


POWERTECH (USA) INC.

APP-040-DD

United States Nuclear Regulatory Commission Official Hearing Exhibit	
In the Matter of:	POWERTECH USA, INC. (Dewey-Burdock In Situ Uranium Recovery Facility)
	ASLBP #: 10-898-02-MLA-BD01
	Docket #: 04009075
	Exhibit #: APP-040-DD-00-BD01
	Admitted: 8/19/2014
	Rejected:
	Identified: 8/19/2014
	Withdrawn:
	Stricken:
	Other:

APPENDIX 4.6-A

SPAW MODEL RESULTS



POWERTECH (USA) INC.

SPA W MODEL RESULTS

DEWEY FIELD

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15-yr--80-94\Dew 15-yr--80-94.spw
File Creation Date : Sep 15, 2008 17:26:13
File Last Modified Date : Sep 16, 2008 08:28:28
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--80-94
Simulation Start Date : Jan 01, 1980
Simulation End Date : Dec 31, 1994
Simulation Run Date : Sep 16, 2008 08:28
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--80-94
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15-yr--80-94\Dew 15-yr--80-94.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 81-94 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evdpd (Aug 23, 2008 00:00)
Precipitation : SD8094 - Jan 01, 1980 to Dec 31, 1994
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.txt (Sep 15, 2008 00:00)
Air Temperature : SD8094 - Jan 01, 1980 to Dec 31, 1994
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.txt (Sep 15, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DR1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1980	44.04	28.76	10.32	11.41	7.03	16.33	16.32	0.74	24.88	0.13	0	3.03	8.1	0
1981	44	28.66	10.98	11.22	6.45	13.46	16.32	1.28	22.04	0.08	0	-0.24	7.32	0
1982	44	32.6	14.27	9.8	8.53	21.88	16.32	0.65	29.02	1.11	0	3.84	5.23	0
1983	44	31.24	13.14	10.61	7.48	16.16	16.32	1.18	23.82	-0.02	0	0.08	3.64	0
1984	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
1985	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
1986	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
1987	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
1988	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
1989	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
1990	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.17	13.19	10.63	7.35	16.29	16.32	1.03	24.23	0.07	0	0.34	4.4	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--81-95\Dew 15 yr--81-95.spw
File Creation Date : Sep 16, 2008 08:35:03
File Last Modified Date : Sep 16, 2008 08:35:03
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--81-95
Simulation Start Date : Jan 01, 1981
Simulation End Date : Dec 31, 1995
Simulation Run Date : Sep 16, 2008 08:35
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--81-95
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--81-95\Dew 15 yr--81-95.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 81-95 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8195 - Jan 01, 1981 to Dec 31, 1995
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.bxt (Sep 16, 2008 00:00)
Air Temperature : SD8195 - Jan 01, 1981 to Dec 31, 1995
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.bxt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1981	44	27.39	9.7	11.23	6.45	13.46	16.32	1.01	22.31	-0.27	0	1.65	21.62	0
1982	44	31.37	12.92	9.93	8.53	21.88	16.32	0.63	29.04	1.58	0	4.63	7.16	0
1983	44	30.93	12.79	10.66	7.48	16.16	16.32	1.18	23.82	0	0	0.37	3.7	0
1984	44.04	32.64	14.1	10.48	8.07	16.89	16.32	1.13	24	0	0	-0.57	3.42	0
1985	44	28.86	11.1	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
1986	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
1987	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
1988	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
1989	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
1990	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.25	13.23	10.55	7.48	16.42	16.32	1.02	24.25	0.08	0	0.39	5.19	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--82-96\Dew 15 yr--82-96.spw
File Creation Date : Sep 16, 2008 08:36:39
File Last Modified Date : Sep 16, 2008 08:36:39
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--82-96
Simulation Start Date : Jan 01, 1982
Simulation End Date : Dec 31, 1996
Simulation Run Date : Sep 16, 2008 08:38
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--82-96
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--82-96\Dew 15 yr--82-96.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 82-96 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\82-96.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8296 - Jan 01, 1982 to Dec 31, 1996
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\82-96.bxt (Sep 16, 2008 00:00)
Air Temperature : SD8296 - Jan 01, 1982 to Dec 31, 1996
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\82-96.bxt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRV 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPO	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1982	44	30.79	12.4	9.91	8.48	21.83	16.32	0.63	29.04	1.06	0	5.66	16.24	0
1983	44	30.5	12.28	10.74	7.48	16.16	16.32	0.96	24.04	0.23	0	0.8	3.83	0
1984	44.04	32.45	13.88	10.5	8.07	16.89	16.32	1.13	24	0.01	0	-0.39	3.43	0
1985	44	28.85	11.09	11.28	8.49	11.75	16.32	1.03	20.55	-0.41	0	-1.41	3.94	0
1986	44	34.76	16.75	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
1987	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
1988	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
1989	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
1990	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPO	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.51	13.46	10.49	7.56	16.7	16.32	0.98	24.47	0.09	0	0.44	4.6	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--83-97\Dew 15 yr--83-97.spw
File Creation Date : Sep 16, 2008 08:38:04
File Last Modified Date : Sep 16, 2008 08:38:04
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--83-97
Simulation Start Date : Jan 01, 1983
Simulation End Date : Dec 31, 1997
Simulation Run Date : Sep 16, 2008 08:38
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--83-97
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--83-97\Dew 15 yr--83-97.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 83-97 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock evpd (Aug 23, 2008 00:00)
Precipitation : SD8397 - Jan 01, 1983 to Dec 31, 1997
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.txt (Sep 16, 2008 00:00)
Air Temperature : SD8397 - Jan 01, 1983 to Dec 31, 1997
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRew 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPORN in	DLT-SM in	STRESS	YLORED
1983	44	28.2	9.74	11.06	7.4	16.08	16.32	0.82	24.18	0.01	0	3.37	21.27	0
1984	44.04	30.99	12.11	10.81	8.07	16.89	16.32	0.79	24.35	0.71	0	0.72	4.48	0
1985	44	27.93	9.99	11.46	6.49	11.75	16.32	1.03	20.55	-0.28	0	-0.62	5.07	0
1986	44	33.7	15.48	9.88	8.34	23.59	16.32	2.08	29.49	0.85	0	3.29	3.6	0
1987	44	30.65	13.1	11.18	6.38	12.36	16.32	0.12	22.19	-0.21	0	-1.89	4.34	0
1988	44.04	28.88	11.59	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.22	4.06	0
1989	44	30.47	12.51	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.26	3.76	0
1990	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.86	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.5	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPORN in	DLT-SM in	STRESS	YLORED
44.04	31.22	13.14	10.57	7.51	16.42	16.32	1	24.22	0.09	0	0.43	5.08	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Plesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-84-98\Dew 15 yr-84-98.spw
File Creation Date : Sep 16, 2008 08:39:34
File Last Modified Date : Sep 16, 2008 08:39:35
Description : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-84-98
Simulation Start Date : Jan 01, 1984
Simulation End Date : Dec 31, 1998
Simulation Run Date : Sep 16, 2008 08:39
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-84-98
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-84-98\fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 84-98 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.clim (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evdp (Aug 23, 2008 00:00)
Precipitation : SD8498 - Jan 01, 1984 to Dec 31, 1998
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.txt (Sep 16, 2008 00:00)
Air Temperature : SD8498 - Jan 01, 1984 to Dec 31, 1998
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRV 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS (IN): 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1984	44.04	29.51	10.86	10.83	7.82	15.65	16.32	0.44	23.71	-0.1	0	2.12	15.85	0
1985	44	26.91	8.8	11.62	6.49	11.75	16.32	1.02	20.56	0.08	0	0.06	8.98	0
1986	44	33.01	14.7	9.97	8.34	23.59	16.32	2.08	29.49	1	0	3.82	3.84	0
1987	44	29.82	12.05	11.4	6.38	12.36	16.32	0.12	22.19	0.06	0	-1.31	4.67	0
1988	44.04	28.76	11.45	10.91	6.4	13.79	16.32	0.9	22.8	0.14	0	0.3	4.2	0
1989	44	30.39	12.42	10.61	7.36	15.58	16.32	0.04	24.5	0.13	0	1.35	3.78	0
1990	44	33.48	15.72	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.04	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.37	13.29	10.53	7.55	16.88	16.32	1.16	24.49	0.11	0	0.56	4.96	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-85-99\Dew 15 yr-85-99.spw
File Creation Date : Sep 16, 2008 08:41:06
File Last Modified Date : Sep 16, 2008 08:41:07
Description : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-85-99
Simulation Start Date : Jan 01, 1985
Simulation End Date : Dec 31, 1999
Simulation Run Date : Sep 16, 2008 08:41
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-85-99
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-85-99\Dew 15 yr-85-99.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 85-99 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.cim (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8599 - Jan 01, 1985 to Dec 31, 1999
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.txt (Sep 16, 2008 00:00)
Air Temperature : SD8599 - Jan 01, 1985 to Dec 31, 1999
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\IDev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1985	44	25.89	7.78	11.62	6.49	11.75	16.32	1.02	20.56	-0.29	0	1.45	20.09	0
1986	44	32.7	14.33	10.02	8.34	23.59	16.32	2.08	29.49	1.05	0	4.09	4.09	0
1987	44	29.45	11.57	11.51	6.38	12.36	16.32	0.12	22.19	0.2	0	-1.09	5	0
1988	44.04	28.64	11.27	10.97	6.4	13.79	16.32	0.9	22.8	0.18	0	0.37	4.45	0
1989	44	30.23	12.23	10.63	7.36	15.58	16.32	0.04	24.5	0.16	0	1.48	3.83	0
1990	44	33.45	15.69	10.19	7.57	19.14	16.32	1.94	25.95	0.01	0	0.07	3.55	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.87	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.53	13.5	10.5	7.53	16.98	16.32	1.3	24.47	0.09	0	0.38	4.93	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--86-00\Dew 15 yr--86-00.spw
File Creation Date : Sep 16, 2008 08:42:52
File Last Modified Date : Sep 16, 2008 08:42:52
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--86-00
Simulation Start Date : Jan 01, 1986
Simulation End Date : Dec 31, 2000
Simulation Run Date : Sep 16, 2008 08:42
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--86-00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--86-00\Dew 15 yr--86-00.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 86-00 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\86-00.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8600 - Jan 01, 1986 to Dec 31, 2000
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\86-00.txt (Sep 16, 2008 00:00)
Air Temperature : SD8600 - Jan 01, 1986 to Dec 31, 2000
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\86-00.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRV 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLORED
	in	in	in	in	in	in	in	in	in	in	in	in		
1986	44	31.28	12.98	10.19	8.11	22.03	16.32	2.08	28.16	0.3	0	4.69	8.52	0
1987	44	29.16	11.24	11.54	6.38	12.36	16.32	0.12	22.19	0.36	0	-0.96	5.35	0
1988	44.04	28.28	10.7	11.18	6.4	13.79	16.32	0.9	22.8	0.33	0	0.59	5.42	0
1989	44	29.75	11.65	10.73	7.36	15.58	16.32	0.04	24.5	0.3	0	1.82	4.07	0
1990	44	33.35	15.58	10.19	7.57	19.14	16.32	1.86	26.02	0.02	0	0.23	3.56	0
1991	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
1992	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
1993	44	35.3	16.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLORED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.71	13.66	10.48	7.57	17.06	16.32	1.35	24.47	0.05	0	0.27	4.28	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--89-03\Dew 15 yr--89-03.spw
File Creation Date : Sep 16, 2008 08:47:32
File Last Modified Date : Sep 16, 2008 08:47:33
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--89-03
Simulation Start Date : Jan 01, 1989
Simulation End Date : Dec 31, 2003
Simulation Run Date : Sep 16, 2008 08:47
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--89-03
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--89-03\Dew 15 yr--89-03.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 89-03 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8903 - Jan 01, 1989 to Dec 31, 2003
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.txt (Sep 16, 2008 00:00)
Air Temperature : SD8903 - Jan 01, 1989 to Dec 31, 2003
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRV 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPORN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1989	44	27.54	9.1	11.15	7.29	15.49	16.32	0.04	24.47	0.28	0	3.95	15.08	0
1990	44	30.99	12.73	10.68	7.57	19.14	16.32	1.6	26.29	0.95	0	1.92	3.95	0
1991	44	30.09	11.77	11.03	7.29	15.03	16.32	1.4	22.66	0.02	0	-0.16	3.7	0
1992	44.04	29.68	11.97	10.59	7.11	14.08	16.32	0.41	22.88	0.04	0	0.27	3.75	0
1993	44	35.28	16.83	9.44	9.01	22.31	16.32	2.14	27.48	0.02	0	1.19	3.4	0
1994	44	30.4	12.4	11.21	6.79	12.01	16.32	0.19	21.35	-0.29	0	-1.96	4.45	0
1995	44	32.83	13.93	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPORN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.48	13.35	10.53	7.6	16.9	16.32	1.27	24.36	0.09	0	0.39	4.5	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\15-yr-90-04\15-yr-90-04.spw
File Creation Date : Sep 16, 2008 08:48:54
File Last Modified Date : Sep 16, 2008 08:48:55
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--90-04
Simulation Start Date : Jan 01, 1990
Simulation End Date : Dec 31, 2004
Simulation Run Date : Sep 16, 2008 08:48
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--90-04
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\15-yr-90-04\15-yr-90-04.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 90-04 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\15-yr-90-04.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evdp (Aug 23, 2008 00:00)
Precipitation : SD9004 - Jan 01, 1990 to Dec 31, 2004
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\15-yr-90-04.txt (Sep 16, 2008 00:00)
Air Temperature : SD9004 - Jan 01, 1990 to Dec 31, 2004
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\15-yr-90-04.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\15-yr\15-yr-90-04.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\15-yr\15-yr-90-04.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\15-yr\15-yr-90-04.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1990	44	30.25	12.04	10.67	7.54	19.11	16.32	1.45	26.44	0.11	0	3.63	12.13	0
1991	44	28.56	9.86	11.41	7.29	15.03	16.32	1.23	22.83	0.78	0	0.78	5.59	0
1992	44.04	28.9	10.99	10.8	7.11	14.08	16.32	0.37	22.92	0.32	0	0.81	4.49	0
1993	44	35.09	16.62	9.46	9.01	22.31	16.32	1.44	28.18	0.11	0	1.99	3.42	0
1994	44	30.43	12.43	11.21	6.79	12.01	16.32	0.19	21.35	-0.3	0	-1.99	4.44	0
1995	44	32.83	13.94	10.02	8.87	18.32	16.32	0.82	24.95	0.19	0	0.8	3.66	0
1996	44.04	32.46	14.48	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.69	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.38	13.25	10.55	7.58	16.84	16.32	1.21	24.36	0.07	0	0.49	4.48	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-91-05\Dew 15 yr-91-05.spw
File Creation Date : Sep 16, 2008 09:05:32
File Last Modified Date : Sep 16, 2008 09:05:33
Description : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-91-05
Simulation Start Date : Jan 01, 1991
Simulation End Date : Dec 31, 2005
Simulation Run Date : Sep 16, 2008 09:05
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-91-05
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-91-05\fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 91-05 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9105 - Jan 01, 1991 to Dec 31, 2005
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.txt (Sep 16, 2008 00:00)
Air Temperature : SD9105 - Jan 01, 1991 to Dec 31, 2005
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRV 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPOD in	DLT-SM in	STRESS	YLDRED
1991	44	27.98	9.4	11.33	7.25	14.99	16.32	0.53	23.53	0.2	0	2.6	16.09	0
1992	44.04	28.54	10.58	10.85	7.11	14.08	16.32	0.37	22.92	0.42	0	1.08	6.39	0
1993	44	33.4	14.67	9.71	9.01	22.31	16.32	1.34	28.27	0.69	0	3.2	3.47	0
1994	44	30.11	12.08	11.24	6.79	12.01	16.32	0.19	21.35	-0.28	0	-1.68	4.47	0
1995	44	32.81	13.9	10.04	8.87	18.32	16.32	0.82	24.95	0.19	0	0.82	3.66	0
1996	44.04	32.45	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.09	0	0.7	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPOD in	DLT-SM in	STRESS	YLDRED
44.04	31.28	13.17	10.56	7.55	16.9	16.32	1.32	24.35	0.09	0	0.53	4.74	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-92-06\Dew 15 yr-92-06.spw
File Creation Date : Sep 16, 2008 09:06:49
File Last Modified Date : Sep 16, 2008 09:06:50
Description : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-92-06
Simulation Start Date : Jan 01, 1992
Simulation End Date : Dec 31, 2006
Simulation Run Date : Sep 16, 2008 09:06
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-92-06
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-92-06\Dew 15 yr-92-06.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 92-06 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr92-06.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9206 - Jan 01, 1992 to Dec 31, 2006
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr92-06.txt (Sep 16, 2008 00:00)
Air Temperature : SD9206 - Jan 01, 1992 to Dec 31, 2006
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr92-06.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\Rev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1992	44.04	28.01	10.12	10.78	7.11	14.08	16.32	0.37	22.92	-0.07	0	2.09	15.31	0
1993	44	31.96	12.92	10.02	9.01	22.31	16.32	1.08	28.53	1.31	0	4.28	3.76	0
1994	44	29.71	11.61	11.31	6.79	12.01	16.32	0.19	21.35	-0.27	0	-1.29	4.63	0
1995	44	32.81	13.9	10.03	8.87	18.32	16.32	0.66	25.11	0.24	0	0.94	3.68	0
1996	44.04	32.45	14.47	10.16	7.82	17.6	16.32	0.69	25.41	0.08	0	0.7	3.53	0
1997	44	32.55	14.73	10.09	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.18	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.24	13.16	10.56	7.52	16.79	16.32	1.29	24.3	0.08	0	0.5	4.54	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--93-07\Dew 15 yr--93-07.spw
File Creation Date : Sep 16, 2008 09:39:44
File Last Modified Date : Sep 16, 2008 09:39:45
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--93-07
Simulation Start Date : Jan 01, 1993
Simulation End Date : Dec 31, 2007
Simulation Run Date : Sep 16, 2008 09:39
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--93-07
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--93-07\Dew 15 yr--93-07.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 93-07 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr93-07.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9307 - Jan 01, 1993 to Dec 31, 2007
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr93-07.bt (Sep 16, 2008 00:00)
Air Temperature : SD9307 - Jan 01, 1993 to Dec 31, 2007
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr93-07.bt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRew 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPO	RNDLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1993	44	30.45	11.29	10.26	8.91	21.44	16.32	1.06	27.8	0.84	0	5.42	7.24	0
1994	44	29.46	11.34	11.33	6.79	12.01	16.32	0.19	21.35	-0.18	0	-1.13	5	0
1995	44	31.87	12.65	10.35	8.87	18.32	16.32	0.66	25.11	0.51	0	1.6	3.93	0
1996	44.04	32.29	14.27	10.19	7.82	17.6	16.32	0.69	25.41	0.14	0	0.81	3.54	0
1997	44	32.54	14.71	10.1	7.73	17.73	16.32	1.67	24.66	0.01	0	-0.17	3.54	0
1998	44	34.73	16.59	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.94	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPO	RNDLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.19	13.09	10.61	7.49	16.82	16.32	1.33	24.31	0.07	0	0.54	4.05	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-94-80\Dew 15 yr-94-80.spw
File Creation Date : Sep 16, 2008 09:41:28
File Last Modified Date : Sep 16, 2008 09:41:29
Description : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-94-80
Simulation Start Date : Jan 01, 1994
Simulation End Date : Dec 31, 2008
Simulation Run Date : Sep 16, 2008 09:41
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-94-80
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-94-80\Dew 15 yr-94-80.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 94-80 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr94-80.cim (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9480 - Jan 01, 1994 to Dec 31, 2008
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr94-80.txt (Sep 16, 2008 00:00)
Air Temperature : SD9480 - Jan 01, 1994 to Dec 31, 2008
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr94-80.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1994	44	26.64	8.27	11.58	6.79	12.01	16.32	0.19	21.35	-0.3	0	1.81	21.39	0
1995	44	30.88	11.46	10.54	8.87	18.32	16.32	0.58	25.18	0.72	0	2.46	6.38	0
1996	44.04	30.39	11.97	10.59	7.82	17.6	16.32	0.68	25.41	0.83	0	2.02	3.77	0
1997	44	32.17	14.31	10.13	7.73	17.73	16.32	1.59	24.74	0.06	0	0.23	3.55	0
1998	44	34.72	16.57	9.94	8.2	24.28	16.32	3.6	28.8	0.33	0	1.96	3.45	0
1999	44	33.86	16.16	10.16	7.54	17.17	16.32	2.53	23.41	-0.34	0	-2.56	3.48	0
2000	44.04	31.23	13.09	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.48	13.33	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.84	12.75	10.72	7.37	16.43	16.32	1.32	24.05	0.08	0	0.5	5.08	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-95-81\Dew 15 yr-95-81.spw
File Creation Date : Sep 16, 2008 09:42:54
File Last Modified Date : Sep 16, 2008 09:42:55
Description : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-95-81
Simulation Start Date : Jan 01, 1995
Simulation End Date : Dec 31, 2009
Simulation Run Date : Sep 16, 2008 09:42
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-95-81
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-95-81\Dew 15 yr-95-81.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 95-81 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.cim (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9581 - Jan 01, 1995 to Dec 31, 2009
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.txt (Sep 16, 2008 00:00)
Air Temperature : SD9581 - Jan 01, 1995 to Dec 31, 2009
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\IDRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLORED
	in	in	in	in	in	in	in	in	in	in	in	in		
1995	44	30.45	11.12	10.5	8.83	18.14	16.32	0.51	25.12	0.01	0	3.49	15.1	0
1996	44.04	30.14	11.68	10.63	7.82	17.6	16.32	0.68	25.41	0.94	0	2.15	4.05	0
1997	44	31.65	13.72	10.21	7.73	17.73	16.32	1.27	25.05	0.36	0	0.77	3.57	0
1998	44	34.65	16.5	9.95	8.2	24.28	16.32	3.57	28.82	0.33	0	2.05	3.46	0
1999	44	33.84	16.14	10.16	7.54	17.17	16.32	2.53	23.41	-0.33	0	-2.56	3.48	0
2000	44.04	31.23	13.08	10.8	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.39	0
2001	44	30.51	12.52	10.69	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.72	0
2002	44	29.78	12.19	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.48	13.33	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0
2009	44	29.42	11.8	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.85	4.68	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.94	12.9	10.7	7.35	16.52	16.32	1.38	24.11	0.06	0	0.45	4.56	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-96-82\Dew 15 yr-96-82.spw
File Creation Date : Sep 16, 2008 09:44:20
File Last Modified Date : Sep 16, 2008 09:44:20
Description : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-96-82
Simulation Start Date : Jan 01, 1996
Simulation End Date : Dec 31, 2010
Simulation Run Date : Sep 16, 2008 09:44
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-96-82
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-96-82\Dew 15 yr-96-82.fid (Sep 16, 2008 00:00)
Climate : Dewey Burdock 96-82 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr96-82.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9682 - Jan 01, 1996 to Dec 31, 2010
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr96-82.txt (Sep 16, 2008 00:00)
Air Temperature : SD9682 - Jan 01, 1996 to Dec 31, 2010
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr96-82.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRV 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
1996	44.04	29.28	10.78	10.68	7.82	17.6	16.32	0.51	25.59	0.13	0	4	10.8	0
1997	44	30.23	11.97	10.54	7.73	17.73	16.32	0.96	25.36	1.13	0	1.73	3.78	0
1998	44	34.31	16.13	9.98	8.2	24.28	16.32	3.5	28.9	0.25	0	2.55	3.48	0
1999	44	33.78	16.09	10.15	7.54	17.17	16.32	2.28	23.67	-0.21	0	-2.37	3.48	0
2000	44.04	31.24	13.09	10.79	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.63	4.39	0
2001	44	30.51	12.52	10.69	7.29	18.1	16.32	1.32	25.81	0.49	0	2.1	3.72	0
2002	44	29.78	12.19	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.48	13.33	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0
2009	44	29.42	11.8	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.85	4.68	0
2010	44	33.31	15.07	9.71	8.53	21.88	16.32	1.72	27.95	0.41	0	2.76	3.97	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	30.96	12.96	10.67	7.32	16.77	16.32	1.4	24.35	0.09	0	0.63	4.29	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--97-83\Dew 15 yr--97-83.spw
File Creation Date : Sep 16, 2008 09:45:40
File Last Modified Date : Sep 16, 2008 09:45:41
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--97-83
Simulation Start Date : Jan 01, 1997
Simulation End Date : Dec 31, 2011
Simulation Run Date : Sep 16, 2008 09:45
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--97-83
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--97-83\fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 97-83 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.clim (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9783 - Jan 01, 1997 to Dec 31, 2011
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.txt (Sep 16, 2008 00:00)
Air Temperature : SD9783 - Jan 01, 1997 to Dec 31, 2011
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1997	44	29.17	10.8	10.65	7.73	17.73	16.32	0.93	25.39	0.45	0	3.49	10.48	0
1998	44	33.54	15.26	10.09	8.2	24.28	16.32	2.35	30.05	0.91	0	3.79	3.73	0
1999	44	32.67	14.85	10.28	7.54	17.17	16.32	2.28	23.67	-0.06	0	-1.39	3.49	0
2000	44.04	31.23	13.08	10.79	7.35	14.51	16.32	1.72	21.76	-0.5	0	-1.62	4.4	0
2001	44	30.51	12.52	10.7	7.29	18.1	16.32	1.32	25.81	0.49	0	2.11	3.73	0
2002	44	29.78	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.48	13.33	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0
2009	44	29.42	11.79	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.84	4.68	0
2010	44	33.31	15.07	9.71	8.53	21.88	16.32	1.72	27.95	0.41	0	2.76	3.97	0
2011	44	31.99	13.96	10.55	7.48	16.16	16.32	1.33	23.67	-0.07	0	-0.77	3.61	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.95	12.96	10.68	7.31	16.74	16.32	1.38	24.37	0.09	0	0.64	4.27	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--98-84\Dew 15 yr--98-84.spw
File Creation Date : Sep 16, 2008 09:47:14
File Last Modified Date : Sep 16, 2008 09:47:14
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--98-84
Simulation Start Date : Jan 01, 1998
Simulation End Date : Dec 31, 2012
Simulation Run Date : Sep 16, 2008 09:47
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--98-84
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--98-84\fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 98-84 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evdp (Aug 23, 2008 00:00)
Precipitation : SD9884 - Jan 01, 1998 to Dec 31, 2012
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.txt (Sep 16, 2008 00:00)
Air Temperature : SD9884 - Jan 01, 1998 to Dec 31, 2012
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRV 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
1998	44	32.32	13.91	10.21	8.2	24.28	16.32	1.8	30.6	0.86	0	5.61	8.88	0
1999	44	31.13	13.06	10.53	7.54	17.17	16.32	1.91	24.03	0.42	0	0.02	3.57	0
2000	44.04	31.06	12.88	10.82	7.35	14.51	16.32	1.72	21.76	-0.52	0	-1.43	4.45	0
2001	44	30.49	12.51	10.69	7.29	18.1	16.32	1.23	25.9	0.52	0	2.18	3.74	0
2002	44	29.77	12.18	10.9	6.7	13.11	16.32	0.35	22.38	-0.01	0	-0.69	3.71	0
2003	44	30.07	11.59	11.07	7.41	14.69	16.32	0.56	23.05	0.01	0	0.38	3.57	0
2004	44.04	29.14	11.37	10.8	6.96	12.18	16.32	0.29	21.24	-0.26	0	-0.68	4.01	0
2005	44	31.81	14.06	10.62	7.14	20.16	16.32	3.81	25.53	0.26	0	0.59	3.53	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.48	13.33	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.38	3.57	0
2009	44	29.42	11.8	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.84	4.68	0
2010	44	33.31	15.07	9.71	8.53	21.88	16.32	1.72	27.95	0.41	0	2.76	3.97	0
2011	44	31.99	13.96	10.55	7.48	16.16	16.32	1.33	23.67	-0.07	0	-0.77	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	30.98	12.95	10.7	7.32	16.61	16.32	1.33	24.28	0.09	0	0.54	4.15	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--99-85\Dew 15 yr--99-85.spw
File Creation Date : Sep 16, 2008 09:48:36
File Last Modified Date : Sep 16, 2008 09:48:37
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--99-85
Simulation Start Date : Jan 01, 1999
Simulation End Date : Dec 31, 2013
Simulation Run Date : Sep 16, 2008 09:48
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--99-85
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--99-85\Dew 15 yr--99-85.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 99-85 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr99-85.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9985 - Jan 01, 1999 to Dec 31, 2013
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr99-85.txt (Sep 16, 2008 00:00)
Air Temperature : SD9985 - Jan 01, 1999 to Dec 31, 2013
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr99-85.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRV 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1999	44	28.66	10.14	10.98	7.54	17.17	16.32	0.8	25.14	0.5	0	3.52	10.95	0
2000	44.04	29.89	11.52	11.02	7.35	14.51	16.32	1.72	21.76	-0.2	0	-0.59	5.86	0
2001	44	29.79	11.57	10.92	7.29	18.1	16.32	1.23	25.9	0.81	0	2.59	4.61	0
2002	44	29.35	11.66	10.99	6.7	13.11	16.32	0.35	22.38	0.02	0	-0.29	3.84	0
2003	44	29.6	11	11.19	7.41	14.69	16.32	0.56	23.05	0.16	0	0.7	3.65	0
2004	44.04	29.07	11.29	10.82	6.96	12.18	16.32	0.29	21.24	-0.27	0	-0.59	4.05	0
2005	44	31.76	13.98	10.64	7.14	20.16	16.32	3.81	25.53	0.28	0	0.63	3.54	0
2006	44	29.65	12.01	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.46	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.47	13.32	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.36	3.57	0
2009	44	29.42	11.79	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.84	4.68	0
2010	44	33.31	15.07	9.71	8.53	21.88	16.32	1.72	27.95	0.41	0	2.76	3.97	0
2011	44	31.99	13.96	10.55	7.48	16.16	16.32	1.33	23.67	-0.07	0	-0.77	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.39	12.33	10.85	7.21	15.78	16.32	1.2	23.68	0.06	0	0.44	4.49	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--00-86\Dew 15 yr--00-86.spw
File Creation Date : Sep 16, 2008 09:49:51
File Last Modified Date : Sep 16, 2008 09:49:52
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--00-86
Simulation Start Date : Jan 01, 2000
Simulation End Date : Dec 31, 2014
Simulation Run Date : Sep 16, 2008 09:49
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--00-86
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--00-86\Dew 15 yr--00-86.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 00-86 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0086 - Jan 01, 2000 to Dec 31, 2014
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.txt (Sep 16, 2008 00:00)
Air Temperature : SD0086 - Jan 01, 2000 to Dec 31, 2014
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRV 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2000	44.04	27.77	9.12	11.3	7.35	14.51	16.32	1.72	21.76	-0.22	0	1.56	12.77	0
2001	44	29.06	10.73	11.04	7.29	18.1	16.32	1.13	26	1.03	0	3.2	6.26	0
2002	44	29.16	11.46	11.01	6.7	13.11	16.32	0.35	22.38	0.04	0	-0.13	4.01	0
2003	44	29.23	10.56	11.26	7.41	14.69	16.32	0.55	23.05	0.34	0	0.89	3.9	0
2004	44.04	28.9	11.08	10.85	6.96	12.18	16.32	0.21	21.32	-0.26	0	-0.36	4.15	0
2005	44	31.86	14.11	10.61	7.14	20.16	16.32	3.43	25.9	0.37	0	0.82	3.54	0
2006	44	29.66	12.02	10.97	6.67	13.22	16.32	0.48	22.39	-0.12	0	-0.47	3.67	0
2007	44	30.07	12.31	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.5	13.37	11.01	7.13	16.74	16.32	0.96	24.97	0.15	0	0.46	3.54	0
2009	44	29.44	11.82	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.86	4.63	0
2010	44	33.25	15.02	9.71	8.53	21.88	16.32	2.06	27.61	0.36	0	2.53	3.94	0
2011	44	31.83	13.78	10.56	7.48	16.16	16.32	1.33	23.67	-0.06	0	-0.62	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.55	12.49	10.79	7.26	16.21	16.32	1.27	23.99	0.09	0	0.62	4.59	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--01-87\Dew 15 yr--01-87.spw
File Creation Date : Sep 16, 2008 09:51:19
File Last Modified Date : Sep 16, 2008 09:51:20
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--01-87
Simulation Start Date : Jan 01, 2001
Simulation End Date : Dec 31, 2015
Simulation Run Date : Sep 16, 2008 09:51
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--01-87
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--01-87\Dew 15 yr--01-87.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 01-87 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0187 - Jan 01, 2001 to Dec 31, 2015
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.bt (Sep 16, 2008 00:00)
Air Temperature : SD0187 - Jan 01, 2001 to Dec 31, 2015
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.bt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\IDRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2001	44	28.73	10.42	11.02	7.29	18.1	16.32	1.04	26.09	0.55	0	4.1	11.88	0
2002	44	28.96	11.24	11.02	6.7	13.11	16.32	0.35	22.38	0.07	0	0.05	4.46	0
2003	44	29.09	10.41	11.27	7.41	14.69	16.32	0.55	23.05	0.39	0	0.99	4.02	0
2004	44.04	28.77	10.92	10.89	6.96	12.18	16.32	0.21	21.32	-0.22	0	-0.27	4.27	0
2005	44	31.48	13.63	10.71	7.14	20.16	16.32	3.43	25.9	0.5	0	1.06	3.55	0
2006	44	29.62	11.97	10.98	6.67	13.22	16.32	0.48	22.39	-0.13	0	-0.42	3.68	0
2007	44	30.06	12.3	10.94	6.82	14.33	16.32	1.04	22.79	-0.13	0	-0.32	3.85	0
2008	44.04	31.46	13.3	11.02	7.13	16.74	16.32	1.12	24.81	0.11	0	0.37	3.58	0
2009	44	29.42	11.79	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.84	4.69	0
2010	44	33.31	15.06	9.71	8.53	21.88	16.32	1.72	27.95	0.41	0	2.76	3.97	0
2011	44	31.99	13.96	10.55	7.48	16.16	16.32	1.33	23.67	-0.07	0	-0.77	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.7	12.7	10.79	7.2	16.13	16.32	1.15	24.1	0.07	0	0.53	4.45	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-02-88\Dew 15 yr-02-88.spw
File Creation Date : Sep 16, 2008 09:52:50
File Last Modified Date : Sep 16, 2008 09:52:51
Description : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-02-88
Simulation Start Date : Jan 01, 2002
Simulation End Date : Dec 31, 2016
Simulation Run Date : Sep 16, 2008 09:52
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-02-88
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-02-88\Dew 15 yr-02-88.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 02-88 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evdp (Aug 23, 2008 00:00)
Precipitation : SD0288 - Jan 01, 2002 to Dec 31, 2016
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.txt (Sep 16, 2008 00:00)
Air Temperature : SD0288 - Jan 01, 2002 to Dec 31, 2016
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\IDRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPO	RNDLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2002	44	27.02	8.92	11.39	6.7	13.11	16.32	0.31	22.42	-0.22	0	2.33	18.49	0
2003	44	28.54	9.82	11.32	7.41	14.69	16.32	0.55	23.05	0.59	0	1.33	5	0
2004	44.04	28.03	9.99	11.08	6.96	12.18	16.32	0.21	21.32	0	0	0.25	5.73	0
2005	44	30.51	12.49	10.88	7.14	20.16	16.32	3.24	26.1	0.91	0	1.81	3.66	0
2006	44	29.47	11.76	11.03	6.67	13.22	16.32	0.48	22.39	-0.13	0	-0.28	3.74	0
2007	44	30.05	12.29	10.94	6.82	14.33	16.32	1.04	22.79	-0.14	0	-0.3	3.86	0
2008	44.04	31.44	13.28	11.02	7.13	16.74	16.32	0.96	24.97	0.17	0	0.5	3.55	0
2009	44	29.44	11.81	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.86	4.64	0
2010	44	33.24	15	9.71	8.53	21.88	16.32	2.06	27.61	0.37	0	2.53	3.95	0
2011	44	31.82	13.78	10.57	7.48	16.16	16.32	1.33	23.67	-0.06	0	-0.61	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPO	RNDLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.4	12.42	10.84	7.14	15.78	16.32	1.13	23.82	0.08	0	0.48	5.03	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--03-89\Dew 15 yr--03-89.spw
File Creation Date : Sep 16, 2008 09:54:17
File Last Modified Date : Sep 16, 2008 09:54:17
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--03-89
Simulation Start Date : Jan 01, 2003
Simulation End Date : Dec 31, 2017
Simulation Run Date : Sep 16, 2008 09:54
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--03-89
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--03-89\Dew 15 yr--03-89.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 03-89 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0289 - Jan 01, 2003 to Dec 31, 2017
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.bt (Sep 16, 2008 00:00)
Air Temperature : SD0289 - Jan 01, 2003 to Dec 31, 2017
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.bt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2003	44	27.99	9.27	11.31	7.41	14.69	16.32	0.33	23.27	-0.06	0	2.75	9.98	0
2004	44.04	27.44	9.27	11.21	6.96	12.18	16.32	0.21	21.32	0.2	0	0.65	7.33	0
2005	44	30.29	12.19	10.97	7.14	20.16	16.32	3.01	26.33	1.1	0	2.07	3.81	0
2006	44	29.25	11.48	11.1	6.67	13.22	16.32	0.48	22.39	-0.1	0	-0.09	3.82	0
2007	44	30.03	12.27	10.94	6.82	14.33	16.32	1.04	22.79	-0.14	0	-0.28	3.87	0
2008	44.04	31.37	13.2	11.04	7.13	16.74	16.32	1.12	24.81	0.14	0	0.43	3.58	0
2009	44	29.41	11.79	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.84	4.7	0
2010	44	33.3	15.05	9.72	8.53	21.88	16.32	1.72	27.95	0.41	0	2.77	3.97	0
2011	44	31.98	13.95	10.55	7.48	16.16	16.32	1.33	23.67	-0.07	0	-0.76	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
2017	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.53	12.54	10.8	7.18	15.94	16.32	1.08	24	0.09	0	0.56	4.51	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--04-90\Dew 15 yr--04-90.spw
File Creation Date : Sep 16, 2008 09:55:46
File Last Modified Date : Sep 16, 2008 09:55:47
Description : Dewey TP1, TP2, TP5 Soils--0.6 in/5th day--04-90
Simulation Start Date : Jan 01, 2004
Simulation End Date : Dec 31, 2018
Simulation Run Date : Sep 16, 2008 09:55
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Soils--0.6 in/5th day--04-90
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--04-90\Dew 15 yr--04-90.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 04-90 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0490 - Jan 01, 2004 to Dec 31, 2018
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.txt (Sep 16, 2008 00:00)
Air Temperature : SD0490 - Jan 01, 2004 to Dec 31, 2018
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRew 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2004	44.04	25.97	7.77	11.25	6.95	12.16	16.32	0.21	21.32	-0.24	0	2.54	21.75	0
2005	44	29.79	11.58	11.07	7.14	20.16	16.32	3.01	26.33	1.28	0	2.4	4.23	0
2006	44	28.67	10.73	11.27	6.67	13.22	16.32	0.48	22.39	0.07	0	0.33	4.03	0
2007	44	30	12.23	10.95	6.82	14.33	16.32	1.04	22.79	-0.14	0	-0.24	3.9	0
2008	44.04	31.3	13.11	11.06	7.13	16.74	16.32	0.96	24.97	0.21	0	0.59	3.56	0
2009	44	29.43	11.8	11.17	6.45	13.46	16.32	1.39	21.93	-0.19	0	-0.85	4.65	0
2010	44	33.23	14.98	9.72	8.53	21.88	16.32	2.06	27.61	0.37	0	2.54	3.95	0
2011	44	31.82	13.77	10.57	7.48	16.16	16.32	1.33	23.67	-0.06	0	-0.61	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
2017	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
2018	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.71	12.76	10.75	7.19	16.24	16.32	1.19	24.16	0.09	0	0.57	5.08	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--05-91\Dew 15 yr--05-91.spw
File Creation Date : Sep 16, 2008 09:57:03
File Last Modified Date : Sep 16, 2008 09:57:04
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--05-91
Simulation Start Date : Jan 01, 2005
Simulation End Date : Dec 31, 2019
Simulation Run Date : Sep 16, 2008 09:57
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--05-91
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--05-91\Dew 15 yr--05-91.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 05-91 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0591 - Jan 01, 2005 to Dec 31, 2019
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.txt (Sep 16, 2008 00:00)
Air Temperature : SD0591 - Jan 01, 2005 to Dec 31, 2019
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2005	44	29.08	10.83	11.11	7.14	20.16	16.32	3.01	26.33	0.57	0	3.81	8.67	0
2006	44	28.21	10.15	11.39	6.67	13.22	16.32	0.26	22.61	0.28	0	0.79	4.81	0
2007	44	29.84	12.06	10.96	6.82	14.33	16.32	1.04	22.79	-0.12	0	-0.11	4.09	0
2008	44.04	30.8	12.48	11.19	7.13	16.74	16.32	0.96	24.97	0.36	0	0.94	3.66	0
2009	44	29.37	11.74	11.18	6.45	13.46	16.32	1.39	21.93	-0.17	0	-0.82	4.75	0
2010	44	33.25	15	9.72	8.53	21.88	16.32	1.72	27.95	0.44	0	2.79	4	0
2011	44	31.93	13.89	10.56	7.48	16.16	16.32	1.33	23.67	-0.06	0	-0.71	3.61	0
2012	44.04	32.69	14.15	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.62	3.42	0
2013	44	28.86	11.09	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
2017	44	30.48	12.53	10.59	7.36	15.56	16.32	0.07	24.48	0.11	0	1.25	3.76	0
2018	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
2019	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.88	12.92	10.75	7.21	16.27	16.32	1.24	24.15	0.09	0	0.39	4.25	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--06-92\Dew 15 yr--06-92.spw
File Creation Date : Sep 16, 2008 09:58:16
File Last Modified Date : Sep 16, 2008 09:58:17
Description : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--06-92
Simulation Start Date : Jan 01, 2006
Simulation End Date : Dec 31, 2020
Simulation Run Date : Sep 16, 2008 09:58
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--06-92
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--06-92\Dew 15 yr--06-92.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 06-92 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0692 - Jan 01, 2006 to Dec 31, 2020
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.bt (Sep 16, 2008 00:00)
Air Temperature : SD0692 - Jan 01, 2006 to Dec 31, 2020
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.bt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRev 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2006	44	27.24	9.22	11.4	6.61	13.13	16.32	0.25	22.58	-0.17	0	2.13	19.79	0
2007	44	28.74	10.82	11.1	6.82	14.33	16.32	1.04	22.79	0.18	0	0.69	7.66	0
2008	44.04	30.15	11.71	11.31	7.13	16.74	16.32	0.91	25.02	0.6	0	1.4	4.28	0
2009	44	29.02	11.35	11.22	6.45	13.46	16.32	1.33	21.99	-0.05	0	-0.53	5.62	0
2010	44	33.05	14.77	9.76	8.53	21.88	16.32	1.01	28.66	0.78	0	3.36	4.52	0
2011	44	31.67	13.63	10.56	7.48	16.16	16.32	1.18	23.82	-0.04	0	-0.33	3.61	0
2012	44.04	32.71	14.17	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.64	3.42	0
2013	44	28.87	11.1	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
2017	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
2018	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
2019	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
2020	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	30.7	12.76	10.74	7.2	15.86	16.32	1	23.98	0.09	0	0.39	5.29	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--07-93\Dew 15 yr--07-93.spw
File Creation Date : Sep 16, 2008 09:59:44
File Last Modified Date : Sep 16, 2008 09:59:45
Description : Dewey TP1, TP2, TP5 revised Soils--0.6 in/5th day--07-93
Simulation Start Date : Jan 01, 2007
Simulation End Date : Dec 31, 2021
Simulation Run Date : Sep 16, 2008 09:59
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Dewey TP1, TP2, TP5 revised Soils--0.6 in/5th day--07-93
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--07-93\Dew 15 yr--07-93.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 07-93 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0793 - Jan 01, 2007 to Dec 31, 2021
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.txt (Sep 16, 2008 00:00)
Air Temperature : SD0793 - Jan 01, 2007 to Dec 31, 2021
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.txt (Sep 16, 2008 00:00)
Management : 0.6 in every 5 days
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--5 day.mgmt (Aug 28, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Dewey TP1, TP2, TP5 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\DRew 1-2-5.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 9

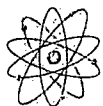
THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 4.00 12.00 24.00 4.00 23.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDR	NDLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2007	44	27.64	9.58	11.23	6.82	14.33	16.32	1.04	22.79	-0.23	0	2.21	17.35	0
2008	44.04	29.94	11.48	11.33	7.13	16.74	16.32	0.53	25.4	0.77	0	1.83	4.49	0
2009	44	28.99	11.32	11.22	6.45	13.46	16.32	1.28	22.04	-0.03	0	-0.47	5.84	0
2010	44	32.97	14.68	9.76	8.53	21.88	16.32	1.15	28.52	0.82	0	3.27	4.61	0
2011	44	31.45	13.38	10.58	7.48	16.16	16.32	1.18	23.62	-0.03	0	-0.12	3.62	0
2012	44.04	32.7	14.16	10.47	8.07	16.89	16.32	1.13	24	0	0	-0.63	3.42	0
2013	44	28.87	11.1	11.28	6.49	11.75	16.32	1.03	20.55	-0.41	0	-1.42	3.94	0
2014	44	34.76	16.74	9.67	8.34	23.59	16.32	2.19	29.38	0.44	0	2.52	3.46	0
2015	44	31.02	13.52	11.13	6.38	12.36	16.32	0.19	22.12	-0.24	0	-2.29	4.3	0
2016	44.04	28.89	11.61	10.88	6.4	13.79	16.32	0.9	22.8	0.11	0	0.21	4.05	0
2017	44	30.48	12.53	10.59	7.36	15.58	16.32	0.07	24.48	0.11	0	1.25	3.76	0
2018	44	33.49	15.74	10.18	7.57	19.14	16.32	1.94	25.95	0.01	0	0.03	3.55	0
2019	44	30.42	12.17	10.96	7.29	15.03	16.32	1.4	22.66	-0.03	0	-0.45	3.61	0
2020	44.04	29.87	12.21	10.55	7.11	14.08	16.32	0.41	22.88	0.02	0	0.1	3.72	0
2021	44	35.3	18.84	9.44	9.01	22.31	16.32	2.17	27.45	0.02	0	1.14	3.4	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDR	NDLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	31.13	13.14	10.62	7.36	16.47	16.32	1.11	24.32	0.09	0	0.47	4.88	0



POWERTECH (USA) INC.

SPAW MODEL RESULTS

DEWEY POND

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--00-86\Dew--00-86.pnd
File Creation Date : Sep 16, 2008 15:02:04
File Last Modified Date : Sep 16, 2008 15:02:04
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2000-1986
Simulation Start Date : Jan 01, 2000
Simulation End Date : Dec 31, 2014
Simulation Run Date : Sep 16, 2008 15:02
SPAW Interface Version : Sep 16, 2008 15:02:04
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--00-86 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--00-86\Dew 15 yr--00-86.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--00-86 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--00-86\Dew 15 yr--00-86.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE:

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2000	577.62	431.87	145.74	14.51	18.6	54.06	3.48	0	501.47	0	0	0	0	0	54.91	0	0	376.96	133.04	0	0
2001	563.73	562.6	1.13	18.1	24.88	35	3.74	0	500.1	0	0	0	0	0	58.32	0	0	504.28	5.72	0	0
2002	530.67	533.16	-2.5	13.1	17.47	10.63	2.46	0	500.1	0	0	0	0	0	57.62	0	0	475.54	34.46	0	0
2003	540.2	540.2	0	14.69	20.09	17.19	2.83	0	500.1	0	0	0	0	0	57.99	0	0	482.21	27.79	0	0
2004	526.08	517.77	8.31	12.19	15.87	6.56	2.17	0	501.47	0	0	0	0	0	57.55	0	0	460.21	49.79	0	0
2005	639.43	570.78	68.65	20.16	28.79	106.88	3.66	0	500.1	0	0	0	0	0	60.78	0	0	510	0	0	0
2006	536.02	570.66	-34.65	13.22	18.79	15	2.12	0	500.1	0	0	0	0	0	60.66	0	0	510	0	0	0
2007	555.41	569.76	-14.35	14.34	19.83	32.81	2.66	0	500.1	0	0	0	0	0	59.76	0	0	510	0	0	0
2008	557.86	569.52	-11.66	16.74	23.56	29.69	3.14	0	501.47	0	0	0	0	0	59.52	0	0	510	0	0	0
2009	564.4	559.34	5.05	13.46	18.5	43.13	2.67	0	500.1	0	0	0	0	0	58.65	0	0	500.69	9.31	0	0
2010	597.29	569.35	27.94	21.88	30.1	63.13	3.96	0	500.1	0	0	0	0	0	59.35	0	0	510	0	0	0
2011	567.03	570.14	-3.11	16.16	22.48	41.56	2.89	0	500.1	0	0	0	0	0	60.14	0	0	510	0	0	0
2012	563.55	570.44	-6.89	16.9	24.27	35.63	2.19	0	501.47	0	0	0	0	0	60.44	0	0	510	0	0	0
2013	550.11	569.81	-19.7	11.75	16.44	31.88	1.69	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
2014	605.56	569.57	35.99	23.59	32.21	68.13	5.13	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
566.26	551.71	14.56	16.21	22.34	39.42	3.03	0	501.47	0	0	0	0	0	59.05	0	0	492.66	17.34	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--01-87\Dew--01-87.pnd
File Creation Date : Sep 16, 2008 15:03:53
File Last Modified Date : Sep 16, 2008 15:03:53
Description : 610 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2001-1987
Simulation Start Date : Jan 01, 2001
Simulation End Date : Dec 31, 2015
Simulation Run Date : Sep 16, 2008 15:03
SPAW Interface Version : Sep 16, 2008 15:03:53
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--01-87 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--01-87\Dew 15 yr--01-87.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--01-87 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--01-87\Dew 15 yr--01-87.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2001	560.17	413.3	146.87	18.1	22.74	32.19	5.14	0	500.1	0	0	0	0	0	54.1	0	0	359.2	150.8	0	0
2002	530.67	533.16	-2.5	13.1	17.47	10.63	2.46	0	500.1	0	0	0	0	0	57.62	0	0	475.54	34.46	0	0
2003	540.2	540.2	0	14.69	20.09	17.19	2.83	0	500.1	0	0	0	0	0	57.99	0	0	482.21	27.79	0	0
2004	526.08	517.77	8.31	12.19	15.87	6.56	2.17	0	501.47	0	0	0	0	0	57.55	0	0	460.21	49.79	0	0
2005	639.43	570.78	68.65	20.16	28.79	106.88	3.66	0	500.1	0	0	0	0	0	60.78	0	0	510	0	0	0
2006	536.02	570.66	-34.65	13.22	18.79	15	2.12	0	500.1	0	0	0	0	0	60.66	0	0	510	0	0	0
2007	555.41	569.76	-14.35	14.34	19.83	32.81	2.66	0	500.1	0	0	0	0	0	59.76	0	0	510	0	0	0
2008	562.87	569.61	-6.74	16.74	23.58	34.69	3.13	0	501.47	0	0	0	0	0	59.61	0	0	510	0	0	0
2009	564.42	564.29	0.13	13.46	18.55	43.13	2.64	0	500.1	0	0	0	0	0	58.81	0	0	505.48	4.52	0	0
2010	586.97	569.31	17.66	21.88	30.09	52.81	3.96	0	500.1	0	0	0	0	0	59.31	0	0	510	0	0	0
2011	566.96	569.7	-2.74	16.16	22.32	41.58	2.98	0	500.1	0	0	0	0	0	59.7	0	0	510	0	0	0
2012	563.48	570.02	-6.54	16.9	24.11	35.63	2.27	0	501.47	0	0	0	0	0	60.02	0	0	510	0	0	0
2013	550.06	569.41	-19.35	11.75	16.34	31.88	1.74	0	500.1	0	0	0	0	0	59.41	0	0	510	0	0	0
2014	605.49	569.18	36.31	23.59	31.99	68.13	5.27	0	500.1	0	0	0	0	0	59.18	0	0	510	0	0	0
2015	525.05	569.2	-44.15	12.37	17.4	5.63	1.93	0	500.1	0	0	0	0	0	59.2	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
562.36	551.14	11.23	16.14	22.18	35.65	3.06	0	501.47	0	0	0	0	0	58.96	0	0	492.18	17.82	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Owyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew-02-88\Dew-02-88.pnd
File Creation Date : Sep 16, 2008 15:06:17
File Last Modified Date : Sep 16, 2008 15:06:17
Description : 510 AF Pond using TP1, TP2, TP5 Owey soils, 0.6 in/5th da, 375 ac, 2002-1988
Simulation Start Date : Jan 01, 2002
Simulation End Date : Dec 31, 2016
Simulation Run Date : Sep 16, 2008 15:06
SPAW Interface Version : Sep 16, 2008 15:06:17
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-02-88 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-02-88\Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-02-88 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-02-88\Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2002	528.83	384.46	144.37	13.1	16.31	9.38	3.04	0	500.1	0	0	0	0	0	53.87	0	0	330.59	179.41	0	0
2003	540.2	540.2	0	14.69	20.09	17.19	2.83	0	500.1	0	0	0	0	0	57.99	0	0	482.21	27.79	0	0
2004	526.08	517.77	8.31	12.19	15.87	6.56	2.17	0	501.47	0	0	0	0	0	57.55	0	0	460.21	49.79	0	0
2005	633.48	570.68	62.8	20.16	28.77	100.94	3.67	0	500.1	0	0	0	0	0	60.68	0	0	510	0	0	0
2006	535.98	570.42	-34.43	13.22	18.72	15	2.16	0	500.1	0	0	0	0	0	60.42	0	0	510	0	0	0
2007	555.37	569.52	-14.14	14.34	19.75	32.81	2.71	0	500.1	0	0	0	0	0	59.52	0	0	510	0	0	0
2008	557.83	569.29	-11.46	16.74	23.47	29.69	3.19	0	501.47	0	0	0	0	0	59.29	0	0	510	0	0	0
2009	564.38	554.09	10.28	13.46	18.45	43.13	2.7	0	500.1	0	0	0	0	0	58.48	0	0	495.62	14.38	0	0
2010	597.29	569.35	27.94	21.88	30.1	63.13	3.96	0	500.1	0	0	0	0	0	59.35	0	0	510	0	0	0
2011	567.03	570.14	-3.11	16.16	22.48	41.56	2.89	0	500.1	0	0	0	0	0	60.14	0	0	510	0	0	0
2012	563.55	570.44	-6.89	16.9	24.27	35.63	2.19	0	501.47	0	0	0	0	0	60.44	0	0	510	0	0	0
2013	550.11	569.81	-19.7	11.75	16.44	31.88	1.69	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
2014	605.56	569.57	35.99	23.59	32.21	68.13	5.13	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
2015	525.1	569.58	-44.48	12.37	17.5	5.63	1.87	0	500.1	0	0	0	0	0	58.58	0	0	510	0	0	0
2016	551.39	563.45	-12.07	13.79	19.01	28.13	2.77	0	501.47	0	0	0	0	0	58.49	0	0	504.97	5.03	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
561.41	550.63	10.79	15.78	21.78	35.25	2.91	0	501.47	0	0	0	0	0	59.05	0	0	491.57	18.43	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPA\Hydrology\SPA\Projects\Ponds\Dew 15 yr\Dew-03-89\Dew-03-89.pnd
File Creation Date : Sep 16, 2008 15:08:09
File Last Modified Date : Sep 16, 2008 15:08:09
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2003-1989
Simulation Start Date : Jan 01, 2003
Simulation End Date : Dec 31, 2017
Simulation Run Date : Sep 16, 2008 15:08
SPA Interface Version : Sep 16, 2008 15:08:09
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--03-89 375.00
C:\Program Files\SPA\Hydrology\SPA\Projects\Fields\Dew 15-yr\Dew 15 yr--03-89\Dew 15 yr--03-89.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--03-89 375.00
C:\Program Files\SPA\Hydrology\SPA\Projects\Fields\Dew 15-yr\Dew 15 yr--03-89\Dew 15 yr--03-89.fpin Dec 30, 1899 00:00

POND PROFILE

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2003	532.69	388.32	144.38	14.69	18.58	10.31	3.7	0	500.1	0	0	0	0	0	54.02	0	0	334.3	175.7	0	0
2004	526.08	517.77	8.31	12.19	15.87	6.56	2.17	0	501.47	0	0	0	0	0	57.55	0	0	460.21	49.79	0	0
2005	626.25	570.42	55.83	20.16	28.66	93.75	3.74	0	500.1	0	0	0	0	0	60.42	0	0	510	0	0	0
2006	535.95	570.12	-34.18	13.22	18.63	15	2.21	0	500.1	0	0	0	0	0	60.12	0	0	510	0	0	0
2007	555.34	569.23	-13.9	14.34	19.66	32.81	2.76	0	500.1	0	0	0	0	0	59.23	0	0	510	0	0	0
2008	562.8	569.1	-6.3	16.74	23.39	34.69	3.25	0	501.47	0	0	0	0	0	59.1	0	0	510	0	0	0
2009	564.37	552.79	11.59	13.46	18.44	43.13	2.7	0	500.1	0	0	0	0	0	58.43	0	0	494.35	15.65	0	0
2010	586.97	569.31	17.66	21.88	30.09	52.81	3.96	0	500.1	0	0	0	0	0	59.31	0	0	510	0	0	0
2011	586.98	569.7	-2.74	16.16	22.32	41.56	2.98	0	500.1	0	0	0	0	0	59.7	0	0	510	0	0	0
2012	563.48	570.02	-6.54	16.9	24.11	35.63	2.27	0	501.47	0	0	0	0	0	60.02	0	0	510	0	0	0
2013	550.06	569.41	-19.35	11.75	16.34	31.88	1.74	0	500.1	0	0	0	0	0	59.41	0	0	510	0	0	0
2014	605.49	569.18	36.31	23.59	31.99	68.13	5.27	0	500.1	0	0	0	0	0	59.18	0	0	510	0	0	0
2015	525.05	569.2	-44.15	12.37	17.4	5.63	1.93	0	500.1	0	0	0	0	0	59.2	0	0	510	0	0	0
2016	551.35	554.84	-3.49	13.79	18.91	28.13	2.84	0	501.47	0	0	0	0	0	58.2	0	0	496.64	13.36	0	0
2017	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
559.84	548.76	11.08	15.94	21.87	33.44	3.06	0	501.47	0	0	0	0	0	58.8	0	0	489.96	20.04	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew-04-90\Dew-04-90.pnd
File Creation Date : Sep 16, 2008 15:10:21
File Last Modified Date : Sep 16, 2008 15:10:21
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2004-1990
Simulation Start Date : Jan 01, 2004
Simulation End Date : Dec 31, 2018
Simulation Run Date : Sep 16, 2008 15:10
SPAW Interface Version : Sep 16, 2008 15:10:21
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Soils-0.6 in/5th day-04-90 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-04-90\Dew 15 yr-04-90.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Soils-0.6 in/5th day-04-90 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-04-90\Dew 15 yr-04-90.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2004	525.45	372.76	152.69	12.17	14.9	6.56	2.51	0	501.47	0	0	0	0	0	53.93	0	0	318.83	191.17	0	0
2005	626.25	570.42	55.83	20.16	28.66	93.75	3.74	0	500.1	0	0	0	0	0	60.42	0	0	510	0	0	0
2006	535.95	570.12	-34.18	13.22	18.63	15	2.21	0	500.1	0	0	0	0	0	60.12	0	0	510	0	0	0
2007	555.34	569.23	-13.9	14.34	19.66	32.81	2.76	0	500.1	0	0	0	0	0	59.23	0	0	510	0	0	0
2008	557.79	569.02	-11.22	16.74	23.37	29.69	3.26	0	501.47	0	0	0	0	0	59.02	0	0	510	0	0	0
2009	564.35	547.84	16.51	13.46	18.39	43.13	2.73	0	500.1	0	0	0	0	0	58.27	0	0	489.56	20.44	0	0
2010	597.29	569.35	27.94	21.88	30.1	63.13	3.96	0	500.1	0	0	0	0	0	59.35	0	0	510	0	0	0
2011	567.03	570.14	-3.11	16.16	22.48	41.56	2.89	0	500.1	0	0	0	0	0	60.14	0	0	510	0	0	0
2012	563.56	570.44	-6.89	16.9	24.27	35.63	2.19	0	501.47	0	0	0	0	0	60.44	0	0	510	0	0	0
2013	550.11	569.81	-19.7	11.75	16.44	31.88	1.69	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
2014	605.56	569.57	35.99	23.59	32.21	68.13	5.13	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
2015	525.1	569.58	-44.48	12.37	17.5	5.63	1.87	0	500.1	0	0	0	0	0	59.58	0	0	510	0	0	0
2016	551.39	563.45	-12.07	13.79	19.01	28.13	2.77	0	501.47	0	0	0	0	0	58.49	0	0	504.97	5.03	0	0
2017	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
2018	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
564.05	551.5	12.55	16.24	22.35	37.13	3.1	0	501.47	0	0	0	0	0	59.02	0	0	492.48	17.52	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Pondst\Dew 15 yr\Dew--05-91\Dew--05-91.pnd
File Creation Date : Sep 16, 2008 15:13:27
File Last Modified Date : Sep 16, 2008 15:13:27
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2005-1991
Simulation Start Date : Jan 01, 2005
Simulation End Date : Dec 31, 2019
Simulation Run Date : Sep 16, 2008 15:13
SPAW Interface Version : Sep 16, 2008 15:13:27
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--05-91 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr--05-91\pin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--05-91 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr--05-91\pin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.98	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.50	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2005	625.34	476.85	148.49	20.16	25.86	93.75	5.62	0	500.1	0	0	0	0	0	54.93	0	0	421.91	88.09	0	0
2006	529.08	532.51	-3.44	13.22	17.91	8.44	2.62	0	500.1	0	0	0	0	0	57.79	0	0	474.72	35.28	0	0
2007	555.18	551.09	4.09	14.34	19.29	32.81	2.98	0	500.1	0	0	0	0	0	58.15	0	0	492.94	17.06	0	0
2008	557.74	560.46	-2.72	16.74	23.21	29.69	3.37	0	501.47	0	0	0	0	0	58.61	0	0	501.85	8.15	0	0
2009	564.34	545.03	19.31	13.46	18.36	43.13	2.75	0	500.1	0	0	0	0	0	58.18	0	0	486.85	23.15	0	0
2010	588.97	569.31	17.68	21.88	30.09	52.81	3.96	0	500.1	0	0	0	0	0	59.31	0	0	510	0	0	0
2011	566.96	569.7	-2.74	16.16	22.32	41.56	2.98	0	500.1	0	0	0	0	0	59.7	0	0	510	0	0	0
2012	563.48	570.02	-6.54	16.9	24.11	35.63	2.27	0	501.47	0	0	0	0	0	60.02	0	0	510	0	0	0
2013	550.06	569.41	-19.35	11.75	16.34	31.88	1.74	0	500.1	0	0	0	0	0	59.41	0	0	510	0	0	0
2014	605.49	569.18	36.31	23.59	31.99	68.13	5.27	0	500.1	0	0	0	0	0	59.18	0	0	510	0	0	0
2015	525.05	569.2	-44.15	12.37	17.4	5.63	1.93	0	500.1	0	0	0	0	0	59.2	0	0	510	0	0	0
2016	551.35	554.84	-3.49	13.79	18.91	28.13	2.84	0	501.47	0	0	0	0	0	58.2	0	0	496.64	13.36	0	0
2017	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
2018	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
2019	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
565.44	553.2	12.24	16.27	22.26	38.48	3.23	0	501.47	0	0	0	0	0	58.62	0	0	494.58	15.42	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Dew 15 yr\Dew--06-92\Dew--06-92.pnd
File Creation Date : Sep 16, 2008 15:36:47
File Last Modified Date : Sep 16, 2008 15:36:47
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2006-1992
Simulation Start Date : Jan 01, 2006
Simulation End Date : Dec 31, 2020
Simulation Run Date : Sep 16, 2008 15:36
SPAW Interface Version : Sep 16, 2008 15:36:47
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--06-92 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15 yr--06-92\Dew 15 yr--06-92.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--06-92 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15 yr--06-92\Dew 15 yr--06-92.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runoff ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2006	528.05	382.99	145.06	13.13	16.35	8.13	3.47	0	500.1	0	0	0	0	0	53.9	0	0	329.09	180.91	0	0
2007	555.18	551.09	4.09	14.34	19.29	32.81	2.98	0	500.1	0	0	0	0	0	58.15	0	0	492.94	17.06	0	0
2008	556.17	558.89	-2.72	16.74	23.19	28.13	3.37	0	501.47	0	0	0	0	0	58.57	0	0	500.32	9.68	0	0
2009	562.46	543.15	19.31	13.46	18.35	41.25	2.75	0	500.1	0	0	0	0	0	58.14	0	0	485.01	24.99	0	0
2010	564.35	568.14	-3.8	21.88	29.82	30.31	4.11	0	500.1	0	0	0	0	0	58.72	0	0	509.42	0.58	0	0
2011	562.1	568.63	-6.53	16.16	21.92	36.88	3.2	0	500.1	0	0	0	0	0	58.53	0	0	510	0	0	0
2012	563.27	568.95	-5.67	16.9	23.7	35.63	2.48	0	501.47	0	0	0	0	0	58.95	0	0	510	0	0	0
2013	549.94	554.58	-4.64	11.75	16.09	31.88	1.87	0	500.1	0	0	0	0	0	58.5	0	0	496.08	13.92	0	0
2014	605.41	567.2	38.21	23.59	31.78	68.13	5.4	0	500.1	0	0	0	0	0	58.79	0	0	508.42	1.58	0	0
2015	525.02	563.39	-38.38	12.37	17.31	5.63	1.97	0	500.1	0	0	0	0	0	58.92	0	0	504.47	5.53	0	0
2016	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
2017	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
2018	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
2019	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
2020	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runoff ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
557.22	546.69	10.53	15.86	21.62	31.02	3.11	0	501.47	0	0	0	0	0	58.3	0	0	488.39	21.61	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Dew 15 yr\Dew-07-93\Dew-07-93.pnd
File Creation Date : Sep 16, 2008 15:38:55
File Last Modified Date : Sep 16, 2008 15:38:55
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 2007-1993
Simulation Start Date : Jan 01, 2007
Simulation End Date : Dec 31, 2021
Simulation Run Date : Sep 16, 2008 15:38
SPAW Interface Version : Sep 16, 2008 15:38:55
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 revised Soils-0.6 in/5th day-07-93 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr-07-93\pin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 revised Soils-0.6 in/5th day-07-93 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr-07-93\pin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runoff ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2007	554.63	405.49	149.15	14.34	17.86	32.81	3.86	0	500.1	0	0	0	0	0	54.18	0	0	351.31	158.69	0	0
2008	544.26	546.99	-2.72	16.74	23.13	16.25	3.41	0	501.47	0	0	0	0	0	58.3	0	0	488.68	21.32	0	0
2009	560.89	541.58	19.31	13.46	18.34	39.69	2.76	0	500.1	0	0	0	0	0	58.1	0	0	483.48	26.52	0	0
2010	569.08	568.93	0.15	21.88	29.93	35	4.05	0	500.1	0	0	0	0	0	58.93	0	0	510	0	0	0
2011	562.13	568.8	-6.67	16.16	21.98	36.88	3.17	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
2012	563.3	569.11	-5.81	16.9	23.76	35.63	2.45	0	501.47	0	0	0	0	0	59.11	0	0	510	0	0	0
2013	549.96	558.28	-8.32	11.75	16.13	31.88	1.85	0	500.1	0	0	0	0	0	58.62	0	0	499.65	10.35	0	0
2014	605.41	567.2	38.21	23.59	31.78	68.13	5.4	0	500.1	0	0	0	0	0	58.79	0	0	508.42	1.58	0	0
2015	525.02	563.39	-38.38	12.37	17.31	5.63	1.97	0	500.1	0	0	0	0	0	58.92	0	0	504.47	5.53	0	0
2016	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
2017	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
2018	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
2019	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
2020	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
2021	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runoff ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
561.59	548.8	12.78	16.47	22.5	34.4	3.22	0	501.47	0	0	0	0	0	58.4	0	0	490.4	19.6	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--80-94\Dew--80-94.pnd
File Creation Date : Sep 16, 2008 11:04:20
File Last Modified Date : Sep 16, 2008 13:05:46
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1980-1994
Simulation Start Date : Jan 01, 1980
Simulation End Date : Dec 31, 1994
Simulation Run Date : Sep 16, 2008 13:05
SPAW Interface Version : Sep 16, 2008 13:05:45
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--80-94 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--80-94\Dew 15yr--80-94.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--80-94 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--80-94\Dew 15yr--80-94.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1980	549.55	403.13	146.42	18.33	20.8	22.81	4.46	0	501.47	0	0	0	0	0	54.34	0	0	348.79	161.21	0	0
1981	560.89	541.58	19.31	13.46	18.34	39.69	2.76	0	500.1	0	0	0	0	0	58.1	0	0	483.48	26.52	0	0
1982	553.4	565.59	-12.19	21.88	29.8	19.38	4.12	0	500.1	0	0	0	0	0	58.88	0	0	506.93	3.07	0	0
1983	562.05	566.19	-4.14	16.16	21.8	36.88	3.27	0	500.1	0	0	0	0	0	58.29	0	0	507.89	2.11	0	0
1984	563.23	567.58	-4.36	16.9	23.6	35.63	2.53	0	501.47	0	0	0	0	0	58.7	0	0	508.88	1.12	0	0
1985	549.92	549.88	0.04	11.75	16.05	31.88	1.89	0	500.1	0	0	0	0	0	58.35	0	0	491.53	18.47	0	0
1986	605.41	567.2	38.21	23.59	31.78	68.13	5.4	0	500.1	0	0	0	0	0	58.79	0	0	508.42	1.58	0	0
1987	525.02	563.39	-38.38	12.37	17.31	5.63	1.97	0	500.1	0	0	0	0	0	58.92	0	0	504.47	5.63	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	568.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
558.86	548.06	10.8	16.29	22.22	31.98	3.19	0	501.47	0	0	0	0	0	58.34	0	0	489.72	20.28	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Presold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Dew 15 yr\Dew-81-95\Dew-81-95.pnd
File Creation Date : Sep 16, 2008 13:32:11
File Last Modified Date : Sep 16, 2008 13:42:23
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1981-1995
Simulation Start Date : Jan 01, 1981
Simulation End Date : Dec 31, 1995
Simulation Run Date : Sep 16, 2008 13:42
SPAW Interface Version : Sep 16, 2008 13:42:23
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-81-95 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr-81-95.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-81-95 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr-81-95.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1981	552.18	386.45	165.73	13.46	16.94	31.56	3.57	0	500.1	0	0	0	0	0	54.13	0	0	332.31	177.69	0	0
1982	553.09	565.59	-12.5	21.88	29.79	19.06	4.12	0	500.1	0	0	0	0	0	58.66	0	0	506.93	3.07	0	0
1983	562.05	565.87	-3.83	16.16	21.79	36.88	3.28	0	500.1	0	0	0	0	0	58.28	0	0	507.59	2.41	0	0
1984	563.23	567.58	-4.36	16.9	23.6	35.63	2.53	0	501.47	0	0	0	0	0	58.7	0	0	508.88	1.12	0	0
1985	549.92	549.88	0.04	11.75	16.05	31.88	1.89	0	500.1	0	0	0	0	0	58.35	0	0	491.53	18.47	0	0
1986	605.41	567.2	38.21	23.59	31.78	68.13	5.4	0	500.1	0	0	0	0	0	58.79	0	0	508.42	1.58	0	0
1987	525.02	563.39	-38.38	12.37	17.31	5.63	1.97	0	500.1	0	0	0	0	0	58.92	0	0	504.47	5.53	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
558.62	546.53	12.09	16.42	22.39	31.58	3.17	0	501.47	0	0	0	0	0	58.33	0	0	488.2	21.8	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--82-96\Dew--82-96.pnd
File Creation Date : Sep 16, 2008 11:07:40
File Last Modified Date : Sep 16, 2008 13:55:06
Description : 450 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1982-1996
Simulation Start Date : Jan 01, 1982
Simulation End Date : Dec 31, 1996
Simulation Run Date : Sep 16, 2008 13:55
SPAW Interface Version : Sep 16, 2008 13:55:05
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--82-96 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--82-96\Dew 15 yr--82-96.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--82-96 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--82-96\Dew 15 yr--82-96.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1982	551.94	398.71	153.23	21.83	27.32	19.06	5.45	0	500.1	0	0	0	0	0	54.06	0	0	344.65	165.35	0	0
1983	555.15	558.98	-3.83	16.16	21.75	30	3.3	0	500.1	0	0	0	0	0	58.15	0	0	500.83	9.17	0	0
1984	563.23	567.58	-4.36	16.9	23.6	35.63	2.53	0	501.47	0	0	0	0	0	58.7	0	0	508.88	1.12	0	0
1985	549.92	549.88	0.04	11.75	16.05	31.88	1.89	0	500.1	0	0	0	0	0	58.35	0	0	491.53	18.47	0	0
1986	605.41	567.2	38.21	23.59	31.78	68.13	5.4	0	500.1	0	0	0	0	0	58.79	0	0	508.42	1.58	0	0
1987	525.02	563.39	-38.38	12.37	17.31	5.63	1.97	0	500.1	0	0	0	0	0	58.92	0	0	504.47	5.53	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	563.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
557.84	547.05	10.79	16.69	22.71	30.42	3.25	0	501.47	0	0	0	0	0	58.32	0	0	488.73	21.27	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--83-97\Dew--83-97.pnd
File Creation Date : Sep 16, 2008 11:09:10
File Last Modified Date : Sep 16, 2008 13:56:41
Description : 450 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1983-1997
Simulation Start Date : Jan 01, 1983
Simulation End Date : Dec 31, 1997
Simulation Run Date : Sep 16, 2008 13:56
SPAW Interface Version : Sep 16, 2008 13:56:41
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--83-97 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--83-97\Dew 15 yr--83-97.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--83-97 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--83-97\Dew 15 yr--83-97.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1983	549.95	400.55	149.4	16.08	19.96	25.63	4.26	0	500.1	0	0	0	0	0	53.93	0	0	346.61	163.39	0	0
1984	552.25	556.61	-4.36	16.9	23.55	24.69	2.55	0	501.47	0	0	0	0	0	58.52	0	0	498.1	11.9	0	0
1985	549.92	549.88	0.04	11.75	16.05	31.88	1.89	0	500.1	0	0	0	0	0	58.35	0	0	491.53	18.47	0	0
1986	601.66	563.45	38.21	23.59	31.77	64.38	5.41	0	500.1	0	0	0	0	0	58.75	0	0	504.7	5.3	0	0
1987	523.13	561.51	-38.38	12.37	17.3	3.75	1.98	0	500.1	0	0	0	0	0	58.87	0	0	502.64	7.36	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.8	521.37	4.43	15.58	20.46	1.56	3.67	0	500.1	0	0	0	0	0	57.52	0	0	463.85	46.15	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.48	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
558.21	546.71	11.49	16.42	22.39	31.19	3.15	0	501.47	0	0	0	0	0	58.34	0	0	488.38	21.62	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew-84-98\Dew-84-98.pnd
File Creation Date : Sep 16, 2008 11:11:14
File Last Modified Date : Sep 16, 2008 14:00:19
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1984-1998
Simulation Start Date : Jan 01, 1984
Simulation End Date : Dec 31, 1998
Simulation Run Date : Sep 16, 2008 14:00
SPAW Interface Version : Sep 16, 2008 14:00:19
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-84-98 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-84-98\fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-84-98 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-84-98\fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1984	538.28	393.23	145.05	15.65	19.92	13.75	3.14	0	501.47	0	0	0	0	0	54.16	0	0	339.07	170.93	0	0
1985	549.61	549.57	0.04	11.75	16.05	31.56	1.89	0	500.1	0	0	0	0	0	58.34	0	0	491.23	18.77	0	0
1986	601.66	563.45	38.21	23.59	31.77	64.38	5.41	0	500.1	0	0	0	0	0	58.75	0	0	504.7	5.3	0	0
1987	523.13	561.51	-38.38	12.37	17.3	3.75	1.98	0	500.1	0	0	0	0	0	58.87	0	0	502.64	7.36	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.66	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.17	520.74	4.43	15.58	20.46	0.94	3.67	0	500.1	0	0	0	0	0	57.51	0	0	463.23	46.77	0	0
1990	560.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
563.97	547.04	16.92	16.88	23.05	36.19	3.26	0	501.47	0	0	0	0	0	58.43	0	0	488.61	21.39	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--85-99\Dew--85-99.pnd
File Creation Date : Sep 16, 2008 11:12:39
File Last Modified Date : Sep 16, 2008 14:06:17
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1985-1999
Simulation Start Date : Jan 01, 1985
Simulation End Date : Dec 31, 1999
Simulation Run Date : Sep 16, 2008 14:06
SPAW Interface Version : Sep 16, 2008 14:06:16
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--85-99 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--85-99\pin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--85-99 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--85-99\pin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1985	549.09	404	145.09	11.75	14.89	31.56	2.54	0	500.1	0	0	0	0	0	54.34	0	0	349.66	160.34	0	0
1986	601.66	563.45	38.21	23.59	31.77	64.38	5.41	0	500.1	0	0	0	0	0	58.75	0	0	504.7	5.3	0	0
1987	523.13	561.51	-38.38	12.37	17.3	3.75	1.98	0	500.1	0	0	0	0	0	58.87	0	0	502.64	7.36	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.17	520.74	4.43	15.58	20.46	0.94	3.67	0	500.1	0	0	0	0	0	57.51	0	0	483.23	46.77	0	0
1990	590.73	568.8	21.93	19.14	26.23	60.31	4.09	0	500.1	0	0	0	0	0	58.8	0	0	510	0	0	0
1991	567.6	569.57	-1.97	15.03	21.4	43.75	2.34	0	500.1	0	0	0	0	0	59.57	0	0	510	0	0	0
1992	535.83	560.12	-24.29	14.07	19.45	12.81	2.09	0	501.47	0	0	0	0	0	58.63	0	0	501.49	8.51	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
568.58	549.35	19.23	16.98	23.35	40.52	3.24	0	501.47	0	0	0	0	0	58.79	0	0	490.57	19.43	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Pondst\Dew 15 yr\Dew--86-00\Dew--86-00.pnd
File Creation Date : Sep 16, 2008 11:16:27
File Last Modified Date : Sep 16, 2008 14:07:42
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1986-2000
Simulation Start Date : Jan 01, 1986
Simulation End Date : Dec 31, 2000
Simulation Run Date : Sep 16, 2008 14:07
SPAW Interface Version : Sep 16, 2008 14:07:42
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--86-00 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--86-00\Dew 15 yr--86-00.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--86-00 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--86-00\Dew 15 yr--86-00.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1986	598.32	415.02	183.3	22.02	27.67	64.38	6.16	0	500.1	0	0	0	0	0	54.54	0	0	360.48	149.52	0	0
1987	523.13	561.51	-38.38	12.37	17.3	3.75	1.98	0	500.1	0	0	0	0	0	58.87	0	0	502.64	7.36	0	0
1988	551.34	552.84	-1.5	13.79	18.88	28.13	2.86	0	501.47	0	0	0	0	0	58.13	0	0	494.71	15.29	0	0
1989	525.17	520.74	4.43	15.58	20.46	0.94	3.67	0	500.1	0	0	0	0	0	57.51	0	0	463.23	46.77	0	0
1990	588.54	568.75	19.79	19.14	26.21	58.13	4.1	0	500.1	0	0	0	0	0	58.75	0	0	510	0	0	0
1991	567.58	569.48	-1.89	15.03	21.37	43.75	2.36	0	500.1	0	0	0	0	0	59.48	0	0	510	0	0	0
1992	535.82	558.04	-22.22	14.07	19.43	12.81	2.11	0	501.47	0	0	0	0	0	58.56	0	0	499.48	10.52	0	0
1993	602.75	568.98	33.77	22.3	30.88	67.5	4.27	0	500.1	0	0	0	0	0	58.98	0	0	510	0	0	0
1994	524.33	554.08	-29.75	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.66	0	0	495.41	14.59	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
570.11	550.68	19.43	17.06	23.55	41.88	3.21	0	501.47	0	0	0	0	0	59.18	0	0	491.51	18.49	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--87-01\Dew--87-01.pnd
File Creation Date : Sep 16, 2008 12:34:17
File Last Modified Date : Sep 16, 2008 14:09:04
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1987-2001
Simulation Start Date : Jan 01, 1987
Simulation End Date : Dec 31, 2001
Simulation Run Date : Sep 16, 2008 14:09
SPAW Interface Version : Sep 16, 2008 14:09:03
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--87-01	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--87-01\Dew 15 yr--87-01.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--87-01	375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--87-01\Dew 15 yr--87-01.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1987	521.15	376.23	144.92	12.37	15.52	2.5	3.03	0	500.1	0	0	0	0	0	53.91	0	0	322.32	187.68	0	0
1988	536.63	538.13	-1.5	13.79	18.8	13.44	2.92	0	501.47	0	0	0	0	0	57.84	0	0	480.28	29.72	0	0
1989	525.17	520.74	4.43	15.58	20.46	0.94	3.67	0	500.1	0	0	0	0	0	57.51	0	0	463.23	46.77	0	0
1990	581.34	568.67	12.67	19.14	26.18	50.94	4.12	0	500.1	0	0	0	0	0	58.67	0	0	510	0	0	0
1991	567.54	569.17	-1.64	15.03	21.27	43.75	2.42	0	500.1	0	0	0	0	0	59.17	0	0	510	0	0	0
1992	535.78	551.15	-15.37	14.07	19.34	12.81	2.15	0	501.47	0	0	0	0	0	58.34	0	0	492.81	17.19	0	0
1993	602.44	568.97	33.47	22.3	30.88	67.19	4.27	0	500.1	0	0	0	0	0	58.97	0	0	510	0	0	0
1994	524.33	553.77	-29.44	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.65	0	0	495.12	14.88	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.48	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
566.64	547.43	19.2	16.8	23.37	38.75	3.04	0	501.47	0	0	0	0	0	59.41	0	0	488.03	21.97	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--88-02\Dew--88-02.pnd
File Creation Date : Sep 16, 2008 12:36:02
File Last Modified Date : Sep 16, 2008 14:10:46
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1988-2002
Simulation Start Date : Jan 01, 1988
Simulation End Date : Dec 31, 2002
Simulation Run Date : Sep 16, 2008 14:10
SPAW Interface Version : Sep 16, 2008 14:10:45
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--88-02 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--88-02\Dew 15 yr--88-02.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--88-02 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--88-02\Dew 15 yr--88-02.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
32.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1988	535.47	392.05	143.42	13.4	16.71	13.44	3.84	0	501.47	0	0	0	0	0	53.98	0	0	338.07	171.53	0	0
1989	525.17	520.74	4.43	15.58	20.46	0.94	3.67	0	500.1	0	0	0	0	0	57.51	0	0	463.23	46.77	0	0
1990	581.34	568.67	12.67	19.14	26.18	50.94	4.12	0	500.1	0	0	0	0	0	58.67	0	0	510	0	0	0
1991	567.54	569.17	-1.64	15.03	21.27	43.75	2.42	0	500.1	0	0	0	0	0	59.17	0	0	510	0	0	0
1992	535.78	551.15	-15.37	14.07	19.34	12.81	2.15	0	501.47	0	0	0	0	0	58.34	0	0	492.81	17.19	0	0
1993	602.44	568.97	33.47	22.3	30.88	87.19	4.27	0	500.1	0	0	0	0	0	58.97	0	0	510	0	0	0
1994	524.33	553.77	-29.44	12	16.44	5.63	2.16	0	500.1	0	0	0	0	0	58.65	0	0	495.12	14.88	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
567.24	550.79	16.46	16.82	23.46	39.29	3.01	0	501.47	0	0	0	0	0	59.73	0	0	491.06	18.94	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--89-03\Dew--89-03.pnd
File Creation Date : Sep 16, 2008 12:38:15
File Last Modified Date : Sep 16, 2008 14:12:11
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1989-2003
Simulation Start Date : Jan 01, 1989
Simulation End Date : Dec 31, 2003
Simulation Run Date : Sep 16, 2008 14:12
SPAW Interface Version : Sep 16, 2008 14:12:10
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--89-03 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--89-03\pin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--89-03 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--89-03\pin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1989	524.44	376.59	147.85	15.49	19.17	0.94	4.23	0	500.1	0	0	0	0	0	53.89	0	0	322.7	187.3	0	0
1990	580.4	568.64	11.76	19.14	26.17	50	4.13	0	500.1	0	0	0	0	0	58.64	0	0	510	0	0	0
1991	567.53	569.13	-1.6	15.03	21.25	43.75	2.42	0	500.1	0	0	0	0	0	59.13	0	0	510	0	0	0
1992	535.46	549.95	-14.49	14.07	19.33	12.5	2.16	0	501.47	0	0	0	0	0	58.3	0	0	491.65	18.35	0	0
1993	601.81	568.96	32.85	22.3	30.88	66.56	4.27	0	500.1	0	0	0	0	0	58.96	0	0	510	0	0	0
1994	524.33	553.16	-28.83	12	16.43	5.63	2.16	0	500.1	0	0	0	0	0	58.63	0	0	494.52	15.48	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0
2003	541.02	571.45	-30.43	14.69	21.27	17.5	2.14	0	500.1	0	0	0	0	0	61.45	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
567.53	553.01	14.52	16.9	23.68	39.44	2.94	0	501.47	0	0	0	0	0	59.98	0	0	493.03	16.97	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew-90-04\Dew-90-04.pnd
File Creation Date : Sep 16, 2008 14:22:34
File Last Modified Date : Sep 16, 2008 14:22:34
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1990-2004
Simulation Start Date : Jan 01, 1990
Simulation End Date : Dec 31, 2004
Simulation Run Date : Sep 16, 2008 14:22
SPAW Interface Version : Sep 16, 2008 14:22:34
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-90-04 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-90-04.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-90-04 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-90-04.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1990	574.82	425.57	149.25	19.11	23.99	45.31	5.4	0	500.1	0	0	0	0	0	54.12	0	0	371.44	138.56	0	0
1991	562.15	566.79	-4.64	15.03	21.09	38.44	2.52	0	500.1	0	0	0	0	0	58.61	0	0	508.18	1.82	0	0
1992	534.12	535.2	-1.08	14.07	19.16	11.25	2.24	0	501.47	0	0	0	0	0	57.86	0	0	477.35	32.65	0	0
1993	579.88	568.59	11.29	22.3	30.76	44.69	4.33	0	500.1	0	0	0	0	0	58.59	0	0	510	0	0	0
1994	524.24	531.51	-7.27	12	16.26	5.63	2.25	0	500.1	0	0	0	0	0	57.94	0	0	473.57	36.43	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0
2003	541.02	571.45	-30.43	14.69	21.27	17.5	2.14	0	500.1	0	0	0	0	0	61.45	0	0	510	0	0	0
2004	528.9	569.5	-40.6	12.19	16.39	9.06	1.97	0	501.47	0	0	0	0	0	59.5	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
565.71	553.73	11.99	16.84	23.53	37.77	2.93	0	501.47	0	0	0	0	0	59.91	0	0	493.81	16.19	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--91-05\Dew--91-05.pnd
File Creation Date : Sep 16, 2008 14:29:45
File Last Modified Date : Sep 16, 2008 14:29:45
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1991-2005
Simulation Start Date : Jan 01, 1991
Simulation End Date : Dec 31, 2005
Simulation Run Date : Sep 16, 2008 14:29
SPAW Interface Version : Sep 16, 2008 14:29:45
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--91-05 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--91-05\Dew 15 yr--91-05.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--91-05 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--91-05\Dew 15 yr--91-05.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1991	539.4	394.8	144.6	14.99	19.1	16.56	3.63	0	500.1	0	0	0	0	0	54.07	0	0	340.72	169.28	0	0
1992	534.12	535.2	-1.08	14.07	19.16	11.25	2.24	0	501.47	0	0	0	0	0	57.86	0	0	477.35	32.65	0	0
1993	577.05	568.49	8.56	22.3	30.72	41.88	4.35	0	500.1	0	0	0	0	0	58.49	0	0	510	0	0	0
1994	524.23	528.77	-4.54	12	16.23	5.63	2.26	0	500.1	0	0	0	0	0	57.85	0	0	470.91	39.09	0	0
1995	553.64	535.54	18.1	18.32	24.86	25.31	3.37	0	500.1	0	0	0	0	0	58.09	0	0	477.46	32.54	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0
2003	541.02	571.45	-30.43	14.69	21.27	17.5	2.14	0	500.1	0	0	0	0	0	61.45	0	0	510	0	0	0
2004	528.9	569.5	-40.6	12.19	16.39	9.06	1.97	0	501.47	0	0	0	0	0	59.5	0	0	510	0	0	0
2005	651.39	571.39	80	20.16	29.02	118.75	3.51	0	500.1	0	0	0	0	0	61.39	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
569.11	551.79	17.32	16.9	23.73	41.02	2.88	0	501.47	0	0	0	0	0	60.08	0	0	491.71	18.29	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--92-06\Dew--92-06.pnd
File Creation Date : Sep 16, 2008 14:31:28
File Last Modified Date : Sep 16, 2008 14:31:28
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1992-2006
Simulation Start Date : Jan 01, 1992
Simulation End Date : Dec 31, 2006
Simulation Run Date : Sep 16, 2008 14:31
SPAW Interface Version : Sep 16, 2008 14:31:28
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--92-06 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--92-06\Dew 15 yr--92-06.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--92-06 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--92-06\Dew 15 yr--92-06.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1992	533.34	389.82	143.52	14.07	17.52	11.25	3.09	0	501.47	0	0	0	0	0	54.03	0	0	335.79	174.21	0	0
1993	568.91	561.03	7.88	22.3	30.69	33.75	4.36	0	500.1	0	0	0	0	0	58.38	0	0	502.65	7.35	0	0
1994	524.22	528.08	-3.85	12	16.23	5.63	2.27	0	500.1	0	0	0	0	0	57.83	0	0	470.24	39.76	0	0
1995	548.63	530.53	18.1	18.32	24.84	20.31	3.37	0	500.1	0	0	0	0	0	57.99	0	0	472.54	37.46	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0
2003	541.02	571.45	-30.43	14.69	21.27	17.5	2.14	0	500.1	0	0	0	0	0	61.45	0	0	510	0	0	0
2004	528.9	569.5	-40.6	12.19	16.39	9.06	1.97	0	501.47	0	0	0	0	0	59.5	0	0	510	0	0	0
2005	651.39	571.39	80	20.16	29.02	118.75	3.51	0	500.1	0	0	0	0	0	61.39	0	0	510	0	0	0
2006	536.12	571.5	-35.38	13.22	19.04	15	1.98	0	500.1	0	0	0	0	0	61.5	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
567.96	553	14.96	16.79	23.62	40.04	2.83	0	501.47	0	0	0	0	0	60.31	0	0	492.69	17.31	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Dew 15 yr\Dew--93-07\Dew--93-07.pnd
File Creation Date : Sep 16, 2008 14:44:30
File Last Modified Date : Sep 16, 2008 14:44:30
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1993-2007
Simulation Start Date : Jan 01, 1993
Simulation End Date : Dec 31, 2007
Simulation Run Date : Sep 16, 2008 14:44
SPAW Interface Version : Sep 16, 2008 14:44:30
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--93-07 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr--93-07\fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--93-07 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr--93-07\fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1993	565.56	414.16	151.4	21.42	27.05	32.81	5.59	0	500.1	0	0	0	0	0	54.23	0	0	359.93	150.07	0	0
1994	524.22	528.08	-3.85	12	16.23	5.63	2.27	0	500.1	0	0	0	0	0	57.83	0	0	470.24	39.76	0	0
1995	548.63	530.53	18.1	18.32	24.84	20.31	3.37	0	500.1	0	0	0	0	0	57.99	0	0	472.54	37.46	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	579.21	568.72	10.49	17.73	24.5	51.56	3.04	0	500.1	0	0	0	0	0	58.72	0	0	510	0	0	0
1998	651.25	569.81	81.44	24.29	33.37	112.5	5.27	0	500.1	0	0	0	0	0	59.81	0	0	510	0	0	0
1999	606.67	573.4	33.28	17.17	25.67	78.75	2.15	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2000	578.95	574.6	4.34	14.51	22	54.06	1.41	0	501.47	0	0	0	0	0	64.6	0	0	510	0	0	0
2001	570.5	573.87	-3.38	18.1	27.15	40.94	2.31	0	500.1	0	0	0	0	0	63.87	0	0	510	0	0	0
2002	531.41	572.62	-41.21	13.1	18.99	10.63	1.7	0	500.1	0	0	0	0	0	62.62	0	0	510	0	0	0
2003	541.02	571.45	-30.43	14.69	21.27	17.5	2.14	0	500.1	0	0	0	0	0	61.45	0	0	510	0	0	0
2004	528.9	569.5	-40.6	12.19	16.39	9.06	1.97	0	501.47	0	0	0	0	0	59.5	0	0	510	0	0	0
2005	651.39	571.39	80	20.16	29.02	118.75	3.51	0	500.1	0	0	0	0	0	61.39	0	0	510	0	0	0
2006	536.12	571.5	-35.38	13.22	19.04	15	1.98	0	500.1	0	0	0	0	0	61.5	0	0	510	0	0	0
2007	555.52	570.57	-15.05	14.34	20.1	32.81	2.51	0	500.1	0	0	0	0	0	60.57	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
569.43	555.27	14.16	16.82	23.65	41.42	2.89	0	501.47	0	0	0	0	0	60.47	0	0	494.79	15.21	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew-94-80\Dew-94-80.pnd
File Creation Date : Sep 16, 2008 14:46:58
File Last Modified Date : Sep 16, 2008 14:46:58
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1994-1980
Simulation Start Date : Jan 01, 1994
Simulation End Date : Dec 31, 2008
Simulation Run Date : Sep 16, 2008 14:46
SPAW Interface Version : Sep 16, 2008 14:46:58
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-94-80 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-94-80.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-94-80 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr-94-80.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1994	523.64	376.1	147.54	12	15.01	5.63	2.91	0	500.1	0	0	0	0	0	53.93	0	0	322.17	187.83	0	0
1995	546.43	528.33	18.1	18.32	24.83	18.13	3.37	0	500.1	0	0	0	0	0	57.94	0	0	470.39	39.61	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	576.7	588.67	8.03	17.73	24.48	49.06	3.05	0	500.1	0	0	0	0	0	58.67	0	0	510	0	0	0
1998	650.91	569.7	81.21	24.29	33.31	112.19	5.31	0	500.1	0	0	0	0	0	59.7	0	0	510	0	0	0
1999	606.66	573.29	33.37	17.17	25.62	78.75	2.18	0	500.1	0	0	0	0	0	63.29	0	0	510	0	0	0
2000	578.93	574.5	4.44	14.51	21.96	54.06	1.43	0	501.47	0	0	0	0	0	64.5	0	0	510	0	0	0
2001	570.48	573.77	-3.29	18.1	27.11	40.94	2.34	0	500.1	0	0	0	0	0	63.77	0	0	510	0	0	0
2002	531.4	572.52	-41.12	13.1	18.96	10.63	1.71	0	500.1	0	0	0	0	0	62.52	0	0	510	0	0	0
2003	541.01	571.35	-30.34	14.69	21.24	17.5	2.16	0	500.1	0	0	0	0	0	61.35	0	0	510	0	0	0
2004	528.88	569.41	-40.53	12.19	16.36	9.06	1.98	0	501.47	0	0	0	0	0	59.41	0	0	510	0	0	0
2005	651.38	571.3	80.08	20.16	28.98	118.75	3.54	0	500.1	0	0	0	0	0	61.3	0	0	510	0	0	0
2006	536.11	571.41	-35.3	13.22	19.02	15	1.99	0	500.1	0	0	0	0	0	61.41	0	0	510	0	0	0
2007	555.51	570.49	-14.98	14.34	20.07	32.81	2.52	0	500.1	0	0	0	0	0	60.49	0	0	510	0	0	0
2008	562.97	570.31	-7.35	16.74	23.85	34.69	2.95	0	501.47	0	0	0	0	0	60.31	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
568.66	555.32	13.34	16.43	23.22	41.21	2.75	0	501.47	0	0	0	0	0	60.54	0	0	494.78	15.22	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Dew 15 yr\Dew-95-81\Dew-95-81.pnd
File Creation Date : Sep 16, 2008 14:49:40
File Last Modified Date : Sep 16, 2008 14:49:41
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1995-1981
Simulation Start Date : Jan 01, 1995
Simulation End Date : Dec 31, 2009
Simulation Run Date : Sep 16, 2008 14:49
SPAW Interface Version : Sep 16, 2008 14:49:40
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-95-81 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr-95-81\Dew 15 yr-95-81.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-95-81 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr-95-81\Dew 15 yr-95-81.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1995	542.95	377.31	165.64	18.14	22.89	15.94	4.02	0	500.1	0	0	0	0	0	54.08	0	0	323.23	185.77	0	0
1996	549.88	568.06	-18.19	17.59	24.17	20.94	3.29	0	501.47	0	0	0	0	0	58.89	0	0	509.18	0.82	0	0
1997	566.95	568.35	-1.39	17.73	24.37	39.38	3.11	0	500.1	0	0	0	0	0	58.35	0	0	510	0	0	0
1998	650.21	569.29	80.92	24.29	33.08	111.56	5.46	0	500.1	0	0	0	0	0	59.29	0	0	510	0	0	0
1999	606.59	572.89	33.71	17.17	25.47	78.75	2.27	0	500.1	0	0	0	0	0	62.89	0	0	510	0	0	0
2000	578.88	574.12	4.77	14.51	21.84	54.06	1.51	0	501.47	0	0	0	0	0	64.12	0	0	510	0	0	0
2001	570.43	573.4	-2.97	18.1	26.95	40.94	2.43	0	500.1	0	0	0	0	0	63.4	0	0	510	0	0	0
2002	531.34	572.16	-40.81	13.1	18.85	10.63	1.77	0	500.1	0	0	0	0	0	62.16	0	0	510	0	0	0
2003	540.96	571	-30.04	14.69	21.12	17.5	2.23	0	500.1	0	0	0	0	0	61	0	0	510	0	0	0
2004	528.83	567.76	-38.94	12.19	16.27	9.06	2.02	0	501.47	0	0	0	0	0	59.07	0	0	508.69	1.31	0	0
2005	651.33	571.02	80.31	20.16	28.86	118.75	3.62	0	500.1	0	0	0	0	0	61.02	0	0	510	0	0	0
2006	536.08	571.15	-35.07	13.22	18.94	15	2.04	0	500.1	0	0	0	0	0	61.15	0	0	510	0	0	0
2007	555.47	570.23	-14.76	14.34	19.98	32.81	2.57	0	500.1	0	0	0	0	0	60.23	0	0	510	0	0	0
2008	562.93	570.07	-7.13	16.74	23.76	34.69	3.01	0	501.47	0	0	0	0	0	60.07	0	0	510	0	0	0
2009	564.47	569.22	-4.74	13.46	18.67	43.13	2.57	0	500.1	0	0	0	0	0	59.22	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
570.42	557.78	12.65	16.52	23.24	42.88	2.83	0	501.47	0	0	0	0	0	60.37	0	0	497.41	12.59	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yr\Dew--96-82\Dew--96-82.pnd
File Creation Date : Sep 16, 2008 14:51:02
File Last Modified Date : Sep 16, 2008 14:51:03
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1996-1982
Simulation Start Date : Jan 01, 1996
Simulation End Date : Dec 31, 2010
Simulation Run Date : Sep 16, 2008 14:51
SPAW Interface Version : Sep 16, 2008 14:51:02
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--96-82 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--96-82\Dew 15 yr--96-82.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--96-82 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yr\Dew 15 yr--96-82\Dew 15 yr--96-82.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1996	543.74	396.28	147.46	17.59	22.24	15.63	4.4	0	501.47	0	0	0	0	0	54.2	0	0	342.08	167.92	0	0
1997	557.25	559.86	-2.61	17.73	24.34	29.69	3.12	0	500.1	0	0	0	0	0	58.22	0	0	501.63	8.37	0	0
1998	647.69	569.2	78.49	24.29	33.03	109.06	5.49	0	500.1	0	0	0	0	0	59.2	0	0	510	0	0	0
1999	598.4	572.44	25.96	17.17	25.3	70.63	2.37	0	500.1	0	0	0	0	0	62.44	0	0	510	0	0	0
2000	578.82	573.65	5.17	14.51	21.68	54.06	1.6	0	501.47	0	0	0	0	0	63.65	0	0	510	0	0	0
2001	570.36	572.95	-2.59	18.1	26.77	40.94	2.55	0	500.1	0	0	0	0	0	62.95	0	0	510	0	0	0
2002	531.28	571.72	-40.44	13.1	18.72	10.63	1.83	0	500.1	0	0	0	0	0	61.72	0	0	510	0	0	0
2003	540.9	570.57	-29.67	14.69	20.98	17.5	2.31	0	500.1	0	0	0	0	0	60.57	0	0	510	0	0	0
2004	528.77	557.86	-29.08	12.19	16.18	9.06	2.06	0	501.47	0	0	0	0	0	58.74	0	0	499.11	10.89	0	0
2005	651.33	571.02	80.31	20.16	28.86	118.75	3.62	0	500.1	0	0	0	0	0	61.02	0	0	510	0	0	0
2006	536.08	571.15	-35.07	13.22	18.94	15	2.04	0	500.1	0	0	0	0	0	61.15	0	0	510	0	0	0
2007	555.47	570.23	-14.76	14.34	19.98	32.81	2.57	0	500.1	0	0	0	0	0	60.23	0	0	510	0	0	0
2008	562.93	570.07	-7.13	16.74	23.76	34.69	3.01	0	501.47	0	0	0	0	0	60.07	0	0	510	0	0	0
2009	564.47	569.22	-4.74	13.46	18.67	43.13	2.57	0	500.1	0	0	0	0	0	59.22	0	0	510	0	0	0
2010	587.02	569.55	17.47	21.88	30.21	52.81	3.9	0	500.1	0	0	0	0	0	58.55	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
571.57	557.76	13.81	16.77	23.53	43.63	2.94	0	501.47	0	0	0	0	0	60.24	0	0	497.52	12.48	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Dew 15 yr\Dew--97-83\Dew--97-83.pnd
File Creation Date : Sep 16, 2008 14:52:47
File Last Modified Date : Sep 16, 2008 14:52:48
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1997-1983
Simulation Start Date : Jan 01, 1997
Simulation End Date : Dec 31, 2011
Simulation Run Date : Sep 16, 2008 14:52
SPAW Interface Version : Sep 16, 2008 14:52:47
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--97-83 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr--97-83\pin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--97-83 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr--97-83\pin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Imig ac-ft	Imig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1997	555.36	410.51	144.85	17.73	22.18	28.75	4.32	0	500.1	0	0	0	0	0	54.06	0	0	356.45	153.55	0	0
1998	612	568.91	43.09	24.29	32.84	73.44	5.62	0	500.1	0	0	0	0	0	58.91	0	0	510	0	0	0
1999	598.17	570.96	27.2	17.17	24.73	70.63	2.71	0	500.1	0	0	0	0	0	60.96	0	0	510	0	0	0
2000	578.62	572.24	6.38	14.51	21.22	54.06	1.87	0	501.47	0	0	0	0	0	62.24	0	0	510	0	0	0
2001	570.15	571.58	-1.43	18.1	26.2	40.94	2.91	0	500.1	0	0	0	0	0	61.58	0	0	510	0	0	0
2002	531.08	570.38	-39.3	13.1	18.32	10.63	2.03	0	500.1	0	0	0	0	0	60.38	0	0	510	0	0	0
2003	540.71	569.27	-28.56	14.69	20.55	17.5	2.56	0	500.1	0	0	0	0	0	59.27	0	0	510	0	0	0
2004	528.61	528.16	0.45	12.19	15.93	9.06	2.15	0	501.47	0	0	0	0	0	57.8	0	0	470.37	39.63	0	0
2005	651.33	571.02	80.31	20.16	28.86	118.75	3.62	0	500.1	0	0	0	0	0	81.02	0	0	510	0	0	0
2006	536.08	571.15	-35.07	13.22	18.94	15	2.04	0	500.1	0	0	0	0	0	61.15	0	0	510	0	0	0
2007	555.47	570.23	-14.76	14.34	19.98	32.81	2.57	0	500.1	0	0	0	0	0	60.23	0	0	510	0	0	0
2008	562.93	570.07	-7.13	16.74	23.76	34.69	3.01	0	501.47	0	0	0	0	0	60.07	0	0	510	0	0	0
2009	564.47	569.22	-4.74	13.46	18.67	43.13	2.57	0	500.1	0	0	0	0	0	59.22	0	0	510	0	0	0
2010	587.02	569.55	17.47	21.88	30.21	52.81	3.9	0	500.1	0	0	0	0	0	59.55	0	0	510	0	0	0
2011	567	569.93	-2.93	16.16	22.4	41.56	2.93	0	500.1	0	0	0	0	0	59.93	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Imig ac-ft	Imig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
570.75	556.93	13.82	16.74	23.3	42.92	3.05	0	501.47	0	0	0	0	0	59.8	0	0	497.12	12.88	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Dew 15 yrDew-98-84\Dew-98-84.pnd
File Creation Date : Sep 16, 2008 14:58:35
File Last Modified Date : Sep 16, 2008 14:58:36
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1998-1984
Simulation Start Date : Jan 01, 1998
Simulation End Date : Dec 31, 2012
Simulation Run Date : Sep 16, 2008 14:58
SPAW Interface Version : Sep 16, 2008 14:58:35
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-98-84 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yrDew 15 yr-98-84\Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils-0.6 in/5th day-98-84 375.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Dew 15-yrDew 15 yr-98-84\Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	558.33

POND PROFILE

MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1998	593.88	419.31	174.56	24.29	30.47	56.25	7.06	0	500.1	0	0	0	0	0	54.41	0	0	364.91	145.09	0	0
1999	586.47	570.05	16.42	17.17	24.42	59.06	2.89	0	500.1	0	0	0	0	0	60.05	0	0	510	0	0	0
2000	578.48	571.23	7.25	14.51	20.89	54.06	2.06	0	501.47	0	0	0	0	0	61.23	0	0	510	0	0	0
2001	567.19	570.56	-3.37	18.1	25.79	38.13	3.16	0	500.1	0	0	0	0	0	60.56	0	0	510	0	0	0
2002	530.92	569.32	-38.4	13.1	18	10.63	2.19	0	500.1	0	0	0	0	0	59.32	0	0	510	0	0	0
2003	540.58	552.67	-12.09	14.69	20.23	17.5	2.74	0	500.1	0	0	0	0	0	58.39	0	0	494.28	15.72	0	0
2004	528.58	520.27	8.31	12.19	15.87	9.06	2.17	0	501.47	0	0	0	0	0	57.55	0	0	462.71	47.29	0	0
2005	651.33	571.02	80.31	20.16	28.86	118.75	3.62	0	500.1	0	0	0	0	0	61.02	0	0	510	0	0	0
2006	536.08	571.15	-35.07	13.22	18.94	15	2.04	0	500.1	0	0	0	0	0	61.15	0	0	510	0	0	0
2007	555.47	570.23	-14.76	14.34	19.98	32.81	2.57	0	500.1	0	0	0	0	0	60.23	0	0	510	0	0	0
2008	562.93	570.07	-7.13	16.74	23.76	34.69	3.01	0	501.47	0	0	0	0	0	60.07	0	0	510	0	0	0
2009	564.47	569.22	-4.74	13.46	18.67	43.13	2.57	0	500.1	0	0	0	0	0	59.22	0	0	510	0	0	0
2010	587.02	569.55	17.47	21.88	30.21	52.81	3.9	0	500.1	0	0	0	0	0	59.55	0	0	510	0	0	0
2011	567	569.93	-2.93	16.16	22.4	41.56	2.93	0	500.1	0	0	0	0	0	59.93	0	0	510	0	0	0
2012	563.52	570.24	-6.72	16.9	24.19	35.63	2.23	0	501.47	0	0	0	0	0	60.24	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
568.86	555.7	13.17	16.62	23.06	41.27	3.06	0	501.47	0	0	0	0	0	59.57	0	0	496.13	13.87	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Dew 15 yr\Dew--99-85\Dew--99-85.pnd
File Creation Date : Sep 16, 2008 15:00:42
File Last Modified Date : Sep 16, 2008 15:00:42
Description : 510 AF Pond using TP1, TP2, TP5 Dewey soils, 0.6 in/5th da, 375 ac, 1999-1985
Simulation Start Date : Jan 01, 1999
Simulation End Date : Dec 31, 2013
Simulation Run Date : Sep 16, 2008 15:00
SPAW Interface Version : Sep 16, 2008 15:00:42
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--99-85 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr--99-85\Dew 15 yr--99-85.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Dewey TP1, TP2, TP5 Revised Soils--0.6 in/5th day--99-85 375.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Dew 15-yr\Dew 15 yr--99-85\Dew 15 yr--99-85.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	14.05	0.00
5.00	14.96	72.53
10.00	15.90	149.68
15.00	16.87	231.60
20.00	17.87	318.45
25.00	18.90	410.38
30.00	19.95	507.50
33.00	20.60	568.33

POND PROFILE

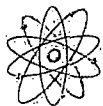
MAX AREA (AC) = 20.49
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 558.19
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1999	550.68	407.06	143.62	17.17	21.69	24.38	4.52	0	500.1	0	0	0	0	0	54.08	0	0	352.98	157.02	0	0
2000	578.21	569.23	8.98	14.51	20.23	54.06	2.44	0	501.47	0	0	0	0	0	58.23	0	0	510	0	0	0
2001	566.9	568.62	-1.73	18.1	25	38.13	3.67	0	500.1	0	0	0	0	0	58.62	0	0	510	0	0	0
2002	530.68	537.18	-6.5	13.1	17.51	10.63	2.45	0	500.1	0	0	0	0	0	57.75	0	0	479.43	30.57	0	0
2003	540.52	540.51	0	14.69	20.09	17.5	2.83	0	500.1	0	0	0	0	0	58	0	0	482.52	27.48	0	0
2004	528.58	520.27	8.31	12.19	15.87	9.06	2.17	0	501.47	0	0	0	0	0	57.55	0	0	462.71	47.29	0	0
2005	651.33	571.02	80.31	20.16	28.86	118.75	3.62	0	500.1	0	0	0	0	0	61.02	0	0	510	0	0	0
2006	536.08	571.15	-35.07	13.22	18.94	15	2.04	0	500.1	0	0	0	0	0	61.15	0	0	510	0	0	0
2007	555.47	570.23	-14.76	14.34	19.98	32.81	2.57	0	500.1	0	0	0	0	0	60.23	0	0	510	0	0	0
2008	562.93	570.07	-7.13	16.74	23.76	34.69	3.01	0	501.47	0	0	0	0	0	60.07	0	0	510	0	0	0
2009	564.47	569.22	-4.74	13.46	18.67	43.13	2.57	0	500.1	0	0	0	0	0	59.22	0	0	510	0	0	0
2010	587.02	569.55	17.47	21.88	30.21	52.81	3.9	0	500.1	0	0	0	0	0	59.55	0	0	510	0	0	0
2011	567	569.93	-2.93	16.16	22.4	41.56	2.93	0	500.1	0	0	0	0	0	59.93	0	0	510	0	0	0
2012	563.52	570.24	-6.72	16.9	24.19	35.63	2.23	0	501.47	0	0	0	0	0	60.24	0	0	510	0	0	0
2013	550.08	569.62	-19.53	11.75	16.39	31.88	1.71	0	500.1	0	0	0	0	0	59.62	0	0	510	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
563.5	551.64	11.87	15.78	21.8	37.33	2.89	0	501.47	0	0	0	0	0	59.13	0	0	492.51	17.49	0	0



POWERTECH (USA) INC.

SPAW MODEL RESULTS

BURDOCK FIELD

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-80-94\Bur 15 yr-80-94.spw
File Creation Date : Sep 17, 2008 09:25:56
File Last Modified Date : Sep 17, 2008 09:25:56
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--80-94
Simulation Start Date : Jan 01, 1980
Simulation End Date : Dec 31, 1994
Simulation Run Date : Sep 17, 2008 09:25
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--80-94
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-80-94\Bur 15 yr-80-94.fld (Sep 16, 2008 00:00)
Climate : Dewey Burdock 81-94 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8094 - Jan 01, 1980 to Dec 31, 1994
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.txt (Sep 15, 2008 00:00)
Air Temperature : SD8094 - Jan 01, 1980 to Dec 31, 1994
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\80-94.txt (Sep 15, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPOD in	DLT-SM in	STRESS	YLDRED
1980	44.04	26.22	6.93	12.26	7.03	16.33	12.27	0.27	21.3	0.49	0	1.61	17.5	0
1981	44	25.29	7.05	11.78	6.45	13.46	12.27	1.01	18.26	-0.17	0	-0.4	19.62	0
1982	44	28.2	8.4	11.27	8.53	21.88	12.27	0.3	25.33	1.45	0	4.21	8.57	0
1983	44	27.8	8.21	12.11	7.48	16.16	12.27	2.11	18.84	-0.46	0	-1.02	4.23	0
1984	44.04	29.09	9.24	11.78	8.07	16.89	12.27	1.07	20.02	-0.12	0	-0.87	4.52	0
1985	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.27	0
1986	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
1987	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
1988	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
1989	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
1990	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
1991	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPOD in	DLT-SM in	STRESS	YLDRED
44.04	27.33	7.98	11.99	7.35	16.29	12.27	0.99	20.22	0.06	0	0.19	7.9	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--81-95\Bur 15 yr--81-95.spw
File Creation Date : Sep 17, 2008 09:27:28
File Last Modified Date : Sep 17, 2008 09:27:29
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--81-95
Simulation Start Date : Jan 01, 1981
Simulation End Date : Dec 31, 1995
Simulation Run Date : Sep 17, 2008 09:27
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--81-95
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--81-95\Bur 15 yr--81-95.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 81-95 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8195 - Jan 01, 1981 to Dec 31, 1995
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.txt (Sep 16, 2008 00:00)
Air Temperature : SD8195 - Jan 01, 1981 to Dec 31, 1995
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\81-95.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1981	44	24.09	6.92	10.71	6.45	13.46	12.27	1.01	18.26	0.05	0	0.58	49.16	0
1982	44	27.9	8.07	11.3	8.53	21.88	12.27	0.3	25.33	1.56	0	4.4	13.69	0
1983	44	27.59	7.96	12.15	7.48	16.16	12.27	1.75	19.2	-0.3	0	-0.61	4.3	0
1984	44.04	29.08	9.23	11.78	8.07	16.89	12.27	1.04	20.04	-0.12	0	-0.85	4.52	0
1985	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.28	0
1986	44	28.86	8.97	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
1987	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
1988	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
1989	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
1990	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
1991	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.39	8.04	11.87	7.48	16.42	12.27	0.98	20.24	0.08	0	0.25	9.43	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--82-96\Bur 15 yr--82-96.spw
File Creation Date : Sep 17, 2008 09:28:51
File Last Modified Date : Sep 17, 2008 09:28:52
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--82-96
Simulation Start Date : Jan 01, 1982
Simulation End Date : Dec 31, 1996
Simulation Run Date : Sep 17, 2008 09:28
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Sexton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--82-96
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--82-96\Bur 15 yr--82-96.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 82-96 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr82-96.cim (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evdp (Aug 23, 2008 00:00)
Precipitation : SD8296 - Jan 01, 1982 to Dec 31, 1996
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr82-96.txt (Sep 16, 2008 00:00)
Air Temperature : SD8296 - Jan 01, 1982 to Dec 31, 1996
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr82-96.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1982	44	27.65	7.93	11.24	8.48	21.83	12.27	0.3	25.33	1.49	0	4.67	26.36	0
1983	44	27.46	7.8	12.18	7.48	16.16	12.27	1.47	19.48	-0.18	0	-0.32	4.35	0
1984	44.04	29.07	9.22	11.78	8.07	16.89	12.27	1.02	20.06	-0.11	0	-0.83	4.52	0
1985	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.29	0
1986	44	28.86	8.97	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
1987	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
1988	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
1989	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
1990	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
1991	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.62	8.11	11.95	7.56	16.7	12.27	0.94	20.46	0.09	0	0.31	7.25	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--83-97\Bur 15 yr--83-97.spw
File Creation Date : Sep 17, 2008 09:29:54
File Last Modified Date : Sep 17, 2008 09:29:55
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--83-97
Simulation Start Date : Jan 01, 1983
Simulation End Date : Dec 31, 1997
Simulation Run Date : Sep 17, 2008 09:29
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--83-97
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--83-97\Bur 15 yr--83-97.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 83-97 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock evpd (Aug 23, 2008 00:00)
Precipitation : SD8397 - Jan 01, 1983 to Dec 31, 1997
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.txt (Sep 16, 2008 00:00)
Air Temperature : SD8397 - Jan 01, 1983 to Dec 31, 1997
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\83-97.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRNDLT-SM in	STRESS	YLDRED
1983	44	25.59	6.69	11.5	7.4	16.08	12.27	0.32	20.64	0.45	0	1.99	41.39
1984	44.04	28.1	8.09	11.94	8.07	16.89	12.27	0.44	20.65	0.4	0	0.22	8.14
1985	44	24.87	6.91	11.47	6.49	11.75	12.27	1.02	16.51	-0.58	0	-1.29	21.57
1986	44	28.53	8.59	11.6	8.34	23.59	12.27	1.23	26.29	1.5	0	4.6	4.15
1987	44	27.45	8.51	12.57	6.38	12.36	12.27	0.84	17.41	-0.8	0	-2.86	6.45
1988	44.04	25.79	6.87	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.72
1989	44	26.39	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.34
1990	44	29.03	9.45	12	7.57	19.14	12.27	0.95	22.88	0.4	0	1.03	3.68
1991	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRNDLT-SM in	STRESS	YLDRED
44.04	27.41	8	11.9	7.51	16.42	12.27	0.94	20.24	0.09	0	0.26	9.13

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--84-98\Bur 15 yr--84-98.spw
File Creation Date : Sep 17, 2008 09:31:18
File Last Modified Date : Sep 17, 2008 09:31:19
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--84-98
Simulation Start Date : Jan 01, 1984
Simulation End Date : Dec 31, 1998
Simulation Run Date : Sep 17, 2008 09:31
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--84-98
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--84-98\Bur 15 yr--84-98.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 84-98 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8498 - Jan 01, 1984 to Dec 31, 1998
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.bd (Sep 16, 2008 00:00)
Air Temperature : SD8498 - Jan 01, 1984 to Dec 31, 1998
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\84-98.bd (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\IDBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\IDBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
1984	44.04	26.52	7.35	11.36	7.82	15.65	12.27	0.44	19.66	0.2	0	0.75	34.5	0
1985	44	23.68	6.7	10.48	6.49	11.75	12.27	1.02	16.51	-0.22	0	-0.46	39.21	0
1986	44	28.31	8.35	11.62	8.34	23.59	12.27	1.23	26.29	1.6	0	4.73	5.43	0
1987	44	27.11	8.12	12.61	6.38	12.36	12.27	0.58	17.67	-0.62	0	-2.44	6.65	0
1988	44.04	25.76	6.85	12.51	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.15	6.96	0
1989	44	26.38	6.84	12.17	7.36	15.68	12.27	0.04	20.45	0.15	0	1.29	6.52	0
1990	44	29.02	9.44	12.01	7.57	19.14	12.27	0.93	22.91	0.41	0	1.06	3.68	0
1991	44	27.63	8.09	12.25	7.29	15.03	12.27	2.18	17.83	-0.54	0	-1.97	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	27.54	8.22	11.78	7.55	16.88	12.27	1.08	20.53	0.13	0	0.4	9.67	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--85-99\Bur 15 yr--85-99.spw
File Creation Date : Sep 17, 2008 09:32:43
File Last Modified Date : Sep 17, 2008 09:32:43
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--85-99
Simulation Start Date : Jan 01, 1985
Simulation End Date : Dec 31, 1999
Simulation Run Date : Sep 17, 2008 09:32
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--85-99
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--85-99\Bur 15 yr--85-99.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 85-99 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evdp (Aug 23, 2008 00:00)
Precipitation : SD8599 - Jan 01, 1985 to Dec 31, 1999
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.txt (Sep 16, 2008 00:00)
Air Temperature : SD8599 - Jan 01, 1985 to Dec 31, 1999
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\85-99.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
1985	44	22.95	6.62	9.84	6.49	11.75	12.27	1.02	16.51	-0.08	0	0.13	56.26	0
1986	44	28.25	8.3	11.61	8.34	23.59	12.27	1.23	26.29	1.61	0	4.77	5.95	0
1987	44	27.04	8.05	12.62	6.38	12.36	12.27	0.5	17.75	-0.58	0	-2.34	6.73	0
1988	44.04	25.75	6.84	12.51	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.14	7.05	0
1989	44	26.37	6.84	12.17	7.36	15.58	12.27	0.04	20.45	0.15	0	1.3	6.58	0
1990	44	29.01	9.43	12.01	7.57	19.14	12.27	0.92	22.92	0.41	0	1.07	3.69	0
1991	44	27.63	8.09	12.25	7.29	15.03	12.27	2.17	17.84	-0.54	0	-1.96	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	27.65	8.36	11.76	7.53	16.98	12.27	1.29	20.43	0.08	0	0.23	8.84	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--86-00\Bur 15 yr--86-00.spw
File Creation Date : Sep 17, 2008 09:33:55
File Last Modified Date : Sep 17, 2008 09:33:56
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--86-00
Simulation Start Date : Jan 01, 1986
Simulation End Date : Dec 31, 2000
Simulation Run Date : Sep 17, 2008 09:33
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--86-00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--86-00\Bur 15 yr--86-00.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 86-00 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr86-00.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8600 - Jan 01, 1986 to Dec 31, 2000
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr86-00.bt (Sep 16, 2008 00:00)
Air Temperature : SD8600 - Jan 01, 1986 to Dec 31, 2000
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr86-00.bt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPORN in	DLT-SM in	STRESS	YLDRED
1986	44	27.5	7.85	11.53	8.11	22.03	12.27	1.23	24.96	1.26	0	4.31	13.67	0
1987	44	26.79	7.76	12.66	6.38	12.36	12.27	0.1	18.16	-0.34	0	-1.91	7.27	0
1988	44.04	25.7	6.79	12.51	6.4	13.79	12.27	0.42	19.23	0.03	0	-0.1	7.57	0
1989	44	26.33	6.82	12.14	7.36	15.58	12.27	0.04	20.45	0.15	0	1.34	7	0
1990	44	28.98	9.39	12.02	7.57	19.14	12.27	0.87	22.97	0.43	0	1.12	3.7	0
1991	44	27.63	8.09	12.25	7.29	15.03	12.27	2.15	17.86	-0.53	0	-1.95	6.6	0
1992	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
1993	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPORN in	DLT-SM in	STRESS	YLDRED
44.04	27.87	8.4	11.9	7.57	17.06	12.27	1.29	20.47	0.05	0	0.13	6.22	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--87-01\Bur 15 yr--87-01.spw
File Creation Date : Sep 17, 2008 09:35:25
File Last Modified Date : Sep 17, 2008 09:35:26
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--87-01
Simulation Start Date : Jan 01, 1987
Simulation End Date : Dec 31, 2001
Simulation Run Date : Sep 17, 2008 09:35
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--87-01
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--87-01\Bur 15 yr--87-01.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 87-01 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\87-01.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8701 - Jan 01, 1987 to Dec 31, 2001
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\87-01.txt (Sep 16, 2008 00:00)
Air Temperature : SD8701 - Jan 01, 1987 to Dec 31, 2001
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\87-01.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\IDBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\IDBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1987	44	24.33	6.68	11.27	6.38	12.36	12.27	0.08	18.17	-0.02	0	0.24	40.16	0
1988	44.04	24.74	6.45	11.89	6.4	13.79	12.27	0.42	19.23	0.37	0	0.52	27.01	0
1989	44	25.53	6.64	11.52	7.36	15.58	12.27	0.04	20.45	0.33	0	1.96	18.54	0
1990	44	28.47	8.73	12.17	7.57	19.14	12.27	0.64	23.19	0.68	0	1.61	4.37	0
1991	44	27.53	7.98	12.26	7.29	15.03	12.27	1.65	18.36	-0.37	0	-1.51	6.66	0
1992	44.04	26.42	7.24	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.33	7.89	0
1993	44	28.93	8.82	11.09	9.01	22.31	12.27	2.62	22.95	0.46	0	2.57	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.52	8.23	11.78	7.52	16.8	12.27	1.24	20.31	0.07	0	0.23	10.01	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--88-02\Bur 15 yr--88-02.spw
File Creation Date : Sep 17, 2008 09:36:26
File Last Modified Date : Sep 17, 2008 09:36:26
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--88-02
Simulation Start Date : Jan 01, 1988
Simulation End Date : Dec 31, 2002
Simulation Run Date : Sep 17, 2008 09:36
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--88-02
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--88-02\Bur 15 yr--88-02.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 88-02 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\88-02.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8802 - Jan 01, 1988 to Dec 31, 2002
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\88-02.txt (Sep 16, 2008 00:00)
Air Temperature : SD8802 - Jan 01, 1988 to Dec 31, 2002
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\88-02.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
1988	44.04	24.38	6.3	11.69	6.39	13.4	12.27	0.42	18.85	0.25	0	0.61	37.37	0
1989	44	25.4	6.61	11.42	7.36	15.58	12.27	0.04	20.45	0.39	0	2.03	20.73	0
1990	44	28.43	8.68	12.18	7.57	19.14	12.27	0.64	23.19	0.7	0	1.63	4.46	0
1991	44	27.52	7.96	12.26	7.29	15.03	12.27	1.6	18.42	-0.35	0	-1.46	6.67	0
1992	44.04	26.42	7.24	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.33	7.89	0
1993	44	28.93	8.82	11.09	9.01	22.31	12.27	2.62	22.95	0.46	0	2.57	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	27.62	8.24	11.85	7.54	16.82	12.27	1.25	20.31	0.06	0	0.16	8.61	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--89-03\Bur 15 yr--89-03.spw
File Creation Date : Sep 17, 2008 09:37:40
File Last Modified Date : Sep 17, 2008 09:37:41
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--89-03
Simulation Start Date : Jan 01, 1989
Simulation End Date : Dec 31, 2003
Simulation Run Date : Sep 17, 2008 09:37
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--89-03
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--89-03\Bur 15 yr--89-03.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 89-03 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD8903 - Jan 01, 1989 to Dec 31, 2003
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.txt (Sep 16, 2008 00:00)
Air Temperature : SD8903 - Jan 01, 1989 to Dec 31, 2003
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\89-03.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
1989	44	24.78	6.49	11	7.29	15.49	12.27	0.04	20.42	0.52	0	2.41	33.15	0
1990	44	28.33	8.56	12.2	7.57	19.14	12.27	0.64	23.19	0.76	0	1.68	4.8	0
1991	44	27.48	7.92	12.27	7.29	15.03	12.27	1.4	18.61	-0.29	0	-1.3	6.69	0
1992	44.04	26.42	7.24	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.33	7.92	0
1993	44	28.93	8.82	11.09	9.01	22.31	12.27	2.61	22.95	0.46	0	2.57	3.58	0
1994	44	26.74	7.57	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7	0
1995	44	28.88	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.94	5.7	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.76	21.29	0.26	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.3	19.98	-0.12	0	-0.83	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	27.74	8.28	11.86	7.6	16.9	12.27	1.23	20.35	0.06	0	0.15	7.49	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--90-04\Bur 15 yr--90-04.spw
File Creation Date : Sep 17, 2008 09:38:37
File Last Modified Date : Sep 17, 2008 09:38:37
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--90-04
Simulation Start Date : Jan 01, 1990
Simulation End Date : Dec 31, 2004
Simulation Run Date : Sep 17, 2008 09:38
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--90-04
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--90-04\Bur 15 yr--90-04.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 90-04 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\90-04.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9004 - Jan 01, 1990 to Dec 31, 2004
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\90-04.txt (Sep 16, 2008 00:00)
Air Temperature : SD9004 - Jan 01, 1990 to Dec 31, 2004
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\90-04.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
1990	44	27.45	7.94	11.97	7.54	19.11	12.27	0.64	23.19	0.67	0	2.62	19.51	0
1991	44	27.1	7.54	12.28	7.29	15.03	12.27	0.25	19.76	0.21	0	-0.26	9.16	0
1992	44.04	26.25	7.1	12.05	7.11	14.08	12.27	0.28	18.96	0.01	0	-0.2	9.69	0
1993	44	28.88	8.76	11.11	9.01	22.31	12.27	2.3	23.26	0.53	0	2.87	3.61	0
1994	44	26.74	7.56	12.39	6.79	12.01	12.27	0.19	17.3	-0.55	0	-2.1	7.03	0
1995	44	28.87	8.52	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.95	5.73	0
1996	44.04	27.98	8.31	11.85	7.82	17.6	12.27	0.75	21.29	0.27	0	0.87	3.73	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.29	19.98	-0.12	0	-0.82	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
44.04	27.68	8.2	11.89	7.58	16.84	12.27	1.14	20.38	0.03	0	0.26	7.45	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--91-05\Bur 15 yr--91-05.spw
File Creation Date : Sep 17, 2008 09:39:36
File Last Modified Date : Sep 17, 2008 09:39:36
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--91-05
Simulation Start Date : Jan 01, 1991
Simulation End Date : Dec 31, 2005
Simulation Run Date : Sep 17, 2008 09:39
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--91-05
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--91-05\Bur 15 yr--91-05.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 91-05 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9105 - Jan 01, 1991 to Dec 31, 2005
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.txt (Sep 16, 2008 00:00)
Air Temperature : SD9105 - Jan 01, 1991 to Dec 31, 2005
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\91-05.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPORN	DLT-SM	STRESS	YLORED
	in	in	in	in	in	in	in	in	in	in	in	in		
1991	44	25.78	6.99	11.53	7.25	14.99	12.27	0.25	19.76	0.29	0	0.95	37.14	0
1992	44.04	25.77	6.9	11.76	7.11	14.08	12.27	0.28	18.96	0.18	0	0.13	19.71	0
1993	44	28.72	8.54	11.17	9.01	22.31	12.27	1.11	24.46	0.92	0	3.84	4	0
1994	44	26.67	7.51	12.37	6.79	12.01	12.27	0.19	17.3	-0.53	0	-2.05	7.32	0
1995	44	28.84	8.49	11.48	8.87	18.32	12.27	0.51	21.21	0.26	0	0.98	5.93	0
1996	44.04	27.97	8.29	11.86	7.82	17.6	12.27	0.72	21.33	0.28	0	0.9	3.74	0
1997	44	28.65	9.42	11.5	7.73	17.73	12.27	2.27	20	-0.11	0	-0.81	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.28	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPORN	DLT-SM	STRESS	YLORED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.52	8.13	11.85	7.55	16.9	12.27	1.19	20.42	0.08	0	0.37	9.07	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-92-06\Bur 15 yr-92-06.spw
File Creation Date : Sep 17, 2008 09:43:11
File Last Modified Date : Sep 17, 2008 09:43:12
Description : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-92-06
Simulation Start Date : Jan 01, 1992
Simulation End Date : Dec 31, 2006
Simulation Run Date : Sep 17, 2008 09:43
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-92-06
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-92-06\Bur 15 yr-92-06.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 92-06 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\92-06.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9206 - Jan 01, 1992 to Dec 31, 2006
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\92-06.txt (Sep 16, 2008 00:00)
Air Temperature : SD9206 - Jan 01, 1992 to Dec 31, 2006
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\92-06.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1992	44.04	25.29	6.81	11.36	7.11	14.08	12.27	0.28	18.96	0.18	0	0.61	35.09	0
1993	44	28.62	8.4	11.2	9.01	22.31	12.27	0.62	24.95	1.16	0	4.18	4.63	0
1994	44	26.61	7.46	12.36	6.79	12.01	12.27	0.19	17.3	-0.51	0	-2	7.65	0
1995	44	28.81	8.47	11.47	8.87	18.32	12.27	0.51	21.21	0.26	0	1.01	6.16	0
1996	44.04	27.96	8.27	11.86	7.82	17.6	12.27	0.68	21.36	0.3	0	0.93	3.76	0
1997	44	28.64	9.41	11.5	7.73	17.73	12.27	2.25	20.02	-0.11	0	-0.79	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	28.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.52	8.12	11.89	7.52	16.79	12.27	1.15	20.39	0.06	0	0.32	8.05	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--93-07\Bur 15 yr--93-07.spw
File Creation Date : Sep 17, 2008 09:44:46
File Last Modified Date : Sep 17, 2008 09:44:47
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--93-07
Simulation Start Date : Jan 01, 1993
Simulation End Date : Dec 31, 2007
Simulation Run Date : Sep 17, 2008 09:44
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--93-07
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--93-07\Bur 15 yr--93-07.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 93-07 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\93-07.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evdp (Aug 23, 2008 00:00)
Precipitation : SD9307 - Jan 01, 1993 to Dec 31, 2007
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\93-07.txt (Sep 16, 2008 00:00)
Air Temperature : SD9307 - Jan 01, 1993 to Dec 31, 2007
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\93-07.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPORN in	DLT-SM in	STRESS	YLDRED
1993	44	28.17	8.01	11.25	8.91	21.44	12.27	0.33	24.47	1.12	0	4.09	10.53	0
1994	44	26.25	7.24	12.22	6.79	12.01	12.27	0.19	17.3	-0.42	0	-1.74	9.78	0
1995	44	28.61	8.33	11.41	8.87	18.32	12.27	0.51	21.21	0.28	0	1.19	7.63	0
1996	44.04	27.92	8.21	11.88	7.82	17.6	12.27	0.5	21.55	0.38	0	1.08	3.84	0
1997	44	28.63	9.4	11.5	7.73	17.73	12.27	2.13	20.15	-0.07	0	-0.69	4	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.63	25.72	0.71	0	2.22	3.48	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPORN in	DLT-SM in	STRESS	YLDRED
44.04	27.54	8.12	11.93	7.49	16.82	12.27	1.16	20.43	0.05	0	0.34	6.96	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-94-80\Bur 15 yr-94-80.spw
File Creation Date : Sep 17, 2008 09:46:20
File Last Modified Date : Sep 17, 2008 09:46:20
Description : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-94-80
Simulation Start Date : Jan 01, 1994
Simulation End Date : Dec 31, 2008
Simulation Run Date : Sep 17, 2008 09:46
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-94-80
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-94-80\Bur 15 yr-94-80.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 94-80 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\94-80.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9480 - Jan 01, 1994 to Dec 31, 2008
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\94-80.txt (Sep 16, 2008 00:00)
Air Temperature : SD9480 - Jan 01, 1994 to Dec 31, 2008
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\94-80.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
1994	44	23.37	6.59	9.99	6.79	12.01	12.27	0.19	17.3	-0.02	0	0.74	53.84	0
1995	44	27.74	8	10.86	8.87	18.32	12.27	0.51	21.21	0.51	0	1.84	20.83	0
1996	44.04	27.6	7.81	11.97	7.82	17.6	12.27	0.49	21.56	0.57	0	1.2	5.16	0
1997	44	28.5	9.2	11.57	7.73	17.73	12.27	1.14	21.13	0.22	0	0.13	4.05	0
1998	44	30.98	11.59	11.19	8.2	24.28	12.27	2.62	25.73	0.72	0	2.24	3.49	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.06	5.35	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	27.2	7.98	11.85	7.37	16.43	12.27	1.08	20.25	0.07	0	0.35	10.53	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15-yr-95-81\Bur 15-yr-95-81.spw
File Creation Date : Sep 17, 2008 09:47:57
File Last Modified Date : Sep 17, 2008 09:47:58
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--95-81
Simulation Start Date : Jan 01, 1995
Simulation End Date : Dec 31, 2009
Simulation Run Date : Sep 17, 2008 09:47
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--95-81
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15-yr-95-81\Bur 15-yr-95-81.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 95-81 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.dcm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9581 - Jan 01, 1995 to Dec 31, 2009
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.txt (Sep 16, 2008 00:00)
Air Temperature : SD9581 - Jan 01, 1995 to Dec 31, 2009
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\95-81.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\IDBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\IDC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
1995	44	27.24	7.8	10.6	8.83	18.14	12.27	0.51	21.07	0.36	0	2.31	33.57	0
1996	44.04	27.51	7.72	11.97	7.82	17.6	12.27	0.49	21.56	0.62	0	1.25	5.98	0
1997	44	28.45	9.13	11.6	7.73	17.73	12.27	0.91	21.36	0.3	0	0.34	4.08	0
1998	44	30.97	11.58	11.19	8.2	24.28	12.27	2.6	25.75	0.72	0	2.26	3.49	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.06	5.35	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.02	9.73	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	27.33	8	11.99	7.35	16.52	12.27	1.12	20.32	0.05	0	0.28	8.49	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-96-82\Bur 15 yr-96-82.spw
File Creation Date : Sep 17, 2008 09:49:12
File Last Modified Date : Sep 17, 2008 09:49:12
Description : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-96-82
Simulation Start Date : Jan 01, 1996
Simulation End Date : Dec 31, 2010
Simulation Run Date : Sep 17, 2008 09:49
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-96-82
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-96-82\Bur 15 yr-96-82.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 96-82 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\96-82.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9682 - Jan 01, 1996 to Dec 31, 2010
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\96-82.txt (Sep 16, 2008 00:00)
Air Temperature : SD9682 - Jan 01, 1996 to Dec 31, 2010
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\96-82.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
1996	44.04	26.67	7.32	11.53	7.82	17.6	12.27	0.49	21.56	0.45	0	2.26	22.56	0
1997	44	27.83	8.28	11.83	7.73	17.73	12.27	0.43	21.85	0.68	0	1.06	5.45	0
1998	44	30.83	11.39	11.24	8.2	24.28	12.27	2.02	26.33	0.87	0	2.83	3.51	0
1999	44	28.98	9.71	11.73	7.54	17.17	12.27	3.81	18.09	-0.76	0	-2.59	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.06	5.35	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.02	9.73	0
2010	44	28.73	9.08	11.12	8.53	21.88	12.27	0.82	24.81	1.11	0	3.5	5.4	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
44.04	27.32	7.99	12.01	7.32	16.77	12.27	1.07	20.64	0.12	0	0.51	7.81	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--97-83\Bur 15 yr--97-83.spw
File Creation Date : Sep 17, 2008 09:50:57
File Last Modified Date : Sep 17, 2008 09:50:58
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--97-83
Simulation Start Date : Jan 01, 1997
Simulation End Date : Dec 31, 2011
Simulation Run Date : Sep 17, 2008 09:50
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--97-83
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--97-83\Bur 15 yr--97-83.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 97-83 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evdp (Aug 23, 2008 00:00)
Precipitation : SD9783 - Jan 01, 1997 to Dec 31, 2011
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.txt (Sep 16, 2008 00:00)
Air Temperature : SD9783 - Jan 01, 1997 to Dec 31, 2011
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\97-83.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
1997	44	26.85	7.4	11.72	7.73	17.73	12.27	0.43	21.85	0.76	0	1.97	17.9	0
1998	44	30.2	10.55	11.45	8.2	24.28	12.27	0.99	27.36	1.23	0	4.14	4.12	0
1999	44	28.93	9.66	11.73	7.54	17.17	12.27	3.8	18.1	-0.74	0	-2.55	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.06	5.35	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.02	9.73	0
2010	44	28.73	9.08	11.12	8.53	21.88	12.27	0.82	24.81	1.11	0	3.5	5.4	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	27.3	7.95	12.05	7.31	16.74	12.27	1.12	20.58	0.09	0	0.49	7.46	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-98-84\Bur 15 yr-98-84.spw
File Creation Date : Sep 17, 2008 09:52:18
File Last Modified Date : Sep 17, 2008 09:52:19
Description : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-98-84
Simulation Start Date : Jan 01, 1998
Simulation End Date : Dec 31, 2012
Simulation Run Date : Sep 17, 2008 09:52
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-98-84
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-98-84\Bur 15 yr-98-84.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 98-84 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9884 - Jan 01, 1998 to Dec 31, 2012
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.txt (Sep 16, 2008 00:00)
Air Temperature : SD9884 - Jan 01, 1998 to Dec 31, 2012
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\98-84.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
1998	44	28.53	8.58	11.75	8.2	24.28	12.27	0.99	27.36	1.7	0	5.33	11.8	0
1999	44	28.2	8.84	11.81	7.54	17.17	12.27	3.47	18.43	-0.46	0	-1.77	4.21	0
2000	44.04	27.3	7.93	12.02	7.35	14.51	12.27	1.45	17.97	-0.47	0	-1.5	7.8	0
2001	44	27.18	7.69	12.2	7.29	18.1	12.27	1.23	21.85	0.34	0	1.62	5.85	0
2002	44	26.34	7.05	12.6	6.7	13.11	12.27	0.31	18.37	-0.2	0	-1.07	6.62	0
2003	44	26.92	7.25	12.26	7.41	14.69	12.27	0.25	19.31	-0.06	0	-0.15	7.73	0
2004	44.04	25.25	6.59	11.7	6.96	12.18	12.27	0.21	17.27	-0.41	0	-0.6	13.6	0
2005	44	27.26	7.83	12.3	7.14	20.16	12.27	2.67	22.61	0.77	0	1.72	4.87	0
2006	44	26.39	7.22	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.77	5.24	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.21	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.06	5.35	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.02	9.73	0
2010	44	28.73	9.08	11.12	8.53	21.88	12.27	0.82	24.81	1.11	0	3.5	5.4	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.29	7.88	12.08	7.32	16.61	12.27	1.14	20.41	0.08	0	0.37	7.08	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--99-85\Bur 15 yr--99-85.spw
File Creation Date : Sep 17, 2008 09:53:23
File Last Modified Date : Sep 17, 2008 09:53:24
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--99-85
Simulation Start Date : Jan 01, 1999
Simulation End Date : Dec 31, 2013
Simulation Run Date : Sep 17, 2008 09:53
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--99-85
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--99-85\Bur 15 yr--99-85.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 99-85 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\99-85.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD9985 - Jan 01, 1999 to Dec 31, 2013
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\99-85.txt (Sep 16, 2008 00:00)
Air Temperature : SD9985 - Jan 01, 1999 to Dec 31, 2013
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\99-85.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
1999	44	26.42	6.92	11.95	7.54	17.17	12.27	0.77	21.13	0.68	0	1.57	20.3	0
2000	44.04	26.17	7.41	11.41	7.35	14.51	12.27	1.45	17.97	-0.33	0	-0.52	17.26	0
2001	44	26.94	7.45	12.2	7.29	18.1	12.27	0.48	22.59	0.66	0	2.28	8.81	0
2002	44	26.23	6.98	12.55	6.7	13.11	12.27	0.31	18.37	-0.19	0	-0.97	7.65	0
2003	44	26.83	7.19	12.23	7.41	14.69	12.27	0.25	19.31	-0.03	0	-0.08	8.67	0
2004	44.04	25.14	6.56	11.62	6.96	12.18	12.27	0.21	17.27	-0.4	0	-0.51	14.95	0
2005	44	27.24	7.8	12.3	7.14	20.16	12.27	2.59	22.69	0.81	0	1.78	4.97	0
2006	44	26.38	7.21	12.5	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.76	5.28	0
2007	44	26.53	7.56	12.15	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.68	9.27	0
2008	44.04	27.4	7.64	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.07	5.36	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.02	9.75	0
2010	44	28.72	9.08	11.12	8.53	21.88	12.27	0.81	24.81	1.11	0	3.5	5.41	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
44.04	26.86	7.59	12.06	7.21	15.78	12.27	0.91	19.92	0.04	0	0.24	9.25	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--00-86\Bur 15 yr--00-86.spw
File Creation Date : Sep 17, 2008 09:55:31
File Last Modified Date : Sep 17, 2008 09:55:32
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--00-86
Simulation Start Date : Jan 01, 2000
Simulation End Date : Dec 31, 2014
Simulation Run Date : Sep 17, 2008 09:55
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--00-86
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--00-86\Bur 15 yr--00-86.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 00-86 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0086 - Jan 01, 2000 to Dec 31, 2014
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.txt (Sep 16, 2008 00:00)
Air Temperature : SD0086 - Jan 01, 2000 to Dec 31, 2014
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\00-86.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\IDBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\IDBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
2000	44.04	24.98	7.19	10.44	7.35	14.51	12.27	1.45	17.97	0.01	0	0.34	35.42	0
2001	44	26.66	7.29	12.08	7.29	18.1	12.27	0.43	22.64	0.85	0	2.42	14.95	0
2002	44	26.03	6.91	12.43	6.7	13.11	12.27	0.31	18.37	-0.18	0	-0.78	10.01	0
2003	44	26.66	7.11	12.15	7.41	14.69	12.27	0.25	19.31	0.02	0	0.03	10.55	0
2004	44.04	24.97	6.52	11.49	6.96	12.18	12.27	0.21	17.27	-0.37	0	-0.37	17.33	0
2005	44	27.21	7.77	12.31	7.14	20.16	12.27	2.48	22.81	0.86	0	1.88	5.13	0
2006	44	26.37	7.21	12.49	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.76	5.34	0
2007	44	26.52	7.56	12.14	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.67	9.36	0
2008	44.04	27.39	7.63	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.07	5.39	0
2009	44	26	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.01	9.79	0
2010	44	28.72	9.07	11.12	8.53	21.88	12.27	0.81	24.82	1.11	0	3.51	5.42	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
44.04	26.88	7.68	11.94	7.26	16.21	12.27	0.94	20.27	0.13	0	0.53	10.23	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--01-87\Bur 15 yr--01-87.spw
File Creation Date : Sep 17, 2008 10:04:17
File Last Modified Date : Sep 17, 2008 10:04:17
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--01-87
Simulation Start Date : Jan 01, 2001
Simulation End Date : Dec 31, 2015
Simulation Run Date : Sep 17, 2008 10:04
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--01-87
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--01-87\Bur 15 yr--01-87.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 01-87 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.avpd (Aug 23, 2008 00:00)
Precipitation : SD0187 - Jan 01, 2001 to Dec 31, 2015
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.txt (Sep 16, 2008 00:00)
Air Temperature : SD0187 - Jan 01, 2001 to Dec 31, 2015
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\01-87.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
2001	44	26.56	7.27	12	7.29	18.1	12.27	0.43	22.64	0.8	0	2.57	19.95	0
2002	44	25.96	6.89	12.37	6.7	13.11	12.27	0.31	18.37	-0.17	0	-0.72	10.94	0
2003	44	26.6	7.08	12.11	7.41	14.69	12.27	0.25	19.31	0.04	0	0.07	11.24	0
2004	44.04	24.9	6.5	11.44	6.96	12.18	12.27	0.21	17.27	-0.35	0	-0.32	18.2	0
2005	44	27.2	7.75	12.31	7.14	20.16	12.27	2.45	22.84	0.87	0	1.91	5.2	0
2006	44	26.37	7.2	12.49	6.67	13.22	12.27	0.13	18.69	-0.25	0	-0.75	5.37	0
2007	44	26.51	7.56	12.14	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.66	9.4	0
2008	44.04	27.39	7.62	12.63	7.13	16.74	12.27	0.23	21.65	0.32	0	1.08	5.4	0
2009	44	25.99	7.23	12.31	6.45	13.46	12.27	1.01	18.26	-0.27	0	-1.01	9.81	0
2010	44	28.72	9.07	11.12	8.53	21.88	12.27	0.8	24.82	1.11	0	3.51	5.42	0
2011	44	27.96	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
44.04	27.05	7.78	12.06	7.2	16.13	12.27	0.9	20.29	0.07	0	0.38	8.8	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--02-88\Bur 15 yr--02-88.spw
File Creation Date : Sep 17, 2008 10:06:57
File Last Modified Date : Sep 17, 2008 10:06:57
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--02-88
Simulation Start Date : Jan 01, 2002
Simulation End Date : Dec 31, 2016
Simulation Run Date : Sep 17, 2008 10:06
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--02-88
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--02-88\Bur 15 yr--02-88.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 02-88 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0288 - Jan 01, 2002 to Dec 31, 2016
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.td (Sep 16, 2008 00:00)
Air Temperature : SD0288 - Jan 01, 2002 to Dec 31, 2016
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\02-88.td (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\IDBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLORED
2002	44	24.22	6.57	10.95	6.7	13.11	12.27	0.31	18.37	0.12	0	0.73	43.83	0
2003	44	26	6.89	11.71	7.41	14.69	12.27	0.25	19.31	0.21	0	0.5	19.56	0
2004	44.04	24.32	6.38	10.98	6.96	12.18	12.27	0.21	17.27	-0.13	0	0.05	27.1	0
2005	44	27.13	7.66	12.32	7.14	20.16	12.27	2.21	23.08	0.97	0	2.13	5.8	0
2006	44	26.34	7.18	12.49	6.67	13.22	12.27	0.13	18.69	-0.24	0	-0.73	5.62	0
2007	44	26.48	7.54	12.12	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.63	9.74	0
2008	44.04	27.36	7.6	12.63	7.13	16.74	12.27	0.23	21.65	0.33	0	1.09	5.49	0
2009	44	25.98	7.23	12.3	6.45	13.46	12.27	1.01	18.26	-0.26	0	-1	9.97	0
2010	44	28.71	9.06	11.13	8.53	21.88	12.27	0.78	24.84	1.12	0	3.54	5.47	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLORED
44.04	26.78	7.7	11.95	7.14	15.78	12.27	0.88	20.02	0.07	0	0.31	11.36	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-03-89\Bur 15 yr-03-89.spw
File Creation Date : Sep 17, 2008 10:08:04
File Last Modified Date : Sep 17, 2008 10:08:04
Description : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-03-89
Simulation Start Date : Jan 01, 2003
Simulation End Date : Dec 31, 2017
Simulation Run Date : Sep 17, 2008 10:08
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-03-89
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-03-89\Bur 15 yr-03-89.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 03-89 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0289 - Jan 01, 2003 to Dec 31, 2017
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.btd (Sep 16, 2008 00:00)
Air Temperature : SD0289 - Jan 01, 2003 to Dec 31, 2017
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\03-89.btd (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
2003	44	25.56	6.81	11.34	7.41	14.89	12.27	0.37	19.19	0.15	0	0.88	29.95	0
2004	44.04	23.99	6.31	10.71	6.96	12.18	12.27	0.21	17.27	-0.01	0	0.25	32.73	0
2005	44	27.09	7.63	12.33	7.14	20.16	12.27	2.1	23.18	1	0	2.23	6.14	0
2006	44	26.33	7.17	12.48	6.67	13.22	12.27	0.13	18.69	-0.24	0	-0.72	5.75	0
2007	44	26.46	7.54	12.11	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.62	9.89	0
2008	44.04	27.35	7.59	12.63	7.13	16.74	12.27	0.23	21.65	0.34	0	1.1	5.53	0
2009	44	25.97	7.22	12.3	6.45	13.46	12.27	1.01	18.26	-0.26	0	-0.99	10.03	0
2010	44	28.71	9.05	11.13	8.53	21.88	12.27	0.77	24.85	1.12	0	3.55	5.49	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
2017	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPRN in	DLT-SM in	STRESS	YLDRED
44.04	26.87	7.7	11.98	7.18	15.94	12.27	0.87	20.16	0.08	0	0.39	9.97	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15-yr-04-90\Bur 15-yr-04-90.spw
File Creation Date : Sep 17, 2008 10:09:17
File Last Modified Date : Sep 17, 2008 10:09:17
Description : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-04-90
Simulation Start Date : Jan 01, 2004
Simulation End Date : Dec 31, 2018
Simulation Run Date : Sep 17, 2008 10:09
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-04-90
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15-yr-04-90\Bur 15-yr-04-90.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 04-90 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SDD490 - Jan 01, 2004 to Dec 31, 2018
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.bt (Sep 16, 2008 00:00)
Air Temperature : SDD490 - Jan 01, 2004 to Dec 31, 2018
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\04-90.bt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM-0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC-2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
	in	in	in	in	in	in	in	in	in	in	in	in		
2004	44.04	23.22	6.22	10.06	6.95	12.16	12.27	0.21	17.27	0.08	0	0.92	51.85	0
2005	44	27.04	7.58	12.33	7.14	20.16	12.27	1.95	23.33	1.05	0	2.38	6.76	0
2006	44	26.31	7.16	12.48	6.67	13.22	12.27	0.13	18.69	-0.24	0	-0.71	5.94	0
2007	44	26.44	7.53	12.09	6.82	14.33	12.27	0.99	18.79	-0.24	0	-0.6	10.12	0
2008	44.04	27.33	7.57	12.63	7.13	16.74	12.27	0.23	21.65	0.34	0	1.11	5.59	0
2009	44	25.97	7.22	12.29	6.45	13.46	12.27	1.01	18.26	-0.26	0	-0.99	10.13	0
2010	44	28.7	9.05	11.13	8.53	21.88	12.27	0.76	24.86	1.13	0	3.56	5.52	0
2011	44	27.95	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
2017	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
2018	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET	AET	EVAP	TRAN	INT	PRECIP	IRRIG	RUNOFF	INFIL	PERC	DEEPPDRN	DLT-SM	STRESS	YLDRED
in	in	in	in	in	in	in	in	in	in	in	in		
44.04	27.05	7.87	11.98	7.19	16.24	12.27	0.89	20.41	0.1	0	0.46	9.58	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--05-91\Bur 15 yr--05-91.spw
File Creation Date : Sep 17, 2008 10:10:49
File Last Modified Date : Sep 17, 2008 10:10:50
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--05-91
Simulation Start Date : Jan 01, 2005
Simulation End Date : Dec 31, 2019
Simulation Run Date : Sep 17, 2008 10:10
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--05-91
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--05-91\Bur 15 yr--05-91.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 05-91 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock evpd (Aug 23, 2008 00:00)
Precipitation : SD0591 - Jan 01, 2005 to Dec 31, 2019
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.txt (Sep 16, 2008 00:00)
Air Temperature : SD0591 - Jan 01, 2005 to Dec 31, 2019
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\05-91.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPORN in	DLT-SM in	STRESS	YLDRED
2005	44	26.85	7.41	12.3	7.14	20.16	12.27	1.58	23.7	1.04	0	2.96	13.1	0
2006	44	26.21	7.08	12.45	6.67	13.22	12.27	0.13	18.69	-0.21	0	-0.63	7.03	0
2007	44	26.32	7.49	12.02	6.82	14.33	12.27	0.99	18.79	-0.23	0	-0.49	11.37	0
2008	44.04	27.26	7.49	12.64	7.13	16.74	12.27	0.23	21.65	0.38	0	1.15	5.9	0
2009	44	25.92	7.2	12.27	6.45	13.46	12.27	1.01	18.26	-0.25	0	-0.95	10.62	0
2010	44	28.68	9.01	11.14	8.53	21.88	12.27	0.69	24.93	1.15	0	3.63	5.67	0
2011	44	27.94	8.39	12.08	7.48	16.16	12.27	2.29	18.66	-0.54	0	-1.26	4.19	0
2012	44.04	29.1	9.24	11.78	8.07	16.89	12.27	1.08	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
2017	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
2018	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
2019	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPORN in	DLT-SM in	STRESS	YLDRED
44.04	27.3	7.97	12.12	7.21	16.27	12.27	1	20.34	0.07	0	0.18	7.21	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--06-92\Bur 15 yr--06-92.spw
File Creation Date : Sep 17, 2008 10:11:54
File Last Modified Date : Sep 17, 2008 10:11:55
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--06-92
Simulation Start Date : Jan 01, 2006
Simulation End Date : Dec 31, 2020
Simulation Run Date : Sep 17, 2008 10:11
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--06-92
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--06-92\Bur 15 yr--06-92.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 06-92 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.cim (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evpd (Aug 23, 2008 00:00)
Precipitation : SD0692 - Jan 01, 2006 to Dec 31, 2020
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.bxt (Sep 16, 2008 00:00)
Air Temperature : SD0692 - Jan 01, 2006 to Dec 31, 2020
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\06-92.bxt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0_45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
2006	44	24.64	6.78	11.25	6.61	13.13	12.27	0.13	18.66	0.05	0	0.58	44.59	0
2007	44	25.11	7.22	11.07	6.82	14.33	12.27	0.99	18.79	0.12	0	0.38	28.93	0
2008	44.04	26.89	7.21	12.55	7.13	16.74	12.27	0.23	21.65	0.58	0	1.31	8.83	0
2009	44	25.62	7.12	12.05	6.45	13.46	12.27	1.01	18.26	-0.23	0	-0.68	14.47	0
2010	44	28.44	8.7	11.21	8.53	21.88	12.27	0.38	25.24	1.31	0	4.01	6.89	0
2011	44	27.9	8.33	12.09	7.48	16.16	12.27	2.24	18.71	-0.52	0	-1.19	4.2	0
2012	44.04	29.09	9.24	11.78	8.07	16.89	12.27	1.07	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
2017	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
2018	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
2019	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
2020	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	27.02	7.87	11.95	7.2	15.86	12.27	0.89	20.04	0.06	0	0.16	11.06	0

SUMMARY OF ANNUAL VALUES FROM SPAW SIMULATION

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15-yr-07-93\Bur 15-yr-07-93.spw
File Creation Date : Sep 17, 2008 10:13:01
File Last Modified Date : Sep 17, 2008 10:13:01
Description : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--07-93
Simulation Start Date : Jan 01, 2007
Simulation End Date : Dec 31, 2021
Simulation Run Date : Sep 17, 2008 10:13
SPAW Interface Version : 6.02.75
Field Model Version : 6.02.71
Soil Equations : Saxton et al. 2005

DATABASE FILES USED: DESCRIPTION/FILE (DATE)

Field : Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--07-93
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15-yr-07-93\Bur 15-yr-07-93.fld (Sep 17, 2008 00:00)
Climate : Dewey Burdock 07-93 climatic data
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.clm (Sep 16, 2008 00:00)
Evaporation Defaults: Dewey-Burdock Evap. Defaults
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\Defaults\Dewey-Burdock.evdp (Aug 23, 2008 00:00)
Precipitation : SD0793 - Jan 01, 2007 to Dec 31, 2021
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.txt (Sep 16, 2008 00:00)
Air Temperature : SD0793 - Jan 01, 2007 to Dec 31, 2021
C:\Program Files\SPAW Hydrology\SPAW\Database\Climates\15-yr\07-93.txt (Sep 16, 2008 00:00)
Management : 0.45 in every 5 days--assumes 500 acres total irrigated area
C:\Program Files\SPAW Hydrology\SPAW\Database\Managements\DBM--0.45.mgmt (Aug 29, 2008 00:00)
Crop (1) : Irrigated alfalfa, two cuttings per year
C:\Program Files\SPAW Hydrology\SPAW\Database\Crops\DBC--2 cuts.crop (Aug 20, 2008 00:00)
Soil : Burdock TP8, TP9, TP10 Revised Soils Composite
C:\Program Files\SPAW Hydrology\SPAW\Database\Soils\BRev 8-9-10.soil (Sep 16, 2008 00:00)

NUMBER OF SOIL LAYERS: 7

THICKNESS OF SOIL LAYERS: (IN) 1.00 5.00 11.00 11.00 8.00 12.00 24.00

ACCUMULATIVE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

YEAR	PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
2007	44	24.65	7.09	10.74	6.82	14.33	12.27	0.99	18.79	0.13	0	0.83	38.98	0
2008	44.04	26.84	7.18	12.53	7.13	16.74	12.27	0.23	21.65	0.6	0	1.34	9.43	0
2009	44	25.58	7.11	12.02	6.45	13.46	12.27	1.01	18.26	-0.22	0	-0.64	15.06	0
2010	44	28.42	8.67	11.22	8.53	21.88	12.27	0.35	25.27	1.33	0	4.05	7.11	0
2011	44	27.89	8.32	12.09	7.48	16.16	12.27	2.24	18.72	-0.52	0	-1.18	4.2	0
2012	44.04	29.09	9.24	11.78	8.07	16.89	12.27	1.07	20.01	-0.13	0	-0.88	4.52	0
2013	44	25.63	7.08	12.06	6.49	11.75	12.27	1.02	16.51	-0.62	0	-2.01	12.26	0
2014	44	28.86	8.98	11.54	8.34	23.59	12.27	1.38	26.14	1.31	0	4.31	3.65	0
2015	44	27.75	8.83	12.54	6.38	12.36	12.27	0.94	17.32	-0.9	0	-3.15	6.41	0
2016	44.04	25.79	6.88	12.52	6.4	13.79	12.27	0.42	19.23	0.01	0	-0.17	6.67	0
2017	44	26.4	6.85	12.18	7.36	15.58	12.27	0.04	20.45	0.15	0	1.27	6.3	0
2018	44	29.03	9.46	12	7.57	19.14	12.27	0.96	22.88	0.4	0	1.02	3.68	0
2019	44	27.63	8.1	12.24	7.29	15.03	12.27	2.19	17.82	-0.54	0	-1.98	6.6	0
2020	44.04	26.43	7.25	12.07	7.11	14.08	12.27	0.28	18.96	-0.02	0	-0.34	7.85	0
2021	44	28.93	8.83	11.09	9.01	22.31	12.27	2.63	22.94	0.46	0	2.56	3.58	0

AVERAGE ANNUAL VALUES OF SOIL HYDROLOGIC BUDGET

PET in	AET in	EVAP in	TRAN in	INT in	PRECIP in	IRRIG in	RUNOFF in	INFIL in	PERC in	DEEPPDRN in	DLT-SM in	STRESS	YLDRED
44.04	27.27	7.99	11.91	7.36	16.47	12.27	1.05	20.33	0.1	0	0.33	9.09	0



POWERTECH (USA) INC.

SPAW MODEL RESULTS

BURDOCK POND

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Bur 15-yr\Bur-80-94\Bur 80-94.pnd
File Creation Date : Sep 17, 2008 11:52:36
File Last Modified Date : Sep 17, 2008 11:52:36
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1980-1994
Simulation Start Date : Jan 01, 1980
Simulation End Date : Dec 31, 1994
Simulation Run Date : Sep 17, 2008 11:52
SPAW Interface Version : Sep 17, 2008 11:52:36
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--80-94 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15-yr--80-94\Bur 15-yr--80-94.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--80-94 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15-yr--80-94\Bur 15-yr--80-94.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1980	544.74	397.01	147.73	16.33	26.99	10.83	5.45	0	501.47	0	0	0	0	0	71.1	0	0	325.91	185.34	0	0
1981	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
1982	555.05	571.78	-16.73	21.88	37.96	11.67	5.32	0	500.1	0	0	0	0	0	75.03	0	0	496.75	14.5	0	0
1983	620.19	587.11	33.08	16.16	28.21	87.92	3.96	0	500.1	0	0	0	0	0	75.86	0	0	511.25	0	0	0
1984	579.21	587.99	-8.78	16.9	30.45	44.17	3.12	0	501.47	0	0	0	0	0	76.74	0	0	511.25	0	0	0
1985	565.29	587.31	-22.02	11.75	20.78	42.08	2.32	0	500.1	0	0	0	0	0	76.06	0	0	511.25	0	0	0
1986	605.18	584.11	21.07	23.59	40.81	57.5	6.77	0	500.1	0	0	0	0	0	75.46	0	0	508.65	2.6	0	0
1987	563.48	587.08	-23.59	12.37	21.96	38.75	2.66	0	500.1	0	0	0	0	0	75.83	0	0	511.25	0	0	0
1988	546.74	559.35	-12.62	13.79	24.04	17.5	3.73	0	501.47	0	0	0	0	0	74.62	0	0	484.73	26.52	0	0
1989	532.19	528.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
1991	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
1992	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.87	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
574.85	563.56	11.29	16.29	28.44	40.89	4.06	0	501.47	0	0	0	0	0	75.27	0	0	488.3	22.95	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Bur-81-95\Bur 81-95.pnd
File Creation Date : Sep 17, 2008 11:54:21
File Last Modified Date : Sep 17, 2008 11:54:21
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1981-1995
Simulation Start Date : Jan 01, 1981
Simulation End Date : Dec 31, 1995
Simulation Run Date : Sep 17, 2008 11:54
SPAW Interface Version : Sep 17, 2008 11:54:21
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-81-95 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-81-95\Bur 15 yr-81-95.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-81-95 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-81-95\Bur 15 yr-81-95.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1981	568.58	395.15	173.44	13.46	22.15	42.08	4.25	0	500.1	0	0	0	0	0	71.13	0	0	324.01	187.24	0	0
1982	555.05	571.78	-16.73	21.88	37.96	11.67	5.32	0	500.1	0	0	0	0	0	75.03	0	0	496.75	14.5	0	0
1983	605.14	586.77	18.37	16.16	28.1	72.92	4.02	0	500.1	0	0	0	0	0	75.52	0	0	511.25	0	0	0
1984	578.27	587.41	-9.14	16.9	30.23	43.33	3.23	0	501.47	0	0	0	0	0	76.16	0	0	511.25	0	0	0
1985	565.22	585.14	-19.92	11.75	20.63	42.08	2.4	0	500.1	0	0	0	0	0	75.51	0	0	509.64	1.81	0	0
1986	605.12	571.06	34.05	23.59	40.62	57.5	6.9	0	500.1	0	0	0	0	0	75.07	0	0	495.99	15.26	0	0
1987	563.48	587.08	-23.59	12.37	21.96	38.75	2.66	0	500.1	0	0	0	0	0	75.83	0	0	511.25	0	0	0
1988	546.74	559.35	-12.62	13.79	24.04	17.5	3.73	0	501.47	0	0	0	0	0	74.62	0	0	484.73	26.52	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
1991	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
1992	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	464.75	46.5	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
574.68	562.1	12.58	16.42	28.63	40.53	4.04	0	501.47	0	0	0	0	0	75.15	0	0	486.94	24.31	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Bur-82-96\Bur 82-96.pnd
File Creation Date : Sep 17, 2008 11:55:58
File Last Modified Date : Sep 17, 2008 11:56:59
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1982-1996
Simulation Start Date : Jan 01, 1982
Simulation End Date : Dec 31, 1996
Simulation Run Date : Sep 17, 2008 11:56
SPAW Interface Version : Sep 17, 2008 11:56:59
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-82-96 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-82-96.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-82-96 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-82-96.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1982	554	397.29	156.71	21.83	35.72	11.67	6.51	0	500.1	0	0	0	0	0	70.95	0	0	326.35	184.9	0	0
1983	593.44	586.51	6.93	16.16	28.02	61.25	4.07	0	500.1	0	0	0	0	0	75.26	0	0	511.25	0	0	0
1984	577.35	586.95	-9.6	16.9	30.06	42.5	3.31	0	501.47	0	0	0	0	0	75.7	0	0	511.25	0	0	0
1985	565.17	573.2	-8.02	11.75	20.54	42.08	2.45	0	500.1	0	0	0	0	0	75.16	0	0	498.04	13.21	0	0
1986	605.12	571.06	34.05	23.59	40.62	57.5	6.9	0	500.1	0	0	0	0	0	75.07	0	0	495.99	15.26	0	0
1987	563.48	587.08	-23.59	12.37	21.96	38.75	2.66	0	500.1	0	0	0	0	0	75.83	0	0	511.25	0	0	0
1988	546.74	559.35	-12.62	13.79	24.04	17.5	3.73	0	501.47	0	0	0	0	0	74.62	0	0	484.73	26.52	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	578.68	578.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
1991	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
1992	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	508.19	5.06	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	484.75	46.5	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
573.59	582.4	11.19	16.69	29.04	38.94	4.14	0	501.47	0	0	0	0	0	75.1	0	0	487.29	23.96	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd-83-97\Burd 83-97.pnd
File Creation Date : Sep 17, 2008 11:58:19
File Last Modified Date : Sep 17, 2008 11:58:19
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1983-1997
Simulation Start Date : Jan 01, 1983
Simulation End Date : Dec 31, 1997
Simulation Run Date : Sep 17, 2008 11:58
SPAW Interface Version : Sep 17, 2008 11:58:19
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--83-97 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--83-97\Bur 15 yr--83-97.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--83-97 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--83-97\Bur 15 yr--83-97.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1983	544.65	392.99	151.66	16.08	26.18	13.33	5.04	0	500.1	0	0	0	0	0	70.87	0	0	322.12	189.13	0	0
1984	553.01	558.71	-5.69	16.9	29.77	18.33	3.44	0	501.47	0	0	0	0	0	74.81	0	0	483.9	27.35	0	0
1985	565.14	565.1	0.04	11.75	20.47	42.08	2.49	0	500.1	0	0	0	0	0	74.92	0	0	490.18	21.07	0	0
1986	598.85	564.8	34.05	23.59	40.58	51.25	6.91	0	500.1	0	0	0	0	0	74.96	0	0	489.83	21.42	0	0
1987	569.72	586.97	-27.25	12.37	21.94	35	2.67	0	500.1	0	0	0	0	0	75.72	0	0	511.25	0	0	0
1988	546.73	555.69	-8.96	13.79	24	17.5	3.75	0	501.47	0	0	0	0	0	74.52	0	0	481.17	30.08	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
1991	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
1992	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	464.75	46.5	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
573.19	559.08	14.11	16.42	28.59	39.08	4.04	0	501.47	0	0	0	0	0	75.06	0	0	484.02	27.23	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Bur 15 yr\Burd-84-98\Burd 84-98.pnd
File Creation Date : Sep 17, 2008 11:59:48
File Last Modified Date : Sep 17, 2008 11:59:49
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1984-1998
Simulation Start Date : Jan 01, 1984
Simulation End Date : Dec 31, 1998
Simulation Run Date : Sep 17, 2008 11:59
SPAW Interface Version : Sep 17, 2008 11:59:48
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-84-98 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-84-98\Bur 15 yr-84-98.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-84-98 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-84-98\Bur 15 yr-84-98.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.16	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Dnwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1984	549.55	403.58	145.97	15.65	25.94	18.33	3.81	0	501.47	0	0	0	0	0	71.16	0	0	332.42	178.83	0	0
1985	565.14	565.1	0.04	11.75	20.47	42.08	2.49	0	500.1	0	0	0	0	0	74.92	0	0	490.18	21.07	0	0
1986	598.85	564.8	34.05	23.59	40.58	51.25	6.91	0	500.1	0	0	0	0	0	74.96	0	0	489.83	21.42	0	0
1987	548.85	583.1	-34.25	12.37	21.89	24.17	2.7	0	500.1	0	0	0	0	0	75.43	0	0	507.67	3.58	0	0
1988	546.7	548.66	-1.96	13.79	23.93	17.5	3.8	0	501.47	0	0	0	0	0	74.32	0	0	474.34	35.91	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	577.84	575.99	1.86	18.14	33.22	39.17	5.35	0	500.1	0	0	0	0	0	74.78	0	0	501.21	10.04	0	0
1991	621.09	587.54	33.55	15.03	26.87	90.83	3.28	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0
1992	540.28	581.25	-40.97	14.07	24.83	11.25	2.72	0	501.47	0	0	0	0	0	75.45	0	0	505.79	5.46	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	464.75	46.5	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Dnwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
579.73	561.01	18.72	16.88	29.48	44.64	4.14	0	501.47	0	0	0	0	0	75.28	0	0	485.75	25.5	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Bur--85-99\Bur 85-99.pnd
File Creation Date : Sep 17, 2008 14:35:30
File Last Modified Date : Sep 17, 2008 14:35:30
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1985-1999
Simulation Start Date : Jan 01, 1985
Simulation End Date : Dec 31, 1999
Simulation Run Date : Sep 17, 2008 14:35
SPAW Interface Version : Sep 17, 2008 14:35:30
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--85-99 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--85-99\Bur 15 yr--85-99.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--85-99 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--85-99\Bur 15 yr--85-99.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1985	564.68	418.67	146.01	11.75	19.44	42.08	3.06	0	500.1	0	0	0	0	0	71.38	0	0	347.3	163.95	0	0
1986	598.85	564.8	34.05	23.59	40.58	51.25	6.91	0	500.1	0	0	0	0	0	74.96	0	0	489.83	21.42	0	0
1987	545.51	579.75	-34.25	12.37	21.87	20.83	2.7	0	500.1	0	0	0	0	0	75.36	0	0	504.4	6.85	0	0
1988	546.7	548.66	-1.96	13.79	23.93	17.5	3.8	0	501.47	0	0	0	0	0	74.32	0	0	474.34	36.91	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	577.43	575.57	1.86	19.14	33.22	38.75	5.35	0	500.1	0	0	0	0	0	74.77	0	0	500.8	10.45	0	0
1991	621.09	587.54	33.55	15.03	26.87	30.83	3.28	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0
1992	540.28	581.25	-40.97	14.07	24.83	11.25	2.72	0	501.47	0	0	0	0	0	75.45	0	0	505.79	5.46	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.87	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	484.75	46.5	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
589.17	563.66	25.51	16.98	29.86	53.72	4.11	0	501.47	0	0	0	0	0	75.76	0	0	487.9	23.35	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Bur 15 yr\Burd--86-00\Burd 86-00.pnd
File Creation Date : Sep 17, 2008 14:37:09
File Last Modified Date : Sep 17, 2008 14:37:09
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1986-2000
Simulation Start Date : Jan 01, 1986
Simulation End Date : Dec 31, 2000
Simulation Run Date : Sep 17, 2008 14:37:09
SPAW Interface Version : Sep 17, 2008 14:37:09
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--86-00 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr--86-00\Bur 15 yr--86-00.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--86-00 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr--86-00\Bur 15 yr--86-00.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1986	594.88	414.81	180.07	22.02	36.14	51.25	7.38	0	500.1	0	0	0	0	0	71.36	0	0	343.45	167.8	0	0
1987	528.8	563.05	-34.25	12.37	21.81	4.17	2.72	0	500.1	0	0	0	0	0	75.03	0	0	488.02	23.23	0	0
1988	548.7	548.66	-1.96	13.79	23.93	17.5	3.8	0	501.47	0	0	0	0	0	74.32	0	0	474.34	36.91	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	574.92	573.06	1.86	19.14	33.2	36.25	5.36	0	500.1	0	0	0	0	0	74.72	0	0	498.35	12.9	0	0
1991	619.42	587.49	31.93	15.03	26.86	89.17	3.29	0	500.1	0	0	0	0	0	76.24	0	0	511.25	0	0	0
1992	540.27	579.62	-39.34	14.07	24.81	11.25	2.73	0	501.47	0	0	0	0	0	75.41	0	0	504.21	7.04	0	0
1993	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0
1994	531.44	587.25	-55.81	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	76	0	0	511.25	0	0	0
1995	557.33	539.3	18.03	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.55	0	0	464.75	46.5	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0
2000	592.36	595.05	-2.69	14.51	28.32	60.83	1.73	0	501.47	0	0	0	0	0	83.8	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
589.27	564.03	25.24	17.06	30.15	53.58	4.06	0	501.47	0	0	0	0	0	76.31	0	0	487.71	23.54	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Bur 15 yr\Bur-87-01\Bur 87-01.pnd
File Creation Date : Sep 17, 2008 14:38:50
File Last Modified Date : Sep 17, 2008 14:38:50
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1987-2001
Simulation Start Date : Jan 01, 1987
Simulation End Date : Dec 31, 2001
Simulation Run Date : Sep 17, 2008 14:38
SPAW Interface Version : Sep 17, 2008 14:38:50
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-87-01 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-87-01\Bur 15 yr-87-01.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-87-01 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-87-01\Bur 15 yr-87-01.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1987	527.35	381.54	145.81	12.37	20.28	3.33	3.63	0	500.1	0	0	0	0	0	70.88	0	0	310.66	200.59	0	0
1988	546.7	548.66	-1.96	13.79	23.93	17.5	3.8	0	501.47	0	0	0	0	0	74.32	0	0	474.34	36.91	0	0
1989	532.19	528.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	565.73	563.87	1.86	19.14	33.15	27.08	5.39	0	500.1	0	0	0	0	0	74.54	0	0	489.33	21.92	0	0
1991	598.94	586.92	12.02	15.03	26.73	68.75	3.36	0	500.1	0	0	0	0	0	75.67	0	0	511.25	0	0	0
1992	540.16	559.6	-19.44	14.07	24.59	11.25	2.84	0	501.47	0	0	0	0	0	74.83	0	0	484.77	26.48	0	0
1993	654.25	587.72	66.53	22.3	39.53	109.17	5.45	0	500.1	0	0	0	0	0	76.47	0	0	511.25	0	0	0
1994	531.43	587.23	-55.8	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	75.98	0	0	511.25	0	0	0
1995	557.32	538.9	18.42	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.54	0	0	464.36	46.89	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0
2000	592.36	595.05	-2.69	14.51	28.32	60.83	1.73	0	501.47	0	0	0	0	0	83.8	0	0	511.25	0	0	0
2001	588.67	594.18	-5.51	18.1	34.92	50.83	2.81	0	500.1	0	0	0	0	0	82.93	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
586.74	561.87	24.87	16.8	29.94	51.5	3.83	0	501.47	0	0	0	0	0	76.72	0	0	485.15	26.1	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Bur 15 yr\Burd-88-02\Burd 88-02.pnd
File Creation Date : Sep 17, 2008 14:41:30
File Last Modified Date : Sep 17, 2008 14:41:30
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1988-2002
Simulation Start Date : Jan 01, 1988
Simulation End Date : Dec 31, 2002
Simulation Run Date : Sep 17, 2008 14:41
SPAW Interface Version : Sep 17, 2008 14:41:30
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-88-02 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-88-02\Bur 15 yr-88-02.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-88-02 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-88-02\Bur 15 yr-88-02.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1988	545.43	401.57	143.86	13.4	21.89	17.5	4.56	0	501.47	0	0	0	0	0	70.95	0	0	330.62	180.63	0	0
1989	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
1990	565.73	563.87	1.86	19.14	33.15	27.08	5.39	0	500.1	0	0	0	0	0	74.54	0	0	489.33	21.92	0	0
1991	596.43	586.85	9.58	15.03	26.71	66.25	3.36	0	500.1	0	0	0	0	0	75.6	0	0	511.25	0	0	0
1992	540.15	557.14	-17	14.07	24.57	11.25	2.86	0	501.47	0	0	0	0	0	74.76	0	0	482.39	28.86	0	0
1993	654.25	587.72	66.53	22.3	39.53	109.17	5.45	0	500.1	0	0	0	0	0	76.47	0	0	511.25	0	0	0
1994	531.43	587.23	-55.8	12	21.16	7.5	2.67	0	500.1	0	0	0	0	0	75.98	0	0	511.25	0	0	0
1995	557.32	538.9	18.42	18.32	31.76	21.25	4.21	0	500.1	0	0	0	0	0	74.54	0	0	464.36	46.89	0	0
1996	567.39	586.89	-19.5	17.59	30.66	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	683.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0
2000	592.36	595.05	-2.69	14.51	28.32	60.83	1.73	0	501.47	0	0	0	0	0	83.8	0	0	511.25	0	0	0
2001	588.67	594.18	-5.51	18.1	34.92	50.83	2.81	0	500.1	0	0	0	0	0	82.93	0	0	511.25	0	0	0
2002	539.2	592.74	-53.54	13.1	24.63	12.5	1.96	0	500.1	0	0	0	0	0	81.49	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
587.28	565.97	21.31	16.82	30.09	51.94	3.77	0	501.47	0	0	0	0	0	77.19	0	0	488.78	22.47	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\PondstBur 15 yr\Burd-89-03\Burd 89-03.pnd
File Creation Date : Sep 17, 2008 14:43:40
File Last Modified Date : Sep 17, 2008 14:43:41
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1989-2003
Simulation Start Date : Jan 01, 1989
Simulation End Date : Dec 31, 2003
Simulation Run Date : Sep 17, 2008 14:43
SPAW Interface Version : Sep 17, 2008 14:43:40
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--89-03 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--89-03\Bur 15 yr--89-03.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--89-03 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--89-03\Bur 15 yr--89-03.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1989	531.5	381.97	149.53	15.49	25.19	1.25	4.96	0	500.1	0	0	0	0	0	70.86	0	0	311.11	200.14	0	0
1990	565.73	563.87	1.86	19.14	33.15	27.08	5.39	0	500.1	0	0	0	0	0	74.54	0	0	489.33	21.92	0	0
1991	588.49	586.63	1.86	15.03	26.66	58.33	3.39	0	500.1	0	0	0	0	0	75.38	0	0	511.25	0	0	0
1992	540.1	549.38	-9.28	14.07	24.48	11.25	2.9	0	501.47	0	0	0	0	0	74.54	0	0	474.84	36.41	0	0
1993	653.83	587.71	66.12	22.3	39.52	108.75	5.46	0	500.1	0	0	0	0	0	76.46	0	0	511.25	0	0	0
1994	531.43	587.22	-55.79	12	21.15	7.5	2.67	0	500.1	0	0	0	0	0	75.97	0	0	511.25	0	0	0
1995	557.32	538.51	18.82	18.32	31.75	21.25	4.21	0	500.1	0	0	0	0	0	74.53	0	0	463.97	47.28	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.46	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0
2000	592.36	595.05	-2.69	14.51	28.32	60.83	1.73	0	501.47	0	0	0	0	0	83.48	0	0	511.25	0	0	0
2001	588.67	594.18	-5.51	18.1	34.92	50.83	2.81	0	500.1	0	0	0	0	0	82.93	0	0	511.25	0	0	0
2002	539.2	592.74	-53.54	13.1	24.63	12.5	1.96	0	500.1	0	0	0	0	0	81.49	0	0	511.25	0	0	0
2003	540.1	591.03	-50.92	14.69	27.39	10	2.6	0	500.1	0	0	0	0	0	79.78	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
586.41	568.41	18	16.9	30.37	50.89	3.68	0	501.47	0	0	0	0	0	77.55	0	0	490.87	20.38	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--90-04\Burd 90-04.pnd
File Creation Date : Sep 17, 2008 14:46:05
File Last Modified Date : Sep 17, 2008 14:46:06
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1990-2004
Simulation Start Date : Jan 01, 1990
Simulation End Date : Dec 31, 2004
Simulation Run Date : Sep 17, 2008 14:46
SPAW Interface Version : Sep 17, 2008 14:46:05
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--90-04 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--90-04\Bur 15 yr--90-04.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--90-04 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--90-04\Bur 15 yr--90-04.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	418.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1990	564.96	413.58	151.39	19.11	31.34	27.08	6.43	0	500.1	0	0	0	0	0	70.98	0	0	342.59	168.66	0	0
1991	540.05	546.08	-6.03	15.03	26.47	10	3.48	0	500.1	0	0	0	0	0	74.43	0	0	471.65	39.6	0	0
1992	540.06	541.45	-1.39	14.07	24.39	11.25	2.94	0	501.47	0	0	0	0	0	74.32	0	0	467.13	44.12	0	0
1993	640.86	587.39	53.47	22.3	39.41	95.83	5.52	0	500.1	0	0	0	0	0	76.14	0	0	511.25	0	0	0
1994	531.38	579.65	-48.27	12	21.05	7.5	2.73	0	500.1	0	0	0	0	0	75.55	0	0	504.1	7.15	0	0
1995	557.29	533.34	23.95	18.32	31.7	21.25	4.24	0	500.1	0	0	0	0	0	74.39	0	0	458.95	52.3	0	0
1996	567.39	586.89	-19.5	17.59	30.86	30.83	4.22	0	501.47	0	0	0	0	0	75.64	0	0	511.25	0	0	0
1997	631.18	587.4	43.78	17.73	31.38	95.83	3.87	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
1998	658.42	589.29	69.13	24.29	43.4	108.75	6.17	0	500.1	0	0	0	0	0	78.04	0	0	511.25	0	0	0
1999	693.95	593.45	100.5	17.17	32.73	158.33	2.79	0	500.1	0	0	0	0	0	82.21	0	0	511.25	0	0	0
2000	592.36	595.05	-2.69	14.51	28.32	60.83	1.73	0	501.47	0	0	0	0	0	83.8	0	0	511.25	0	0	0
2001	588.67	594.18	-5.51	18.1	34.92	50.83	2.81	0	500.1	0	0	0	0	0	82.93	0	0	511.25	0	0	0
2002	539.2	592.74	-53.54	13.1	24.63	12.5	1.96	0	500.1	0	0	0	0	0	81.49	0	0	511.25	0	0	0
2003	540.1	591.03	-50.92	14.69	27.39	10	2.6	0	500.1	0	0	0	0	0	79.78	0	0	511.25	0	0	0
2004	533.92	588.75	-54.84	12.19	21.43	8.75	2.26	0	501.47	0	0	0	0	0	77.5	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
582.66	568.07	14.59	16.84	30.25	47.31	3.63	0	501.47	0	0	0	0	0	77.61	0	0	490.46	20.79	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Bur 15 yr\Bur-91-05\Bur 91-05.pnd
File Creation Date : Sep 17, 2008 14:47:30
File Last Modified Date : Sep 17, 2008 14:47:31
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1991-2005
Simulation Start Date : Jan 01, 1991
Simulation End Date : Dec 31, 2005
Simulation Run Date : Sep 17, 2008 14:47
SPAW Interface Version : Sep 17, 2008 14:47:30
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-91-05 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-91-05\Bur 15 yr-91-05.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-91-05 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-91-05\Bur 15 yr-91-05.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Dwdown In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1991	539.32	393.96	145.36	14.99	24.82	10	4.4	0	500.1	0	0	0	0	0	70.96	0	0	323	188.25	0	0
1992	540.06	541.45	-1.39	14.07	24.39	11.25	2.94	0	501.47	0	0	0	0	0	74.32	0	0	467.13	44.12	0	0
1993	590.66	580.34	10.33	22.3	39.01	45.83	5.72	0	500.1	0	0	0	0	0	74.94	0	0	505.39	5.86	0	0
1994	531.22	536.35	-5.13	12	20.73	7.5	2.89	0	500.1	0	0	0	0	0	74.33	0	0	462.02	49.23	0	0
1995	557.29	533.34	23.95	18.32	31.7	21.25	4.24	0	500.1	0	0	0	0	0	74.39	0	0	458.95	52.3	0	0
1996	566.13	586.86	-20.72	17.59	30.84	29.58	4.23	0	501.47	0	0	0	0	0	75.61	0	0	511.25	0	0	0
1997	630.75	587.34	43.41	17.73	31.35	95.42	3.88	0	500.1	0	0	0	0	0	76.09	0	0	511.25	0	0	0
1998	658.41	589.23	69.18	24.29	43.36	108.75	6.19	0	500.1	0	0	0	0	0	77.98	0	0	511.25	0	0	0
1999	693.94	593.4	100.54	17.17	32.71	158.33	2.8	0	500.1	0	0	0	0	0	82.15	0	0	511.25	0	0	0
2000	592.36	595	-2.64	14.51	28.31	60.83	1.74	0	501.47	0	0	0	0	0	83.75	0	0	511.25	0	0	0
2001	588.66	594.12	-5.47	18.1	34.9	50.83	2.82	0	500.1	0	0	0	0	0	82.87	0	0	511.25	0	0	0
2002	535.19	592.69	-53.5	13.1	24.62	12.5	1.97	0	500.1	0	0	0	0	0	81.44	0	0	511.25	0	0	0
2003	540.1	590.98	-50.88	14.69	27.38	10	2.61	0	500.1	0	0	0	0	0	79.73	0	0	511.25	0	0	0
2004	533.91	588.7	-54.79	12.19	21.42	8.75	2.27	0	501.47	0	0	0	0	0	77.45	0	0	511.25	0	0	0
2005	652.85	589.89	62.96	20.16	36.94	111.25	4.58	0	500.1	0	0	0	0	0	78.64	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Dwdown In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
585	566.3	18.7	15.9	30.45	49.47	3.6	0	501.47	0	0	0	0	0	77.7	0	0	488.6	22.65	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15-yr\Bur-92-06\Bur 92-06.pnd
File Creation Date : Sep 17, 2008 14:52:08
File Last Modified Date : Sep 17, 2008 14:52:09
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1992-2006
Simulation Start Date : Jan 01, 1992
Simulation End Date : Dec 31, 2006
Simulation Run Date : Sep 17, 2008 14:52
SPAW Interface Version : Sep 17, 2008 14:52:08
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-92-06	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15-yr-92-06\Bur 15-yr-92-06.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-92-06	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15-yr-92-06\Bur 15-yr-92-06.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1992	539.38	395.41	143.97	14.07	22.97	11.25	3.69	0	501.47	0	0	0	0	0	71.01	0	0	324.4	186.85	0	0
1993	570.19	559.86	10.33	22.3	38.89	25.42	5.77	0	500.1	0	0	0	0	0	74.6	0	0	485.26	25.99	0	0
1994	531.22	536.35	-5.13	12	20.73	7.5	2.89	0	500.1	0	0	0	0	0	74.33	0	0	462.02	49.23	0	0
1995	557.29	533.34	23.95	18.32	31.7	21.25	4.24	0	500.1	0	0	0	0	0	74.39	0	0	458.95	52.3	0	0
1996	564.46	586.81	-22.35	17.59	30.83	27.92	4.24	0	501.47	0	0	0	0	0	75.56	0	0	511.25	0	0	0
1997	629.07	587.24	41.83	17.73	31.31	93.75	3.9	0	500.1	0	0	0	0	0	75.99	0	0	511.25	0	0	0
1998	658.39	589.11	69.28	24.29	43.3	108.75	6.23	0	500.1	0	0	0	0	0	77.86	0	0	511.25	0	0	0
1999	693.92	593.29	100.64	17.17	32.66	158.33	2.83	0	500.1	0	0	0	0	0	82.04	0	0	511.25	0	0	0
2000	592.34	594.89	-2.55	14.51	28.27	60.83	1.76	0	501.47	0	0	0	0	0	83.64	0	0	511.25	0	0	0
2001	588.64	594.02	-5.38	18.1	34.86	50.83	2.85	0	500.1	0	0	0	0	0	82.77	0	0	511.25	0	0	0
2002	539.18	592.59	-53.41	13.1	24.59	12.5	1.99	0	500.1	0	0	0	0	0	81.34	0	0	511.25	0	0	0
2003	540.08	590.87	-50.79	14.69	27.34	10	2.83	0	500.1	0	0	0	0	0	79.62	0	0	511.25	0	0	0
2004	533.89	588.6	-54.71	12.19	21.39	8.75	2.28	0	501.47	0	0	0	0	0	77.35	0	0	511.25	0	0	0
2005	652.84	589.79	63.05	20.16	36.9	111.25	4.59	0	500.1	0	0	0	0	0	78.54	0	0	511.25	0	0	0
2006	532.22	589.06	-56.84	13.22	23.97	5.42	2.73	0	500.1	0	0	0	0	0	77.81	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
582.88	568.13	14.75	16.79	30.27	47.58	3.56	0	501.47	0	0	0	0	0	77.84	0	0	490.29	20.96	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd-93-07\Burd 93-07.pnd
File Creation Date : Sep 17, 2008 14:53:47
File Last Modified Date : Sep 17, 2008 14:53:47
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1993-2007
Simulation Start Date : Jan 01, 1993
Simulation End Date : Dec 31, 2007
Simulation Run Date : Sep 17, 2008 14:53
SPAW Interface Version : Sep 17, 2008 14:53:47
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-93-07 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-93-07.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-93-07 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-93-07.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1993	555.41	401.11	154.3	21.42	35.2	13.33	6.77	0	500.1	0	0	0	0	0	71.04	0	0	330.07	181.18	0	0
1994	531.22	536.35	-5.13	12	20.73	7.5	2.89	0	500.1	0	0	0	0	0	74.33	0	0	462.02	49.23	0	0
1995	557.29	533.34	23.95	18.32	31.7	21.25	4.24	0	500.1	0	0	0	0	0	74.39	0	0	458.95	52.3	0	0
1996	556.93	581	-24.06	17.59	30.78	20.42	4.26	0	501.47	0	0	0	0	0	75.39	0	0	505.61	5.64	0	0
1997	523.61	587.02	-63.41	17.73	31.24	88.33	3.94	0	500.1	0	0	0	0	0	75.77	0	0	511.25	0	0	0
1998	658.33	588.85	69.48	24.29	43.15	108.75	6.33	0	500.1	0	0	0	0	0	77.6	0	0	511.25	0	0	0
1999	693.89	593.04	100.84	17.17	32.57	158.33	2.88	0	500.1	0	0	0	0	0	81.79	0	0	511.25	0	0	0
2000	592.31	594.65	-2.35	14.51	28.19	80.83	1.81	0	501.47	0	0	0	0	0	83.4	0	0	511.25	0	0	0
2001	588.61	593.79	-5.18	18.1	34.76	50.83	2.91	0	500.1	0	0	0	0	0	82.54	0	0	511.25	0	0	0
2002	539.14	592.36	-53.22	13.1	24.52	12.5	2.02	0	500.1	0	0	0	0	0	81.11	0	0	511.25	0	0	0
2003	540.05	590.66	-50.61	14.69	27.27	10	2.67	0	500.1	0	0	0	0	0	79.41	0	0	511.25	0	0	0
2004	533.66	588.39	-54.73	12.19	21.33	8.75	2.3	0	501.47	0	0	0	0	0	77.14	0	0	511.25	0	0	0
2005	652.81	589.59	63.22	20.16	36.8	111.25	4.65	0	500.1	0	0	0	0	0	78.34	0	0	511.25	0	0	0
2006	532.19	588.86	-56.67	13.22	23.91	5.42	2.76	0	500.1	0	0	0	0	0	77.61	0	0	511.25	0	0	0
2007	570.49	587.66	-17.18	14.34	25.28	41.67	3.44	0	500.1	0	0	0	0	0	76.41	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
583.33	569.84	13.49	16.82	30.25	47.94	3.66	0	501.47	0	0	0	0	0	77.81	0	0	492.03	19.22	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY: -

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Bur 15 yr\Burd-94-80\Burd 94-80.pnd
File Creation Date : Sep 17, 2008 14:55:27
File Last Modified Date : Sep 17, 2008 14:55:27
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1994-1980
Simulation Start Date : Jan 01, 1994
Simulation End Date : Dec 31, 2008
Simulation Run Date : Sep 17, 2008 14:55
SPAW Interface Version : Sep 17, 2008 14:55:27
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-94-80 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-94-80\Bur 15 yr-94-80.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-94-80 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-94-80\Bur 15 yr-94-80.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1994	530.71	381.54	149.17	12	19.64	7.5	3.47	0	500.1	0	0	0	0	0	70.9	0	0	310.64	200.61	0	0
1995	557.29	533.34	23.95	18.32	31.7	21.25	4.24	0	500.1	0	0	0	0	0	74.39	0	0	458.95	52.3	0	0
1996	556.51	580.58	-24.06	17.59	30.78	20	4.26	0	501.47	0	0	0	0	0	75.38	0	0	505.2	6.05	0	0
1997	582.21	585.57	-3.35	17.73	30.95	47.08	4.08	0	500.1	0	0	0	0	0	74.79	0	0	510.78	0.47	0	0
1998	657.2	587.34	69.86	24.29	42.31	107.92	6.87	0	500.1	0	0	0	0	0	76.09	0	0	511.25	0	0	0
1999	693.66	591.6	102.05	17.17	32	158.33	3.22	0	500.1	0	0	0	0	0	80.35	0	0	511.25	0	0	0
2000	592.12	593.27	-1.16	14.51	27.74	60.83	2.07	0	501.47	0	0	0	0	0	82.02	0	0	511.25	0	0	0
2001	588.4	592.45	-4.04	18.1	34.21	50.83	3.26	0	500.1	0	0	0	0	0	81.2	0	0	511.25	0	0	0
2002	538.95	591.05	-52.1	13.1	24.13	12.5	2.22	0	500.1	0	0	0	0	0	79.8	0	0	511.25	0	0	0
2003	539.87	589.37	-49.5	14.69	26.84	10	2.92	0	500.1	0	0	0	0	0	78.12	0	0	511.25	0	0	0
2004	533.65	587.12	-53.46	12.19	20.97	8.75	2.46	0	501.47	0	0	0	0	0	75.87	0	0	511.25	0	0	0
2005	652.62	588.37	64.25	20.16	36.25	111.25	5.02	0	500.1	0	0	0	0	0	77.12	0	0	511.25	0	0	0
2006	532.04	587.67	-55.64	13.22	23.55	5.42	2.97	0	500.1	0	0	0	0	0	76.42	0	0	511.25	0	0	0
2007	570.33	584.91	-14.57	14.34	24.9	41.67	3.66	0	500.1	0	0	0	0	0	75.27	0	0	509.63	1.62	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
579.34	568.21	11.14	16.43	29.3	44.83	3.74	0	501.47	0	0	0	0	0	76.87	0	0	491.33	19.92	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd-95-81\Burd 95-81.pnd
File Creation Date : Sep 17, 2008 15:05:41
File Last Modified Date : Sep 17, 2008 15:05:41
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1995-1981
Simulation Start Date : Jan 01, 1995
Simulation End Date : Dec 31, 2009
Simulation Run Date : Sep 17, 2008 15:05
SPAW Interface Version : Sep 17, 2008 15:05:41
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--95-81 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--95-81\Bur 15 yr--95-81.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--95-81 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--95-81\Bur 15 yr--95-81.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1995	556.04	362.91	173.12	18.14	29.89	21.25	4.8	0	500.1	0	0	0	0	0	71.07	0	0	311.84	199.41	0	0
1996	556.51	580.58	-24.06	17.59	30.78	20	4.26	0	501.47	0	0	0	0	0	75.38	0	0	505.2	6.05	0	0
1997	573.03	576.39	-3.35	17.73	30.92	37.92	4.09	0	500.1	0	0	0	0	0	74.69	0	0	501.7	9.55	0	0
1998	657.2	587.34	69.86	24.29	42.31	107.92	6.87	0	500.1	0	0	0	0	0	76.09	0	0	511.25	0	0	0
1999	693.66	591.6	102.05	17.17	32	158.33	3.22	0	500.1	0	0	0	0	0	80.35	0	0	511.25	0	0	0
2000	592.12	593.27	-1.16	14.51	27.74	60.83	2.07	0	501.47	0	0	0	0	0	82.02	0	0	511.25	0	0	0
2001	588.4	592.45	-4.04	18.1	34.21	50.63	3.26	0	500.1	0	0	0	0	0	81.2	0	0	511.25	0	0	0
2002	538.95	591.05	-52.1	13.1	24.13	12.5	2.22	0	500.1	0	0	0	0	0	79.8	0	0	511.25	0	0	0
2003	539.87	589.37	-49.5	14.69	26.84	10	2.92	0	500.1	0	0	0	0	0	78.12	0	0	511.25	0	0	0
2004	533.65	587.12	-53.46	12.19	20.97	8.75	2.46	0	501.47	0	0	0	0	0	75.87	0	0	511.25	0	0	0
2005	652.62	588.37	64.25	20.16	36.25	111.25	5.02	0	500.1	0	0	0	0	0	77.12	0	0	511.25	0	0	0
2006	532.04	587.67	-55.64	13.22	23.55	5.42	2.97	0	500.1	0	0	0	0	0	76.42	0	0	511.25	0	0	0
2007	570.33	584.91	-14.57	14.34	24.9	41.67	3.66	0	500.1	0	0	0	0	0	75.27	0	0	509.63	1.62	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
581.21	568.36	12.85	16.52	29.43	46.53	3.78	0	501.47	0	0	0	0	0	76.89	0	0	491.47	19.78	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd-96-82\Burd 96-82.pnd
File Creation Date : Sep 17, 2008 15:07:33
File Last Modified Date : Sep 17, 2008 15:07:33
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1996-1982
Simulation Start Date : Jan 01, 1996
Simulation End Date : Dec 31, 2010
Simulation Run Date : Sep 17, 2008 15:07
SPAW Interface Version : Sep 17, 2008 15:07:33
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-96-82 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-96-82\Bur 15 yr-96-82.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-96-82 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-96-82\Bur 15 yr-96-82.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.83	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1996	555.77	406.71	149.06	17.59	29.02	20	5.27	0	501.47	0	0	0	0	0	71.2	0	0	335.51	175.74	0	0
1997	553.02	556.37	-3.35	17.73	30.9	17.92	4.1	0	500.1	0	0	0	0	0	74.51	0	0	481.86	29.39	0	0
1998	632.5	586.73	45.77	24.29	42	83.33	7.07	0	500.1	0	0	0	0	0	75.48	0	0	511.25	0	0	0
1999	693.51	590.72	102.79	17.17	31.65	158.33	3.42	0	500.1	0	0	0	0	0	79.47	0	0	511.25	0	0	0
2000	592	592.43	-0.43	14.51	27.46	60.83	2.24	0	501.47	0	0	0	0	0	81.18	0	0	511.25	0	0	0
2001	588.28	591.62	-3.34	18.1	33.87	50.83	3.47	0	500.1	0	0	0	0	0	80.37	0	0	511.25	0	0	0
2002	538.83	590.24	-51.42	13.1	23.89	12.5	2.34	0	500.1	0	0	0	0	0	78.99	0	0	511.25	0	0	0
2003	539.75	588.58	-48.83	14.69	26.58	10	3.07	0	500.1	0	0	0	0	0	77.33	0	0	511.25	0	0	0
2004	533.55	567.72	-34.17	12.19	20.81	8.75	2.52	0	501.47	0	0	0	0	0	75.25	0	0	492.47	18.78	0	0
2005	652.61	588.33	64.29	20.16	36.22	111.25	5.03	0	500.1	0	0	0	0	0	77.08	0	0	511.25	0	0	0
2006	532.03	587.63	-55.6	13.22	23.54	5.42	2.98	0	500.1	0	0	0	0	0	76.38	0	0	511.25	0	0	0
2007	570.33	583.72	-13.39	14.34	24.89	41.67	3.67	0	500.1	0	0	0	0	0	75.24	0	0	508.48	2.77	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.76	586.51	-9.74	21.88	38.05	33.33	5.27	0	500.1	0	0	0	0	0	75.26	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
579.51	567.31	12.2	16.77	29.72	44.36	3.96	0	501.47	0	0	0	0	0	76.51	0	0	490.8	20.45	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd-97-83\Burd 97-83.pnd
File Creation Date : Sep 17, 2008 15:09:06
File Last Modified Date : Sep 17, 2008 15:09:06
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1997-1983
Simulation Start Date : Jan 01, 1997
Simulation End Date : Dec 31, 2011
Simulation Run Date : Sep 17, 2008 15:09
SPAW Interface Version : Sep 17, 2008 15:09:06
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-97-83 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15 yr\97-83\Bur 15 yr-97-83.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-97-83 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15 yr\97-83\Bur 15 yr-97-83.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1997	552.19	406.49	145.7	17.73	29.02	17.92	5.15	0	500.1	0	0	0	0	0	70.99	0	0	335.49	175.76	0	0
1998	589.89	559.46	30.44	24.29	41.72	40.83	7.24	0	500.1	0	0	0	0	0	74.77	0	0	484.69	26.56	0	0
1999	692.59	590.13	102.45	17.17	31.43	157.5	3.56	0	500.1	0	0	0	0	0	78.88	0	0	511.25	0	0	0
2000	591.92	591.86	0.07	14.51	27.27	60.83	2.35	0	501.47	0	0	0	0	0	80.61	0	0	511.25	0	0	0
2001	588.2	591.07	-2.87	18.1	33.64	50.83	3.62	0	500.1	0	0	0	0	0	79.82	0	0	511.25	0	0	0
2002	538.75	589.7	-50.96	13.1	23.72	12.5	2.42	0	500.1	0	0	0	0	0	78.45	0	0	511.25	0	0	0
2003	539.68	588.05	-48.37	14.69	26.4	10	3.17	0	500.1	0	0	0	0	0	76.8	0	0	511.25	0	0	0
2004	533.49	553.86	-20.38	12.19	20.7	8.75	2.56	0	501.47	0	0	0	0	0	74.86	0	0	479	32.25	0	0
2005	652.61	589.33	64.29	20.16	36.22	111.25	5.03	0	500.1	0	0	0	0	0	77.08	0	0	511.25	0	0	0
2006	532.03	587.63	-55.6	13.22	23.54	5.42	2.98	0	500.1	0	0	0	0	0	76.38	0	0	511.25	0	0	0
2007	570.33	583.72	-13.39	14.34	24.89	41.67	3.67	0	500.1	0	0	0	0	0	75.24	0	0	508.48	2.77	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.76	586.51	-9.74	21.88	38.05	33.33	5.27	0	500.1	0	0	0	0	0	75.26	0	0	511.25	0	0	0
2011	627.76	587.54	40.22	16.16	28.36	95.42	3.87	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
581.57	566.45	15.12	16.74	29.58	46.5	4.01	0	501.47	0	0	0	0	0	76.36	0	0	490.09	21.16	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Bur-98-84\Bur 98-84.pnd
File Creation Date : Sep 17, 2008 15:13:03
File Last Modified Date : Sep 17, 2008 15:13:03
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1998-1984
Simulation Start Date : Jan 01, 1998
Simulation End Date : Dec 31, 2012
Simulation Run Date : Sep 17, 2008 15:13
SPAW Interface Version : Sep 17, 2008 15:13:03
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-98-84 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-98-84\Bur 15 yr-98-84.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-98-84 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-98-84\Bur 15 yr-98-84.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1998	589.16	413.02	176.14	24.29	39.63	40.83	8.39	0	500.1	0	0	0	0	0	71.29	0	0	341.73	169.52	0	0
1999	679.21	589.78	89.43	17.17	31.32	144.17	3.62	0	500.1	0	0	0	0	0	78.53	0	0	511.25	0	0	0
2000	591.86	591.38	0.48	14.51	27.11	60.83	2.44	0	501.47	0	0	0	0	0	80.13	0	0	511.25	0	0	0
2001	588.13	590.6	-2.48	18.1	33.45	50.83	3.74	0	500.1	0	0	0	0	0	79.35	0	0	511.25	0	0	0
2002	538.68	589.25	-50.57	13.1	23.59	12.5	2.49	0	500.1	0	0	0	0	0	78	0	0	511.25	0	0	0
2003	539.61	587.6	-47.99	14.69	26.25	10	3.26	0	500.1	0	0	0	0	0	76.35	0	0	511.25	0	0	0
2004	533.43	542.36	-8.92	12.19	20.62	8.75	2.59	0	501.47	0	0	0	0	0	74.54	0	0	467.81	43.44	0	0
2005	652.61	588.33	64.29	20.16	36.22	111.25	5.03	0	500.1	0	0	0	0	0	77.08	0	0	511.25	0	0	0
2006	532.03	587.63	-55.6	13.22	23.54	5.42	2.98	0	500.1	0	0	0	0	0	76.38	0	0	511.25	0	0	0
2007	570.33	583.72	-13.39	14.34	24.89	41.67	3.67	0	500.1	0	0	0	0	0	75.24	0	0	508.48	2.77	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.76	586.51	-9.74	21.88	38.05	33.33	5.27	0	500.1	0	0	0	0	0	75.26	0	0	511.25	0	0	0
2011	627.76	587.54	40.22	16.16	28.36	95.42	3.87	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0
2012	579.73	588.53	-8.8	16.9	30.66	44.58	3.02	0	501.47	0	0	0	0	0	77.28	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
582.2	567.9	14.3	16.62	29.38	47.39	3.95	0	501.47	0	0	0	0	0	76.37	0	0	491.53	19.72	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd--99-85\Burd 99-85.pnd
File Creation Date : Sep 17, 2008 15:14:35
File Last Modified Date : Sep 17, 2008 15:14:35
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 1999-1985
Simulation Start Date : Jan 01, 1999
Simulation End Date : Dec 31, 2013
Simulation Run Date : Sep 17, 2008 15:14
SPAW Interface Version : Sep 17, 2008 15:14:35
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--99-85	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--99-85\Bur 15 yr--99-85.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--99-85	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--99-85\Bur 15 yr--99-85.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
1999	565.05	420.95	144.1	17.17	28.31	31.25	5.39	0	500.1	0	0	0	0	0	71.06	0	0	349.89	161.36	0	0
2000	591.23	586.87	4.37	14.51	25.62	60.83	3.31	0	501.47	0	0	0	0	0	75.62	0	0	511.25	0	0	0
2001	556.59	556.74	-0.15	18.1	31.56	20	4.92	0	500.1	0	0	0	0	0	74.56	0	0	482.18	29.07	0	0
2002	538.09	541.31	-3.22	13.1	22.4	12.5	3.09	0	500.1	0	0	0	0	0	74.08	0	0	467.23	44.02	0	0
2003	538.3	539.32	-0.03	14.69	25.5	10	3.7	0	500.1	0	0	0	0	0	74.23	0	0	465.1	46.15	0	0
2004	533.35	522.33	11.01	12.19	20.49	8.75	2.63	0	501.47	0	0	0	0	0	74.01	0	0	448.33	62.92	0	0
2005	648.65	598.23	60.62	20.16	36.2	107.5	5.05	0	500.1	0	0	0	0	0	76.98	0	0	511.25	0	0	0
2006	532.01	587.49	-55.48	13.22	23.49	5.42	3	0	500.1	0	0	0	0	0	76.24	0	0	511.25	0	0	0
2007	570.31	580.16	-9.85	14.34	24.86	41.67	3.69	0	500.1	0	0	0	0	0	75.13	0	0	505.02	6.23	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.76	586.51	-9.74	21.88	38.05	33.33	5.27	0	500.1	0	0	0	0	0	75.26	0	0	511.25	0	0	0
2011	627.76	587.54	40.22	16.16	28.36	95.42	3.87	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0
2012	579.73	588.53	-8.8	16.9	30.66	44.58	3.02	0	501.47	0	0	0	0	0	77.28	0	0	511.25	0	0	0
2013	565.36	587.84	-22.48	11.75	20.92	42.08	2.25	0	500.1	0	0	0	0	0	76.59	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
570.54	557.74	12.8	15.78	27.55	37.64	3.88	0	501.47	0	0	0	0	0	75.15	0	0	482.59	28.66	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Bur 15 yr\Bur-00-86\Bur 00-86.pnd
File Creation Date : Sep 17, 2008 15:16:36
File Last Modified Date : Sep 17, 2008 15:16:36
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2000-1986
Simulation Start Date : Jan 01, 2000
Simulation End Date : Dec 31, 2014
Simulation Run Date : Sep 17, 2008 15:16
SPAW Interface Version : Sep 17, 2008 15:16:36
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-00-86 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-00-86\Bur 15 yr-00-86.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-00-86 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-00-86\Bur 15 yr-00-86.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	188.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2000	590.72	443.86	146.86	14.51	24.19	60.83	4.22	0	501.47	0	0	0	0	0	71.86	0	0	372	139.25	0	0
2001	554.49	553.03	1.46	18.1	31.54	17.92	4.93	0	500.1	0	0	0	0	0	74.49	0	0	478.54	32.71	0	0
2002	538.09	541.31	-3.22	13.1	22.4	12.5	3.09	0	500.1	0	0	0	0	0	74.08	0	0	467.23	44.02	0	0
2003	539.3	539.32	-0.03	14.69	25.5	10	3.7	0	500.1	0	0	0	0	0	74.23	0	0	465.1	46.15	0	0
2004	533.35	522.33	11.01	12.19	20.49	8.75	2.63	0	501.47	0	0	0	0	0	74.01	0	0	448.33	62.92	0	0
2005	644.25	588.11	56.14	20.16	36.16	102.92	5.07	0	500.1	0	0	0	0	0	76.86	0	0	511.25	0	0	0
2006	531.99	587.32	-55.33	13.22	23.44	5.42	3.03	0	500.1	0	0	0	0	0	76.07	0	0	511.25	0	0	0
2007	570.29	575.81	-5.51	14.34	24.81	41.67	3.71	0	500.1	0	0	0	0	0	75	0	0	500.8	10.45	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.35	586.5	-10.15	21.88	38.05	32.92	5.27	0	500.1	0	0	0	0	0	75.25	0	0	511.25	0	0	0
2011	627.76	587.53	40.23	16.16	28.36	95.42	3.88	0	500.1	0	0	0	0	0	76.28	0	0	511.25	0	0	0
2012	579.73	588.51	-8.79	16.9	30.65	44.58	3.02	0	501.47	0	0	0	0	0	77.26	0	0	511.25	0	0	0
2013	565.36	587.83	-22.47	11.75	20.92	42.08	2.25	0	500.1	0	0	0	0	0	76.58	0	0	511.25	0	0	0
2014	605.27	587.19	18.09	23.59	41.06	57.5	6.61	0	500.1	0	0	0	0	0	75.94	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
572.71	558.73	13.98	16.21	28.29	38.92	4.03	0	501.47	0	0	0	0	0	75.18	0	0	483.54	27.71	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\PondstBur 15 yr\Burd-01-87\Burd 01-87.pnd
File Creation Date : Sep 17, 2008 15:19:00
File Last Modified Date : Sep 17, 2008 15:19:00
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2001-1987
Simulation Start Date : Jan 01, 2001
Simulation End Date : Dec 31, 2015
Simulation Run Date : Sep 17, 2008 15:19
SPAW Interface Version : Sep 17, 2008 15:19:00
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-01-87 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-01-87\Bur 15 yr-01-87.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-01-87 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-01-87\Bur 15 yr-01-87.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2001	553.86	405.55	148.32	18.1	29.69	17.92	6.15	0	500.1	0	0	0	0	0	71.02	0	0	334.52	176.73	0	0
2002	538.09	541.31	-3.22	13.1	22.4	12.5	3.09	0	500.1	0	0	0	0	0	74.08	0	0	467.23	44.02	0	0
2003	539.3	539.32	-0.03	14.69	25.5	10	3.7	0	500.1	0	0	0	0	0	74.23	0	0	465.1	46.15	0	0
2004	533.35	522.33	11.01	12.19	20.49	8.75	2.63	0	501.47	0	0	0	0	0	74.01	0	0	448.33	62.92	0	0
2005	643	588.08	54.92	20.16	36.15	101.67	5.08	0	500.1	0	0	0	0	0	76.83	0	0	511.25	0	0	0
2006	531.99	587.28	-55.29	13.22	23.43	5.42	3.04	0	500.1	0	0	0	0	0	76.03	0	0	511.25	0	0	0
2007	570.29	574.62	-4.33	14.34	24.8	41.67	3.72	0	500.1	0	0	0	0	0	74.97	0	0	499.65	11.6	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	576.35	586.5	-10.15	21.88	38.05	32.92	5.27	0	500.1	0	0	0	0	0	75.25	0	0	511.25	0	0	0
2011	627.76	587.53	40.23	16.16	28.36	95.42	3.88	0	500.1	0	0	0	0	0	76.28	0	0	511.25	0	0	0
2012	579.73	588.51	-8.79	16.9	30.65	44.58	3.02	0	501.47	0	0	0	0	0	77.26	0	0	511.25	0	0	0
2013	565.36	587.83	-22.47	11.75	20.92	42.08	2.25	0	500.1	0	0	0	0	0	76.58	0	0	511.25	0	0	0
2014	605.27	587.19	18.09	23.59	41.06	57.5	6.61	0	500.1	0	0	0	0	0	75.94	0	0	511.25	0	0	0
2015	563.53	587.46	-23.93	12.37	22.07	38.75	2.6	0	500.1	0	0	0	0	0	76.21	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
571.01	558.39	12.62	16.14	28.15	37.36	4.03	0	501.47	0	0	0	0	0	75.24	0	0	483.15	28.1	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Bur02-88\Bur02-88.pnd
File Creation Date : Sep 17, 2008 15:20:55
File Last Modified Date : Sep 17, 2008 15:20:55
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2002-1988
Simulation Start Date : Jan 01, 2002
Simulation End Date : Dec 31, 2016
Simulation Run Date : Sep 17, 2008 15:20
SPAW Interface Version : Sep 17, 2008 15:20:55
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--02-88 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--02-88\Bur 15 yr--02-88.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--02-88 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--02-88\Bur 15 yr--02-88.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irig ac-ft	Irig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2002	537.58	392.49	145.1	13.1	21.39	12.5	3.59	0	500.1	0	0	0	0	0	70.83	0	0	321.65	189.6	0	0
2003	539.3	539.32	-0.03	14.69	25.5	10	3.7	0	500.1	0	0	0	0	0	74.23	0	0	465.1	46.15	0	0
2004	533.35	522.33	11.01	12.19	20.49	8.75	2.63	0	501.47	0	0	0	0	0	74.01	0	0	448.33	62.92	0	0
2005	632.97	587.82	45.14	20.16	36.07	91.67	5.13	0	500.1	0	0	0	0	0	76.57	0	0	511.25	0	0	0
2006	531.94	586.91	-54.97	13.22	23.32	5.42	3.1	0	500.1	0	0	0	0	0	75.66	0	0	511.25	0	0	0
2007	570.25	565.12	5.12	14.34	24.7	41.67	3.78	0	500.1	0	0	0	0	0	74.7	0	0	490.43	20.82	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	575.51	586.48	-10.97	21.88	38.04	32.08	5.28	0	500.1	0	0	0	0	0	75.23	0	0	511.25	0	0	0
2011	627.75	587.5	40.26	16.16	28.35	95.42	3.88	0	500.1	0	0	0	0	0	76.25	0	0	511.25	0	0	0
2012	579.72	588.48	-8.76	16.9	30.64	44.58	3.02	0	501.47	0	0	0	0	0	77.23	0	0	511.25	0	0	0
2013	565.36	587.8	-22.44	11.75	20.91	42.08	2.26	0	500.1	0	0	0	0	0	75.55	0	0	511.25	0	0	0
2014	605.27	587.16	18.11	23.59	41.05	57.5	6.62	0	500.1	0	0	0	0	0	75.91	0	0	511.25	0	0	0
2015	563.53	587.44	-23.91	12.37	22.07	38.75	2.61	0	500.1	0	0	0	0	0	75.19	0	0	511.25	0	0	0
2016	546.77	568.63	-21.86	13.79	24.14	17.5	3.66	0	501.47	0	0	0	0	0	74.89	0	0	493.74	17.51	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irig ac-ft	Irig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
569.53	558.65	10.88	15.78	27.56	36.61	3.88	0	501.47	0	0	0	0	0	75.21	0	0	483.44	27.81	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Bur 15 yr\Bur-03-89\Bur 03-89.pnd
File Creation Date : Sep 17, 2008 15:22:40
File Last Modified Date : Sep 17, 2008 15:22:40
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2003-1989
Simulation Start Date : Jan 01, 2003
Simulation End Date : Dec 31, 2017
Simulation Run Date : Sep 17, 2008 15:22
SPAW Interface Version : Sep 17, 2008 15:22:40
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--03-89 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr--03-89\Bur 15 yr--03-89.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--03-89 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr--03-89\Bur 15 yr--03-89.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2003	543.78	398.71	145.07	14.69	24.26	15	4.41	0	500.1	0	0	0	0	0	71.05	0	0	327.66	183.59	0	0
2004	533.35	522.33	11.01	12.19	20.49	8.75	2.63	0	501.47	0	0	0	0	0	74.01	0	0	448.33	52.92	0	0
2005	628.37	587.7	40.67	20.16	36.03	87.08	5.15	0	500.1	0	0	0	0	0	76.45	0	0	511.25	0	0	0
2006	531.92	582.72	-50.8	13.22	23.28	5.42	3.12	0	500.1	0	0	0	0	0	75.52	0	0	507.19	4.06	0	0
2007	570.25	564.82	5.43	14.34	24.7	41.67	3.78	0	500.1	0	0	0	0	0	74.69	0	0	490.13	21.12	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	574.67	586.47	-11.79	21.88	38.04	31.25	5.28	0	500.1	0	0	0	0	0	75.22	0	0	511.25	0	0	0
2011	627.75	587.46	40.28	16.16	28.34	95.42	3.89	0	500.1	0	0	0	0	0	76.21	0	0	511.25	0	0	0
2012	579.72	588.45	-8.74	15.9	30.63	44.58	3.03	0	501.47	0	0	0	0	0	77.2	0	0	511.25	0	0	0
2013	565.35	587.77	-22.42	11.75	20.9	42.08	2.26	0	500.1	0	0	0	0	0	76.52	0	0	511.25	0	0	0
2014	605.26	587.13	18.13	23.59	41.03	57.5	6.63	0	500.1	0	0	0	0	0	75.88	0	0	511.25	0	0	0
2015	563.52	587.41	-23.88	12.37	22.06	38.75	2.61	0	500.1	0	0	0	0	0	76.16	0	0	511.25	0	0	0
2016	546.77	567.93	-21.16	13.79	24.13	17.5	3.66	0	501.47	0	0	0	0	0	74.87	0	0	493.06	18.19	0	0
2017	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
569.1	557.85	11.26	15.94	27.8	35.83	4	0	501.47	0	0	0	0	0	75.17	0	0	482.67	28.58	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Bur04-90\Bur04-90.pnd
File Creation Date : Sep 17, 2008 15:24:44
File Last Modified Date : Sep 17, 2008 15:24:44
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2004-1990
Simulation Start Date : Jan 01, 2004
Simulation End Date : Dec 31, 2018
Simulation Run Date : Sep 17, 2008 15:24
SPAW Interface Version : Sep 17, 2008 15:24:44
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--04-90 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--04-90\Bur 15 yr--04-90.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils--0.45 in/5th day--04-90 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr--04-90\Bur 15 yr--04-90.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.56
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2004	532.8	376.71	156.09	12.17	19.64	8.75	2.93	0	501.47	0	0	0	0	0	70.91	0	0	305.8	205.45	0	0
2005	622.52	587.55	34.96	20.16	35.99	81.25	5.18	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
2006	531.9	576.99	-45.09	13.22	23.22	5.42	3.16	0	500.1	0	0	0	0	0	75.35	0	0	501.64	9.61	0	0
2007	570.25	564.82	5.43	14.34	24.7	41.67	3.78	0	500.1	0	0	0	0	0	74.69	0	0	490.13	21.12	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	574.25	586.46	-12.2	21.88	38.03	30.83	5.28	0	500.1	0	0	0	0	0	75.21	0	0	511.25	0	0	0
2011	627.74	587.45	40.29	16.16	28.33	95.42	3.89	0	500.1	0	0	0	0	0	76.2	0	0	511.25	0	0	0
2012	579.71	588.44	-8.73	16.9	30.62	44.58	3.03	0	501.47	0	0	0	0	0	77.19	0	0	511.25	0	0	0
2013	565.35	587.75	-22.4	11.75	20.9	42.08	2.26	0	500.1	0	0	0	0	0	76.5	0	0	511.25	0	0	0
2014	605.26	587.12	18.14	23.59	41.02	57.5	6.63	0	500.1	0	0	0	0	0	75.87	0	0	511.25	0	0	0
2015	563.52	587.4	-23.87	12.37	22.05	38.75	2.61	0	500.1	0	0	0	0	0	76.15	0	0	511.25	0	0	0
2016	546.77	567.58	-20.82	13.79	24.13	17.5	3.67	0	501.47	0	0	0	0	0	74.86	0	0	492.72	18.53	0	0
2017	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
2018	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
570.97	559.59	11.38	16.24	28.31	37.08	4.1	0	501.47	0	0	0	0	0	75.19	0	0	484.4	26.85	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15 yr\Burd-05-91\Burd 05-91.pnd
File Creation Date : Sep 17, 2008 15:26:41
File Last Modified Date : Sep 17, 2008 15:26:41
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2005-1991
Simulation Start Date : Jan 01, 2005
Simulation End Date : Dec 31, 2019
Simulation Run Date : Sep 17, 2008 15:26
SPAW Interface Version : Sep 17, 2008 15:26:41
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-05-91 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-05-91\Bur 15 yr-05-91.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-05-91 500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur 15 yr-05-91\Bur 15 yr-05-91.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2005	605.87	455.34	150.53	20.16	33.44	65.42	6.91	0	500.1	0	0	0	0	0	71.48	0	0	383.86	127.39	0	0
2006	531.74	536.31	-4.58	13.22	22.84	5.42	3.38	0	500.1	0	0	0	0	0	74.21	0	0	452.11	49.14	0	0
2007	570.25	564.82	5.43	14.34	24.7	41.67	3.78	0	500.1	0	0	0	0	0	74.69	0	0	490.13	21.12	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.61	0	0	468.87	42.38	0	0
2010	571.33	586.39	-15.07	21.88	38.01	27.92	5.3	0	500.1	0	0	0	0	0	75.14	0	0	511.25	0	0	0
2011	627.73	587.34	40.38	16.16	28.29	95.42	3.91	0	500.1	0	0	0	0	0	76.09	0	0	511.25	0	0	0
2012	579.69	588.33	-8.64	16.9	30.58	44.58	3.05	0	501.47	0	0	0	0	0	77.08	0	0	511.25	0	0	0
2013	565.34	587.65	-22.32	11.75	20.87	42.08	2.28	0	500.1	0	0	0	0	0	76.4	0	0	511.25	0	0	0
2014	605.24	587.02	18.22	23.59	40.97	57.5	6.67	0	500.1	0	0	0	0	0	75.77	0	0	511.25	0	0	0
2015	563.51	587.3	-23.79	12.37	22.03	38.75	2.63	0	500.1	0	0	0	0	0	76.05	0	0	511.25	0	0	0
2016	546.76	565.13	-18.37	13.79	24.1	17.5	3.68	0	501.47	0	0	0	0	0	74.79	0	0	490.34	20.91	0	0
2017	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
2018	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
2019	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
575.32	561.93	13.4	16.27	28.33	41.33	4.19	0	501.47	0	0	0	0	0	75.11	0	0	486.81	24.44	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAW\Projects\Ponds\Bur 15-yr\Bur15-06-92\Bur15-06-92.pnd
File Creation Date : Sep 17, 2008 15:28:07
File Last Modified Date : Sep 17, 2008 15:28:07
Description : 685 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2006-1992
Simulation Start Date : Jan 01, 2006
Simulation End Date : Dec 31, 2020
Simulation Run Date : Sep 17, 2008 15:28
SPAW Interface Version : Sep 17, 2008 15:28:07
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-06-92	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur15-06-92\Bur15-06-92.fpin Dec 30, 1899 00:00	

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE)	AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-06-92	500.00
C:\Program Files\SPAW Hydrology\SPAW\Projects\Fields\Bur 15-yr\Bur15-06-92\Bur15-06-92.fpin Dec 30, 1899 00:00	

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2006	531.05	385.1	145.96	13.13	21.42	5.42	4.11	0	500.1	0	0	0	0	0	70.85	0	0	314.24	197.01	0	0
2007	570.25	564.82	5.43	14.34	24.7	41.87	3.78	0	500.1	0	0	0	0	0	74.69	0	0	490.13	21.12	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	558.8	575.53	-16.73	21.88	37.97	15.42	5.31	0	500.1	0	0	0	0	0	75.04	0	0	500.49	10.76	0	0
2011	626.04	587.24	38.8	16.16	28.25	93.75	3.93	0	500.1	0	0	0	0	0	75.99	0	0	511.25	0	0	0
2012	579.67	588.21	-8.54	16.9	30.54	44.58	3.08	0	501.47	0	0	0	0	0	76.96	0	0	511.25	0	0	0
2013	565.32	587.54	-22.21	11.75	20.84	42.08	2.29	0	500.1	0	0	0	0	0	76.29	0	0	511.25	0	0	0
2014	605.22	586.9	18.31	23.59	40.91	57.5	6.71	0	500.1	0	0	0	0	0	75.65	0	0	511.25	0	0	0
2015	563.5	587.19	-23.69	12.37	22	38.75	2.65	0	500.1	0	0	0	0	0	75.94	0	0	511.25	0	0	0
2016	546.75	562.27	-15.52	13.79	24.07	17.5	3.7	0	501.47	0	0	0	0	0	74.71	0	0	487.56	23.69	0	0
2017	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
2018	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
2019	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
2020	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
569.86	559.31	10.55	15.86	27.64	36.78	3.97	0	501.47	0	0	0	0	0	75.1	0	0	484.21	27.04	0	0

A SUMMARY OF ACCUMULATIVE ANNUAL POND VOLUMES

SIMULATION BY:

John Dwyer
Project Engineer
Knight Piesold

SIMULATION FOR:

File : C:\Program Files\SPAW Hydrology\SPAWProjects\Ponds\Bur 15 yr\Burd-07-93\Burd 07-93.pnd
File Creation Date : Sep 17, 2008 15:29:28
File Last Modified Date : Sep 17, 2008 15:29:28
Description : 665 AF Pond using TP8, TP9, TP10 Burd soils, 0.45 in/5th da, 500 ac, 2007-1993
Simulation Start Date : Jan 01, 2007
Simulation End Date : Dec 31, 2021
Simulation Run Date : Sep 17, 2008 15:29
SPAW Interface Version : Sep 17, 2008 15:29:28
Pond Model Version : 6.02.71

WATERSHED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-07-93 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-07-93.fpin Dec 30, 1899 00:00

IRRIGATED FIELDS:

DESCRIPTION/FILE (DATE) AREA (AC)
Burdock TP8, TP9, TP10 Revised Soils-0.45 in/5th day-07-93 500.00
C:\Program Files\SPAW Hydrology\SPAWProjects\Fields\Bur 15-yr\Bur 15 yr-07-93.fpin Dec 30, 1899 00:00

POND PROFILE:

DEPTH (FT)	AREA (AC)	VOLUME (AC-FT)
0.00	18.79	0.00
5.00	19.85	96.60
10.00	20.93	198.55
15.00	22.04	305.98
20.00	23.18	419.03
25.00	24.34	537.83
30.00	25.54	662.53
33.00	26.27	740.24

POND PROFILE

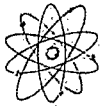
MAX AREA (AC) = 26.15
MAX DEPTH (FT) = 32.50
MAX VOLUME (AC-FT) = 727.29
IRRIGATION LIMIT (FT) = 1.00

ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Year	Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
2007	569.76	418.38	151.38	14.34	23.44	41.67	4.55	0	500.1	0	0	0	0	0	71.18	0	0	347.2	164.05	0	0
2008	544.47	548.12	-3.65	16.74	29.29	9.17	4.54	0	501.47	0	0	0	0	0	74.57	0	0	473.55	37.7	0	0
2009	569.09	543.38	25.71	13.46	23.36	42.08	3.54	0	500.1	0	0	0	0	0	74.51	0	0	468.87	42.38	0	0
2010	557.13	573.87	-16.73	21.88	37.96	13.75	5.32	0	500.1	0	0	0	0	0	75.03	0	0	498.83	12.42	0	0
2011	625.21	587.22	37.98	16.16	28.25	92.92	3.94	0	500.1	0	0	0	0	0	75.97	0	0	511.25	0	0	0
2012	579.66	588.18	-8.52	16.9	30.52	44.58	3.08	0	501.47	0	0	0	0	0	76.93	0	0	511.25	0	0	0
2013	565.32	587.51	-22.19	11.75	20.83	42.08	2.3	0	500.1	0	0	0	0	0	76.26	0	0	511.25	0	0	0
2014	605.21	588.87	16.34	23.59	40.89	57.5	6.72	0	500.1	0	0	0	0	0	75.62	0	0	511.25	0	0	0
2015	563.49	587.16	-23.67	12.37	21.99	38.75	2.65	0	500.1	0	0	0	0	0	75.91	0	0	511.25	0	0	0
2016	546.75	561.54	-14.8	13.79	24.06	17.5	3.71	0	501.47	0	0	0	0	0	74.69	0	0	486.86	24.39	0	0
2017	532.19	526.52	5.68	15.58	26.35	1.25	4.49	0	500.1	0	0	0	0	0	73.96	0	0	452.56	58.69	0	0
2018	578.68	576.82	1.86	19.14	33.23	40	5.35	0	500.1	0	0	0	0	0	74.79	0	0	502.03	9.22	0	0
2019	621.51	587.55	33.96	15.03	26.88	91.25	3.28	0	500.1	0	0	0	0	0	76.3	0	0	511.25	0	0	0
2020	540.28	581.66	-41.37	14.07	24.84	11.25	2.72	0	501.47	0	0	0	0	0	75.47	0	0	506.19	5.06	0	0
2021	654.67	587.73	66.94	22.3	39.53	109.58	5.45	0	500.1	0	0	0	0	0	76.48	0	0	511.25	0	0	0

AVERAGE ANNUAL VOLUMES BY MAJOR IMPOUNDMENT PROCESSES

Inflow ac-ft	Outflow ac-ft	Change ac-ft	Precip in	Precip Vol ac-ft	WS Runoff ac-ft	Bank Runc ac-ft	Interflow ac-ft	Ext Input ac-ft	Seep In ac-ft	Supply In ac-ft	Drwdwn In ac-ft	Pipe In ac-ft	Spill In ac-ft	Vol Evap ac-ft	Vol Infil ac-ft	Vol Seep ac-ft	Irrig ac-ft	Irrig Def ac-ft	Sup Pump ac-ft	Sup Pump ac-ft
577.9	562.89	15.01	16.47	28.76	43.56	4.11	0	501.47	0	0	0	0	0	75.23	0	0	487.66	23.59	0	0



POWERTECH (USA) INC.

APPENDIX 4.10-A

CULTURAL RESOURCES REPORT

(PLEASE SEE SUPPLEMENTAL SET OF 11 BINDERS)

MEMORANDUM OF AGREEMENT

BETWEEN POWERTECH (USA) INC.

AND THE

**ARCHAEOLOGICAL RESEARCH CENTER (ARC), A PROGRAM OF THE
SOUTH DAKOTA STATE HISTORICAL SOCIETY,
REGARDING THE DEWEY-BURDOCK PROJECT**

Located in Custer and Fall River Counties, South Dakota

**Establishing Procedures to Avoid or Mitigate Potential Effects on Archeological
and Historic Sites pursuant to SDCL 45-6D-14 and SDCL ch. 45-6B**

WHEREAS Powertech (USA) Inc. (Powertech) plans to seek a mining permit for the Dewey-Burdock Uranium In Situ Mining Project ("Project") pursuant to the South Dakota Mined Land Reclamation Act (SDCL ch. 45-6B);

WHEREAS the Project consists of construction, operation and reclamation of uranium in situ mining and recovery facilities in Custer and Fall River Counties;

WHEREAS Powertech has defined the Project's area of potential effect ("APE") as described in Attachment A;

WHEREAS Powertech has determined that the Project may have an effect on archaeological or historic sites that contain or are likely to contain information significant to the state or local history or prehistory, and has consulted, and will continue to consult, with the ARC Archaeologist pursuant to SDCL 45-6D-14 and SDCL ch. 45-6B;

WHEREAS Powertech has also consulted with the South Dakota Department of Environment and Natural Resources (DENR) regarding the effects of the Project on archaeological or historic properties;

NOW, THEREFORE Powertech and the ARC agree that the Project shall be implemented in accordance with the following stipulations in order to prevent or mitigate any effect of the Project on archeological or historic sites.

STIPULATIONS

Powertech shall ensure that the following measures are carried out:

I. Archaeological or historic sites threatened or potentially threatened by proposed ground disturbing activity in the current and projected phases of the Project will be investigated prior to the proposed activity to determine their significance or research potential.

II. Historic or archaeological sites located in the remainder of the APE that are not

proposed to be affected, and that were previously identified in the archaeological investigation conducted by Augustana Laboratory ("Augustana") entitled, *A Level III Cultural Resources Evaluation of Powertech (USA) Incorporated's Proposed Dewey-Burdock Uranium Project Locality within the Southern Black Hills, Custer and Fall River Counties, South Dakota* by Kruse et al, that was provided to the ARC, will be avoided. If surface disturbance of a site becomes necessary, the ARC will be notified at least 30 days in advance of surface disturbance.

III. Augustana will be authorized to proceed with the evaluation of the selected sites pursuant to the scope of work described in Attachment WWW upon execution of this MOA.

IV. Each quarter during the first year and each year thereafter following the execution of this MOA until it expires or is terminated, Powertech shall provide ARC a summary report detailing work undertaken pursuant to its terms. Such report shall include any scheduling changes proposed, any problems encountered, and any disputes and objections received in Powertech's efforts to carry out the terms of this MOA.

V. DURATION

This MOA will be null and void if its terms are not carried out within five (5) years from the date of its execution. Prior to such time, Powertech may consult with the other signatory to reconsider the terms of the MOA and amend it in accordance with Stipulation VIII below.

VI. UNANTICIPATED DISCOVERIES

If historic or archaeological sites are discovered or unanticipated effects on historic or archeological sites are found during any phase of the Project, Powertech shall temporarily halt any surface disturbing activities in the immediate vicinity and contact ARC. Powertech will not resume its activities in the area until and unless the unanticipated effects or sites are investigated and clearance to proceed is granted by ARC.

VII. REPORTING

Refer to article IV in this MOA.

VIII. DISPUTE RESOLUTION

Should either party to this MOA object at any time to any actions proposed or the manner in which the terms of this MOA are implemented, Powertech and ARC shall consult to resolve the objection. If Powertech determines the objection cannot be resolved, Powertech will:

- A. File a petition for a contested case hearing that includes all documentation relevant to the dispute, including Powertech's proposed resolution, with the South

Dakota Board of Minerals and Environment (BME), which is the entity with jurisdiction over such mining activities pursuant to SDCL ch. 45-6B, and including 45-6B-33.3 to -33.8, inclusive. The BME shall timely schedule a hearing on the issues and shall notify all parties of the hearing. All parties shall be allowed to present evidence and argument to the BME at the hearing. Powertech will proceed in accordance with the final decision of the BME.

B. Powertech may not proceed until the BME has issued a final decision on the dispute.

C. Powertech's responsibility to carry out all other actions subject to the terms of this MOA that are not the subject of the dispute remain unchanged.

IX. AMENDMENTS

This MOA may be amended when such an amendment is agreed to in writing by both parties. The amendment will be effective on the date a copy signed by ARC.

X. TERMINATION


If either party to this MOA determines that its terms will not or cannot be carried out, that party shall immediately consult with the other parties to attempt to develop an amendment per Stipulation VIII, above. If within thirty (30) days (or another time period agreed to by both parties) an amendment cannot be reached, either party may terminate the MOA upon written notification to the other signatories.

Execution of this MOA by Powertech and ARC and implementation of its terms constitute evidence that Powertech has taken into account the effects of this Project on potential significant historic and archaeological sites and is committed to working closely with ARC to avoid and/or mitigate any potential affects on such properties.

This MOA does not supersede any future Federal involvement in the Project and does not constitute compliance with Federal laws such as the National Historic Preservation Act or the National Environmental Policy Act.

SIGNATORIES:

Powertech (USA) Inc.

 Date 9/10/08

Richard E. Blubaugh
Vice President-Environmental,
Health and Safety Resources

Archaeological Research Center

 Date 9.15.08
James Haug
State Archaeologist

ATTACHMENT A

Powertech (USA) Inc.'s Dewey-Burdock Project in Custer and Fall River Counties, South Dakota is outlined by its proposed **Project Boundary** in Figure A (Confidential) following this Attachment. The Project Boundary encompasses the following sections (or portions thereof):

T6S, R1E:

Sections 20, 21, and 27 - 35

T7S, R1E:

Sections 1 - 5, 10 - 12, and 15

The **Area of Potential Effect (APE)** is defined as the areas that would potentially be affected by the surface-disturbing activities of the project and is a much smaller area than the area encompassed by the Project Boundary. The APE is based on known mining resources and is subject to change as additional resources are identified. The APE is depicted in Figure A (Confidential) and is generally described as follows:

T6S, R1E:

Sections (or portions thereof): 28, 29, 32, 33, 35

T7S, R1E:

Sections (or portions thereof): 1 - 3, 10 - 12

10/2

**FIRST AMENDMENT
TO
MEMORANDUM OF AGREEMENT
BETWEEN POWERTECH (USA) INC.
AND THE
ARCHAEOLOGICAL RESEARCH CENTER (ARC),
A PROGRAM OF THE SOUTH DAKOTA STATE HISTORICAL SOCIETY,
REGARDING THE DEWEY - BURDOCK PROJECT
Located in Custer and Fall River Counties, South Dakota
Establishing Procedures to Avoid or Mitigate Potential Effects on
Archaeological and Historic Sites
pursuant to SDCL 45-6D-14 and SDCL ch. 45-6B**

RECITALS

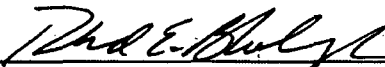
1. The ARC and POWERTECH (USA) INC. ("Powertech") previously entered into a Memorandum of Agreement ("MOA") regarding Powertech's proposed Dewey-Burdock Uranium In-Situ Mining Project ("Project") in Custer and Fall River Counties, South Dakota.
2. The sections containing the lands enclosed within the Project Boundary were described in Attachment A to the MOA.
3. It has come to the attention of Powertech that a minor change in the Project Boundary has resulted in the inclusion of approximately 280 additional acres within the Project Boundary that are not covered by the description in said Attachment A.
4. The parties desire to amend the MOA to include the description of the section containing the additional acres.

NOW, THEREFORE, Powertech and the ARC hereby amend the MOA as follows:

1. **Description of Lands to be Added to Attachment A.** The description of the sections encompassed within the Project Boundary, as described in Attachment A to the MOA, is hereby amended to include Section 14, T7S, R1E, B.H.M., Fall River County, South Dakota.
2. **Ratification.** In all other respects, the MOA is hereby ratified and confirmed.

Dated by Powertech 2/10, 2009.

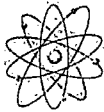
POWERTECH (USA) INC.

By: 
Richard E. Blubaugh, Vice President-
Environmental, Health and Safety
Resources

Dated by the ARC 1.28.09, 2009.

**ARCHAEOLOGICAL RESEARCH
CENTER**

By: 
James Haug, State Archaeologist



POWERTECH (USA) INC.

APPENDIX 4.14-A

MILDOS AREA STIMULATION FOR LAND APPLICATION

11REGION: Dewey Burdock
METSET:
0

COMILDOS-AREA (02/97)
DATA JOB.MIL
TABLE OF CONTENTS

PAGE 1
08/21/08

OMETEOROLOGICAL DATA	2
INDIVIDUAL RECEPTORS & MISCELLANEOUS INPUT DATA	3
POPULATION DISTRIBUTION	4
SOURCE PARAMETERS	5
TIME STEP 1,	
CONCENTRATION DATA FOR SPATIAL INTERVALS	6
100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR	
INHALATION PATHWAY	11
GROUND PATHWAY	15
CLOUD PATHWAY	16
VEGETATION INGESTION PATHWAY	17
MEAT INGESTION PATHWAY	19
MILK INGESTION PATHWAY	21
POPULATION DOSE SUMMARY	23
INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS	24
INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS	30
INDIVIDUAL RECEPTOR ALC CHECK AND/OR ANNUAL DOSE COMMITMENTS	31
TIME STEP 2,	
CONCENTRATION DATA FOR SPATIAL INTERVALS	113
100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR	
INHALATION PATHWAY	118
GROUND PATHWAY	122
CLOUD PATHWAY	123
VEGETATION INGESTION PATHWAY	124
MEAT INGESTION PATHWAY	126
MILK INGESTION PATHWAY	128
POPULATION DOSE SUMMARY	130
ENVIRONMENTAL DOSE COMMITMENTS, INTEGRATED OVER ALL TIME STEPS	131
INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS	132
INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS	138
INDIVIDUAL RECEPTOR ALC CHECK AND/OR ANNUAL DOSE COMMITMENTS	139

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

JOINT FREQUENCY IN PERCENT, DIRECTION INDICATES WHERE WIND IS FROM FREQWS=0.46786,0.23973,0.15172,0.09302,0.03668,0.01100
MPH N NNE NE ENE E ESE SE SSE S SSW SW WSW W WNW NW NNW TOTALS

STABILITY CLASS 1

1.5	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260
5.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260	0.0000	0.0000	0.0000	0.0000	0.0260
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260	0.0000	0.0000	0.0000	0.0000	0.0520

STABILITY CLASS 2

1.5	0.3930	0.2360	0.1310	0.1050	0.0790	0.1830	0.1570	0.3410	0.7340	0.7340	0.7860	0.4980	0.8650	0.8390	0.9170	0.7080	7.7060
5.5	0.0520	0.0000	0.0000	0.0260	0.0000	0.0260	0.0000	0.0520	0.0790	0.0790	0.0520	0.1050	0.2620	0.0790	0.1830	0.1050	1.1000
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0790	0.0000	0.0000	0.0790
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.4450	0.2360	0.1310	0.1310	0.0790	0.2090	0.1570	0.3930	0.8130	0.8130	0.8380	0.6030	1.1270	0.9970	1.1000	0.8130	8.8850

STABILITY CLASS 3

1.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5.5	0.0520	0.0000	0.0260	0.0000	0.0260	0.0790	0.3410	0.2360	0.3140	0.0260	0.1050	0.2880	0.6290	1.1010	0.8650	0.6810	4.7690
10.0	0.0000	0.0000	0.0000	0.0000	0.1050	0.0260	0.2880	0.2360	0.0260	0.0000	0.0260	0.0260	0.1310	0.8390	0.6810	0.4450	2.8290
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.0520	0.0000	0.0260	0.0000	0.1310	0.1050	0.6290	0.4720	0.3400	0.0260	0.1310	0.3140	0.7600	1.9400	1.5460	1.1260	7.5980

STABILITY CLASS 4

1.5	1.7600	0.4720	0.1830	0.1570	0.2620	0.2100	0.2880	0.6290	0.8120	0.4720	0.4980	0.6550	0.5770	0.4980	0.9430	1.1790	9.5950
5.5	1.0200	0.1570	0.1570	0.3410	0.8390	0.6290	0.5240	0.6290	0.2360	0.2360	0.0260	0.1570	0.4980	1.3890	2.0960	1.8870	10.8210
10.0	0.3140	0.1050	0.1050	0.6030	1.0740	0.5240	0.5500	0.1830	0.0000	0.0000	0.1310	0.0790	0.4720	2.4630	4.1930	1.4680	12.2640
15.5	0.0260	0.0000	0.0260	0.3930	0.5770	0.1050	0.1050	0.0790	0.0000	0.0000	0.1830	0.1830	0.3140	1.7300	4.7690	0.8120	9.3020
21.5	0.0000	0.0000	0.0000	0.0520	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0790	0.1830	0.6550	2.5160	0.1570	3.6680
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260	0.0260	0.0520	0.9700	0.0260	1.1000
ALL	3.1200	0.7340	0.4710	1.5460	2.7780	1.4680	1.4670	1.5200	1.0480	0.7080	0.8380	1.1790	2.0700	6.7870	15.4870	5.5290	46.7500

STABILITY CLASS 5

1.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5.5	0.8120	0.0790	0.1310	0.1830	0.2100	0.1570	0.2620	0.2880	0.0260	0.0000	0.0260	0.0000	0.0520	0.2880	0.6030	0.8650	3.9820
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.8120	0.0790	0.1310	0.1830	0.2100	0.1570	0.2620	0.2880	0.0260	0.0000	0.0260	0.0000	0.0520	0.2880	0.6030	0.8650	3.9820

STABILITY CLASS 6

1.5	5.5600	3.3540	2.0700	1.2050	0.8650	0.8390	0.8910	1.2050	1.1270	0.7860	0.5240	0.5770	0.9430	1.4940	2.5940	5.4250	29.4590
5.5	0.7600	0.1570	0.1050	0.1050	0.1310	0.2100	0.0790	0.1310	0.1830	0.0000	0.0520	0.0260	0.1050	0.1830	0.2880	0.7600	3.2750
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	6.3200	3.5110	2.1750	1.3100	0.9960	1.0490	0.9700	1.3360	1.3100	0.7860	0.5760	0.6030	1.0480	1.6770	2.8820	6.1850	32.7340

ALL 10.7750 4.5600 2.9340 3.1700 4.1940 2.9880 3.4850 4.0090 3.5370 2.3330 2.4090 2.7250 5.0570 11.6890 21.6180 14.5180 100.0010

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

INDIVIDUAL RECEPTOR LOCATION DATA,							41 LOCATIONS INPUT THIS RUN						
I	LOCATION NAMES	X (KM)	Y (KM)	Z (M)	DIST (KM)	TYPE	I	LOCATION NAMES	X (KM)	Y (KM)	Z (M)	DIST (KM)	TYPE
1	CPP N	0.07	2.84	0.00	2.84	10	22	SF SSE	-3.69	0.23	0.00	3.70	10
2	CPP NNE	1.25	2.81	0.00	3.08	10	23	SF SE	-2.79	1.26	0.00	3.06	10
3	CPP NE	1.25	1.19	0.00	1.73	10	24	SF S	-5.06	-0.34	0.00	5.07	10
4	CPP ENE	2.86	1.10	0.00	3.06	10	25	SF SSW	-5.97	1.30	0.00	6.11	10
5	CPP E	2.83	-0.07	0.00	2.83	10	26	SF SW	-6.05	2.53	0.00	6.56	10
6	CPP ESE	2.81	-1.25	0.00	3.08	10	27	SF WSW	-6.03	3.15	0.00	6.80	10
7	CPP SSE	0.96	-2.49	0.00	2.67	10	28	SF W	-6.02	3.57	0.00	7.00	10
8	CPP SE	1.99	-2.09	0.00	2.89	10	29	SF WNW	-5.39	3.71	0.00	6.54	10
9	CPP S	-0.05	-2.88	0.00	2.88	10	30	SF NW	-5.22	3.77	0.00	6.44	10
10	CPP SSW	-1.27	-2.86	0.00	3.13	10	31	SF NNW	-5.21	4.07	0.00	6.61	10
11	CPP SW	-2.13	-2.02	0.00	2.94	10	32	SF ESE	-2.81	2.60	0.00	3.83	10
12	CPP WSW	-1.27	-0.49	0.00	1.36	10	33	Daniels Ranch	2.13	0.02	0.00	2.13	10
13	CPP W	-2.07	0.04	0.00	2.07	10	34	Spencer Ranch	-2.00	1.21	0.00	2.34	10
14	CPP WNW	-2.06	0.90	0.00	2.25	10	35	BC Ranch	-6.64	3.81	0.00	7.66	10
15	CPP NW	-2.37	2.48	0.00	3.43	10	36	Puttman Ranch	-5.16	7.23	0.00	8.88	10
16	CPP NNW	-1.10	2.87	0.00	3.07	10	37	Englebert Ranch	0.30	-4.83	0.00	4.84	10
17	SF N	-4.98	4.56	0.00	6.75	10	38	Burdock School	-2.25	-1.96	0.00	2.98	10
18	SF NNE	-4.57	4.55	0.00	6.45	10	39	Heck Ranch	1.73	-6.38	0.00	6.61	10
19	SF NE	-3.98	4.54	0.00	6.04	10	40	Edgemont	11.03	-18.59	0.00	21.62	10
20	SF ENE	-3.18	4.24	0.00	5.30	10	41	Background	-5.25	-3.00	0.00	6.05	10
21	SF E	-2.79	3.48	0.00	4.46	10							

MISCELLANEOUS INPUTABLE PARAMETER VALUES

DMM	DMA	TSTART	FFORI	FHAYI	FFORP	FHAYP	FPR(1)	FPR(2)	FPR(3)	ACTRAT
100.0	100.0	2008.00	0.50	0.50	0.50	0.50	0.00	0.00	0.00	2.50

IPACT EQUALS 0, 0, 0, 0, 0, 0, 0, 1,

JC EQUALS 1, 1, 1, 1, 0, 0, 1, 0, 1, 0

TIME STEP DATA....	STEP NAMES	LENGTH, YRS	IFTODO
1		5.00	1
2		100.00	1

XRHO EQUALS 1.5, 2.5, 3.5, 4.5, 7.5, 15.0, 25.0, 35.0, 45.0, 55.0, 65.0, 75.0,

HDP EQUALS 50.0

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

POPULATION DISTRIBUTION

KILOMETERS	N 0.0	NNE 22.5	NE 45.0	ENE 67.5	E 90.0	ESE 112.5	SE 135.0	SSE 157.5	S 180.0	SSW 202.5	SW 225.0	WSW 247.5	W 270.0	WNW 292.5	NW 315.0	NNW 337.5
1.0- 2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.0- 3.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
3.0- 4.0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0
4.0- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0-10.0	0	0	0	0	0	0	0	2	11	3	0	0	0	8	6	2
10.0-20.0	26	12	10	0	24	21	12	18	0	7	0	19	0	6	2	0
20.0-30.0	165	8	15	154	47	26	342	649	7	0	0	14	0	2	0	35
30.0-40.0	54	59	494	282	501	76	18	52	6	2	29	15	2	2	10	234
40.0-50.0	25	64	3852	21	4651	329	32	7	18	2	18	4	10	18	22	4129
50.0-60.0	25	229	391	73	278	183	12	30	2	25	21	28	0	57	30	121
60.0-70.0	39	780	1825	268	70	143	13	20	17	21	23	8	22	58	50	316
70.0-80.0	58	386	3427	539	95	136	34	30	44	48	61	9	18	33	72	77
1.0-80.0	392	1538	10014	1337	5666	914	463	808	106	108	152	103	52	184	192	4914

TOTAL 1-80 KM POPULATION IS 26943 PERSONS

PAGE 08/21

NUMBER OF SOURCES= 8

NO.	KM X	KM Y	M Z	KM2 AREA	U-238	Th-230	CI/YEAR Ra-226	Pb-210	Rn-222	ID	PSIZE SET	M/SEC EXIT VEL	SOURCE NAME
1	-5.00	3.54	16.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02	1001	1	3.30E+00	SF
2	1.83	-0.56	0.00	0.9130	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02	2001	1	0.00E+00	CPP Wellfield
3	-3.86	3.48	0.00	0.8380	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02	2002	1	0.00E+00	SF Wellfield
4	-5.36	3.92	0.00	1.3600	4.24E-01	1.48E-01	8.88E-02	1.48E-02	2.77E+00	1002	1	0.00E+00	SF Land App
5	-0.37	1.26	0.00	0.8160	2.56E-01	8.88E-02	5.33E-02	8.88E-03	2.05E+00	1003	1	0.00E+00	CPP LA 1
6	-0.81	-0.75	0.00	0.2720	8.52E-02	2.96E-02	1.78E-02	2.96E-03	6.84E-01	1004	1	0.00E+00	CPP LA 2
7	-0.54	-2.46	0.00	0.2720	8.52E-02	2.96E-02	1.78E-02	2.96E-03	6.84E-01	1005	1	0.00E+00	CPP LA 3
8	0.00	0.00	16.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02	1006	1	3.30E+00	CPP

SET	INPUT URANIUM	TAILS THORIUM	ACTIVITIES, RADIUM	PCI/G LEAD
1	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AMAD AND FRACTIONAL SET	1.5	3.0	7.7	54.0
1	0.000	1.000	0.000	0.000
2	1.000	0.000	0.000	0.000
3	0.000	0.000	0.300	0.700

[illegible][illegible]

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	3.953E-02	1.372E-02	8.231E-03	8.231E-03	2.090E+01	2.052E+01	1.375E+01	9.127E+00	2.226E-05	1.249E-04
2.5	4.633E-03	1.611E-03	9.667E-04	9.667E-04	1.449E+01	1.445E+01	1.133E+01	8.489E+00	2.125E-05	1.040E-04
3.5	3.025E-03	1.052E-03	6.315E-04	6.315E-04	1.158E+01	1.156E+01	9.789E+00	7.946E+00	2.301E-05	9.117E-05
4.5	1.996E-03	6.945E-04	4.168E-04	4.168E-04	8.481E+00	8.478E+00	7.560E+00	6.493E+00	2.276E-05	7.128E-05
7.5	7.947E-04	2.766E-04	1.660E-04	1.660E-04	4.908E+00	4.910E+00	4.713E+00	4.446E+00	2.706E-05	4.553E-05
15.0	2.157E-04	7.509E-05	4.507E-05	4.507E-05	2.240E+00	2.241E+00	2.236E+00	2.218E+00	3.430E-05	2.192E-05
25.0	6.321E-05	2.201E-05	1.321E-05	1.321E-05	1.273E+00	1.274E+00	1.278E+00	1.278E+00	3.725E-05	1.256E-05
35.0	2.610E-05	9.085E-06	5.453E-06	5.453E-06	8.510E-01	8.515E-01	8.553E-01	8.577E-01	3.745E-05	8.413E-06
45.0	1.314E-05	4.574E-06	2.745E-06	2.745E-06	6.233E-01	6.236E-01	6.266E-01	6.288E-01	3.695E-05	6.165E-06
55.0	7.434E-06	2.588E-06	1.553E-06	1.553E-06	4.832E-01	4.835E-01	4.859E-01	4.876E-01	3.627E-05	4.780E-06
65.0	4.493E-06	1.564E-06	9.388E-07	9.388E-07	3.893E-01	3.895E-01	3.914E-01	3.928E-01	3.553E-05	3.851E-06
75.0	2.827E-06	9.842E-07	5.907E-07	5.907E-07	3.223E-01	3.225E-01	3.241E-01	3.252E-01	3.480E-05	3.188E-06

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	4.120E+05	1.429E+05	8.439E+04	8.439E+04	0.000E+00	8.440E+04	8.440E+04	8.440E+04	4.636E+01
2.5	4.830E+04	1.679E+04	9.912E+03	9.912E+03	0.000E+00	9.923E+03	9.923E+03	9.923E+03	4.426E+01
3.5	3.153E+04	1.097E+04	6.475E+03	6.475E+03	0.000E+00	6.484E+03	6.484E+03	6.484E+03	4.793E+01
4.5	2.080E+04	7.237E+03	4.273E+03	4.273E+03	0.000E+00	4.280E+03	4.280E+03	4.280E+03	4.741E+01
7.5	8.284E+03	2.882E+03	1.702E+03	1.702E+03	0.000E+00	1.706E+03	1.706E+03	1.706E+03	5.636E+01
15.0	2.249E+03	7.825E+02	4.621E+02	4.621E+02	0.000E+00	4.638E+02	4.638E+02	4.638E+02	7.145E+01
25.0	6.589E+02	2.293E+02	1.354E+02	1.354E+02	0.000E+00	1.364E+02	1.364E+02	1.364E+02	7.760E+01
35.0	2.720E+02	9.467E+01	5.590E+01	5.590E+01	0.000E+00	5.658E+01	5.658E+01	5.658E+01	7.801E+01
45.0	1.370E+02	4.766E+01	2.815E+01	2.815E+01	0.000E+00	2.864E+01	2.864E+01	2.864E+01	7.698E+01
55.0	7.749E+01	2.696E+01	1.592E+01	1.592E+01	0.000E+00	1.631E+01	1.631E+01	1.631E+01	7.554E+01
65.0	4.684E+01	1.630E+01	9.625E+00	9.625E+00	0.000E+00	9.934E+00	9.934E+00	9.934E+00	7.401E+01
75.0	2.947E+01	1.026E+01	6.056E+00	6.056E+00	0.000E+00	6.312E+00	6.312E+00	6.312E+00	7.248E+01

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	3.953E-04	1.372E-04	8.231E-05	8.237E-05
2.5	4.633E-05	1.611E-05	9.667E-06	9.731E-06
3.5	3.025E-05	1.052E-05	6.315E-06	6.384E-06
4.5	1.996E-05	6.945E-06	4.168E-06	4.236E-06
7.5	7.947E-06	2.766E-06	1.660E-06	1.741E-06
15.0	2.157E-06	7.509E-07	4.507E-07	5.536E-07
25.0	6.321E-07	2.201E-07	1.321E-07	2.438E-07
35.0	2.610E-07	9.085E-08	5.453E-08	1.669E-07
45.0	1.314E-07	4.574E-08	2.745E-08	1.383E-07
55.0	7.434E-08	2.588E-08	1.553E-08	1.243E-07
65.0	4.493E-08	1.564E-08	9.388E-09	1.160E-07
75.0	2.827E-08	9.842E-09	5.907E-09	1.103E-07

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.481E-03	2.599E-03	1.560E-03	1.560E-03	2.830E+01	2.724E+01	1.267E+01	6.790E+00	2.446E-05	1.176E-04
2.5	4.745E-03	1.649E-03	9.897E-04	9.897E-04	2.122E+01	2.080E+01	1.106E+01	6.519E+00	2.552E-05	1.018E-04
3.5	3.134E-03	1.089E-03	6.538E-04	6.538E-04	1.381E+01	1.365E+01	9.630E+00	6.729E+00	2.855E-05	8.799E-05
4.5	2.159E-03	7.508E-04	4.506E-04	4.506E-04	1.010E+01	1.006E+01	8.132E+00	6.430E+00	3.137E-05	7.557E-05
7.5	1.128E-03	3.923E-04	2.354E-04	2.354E-04	5.018E+00	5.017E+00	4.634E+00	4.260E+00	3.430E-05	4.455E-05
15.0	4.277E-04	1.488E-04	8.933E-05	8.933E-05	2.292E+00	2.294E+00	2.237E+00	2.163E+00	3.760E-05	2.177E-05
25.0	1.753E-04	6.103E-05	3.663E-05	3.663E-05	1.270E+00	1.271E+00	1.262E+00	1.246E+00	3.722E-05	1.236E-05
35.0	8.995E-05	3.131E-05	1.879E-05	1.879E-05	8.527E-01	8.531E-01	8.530E-01	8.490E-01	3.629E-05	8.370E-06
45.0	5.216E-05	1.816E-05	1.090E-05	1.090E-05	6.287E-01	6.290E-01	6.305E-01	6.299E-01	3.530E-05	6.194E-06
55.0	3.260E-05	1.135E-05	6.810E-06	6.810E-06	4.904E-01	4.907E-01	4.924E-01	4.929E-01	3.437E-05	4.841E-06
65.0	2.142E-05	7.457E-06	4.476E-06	4.476E-06	3.973E-01	3.976E-01	3.992E-01	4.000E-01	3.351E-05	3.925E-06
75.0	1.461E-05	5.087E-06	3.053E-06	3.053E-06	3.307E-01	3.309E-01	3.324E-01	3.333E-01	3.271E-05	3.269E-06

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.798E+04	2.708E+04	1.599E+04	1.599E+04	0.000E+00	1.601E+04	1.601E+04	1.601E+04	5.096E+01
2.5	4.946E+04	1.718E+04	1.015E+04	1.015E+04	0.000E+00	1.016E+04	1.016E+04	1.016E+04	5.316E+01
3.5	3.266E+04	1.135E+04	6.704E+03	6.704E+03	0.000E+00	6.714E+03	6.714E+03	6.714E+03	5.948E+01
4.5	2.250E+04	7.823E+03	4.620E+03	4.620E+03	0.000E+00	4.628E+03	4.628E+03	4.628E+03	6.534E+01
7.5	1.176E+04	4.088E+03	2.414E+03	2.414E+03	0.000E+00	2.418E+03	2.418E+03	2.418E+03	7.144E+01
15.0	4.458E+03	1.551E+03	9.159E+02	9.159E+02	0.000E+00	9.177E+02	9.177E+02	9.177E+02	7.832E+01
25.0	1.828E+03	6.359E+02	3.755E+02	3.755E+02	0.000E+00	3.765E+02	3.765E+02	3.765E+02	7.753E+01
35.0	9.377E+02	3.263E+02	1.927E+02	1.927E+02	0.000E+00	1.934E+02	1.934E+02	1.934E+02	7.558E+01
45.0	5.437E+02	1.892E+02	1.117E+02	1.117E+02	0.000E+00	1.122E+02	1.122E+02	1.122E+02	7.353E+01
55.0	3.398E+02	1.182E+02	6.982E+01	6.982E+01	0.000E+00	7.021E+01	7.021E+01	7.021E+01	7.159E+01
65.0	2.233E+02	7.770E+01	4.589E+01	4.589E+01	0.000E+00	4.620E+01	4.620E+01	4.620E+01	6.979E+01
75.0	1.523E+02	5.301E+01	3.130E+01	3.130E+01	0.000E+00	3.157E+01	3.157E+01	3.157E+01	6.813E+01

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	7.481E-05	2.599E-05	1.560E-05	1.567E-05
2.5	4.745E-05	1.649E-05	9.897E-06	9.973E-06
3.5	3.134E-05	1.089E-05	6.538E-06	6.624E-06
4.5	2.159E-05	7.508E-06	4.506E-06	4.600E-06
7.5	1.128E-05	3.923E-06	2.354E-06	2.457E-06
15.0	4.277E-06	1.488E-06	8.933E-07	1.006E-06
25.0	1.753E-06	6.103E-07	3.663E-07	4.779E-07
35.0	8.995E-07	3.131E-07	1.879E-07	2.968E-07
45.0	5.216E-07	1.816E-07	1.090E-07	2.149E-07
55.0	3.260E-07	1.135E-07	6.810E-08	1.712E-07
65.0	2.142E-07	7.457E-08	4.476E-08	1.453E-07
75.0	1.461E-07	5.087E-08	3.053E-08	1.287E-07

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	1.210E-02	4.205E-03	2.526E-03	2.526E-03	4.362E+01	4.322E+01	2.664E+01	1.562E+01	4.300E-05	2.379E-04
2.5	1.407E-02	4.890E-03	2.939E-03	2.939E-03	3.222E+01	3.215E+01	2.503E+01	1.819E+01	5.851E-05	2.278E-04
3.5	8.991E-03	3.125E-03	1.878E-03	1.878E-03	2.512E+01	2.512E+01	2.170E+01	1.783E+01	7.268E-05	2.024E-04
4.5	4.164E-03	1.448E-03	8.697E-04	8.697E-04	2.131E+01	2.131E+01	1.951E+01	1.725E+01	8.752E-05	1.852E-04
7.5	1.536E-03	5.345E-04	3.209E-04	3.209E-04	1.313E+01	1.313E+01	1.279E+01	1.232E+01	1.092E-04	1.243E-04
15.0	4.213E-04	1.466E-04	8.802E-05	8.802E-05	6.424E+00	6.428E+00	6.405E+00	6.346E+00	1.206E-04	6.276E-05
25.0	1.520E-04	5.293E-05	3.177E-05	3.177E-05	3.569E+00	3.571E+00	3.581E+00	3.579E+00	1.183E-04	3.518E-05
35.0	7.138E-05	2.485E-05	1.492E-05	1.492E-05	2.365E+00	2.366E+00	2.376E+00	2.381E+00	1.136E-04	2.337E-05
45.0	3.851E-05	1.341E-05	8.049E-06	8.049E-06	1.719E+00	1.720E+00	1.728E+00	1.733E+00	1.090E-04	1.700E-05
55.0	2.259E-05	7.868E-06	4.722E-06	4.722E-06	1.323E+00	1.323E+00	1.330E+00	1.334E+00	1.047E-04	1.308E-05
65.0	1.405E-05	4.893E-06	2.936E-06	2.936E-06	1.058E+00	1.058E+00	1.064E+00	1.067E+00	1.010E-04	1.046E-05
75.0	9.172E-06	3.194E-06	1.917E-06	1.917E-06	8.698E-01	8.703E-01	8.745E-01	8.776E-01	9.758E-05	8.604E-06

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	1.261E+05	4.381E+04	2.590E+04	2.590E+04	0.000E+00	2.593E+04	2.593E+04	2.593E+04	8.956E+01
2.5	1.467E+05	5.095E+04	3.013E+04	3.013E+04	0.000E+00	3.015E+04	3.015E+04	3.015E+04	1.219E+02
3.5	9.372E+04	3.256E+04	1.925E+04	1.925E+04	0.000E+00	1.927E+04	1.927E+04	1.927E+04	1.514E+02
4.5	4.340E+04	1.509E+04	8.917E+03	8.917E+03	0.000E+00	8.934E+03	8.934E+03	8.934E+03	1.823E+02
7.5	1.601E+04	5.569E+03	3.290E+03	3.290E+03	0.000E+00	3.301E+03	3.301E+03	3.301E+03	2.274E+02
15.0	4.391E+03	1.528E+03	9.025E+02	9.025E+02	0.000E+00	9.076E+02	9.076E+02	9.076E+02	2.512E+02
25.0	1.585E+03	5.515E+02	3.257E+02	3.257E+02	0.000E+00	3.285E+02	3.285E+02	3.285E+02	2.465E+02
35.0	7.440E+02	2.590E+02	1.529E+02	1.529E+02	0.000E+00	1.548E+02	1.548E+02	1.548E+02	2.366E+02
45.0	4.014E+02	1.397E+02	8.253E+01	8.253E+01	0.000E+00	8.389E+01	8.389E+01	8.389E+01	2.270E+02
55.0	2.355E+02	8.199E+01	4.842E+01	4.842E+01	0.000E+00	4.946E+01	4.946E+01	4.946E+01	2.182E+02
65.0	1.464E+02	5.098E+01	3.011E+01	3.011E+01	0.000E+00	3.095E+01	3.095E+01	3.095E+01	2.103E+02
75.0	9.561E+01	3.328E+01	1.966E+01	1.966E+01	0.000E+00	2.034E+01	2.034E+01	2.034E+01	2.033E+02

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	1.210E-04	4.205E-05	2.526E-05	2.539E-05
2.5	1.407E-04	4.890E-05	2.939E-05	2.956E-05
3.5	8.991E-05	3.125E-05	1.878E-05	1.900E-05
4.5	4.164E-05	1.448E-05	8.697E-06	8.960E-06
7.5	1.536E-05	5.345E-06	3.209E-06	3.537E-06
15.0	4.213E-06	1.466E-06	8.802E-07	1.242E-06
25.0	1.520E-06	5.293E-07	3.177E-07	6.727E-07
35.0	7.138E-07	2.485E-07	1.492E-07	4.900E-07
45.0	3.851E-07	1.341E-07	8.049E-08	4.074E-07
55.0	2.259E-07	7.868E-08	4.722E-08	3.615E-07
65.0	1.405E-07	4.893E-08	2.936E-08	3.323E-07
75.0	9.172E-08	3.194E-08	1.917E-08	3.119E-07

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.166E-03	2.493E-03	1.497E-03	1.497E-03	2.169E+01	2.126E+01	1.527E+01	1.141E+01	3.253E-05	1.419E-04
2.5	4.706E-03	1.639E-03	9.839E-04	9.839E-04	2.583E+01	2.568E+01	2.061E+01	1.608E+01	4.191E-05	1.909E-04
3.5	4.211E-03	1.468E-03	8.808E-04	8.808E-04	2.714E+01	2.710E+01	2.248E+01	1.763E+01	4.461E-05	2.077E-04
4.5	3.330E-03	1.161E-03	6.966E-04	6.966E-04	2.397E+01	2.395E+01	2.016E+01	1.586E+01	4.069E-05	1.860E-04
7.5	9.519E-04	3.316E-04	1.990E-04	1.990E-04	8.250E+00	8.252E+00	7.601E+00	6.713E+00	2.843E-05	7.208E-05
15.0	3.075E-04	1.071E-04	6.425E-05	6.425E-05	1.829E+00	1.830E+00	1.756E+00	1.678E+00	2.200E-05	1.705E-05
25.0	1.395E-04	4.857E-05	2.915E-05	2.915E-05	8.966E-01	8.971E-01	8.823E-01	8.591E-01	2.097E-05	8.602E-06
35.0	7.893E-05	2.748E-05	1.649E-05	1.649E-05	5.670E-01	5.673E-01	5.644E-01	5.571E-01	1.978E-05	5.524E-06
45.0	4.941E-05	1.720E-05	1.032E-05	1.032E-05	4.045E-01	4.047E-01	4.048E-01	4.026E-01	1.880E-05	3.971E-06
55.0	3.289E-05	1.145E-05	6.872E-06	6.872E-06	3.093E-01	3.095E-01	3.102E-01	3.098E-01	1.799E-05	3.047E-06
65.0	2.282E-05	7.943E-06	4.768E-06	4.768E-06	2.473E-01	2.475E-01	2.484E-01	2.486E-01	1.729E-05	2.441E-06
75.0	1.632E-05	5.682E-06	3.411E-06	3.411E-06	2.041E-01	2.042E-01	2.050E-01	2.055E-01	1.669E-05	2.016E-06

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.470E+04	2.598E+04	1.535E+04	1.535E+04	0.000E+00	1.537E+04	1.537E+04	1.537E+04	6.776E+01
2.5	4.906E+04	1.708E+04	1.009E+04	1.009E+04	0.000E+00	1.011E+04	1.011E+04	1.011E+04	8.730E+01
3.5	4.390E+04	1.530E+04	9.031E+03	9.031E+03	0.000E+00	9.052E+03	9.052E+03	9.052E+03	9.292E+01
4.5	3.471E+04	1.210E+04	7.142E+03	7.142E+03	0.000E+00	7.161E+03	7.161E+03	7.161E+03	8.476E+01
7.5	9.922E+03	3.455E+03	2.040E+03	2.040E+03	0.000E+00	2.047E+03	2.047E+03	2.047E+03	5.923E+01
15.0	3.205E+03	1.115E+03	6.587E+02	6.587E+02	0.000E+00	6.602E+02	6.602E+02	6.602E+02	4.583E+01
25.0	1.454E+03	5.062E+02	2.989E+02	2.989E+02	0.000E+00	2.996E+02	2.996E+02	2.996E+02	4.368E+01
35.0	8.228E+02	2.863E+02	1.691E+02	1.691E+02	0.000E+00	1.696E+02	1.696E+02	1.696E+02	4.121E+01
45.0	5.150E+02	1.792E+02	1.059E+02	1.059E+02	0.000E+00	1.062E+02	1.062E+02	1.062E+02	3.916E+01
55.0	3.428E+02	1.193E+02	7.046E+01	7.046E+01	0.000E+00	7.070E+01	7.070E+01	7.070E+01	3.746E+01
65.0	2.378E+02	8.277E+01	4.888E+01	4.888E+01	0.000E+00	4.908E+01	4.908E+01	4.908E+01	3.602E+01
75.0	1.701E+02	5.921E+01	3.497E+01	3.497E+01	0.000E+00	3.513E+01	3.513E+01	3.513E+01	3.476E+01

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	7.166E-05	2.493E-05	1.497E-05	1.507E-05
2.5	4.706E-05	1.639E-05	9.839E-06	9.964E-06
3.5	4.211E-05	1.468E-05	8.808E-06	8.942E-06
4.5	3.330E-05	1.161E-05	6.966E-06	7.088E-06
7.5	9.519E-06	3.316E-06	1.990E-06	2.075E-06
15.0	3.075E-06	1.071E-06	6.425E-07	7.085E-07
25.0	1.395E-06	4.857E-07	2.915E-07	3.545E-07
35.0	7.893E-07	2.748E-07	1.649E-07	2.243E-07
45.0	4.941E-07	1.720E-07	1.032E-07	1.596E-07
55.0	3.289E-07	1.145E-07	6.872E-08	1.227E-07
65.0	2.282E-07	7.943E-08	4.768E-08	9.955E-08
75.0	1.632E-07	5.682E-08	3.411E-08	8.417E-08

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.576E-03	2.635E-03	1.582E-03	1.582E-03	2.260E+01	2.229E+01	1.594E+01	1.162E+01	2.945E-05	1.471E-04
2.5	6.107E-03	2.127E-03	1.277E-03	1.277E-03	2.739E+01	2.711E+01	2.000E+01	1.423E+01	2.940E-05	1.824E-04
3.5	6.589E-03	2.297E-03	1.378E-03	1.378E-03	3.990E+01	3.942E+01	2.705E+01	1.718E+01	2.839E-05	2.418E-04
4.5	7.683E-03	2.680E-03	1.608E-03	1.608E-03	4.933E+01	4.887E+01	3.041E+01	1.674E+01	2.361E-05	2.670E-04
7.5	2.281E-03	7.955E-04	4.773E-04	4.773E-04	9.239E+00	9.140E+00	6.617E+00	4.617E+00	1.525E-05	6.019E-05
15.0	3.802E-04	1.325E-04	7.950E-05	7.950E-05	1.907E+00	1.908E+00	1.813E+00	1.714E+00	2.026E-05	1.755E-05
25.0	1.243E-04	4.330E-05	2.598E-05	2.598E-05	8.602E-01	8.606E-01	8.515E-01	8.348E-01	2.012E-05	8.318E-06
35.0	5.860E-05	2.041E-05	1.225E-05	1.225E-05	5.303E-01	5.306E-01	5.303E-01	5.272E-01	1.923E-05	5.202E-06
45.0	3.255E-05	1.134E-05	6.803E-06	6.803E-06	3.740E-01	3.742E-01	3.753E-01	3.751E-01	1.845E-05	3.687E-06
55.0	1.980E-05	6.895E-06	4.138E-06	4.138E-06	2.837E-01	2.839E-01	2.850E-01	2.855E-01	1.775E-05	2.802E-06
65.0	1.275E-05	4.441E-06	2.666E-06	2.666E-06	2.259E-01	2.260E-01	2.270E-01	2.276E-01	1.716E-05	2.233E-06
75.0	8.550E-06	2.977E-06	1.787E-06	1.787E-06	1.856E-01	1.857E-01	1.866E-01	1.872E-01	1.664E-05	1.836E-06

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.896E+04	2.746E+04	1.622E+04	1.622E+04	0.000E+00	1.623E+04	1.623E+04	1.623E+04	6.134E+01
2.5	6.366E+04	2.217E+04	1.309E+04	1.309E+04	0.000E+00	1.311E+04	1.311E+04	1.311E+04	6.124E+01
3.5	6.868E+04	2.394E+04	1.413E+04	1.413E+04	0.000E+00	1.416E+04	1.416E+04	1.416E+04	5.913E+01
4.5	8.009E+04	2.793E+04	1.649E+04	1.649E+04	0.000E+00	1.652E+04	1.652E+04	1.652E+04	4.918E+01
7.5	2.378E+04	8.290E+03	4.894E+03	4.894E+03	0.000E+00	4.901E+03	4.901E+03	4.901E+03	3.176E+01
15.0	3.963E+03	1.381E+03	8.151E+02	8.151E+02	0.000E+00	8.166E+02	8.166E+02	8.166E+02	4.219E+01
25.0	1.296E+03	4.512E+02	2.664E+02	2.664E+02	0.000E+00	2.671E+02	2.671E+02	2.671E+02	4.191E+01
35.0	6.108E+02	2.127E+02	1.256E+02	1.256E+02	0.000E+00	1.260E+02	1.260E+02	1.260E+02	4.006E+01
45.0	3.393E+02	1.181E+02	6.975E+01	6.975E+01	0.000E+00	7.005E+01	7.005E+01	7.005E+01	3.842E+01
55.0	2.064E+02	7.185E+01	4.243E+01	4.243E+01	0.000E+00	4.265E+01	4.265E+01	4.265E+01	3.697E+01
65.0	1.330E+02	4.628E+01	2.733E+01	2.733E+01	0.000E+00	2.751E+01	2.751E+01	2.751E+01	3.575E+01
75.0	8.912E+01	3.102E+01	1.832E+01	1.832E+01	0.000E+00	1.847E+01	1.847E+01	1.847E+01	3.466E+01

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	7.576E-05	2.635E-05	1.582E-05	1.590E-05
2.5	6.107E-05	2.127E-05	1.277E-05	1.285E-05
3.5	6.589E-05	2.297E-05	1.378E-05	1.387E-05
4.5	7.683E-05	2.680E-05	1.608E-05	1.615E-05
7.5	2.281E-05	7.955E-06	4.773E-06	4.819E-06
15.0	3.802E-06	1.325E-06	7.950E-07	8.558E-07
25.0	1.243E-06	4.330E-07	2.598E-07	3.202E-07
35.0	5.860E-07	2.041E-07	1.225E-07	1.802E-07
45.0	3.255E-07	1.134E-07	6.803E-08	1.234E-07
55.0	1.980E-07	6.895E-08	4.138E-08	9.463E-08
65.0	1.275E-07	4.441E-08	2.666E-08	7.815E-08
75.0	8.550E-08	2.977E-08	1.787E-08	6.778E-08

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.465E-03	1.421E-02	2.007E-03	5.010E-04	3.115E-04	3.326E-04	3.641E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.459E-03	4.572E-04	1.370E-03	7.768E-04	1.727E-03	4.097E-03	1.531E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.141E-03	9.846E-04	1.509E-02	6.777E-02	4.528E-03	1.514E-02	2.161E-02
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.601E-02	1.438E-02	6.176E-04	1.370E-03	3.443E-03	5.003E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.361E-02	1.100E-02	6.079E-02	3.321E-01	1.265E-02	2.150E-03	2.059E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.209E-02	1.305E-02	2.197E-02	6.049E-02	2.276E-02	1.255E-02	8.709E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.783E-02	2.644E-01	8.568E-03	1.024E-02	2.724E-03	2.176E-03	4.316E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.844E-03	1.927E-02	2.973E-01	1.281E-02	1.053E-03	2.968E-03	1.372E-03	1.487E-03
S	0.000E+00	1.856E-02	0.000E+00	0.000E+00	2.238E-02	0.000E+00	1.465E-03	6.149E-04	1.058E-03	7.495E-05	4.408E-04	8.470E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.213E-03	1.791E-03	0.000E+00	6.529E-05	3.650E-05	2.973E-04	1.814E-04	3.251E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.460E-04	2.077E-04	1.670E-04	1.362E-04	2.846E-04
WSW	0.000E+00	0.000E+00	2.493E-02	0.000E+00	0.000E+00	3.487E-03	1.216E-03	7.678E-04	1.336E-04	6.508E-04	1.351E-04	1.141E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.112E-04	6.657E-04	0.000E+00	6.901E-04	4.096E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.410E-02	3.020E-03	3.310E-04	1.575E-04	7.974E-04	1.563E-03	1.049E-03	4.125E-04
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.210E-02	1.112E-03	0.000E+00	9.263E-04	1.187E-03	1.029E-03	1.153E-03	1.164E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.585E-03	0.000E+00	5.365E-03	1.687E-02	1.694E-01	3.136E-03	5.546E-03	9.606E-04

TOTAL DOSE COMMITMENT IS 1.815E+00 PERSON-REM/YR

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.957E-02	5.765E-02	8.495E-03	2.248E-03	1.499E-03	1.728E-03	2.045E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.757E-03	1.867E-03	5.899E-03	3.602E-03	8.707E-03	2.248E-02	9.097E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.478E-03	3.985E-03	6.317E-02	2.961E-01	2.076E-02	7.310E-02	1.099E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.417E-02	5.878E-02	2.591E-03	5.941E-03	1.552E-02	2.356E-02
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.367E-02	4.370E-02	2.441E-01	1.354E+00	5.258E-02	9.154E-03	9.030E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.696E-02	5.157E-02	8.724E-02	2.417E-01	9.164E-02	5.104E-02	3.583E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.020E-02	1.045E+00	3.399E-02	4.082E-02	1.093E-02	8.787E-03	1.757E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.298E-02	7.623E-02	1.189E+00	5.198E-02	4.353E-03	1.256E-02	5.974E-03	6.691E-03
S	0.000E+00	7.277E-02	0.000E+00	0.000E+00	8.816E-02	0.000E+00	6.002E-03	2.622E-03	4.753E-03	3.582E-04	2.254E-03	4.634E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.270E-02	7.224E-03	0.000E+00	2.997E-04	1.831E-04	1.631E-03	1.079E-03	2.071E-03
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.508E-03	1.024E-03	8.819E-04	7.680E-04	1.704E-03
WSW	0.000E+00	0.000E+00	9.799E-02	0.000E+00	0.000E+00	1.386E-02	4.890E-03	3.129E-03	5.531E-04	2.742E-03	5.810E-04	5.021E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.409E-04	2.670E-03	0.000E+00	2.825E-03	1.699E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.473E-02	1.190E-02	1.312E-03	6.299E-04	3.232E-03	6.445E-03	4.421E-03	1.787E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.262E-01	4.381E-03	0.000E+00	3.701E-03	4.795E-03	4.215E-03	4.810E-03	4.967E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.409E-02	0.000E+00	2.143E-02	6.862E-02	7.055E-01	1.346E-02	2.467E-02	4.456E-03

TOTAL DOSE COMMITMENT IS 7.395E+00 PERSON-REM/YR

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS AVG.LUNG

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.145E-02	9.572E-02	1.294E-02	3.022E-03	1.713E-03	1.621E-03	1.524E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.693E-02	3.061E-03	8.669E-03	4.497E-03	8.855E-03	1.802E-02	5.587E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-02	6.648E-03	9.848E-02	4.220E-01	2.659E-02	8.293E-02	1.091E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.092E-01	9.618E-02	4.020E-03	8.604E-03	2.065E-02	2.836E-02
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.415E-02	7.559E-02	4.135E-01	2.227E+00	8.320E-02	1.378E-02	1.276E-02
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.531E-01	9.010E-02	1.510E-01	4.134E-01	1.544E-01	8.437E-02	5.784E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.235E-01	1.826E+00	5.894E-02	7.011E-02	1.855E-02	1.472E-02	2.896E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.053E-02	1.329E-01	2.030E+00	8.624E-02	6.954E-03	1.913E-02	8.573E-03	8.939E-03
S	0.000E+00	1.290E-01	0.000E+00	0.000E+00	1.550E-01	0.000E+00	9.768E-03	3.934E-03	6.377E-03	4.165E-04	2.208E-03	3.745E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.220E-02	1.214E-02	0.000E+00	3.831E-04	1.886E-04	1.308E-03	6.607E-04	9.594E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.199E-03	1.103E-03	7.902E-04	5.647E-04	1.018E-03
WSW	0.000E+00	0.000E+00	1.731E-01	0.000E+00	0.000E+00	2.394E-02	8.255E-03	5.147E-03	8.820E-04	4.217E-03	8.561E-04	7.040E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.448E-03	4.534E-03	0.000E+00	4.608E-03	2.698E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.674E-01	2.093E-02	2.281E-03	1.075E-03	5.377E-03	1.036E-02	6.795E-03	2.593E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.230E-01	7.706E-03	0.000E+00	6.334E-03	8.031E-03	6.863E-03	7.551E-03	7.442E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.490E-02	0.000E+00	3.669E-02	1.134E-01	1.111E+00	1.992E-02	3.381E-02	5.556E-03

TOTAL DOSE COMMITMENT IS 1.217E+01 PERSON-REM/YR

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.281E-02	2.626E-01	5.744E-02	1.948E-02	1.510E-02	1.898E-02	2.337E-02
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.527E-02	9.404E-03	4.607E-02	3.644E-02	1.007E-01	2.755E-01	1.126E-01
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.821E-02	1.550E-02	3.436E-01	1.974E+00	1.561E-01	5.893E-01	9.189E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.718E-01	2.083E-01	1.132E-02	3.043E-02	8.990E-02	1.496E-01
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.877E-02	7.460E-02	5.340E-01	3.655E+00	1.704E-01	3.477E-02	3.927E-02
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.029E-02	6.049E-02	1.179E-01	3.764E-01	1.639E-01	1.045E-01	8.354E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.672E-02	1.205E+00	4.296E-02	5.692E-02	1.684E-02	1.495E-02	3.291E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.612E-02	1.486E-01	2.947E+00	1.571E-01	1.547E-02	5.134E-02	2.754E-02	3.416E-02
S	0.000E+00	4.027E-02	0.000E+00	0.000E+00	1.805E-01	0.000E+00	3.123E-02	1.774E-02	3.868E-02	3.307E-03	2.248E-02	4.784E-02
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.805E-02	4.011E-02	0.000E+00	3.603E-03	2.505E-03	2.330E-02	1.525E-02	2.804E-02
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.141E-02	1.348E-02	1.168E-02	9.948E-03	2.122E-02
WSW	0.000E+00	0.000E+00	1.439E-01	0.000E+00	0.000E+00	4.933E-02	1.733E-02	1.139E-02	2.111E-03	1.105E-02	2.477E-03	2.261E-03
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.417E-03	5.057E-03	0.000E+00	6.802E-03	4.591E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.239E-02	1.430E-02	2.150E-03	1.326E-03	8.415E-03	2.022E-02	1.638E-02	7.657E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.047E-01	5.588E-03	0.000E+00	7.317E-03	1.133E-02	1.172E-02	1.555E-02	1.849E-02
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.729E-02	0.000E+00	5.843E-02	2.455E-01	3.075E+00	6.859E-02	1.425E-01	2.851E-02

TOTAL DOSE COMMITMENT IS 2.104E+01 PERSON-REM/YR

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS GROUND

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.379E-03	4.457E-03	6.093E-04	1.445E-04	8.370E-05	8.153E-05	7.974E-05
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.831E-04	1.428E-04	4.102E-04	2.174E-04	4.409E-04	9.329E-04	3.048E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.819E-04	3.091E-04	4.616E-03	1.999E-02	1.275E-03	4.038E-03	5.410E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.059E-03	4.477E-03	1.882E-04	4.058E-04	9.834E-04	1.366E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.343E-03	3.493E-03	1.916E-02	1.035E-01	3.882E-03	6.461E-04	6.026E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.055E-03	4.157E-03	6.974E-03	1.912E-02	7.149E-03	3.914E-03	2.690E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.694E-03	8.424E-02	2.722E-03	3.240E-03	8.583E-04	6.817E-04	1.344E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.870E-03	6.143E-03	9.404E-02	4.007E-03	3.244E-04	8.968E-04	4.044E-04	4.249E-04
S	0.000E+00	5.942E-03	0.000E+00	0.000E+00	7.157E-03	0.000E+00	4.561E-04	1.855E-04	3.048E-04	2.027E-05	1.101E-04	1.926E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.027E-03	5.657E-04	0.000E+00	1.854E-05	9.423E-06	6.812E-05	3.630E-05	5.631E-05
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.549E-04	5.467E-05	4.026E-05	2.976E-05	5.588E-05
WSW	0.000E+00	0.000E+00	7.990E-03	0.000E+00	0.000E+00	1.109E-03	3.832E-04	2.395E-04	4.116E-05	1.975E-04	4.025E-05	3.327E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-05	2.099E-04	0.000E+00	2.142E-04	1.257E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.725E-03	9.659E-04	1.054E-04	4.979E-05	2.497E-04	4.828E-04	3.181E-04	1.221E-04
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.029E-02	3.557E-04	0.000E+00	2.931E-04	3.725E-04	3.193E-04	3.526E-04	3.491E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.148E-03	0.000E+00	1.700E-03	5.274E-03	5.196E-02	9.378E-04	1.605E-03	2.667E-04

TOTAL DOSE COMMITMENT IS 5.658E-01 PERSON-REM/YR

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS CLOUD

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.321E-04	2.310E-03	5.070E-04	1.721E-04	1.334E-04	1.677E-04	2.065E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.200E-04	8.274E-05	4.065E-04	3.218E-04	8.898E-04	2.434E-03	9.949E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.575E-04	1.357E-04	3.021E-03	1.740E-02	1.378E-03	5.203E-03	8.116E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.497E-03	1.828E-03	9.959E-05	2.683E-04	7.932E-04	1.321E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.709E-04	6.424E-04	4.661E-03	3.209E-02	1.500E-03	3.065E-04	3.466E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.056E-04	5.037E-04	1.010E-03	3.271E-03	1.435E-03	9.181E-04	7.358E-04
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.964E-04	9.882E-03	3.628E-04	4.890E-04	1.461E-04	1.306E-04	2.886E-04
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.835E-04	1.254E-03	2.554E-02	1.375E-03	1.360E-04	4.524E-04	2.430E-04	3.016E-04
S	0.000E+00	2.086E-04	0.000E+00	0.000E+00	1.491E-03	0.000E+00	2.743E-04	1.564E-04	3.415E-04	2.921E-05	1.986E-04	4.227E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.205E-04	3.509E-04	0.000E+00	3.181E-05	2.213E-05	2.059E-04	1.347E-04	2.478E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.771E-04	1.191E-04	1.031E-04	8.789E-05	1.875E-04
WSW	0.000E+00	0.000E+00	9.926E-04	0.000E+00	0.000E+00	4.227E-04	1.502E-04	9.954E-05	1.853E-05	9.729E-05	2.184E-05	1.995E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.222E-05	4.411E-05	0.000E+00	5.988E-05	4.049E-05
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.267E-04	1.135E-04	1.833E-05	1.155E-05	7.393E-05	1.782E-04	1.445E-04	6.762E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.952E-04	4.488E-05	0.000E+00	6.376E-05	9.951E-05	1.033E-04	1.372E-04	1.633E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.176E-04	0.000E+00	5.087E-04	2.157E-03	2.711E-02	6.054E-04	1.259E-03	2.519E-04

TOTAL DOSE COMMITMENT IS 1.821E-01 PERSON-REM/YR

1REGION: E Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS VEG. ING

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
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1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS VEG. ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
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1REGION: Burdock
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PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MEAT ING

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
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1REGION: I Burdock
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08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MEAT ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
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1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MILK ING

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MILK ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
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1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 1--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.815E+00	7.395E+00	1.217E+01	5.410E-01	3.086E-01	2.104E+01
GROUND	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01
CLOUD	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.563E+00	8.143E+00	1.292E+01	1.289E+00	1.057E+00	2.179E+01

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01
TOTALS	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.815E+00	7.395E+00	1.217E+01	5.410E-01	3.086E-01	2.104E+01
GROUND	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01
CLOUD	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01
TOTALS	1.060E+01	1.178E+02	1.475E+01	9.328E+00	9.095E+00	7.295E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
1	CPP N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	2	3.598E-03	1.251E-03	7.510E-04	1.248E-04	3.381E+03	1.176E+03	7.049E+02	7.049E+02
1	CPP N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.598E-03	1.251E-03	7.510E-04	1.248E-04	3.381E+03	1.176E+03	7.049E+02	7.049E+02
2	CPP NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	2	2.485E-03	8.643E-04	5.188E-04	8.623E-05	2.335E+03	8.121E+02	4.870E+02	4.870E+02
2	CPP NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			2.485E-03	8.643E-04	5.188E-04	8.623E-05	2.335E+03	8.121E+02	4.870E+02	4.870E+02
3	CPP NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	2	6.488E-03	2.254E-03	1.353E-03	2.249E-04	6.096E+03	2.118E+03	1.270E+03	1.270E+03
3	CPP NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.488E-03	2.254E-03	1.353E-03	2.249E-04	6.096E+03	2.118E+03	1.270E+03	1.270E+03
4	CPP ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	2	2.934E-03	1.020E-03	6.123E-04	1.018E-04	2.757E+03	9.585E+02	5.748E+02	5.748E+02
4	CPP ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			2.934E-03	1.020E-03	6.123E-04	1.018E-04	2.757E+03	9.585E+02	5.748E+02	5.748E+02
5	CPP E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	2	4.175E-03	1.451E-03	8.709E-04	1.447E-04	3.923E+03	1.363E+03	8.174E+02	8.174E+02
5	CPP E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.175E-03	1.451E-03	8.709E-04	1.447E-04	3.923E+03	1.363E+03	8.174E+02	8.174E+02
6	CPP ESE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	CPP ESE	2	4.177E-03	1.452E-03	8.717E-04	1.448E-04	3.925E+03	1.364E+03	8.182E+02	8.182E+02
6	CPP ESE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	CPP ESE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.177E-03	1.452E-03	8.717E-04	1.448E-04	3.925E+03	1.364E+03	8.182E+02	8.182E+02
7	CPP SSE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	CPP SSE	2	7.375E-03	2.564E-03	1.540E-03	2.558E-04	6.930E+03	2.409E+03	1.446E+03	1.446E+03
7	CPP SSE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	CPP SSE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			7.375E-03	2.564E-03	1.540E-03	2.558E-04	6.930E+03	2.409E+03	1.446E+03	1.446E+03
8	CPP SE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	CPP SE	2	4.915E-03	1.709E-03	1.026E-03	1.704E-04	4.618E+03	1.605E+03	9.630E+02	9.630E+02
8	CPP SE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	CPP SE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.915E-03	1.709E-03	1.026E-03	1.704E-04	4.618E+03	1.605E+03	9.630E+02	9.630E+02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS									
AIRBORNE CONCENTRATIONS, PCI/M3									
GROUND CONCENTRATIONS, PCI/M2									
NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Pb-210
9	CPP S	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	2	1.633E-02	5.676E-03	3.412E-03	5.663E-04	1.535E+04	5.333E+03	3.203E+03
9	CPP S	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			1.633E-02	5.676E-03	3.412E-03	5.663E-04	1.535E+04	5.333E+03	3.203E+03
10	CPP SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	2	4.991E-03	1.736E-03	1.043E-03	1.732E-04	4.690E+03	1.631E+03	9.790E+02
10	CPP SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.991E-03	1.736E-03	1.043E-03	1.732E-04	4.690E+03	1.631E+03	9.790E+02
11	CPP SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	2	3.546E-03	1.234E-03	7.413E-04	1.232E-04	3.332E+03	1.160E+03	6.959E+02
11	CPP SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.546E-03	1.234E-03	7.413E-04	1.232E-04	3.332E+03	1.160E+03	6.959E+02
12	CPP WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	2	9.320E-03	3.241E-03	1.947E-03	3.233E-04	8.758E+03	3.045E+03	1.828E+03
12	CPP WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			9.320E-03	3.241E-03	1.947E-03	3.233E-04	8.758E+03	3.045E+03	1.828E+03
13	CPP W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	2	5.325E-03	1.854E-03	1.113E-03	1.850E-04	5.003E+03	1.742E+03	1.045E+03
13	CPP W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.325E-03	1.854E-03	1.113E-03	1.850E-04	5.003E+03	1.742E+03	1.045E+03
14	CPP WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	CPP WNW	2	6.027E-03	2.099E-03	1.260E-03	2.094E-04	5.664E+03	1.972E+03	1.183E+03
14	CPP WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	CPP WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.027E-03	2.099E-03	1.260E-03	2.094E-04	5.664E+03	1.972E+03	1.183E+03
15	CPP NW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	CPP NW	2	6.095E-03	2.124E-03	1.275E-03	2.119E-04	5.727E+03	1.996E+03	1.196E+03
15	CPP NW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	CPP NW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.095E-03	2.124E-03	1.275E-03	2.119E-04	5.727E+03	1.996E+03	1.196E+03
16	CPP NNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	CPP NNW	2	4.579E-03	1.593E-03	9.563E-04	1.590E-04	4.303E+03	1.497E+03	8.977E+02
16	CPP NNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	CPP NNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.579E-03	1.593E-03	9.563E-04	1.590E-04	4.303E+03	1.497E+03	8.977E+02

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS										
AIRBORNE CONCENTRATIONS, PCI/M3										
NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
17	SF N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	2	4.344E-03	1.515E-03	9.093E-04	1.512E-04	4.081E+03	1.424E+03	8.535E+02	8.535E+02
17	SF N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.344E-03	1.515E-03	9.093E-04	1.512E-04	4.081E+03	1.424E+03	8.535E+02	8.535E+02
18	SF NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	2	4.870E-03	1.699E-03	1.020E-03	1.695E-04	4.576E+03	1.596E+03	9.570E+02	9.570E+02
18	SF NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.870E-03	1.699E-03	1.020E-03	1.695E-04	4.576E+03	1.596E+03	9.570E+02	9.570E+02
19	SF NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	2	4.651E-03	1.622E-03	9.734E-04	1.618E-04	4.370E+03	1.524E+03	9.137E+02	9.137E+02
19	SF NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.651E-03	1.622E-03	9.734E-04	1.618E-04	4.370E+03	1.524E+03	9.137E+02	9.137E+02
20	SF ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	2	3.961E-03	1.381E-03	8.288E-04	1.378E-04	3.722E+03	1.298E+03	7.779E+02	7.779E+02
20	SF ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.961E-03	1.381E-03	8.288E-04	1.378E-04	3.722E+03	1.298E+03	7.779E+02	7.779E+02
21	SF E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	2	5.309E-03	1.851E-03	1.111E-03	1.847E-04	4.989E+03	1.739E+03	1.043E+03	1.043E+03
21	SF E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.309E-03	1.851E-03	1.111E-03	1.847E-04	4.989E+03	1.739E+03	1.043E+03	1.043E+03
22	SF SSE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
22	SF SSE	2	4.467E-03	1.557E-03	9.347E-04	1.554E-04	4.198E+03	1.463E+03	8.774E+02	8.774E+02
22	SF SSE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
22	SF SSE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.467E-03	1.557E-03	9.347E-04	1.554E-04	4.198E+03	1.463E+03	8.774E+02	8.774E+02
23	SF SE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	SF SE	2	6.510E-03	2.269E-03	1.362E-03	2.264E-04	6.117E+03	2.132E+03	1.278E+03	1.278E+03
23	SF SE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	SF SE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.510E-03	2.269E-03	1.362E-03	2.264E-04	6.117E+03	2.132E+03	1.278E+03	1.278E+03
24	SF S	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	SF S	2	2.502E-03	8.724E-04	5.236E-04	8.703E-05	2.351E+03	8.197E+02	4.914E+02	4.914E+02
24	SF S	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	SF S	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			2.502E-03	8.724E-04	5.236E-04	8.703E-05	2.351E+03	8.197E+02	4.914E+02	4.914E+02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS										
AIRBORNE CONCENTRATIONS, PCI/M3						GROUND CONCENTRATIONS, PCI/M2				
NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
25	SF SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	2	3.258E-03	1.136E-03	6.817E-04	1.133E-04	3.061E+03	1.067E+03	6.399E+02	6.399E+02
25	SF SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.258E-03	1.136E-03	6.817E-04	1.133E-04	3.061E+03	1.067E+03	6.399E+02	6.399E+02
26	SF SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	2	5.429E-03	1.894E-03	1.137E-03	1.890E-04	5.102E+03	1.780E+03	1.067E+03	1.067E+03
26	SF SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.429E-03	1.894E-03	1.137E-03	1.890E-04	5.102E+03	1.780E+03	1.067E+03	1.067E+03
27	SF WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	2	6.451E-03	2.251E-03	1.351E-03	2.246E-04	6.062E+03	2.115E+03	1.268E+03	1.268E+03
27	SF WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.451E-03	2.251E-03	1.351E-03	2.246E-04	6.062E+03	2.115E+03	1.268E+03	1.268E+03
28	SF W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	2	1.066E-02	3.719E-03	2.231E-03	3.710E-04	1.001E+04	3.494E+03	2.094E+03	2.094E+03
28	SF W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			1.066E-02	3.719E-03	2.231E-03	3.710E-04	1.001E+04	3.494E+03	2.094E+03	2.094E+03
29	SF WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	2	3.903E-02	1.362E-02	8.173E-03	1.359E-03	3.667E+04	1.280E+04	7.672E+03	7.672E+03
29	SF WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.903E-02	1.362E-02	8.173E-03	1.359E-03	3.667E+04	1.280E+04	7.672E+03	7.672E+03
30	SF NW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
30	SF NW	2	4.013E-02	1.400E-02	8.403E-03	1.397E-03	3.770E+04	1.316E+04	7.887E+03	7.887E+03
30	SF NW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
30	SF NW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.013E-02	1.400E-02	8.403E-03	1.397E-03	3.770E+04	1.316E+04	7.887E+03	7.887E+03
31	SF NNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
31	SF NNW	2	3.917E-02	1.367E-02	8.202E-03	1.364E-03	3.680E+04	1.284E+04	7.699E+03	7.699E+03
31	SF NNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
31	SF NNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.917E-02	1.367E-02	8.202E-03	1.364E-03	3.680E+04	1.284E+04	7.699E+03	7.699E+03
32	SF ESE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
32	SF ESE	2	6.571E-03	2.291E-03	1.375E-03	2.286E-04	6.174E+03	2.153E+03	1.291E+03	1.291E+03
32	SF ESE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
32	SF ESE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.571E-03	2.291E-03	1.375E-03	2.286E-04	6.174E+03	2.153E+03	1.291E+03	1.291E+03

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
33	Daniels Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	2	5.421E-03	1.883E-03	1.131E-03	1.879E-04	5.093E+03	1.770E+03	1.061E+03	1.061E+03
33	Daniels Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.421E-03	1.883E-03	1.131E-03	1.879E-04	5.093E+03	1.770E+03	1.061E+03	1.061E+03
34	Spencer Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	2	6.126E-03	2.133E-03	1.280E-03	2.128E-04	5.756E+03	2.004E+03	1.202E+03	1.202E+03
34	Spencer Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.126E-03	2.133E-03	1.280E-03	2.128E-04	5.756E+03	2.004E+03	1.202E+03	1.202E+03
35	BC Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	2	4.235E-03	1.478E-03	8.866E-04	1.474E-04	3.980E+03	1.388E+03	8.322E+02	8.322E+02
35	BC Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.235E-03	1.478E-03	8.866E-04	1.474E-04	3.980E+03	1.388E+03	8.322E+02	8.322E+02
36	Puttman Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	2	1.675E-03	5.840E-04	3.505E-04	5.826E-05	1.574E+03	5.488E+02	3.290E+02	3.290E+02
36	Puttman Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			1.675E-03	5.840E-04	3.505E-04	5.826E-05	1.574E+03	5.488E+02	3.290E+02	3.290E+02
37	Englebert Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	2	3.672E-03	1.277E-03	7.672E-04	1.274E-04	3.450E+03	1.200E+03	7.201E+02	7.201E+02
37	Englebert Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.672E-03	1.277E-03	7.672E-04	1.274E-04	3.450E+03	1.200E+03	7.201E+02	7.201E+02
38	Burdock School	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
38	Burdock School	2	3.359E-03	1.170E-03	7.023E-04	1.167E-04	3.156E+03	1.099E+03	6.593E+02	6.593E+02
38	Burdock School	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
38	Burdock School	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.359E-03	1.170E-03	7.023E-04	1.167E-04	3.156E+03	1.099E+03	6.593E+02	6.593E+02
39	Heck Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
39	Heck Ranch	2	2.292E-03	7.971E-04	4.788E-04	7.952E-05	2.153E+03	7.490E+02	4.494E+02	4.494E+02
39	Heck Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
39	Heck Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			2.292E-03	7.971E-04	4.788E-04	7.952E-05	2.153E+03	7.490E+02	4.494E+02	4.494E+02
40	Edgemont	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
40	Edgemont	2	5.689E-04	1.979E-04	1.188E-04	1.975E-05	5.345E+02	1.860E+02	1.116E+02	1.116E+02
40	Edgemont	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
40	Edgemont	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.689E-04	1.979E-04	1.188E-04	1.975E-05	5.345E+02	1.860E+02	1.116E+02	1.116E+02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
41	Background	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	2	1.215E-03	4.234E-04	2.541E-04	4.224E-05	1.141E+03	3.979E+02	2.386E+02	2.386E+02
41	Background	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			1.215E-03	4.234E-04	2.541E-04	4.224E-05	1.141E+03	3.979E+02	2.386E+02	2.386E+02

1REGION: Burdock
METSET:

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TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NO.	INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS								GROUND CONCENTRATIONS, PCI/M2			
	AIRBORNE CONCENTRATIONS, PCI/M3								Po-218	Pb-214	Bi-214	Pb-210
	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL				
1	1.279E+01	1.277E+01	1.037E+01	8.044E+00	2.128E-05	6.198E-08	5.088E-12	9.570E-05	1.011E+01	1.011E+01	1.011E+01	9.022E+00
2	1.050E+01	1.050E+01	8.838E+00	7.092E+00	2.235E-05	8.076E-08	8.457E-12	8.207E-05	8.313E+00	8.313E+00	8.313E+00	9.475E+00
3	1.774E+01	1.761E+01	1.199E+01	7.841E+00	2.317E-05	9.676E-08	1.183E-11	1.082E-04	1.395E+01	1.395E+01	1.395E+01	9.823E+00
4	1.171E+01	1.168E+01	8.757E+00	6.270E+00	2.417E-05	1.309E-07	2.061E-11	7.982E-05	9.249E+00	9.249E+00	9.249E+00	1.025E+01
5	1.985E+01	1.935E+01	1.089E+01	6.586E+00	2.617E-05	1.551E-07	2.627E-11	9.971E-05	1.532E+01	1.532E+01	1.532E+01	1.110E+01
6	4.158E+01	3.988E+01	1.970E+01	1.020E+01	3.339E-05	2.030E-07	3.667E-11	1.790E-04	3.159E+01	3.159E+01	3.159E+01	1.416E+01
7	3.771E+01	3.759E+01	2.757E+01	1.876E+01	5.589E-05	2.778E-07	4.444E-11	2.485E-04	2.977E+01	2.977E+01	2.977E+01	2.370E+01
8	4.922E+01	4.840E+01	2.912E+01	1.671E+01	4.677E-05	2.554E-07	4.434E-11	2.598E-04	3.833E+01	3.833E+01	3.833E+01	1.983E+01
9	2.796E+01	2.791E+01	2.282E+01	1.763E+01	6.335E-05	3.136E-07	4.731E-11	2.102E-04	2.211E+01	2.211E+01	2.211E+01	2.686E+01
10	2.010E+01	2.010E+01	1.782E+01	1.522E+01	6.789E-05	3.418E-07	4.817E-11	1.678E-04	1.592E+01	1.592E+01	1.592E+01	2.878E+01
11	1.911E+01	1.910E+01	1.692E+01	1.456E+01	5.958E-05	2.574E-07	3.032E-11	1.598E-04	1.512E+01	1.512E+01	1.512E+01	2.526E+01
12	2.142E+01	2.108E+01	1.519E+01	1.133E+01	3.562E-05	1.268E-07	1.251E-11	1.409E-04	1.670E+01	1.670E+01	1.670E+01	1.510E+01
13	2.352E+01	2.332E+01	1.816E+01	1.401E+01	3.733E-05	1.071E-07	8.437E-12	1.683E-04	1.847E+01	1.847E+01	1.847E+01	1.583E+01
14	2.475E+01	2.450E+01	1.815E+01	1.313E+01	2.860E-05	6.902E-08	4.668E-12	1.662E-04	1.940E+01	1.940E+01	1.940E+01	1.213E+01
15	2.841E+01	2.761E+01	1.656E+01	9.609E+00	1.570E-05	3.589E-08	2.695E-12	1.482E-04	2.187E+01	2.187E+01	2.187E+01	6.657E+00
16	1.584E+01	1.569E+01	1.174E+01	8.515E+00	1.899E-05	4.766E-08	3.404E-12	1.074E-04	1.242E+01	1.242E+01	1.242E+01	8.049E+00
17	2.109E+01	2.067E+01	1.003E+01	4.668E+00	1.171E-05	6.336E-08	1.046E-11	8.957E-05	1.637E+01	1.637E+01	1.637E+01	4.965E+00
18	2.017E+01	1.982E+01	9.654E+00	4.445E+00	1.134E-05	6.001E-08	9.505E-12	8.594E-05	1.570E+01	1.570E+01	1.570E+01	4.806E+00
19	2.118E+01	2.077E+01	1.010E+01	4.720E+00	1.179E-05	5.779E-08	8.489E-12	9.022E-05	1.645E+01	1.645E+01	1.645E+01	4.998E+00
20	1.810E+01	1.780E+01	9.266E+00	4.881E+00	1.271E-05	5.396E-08	6.846E-12	8.352E-05	1.410E+01	1.410E+01	1.410E+01	5.387E+00
21	2.620E+01	2.490E+01	1.223E+01	6.224E+00	1.259E-05	4.187E-08	4.399E-12	1.109E-04	1.972E+01	1.972E+01	1.972E+01	5.339E+00
22	2.937E+01	2.932E+01	2.388E+01	1.818E+01	4.228E-05	1.075E-07	7.768E-12	2.191E-04	2.322E+01	2.322E+01	2.322E+01	1.793E+01
23	3.458E+01	3.415E+01	2.403E+01	1.595E+01	2.844E-05	6.041E-08	3.896E-12	2.165E-04	2.705E+01	2.705E+01	2.705E+01	1.206E+01
24	1.982E+01	1.982E+01	1.738E+01	1.437E+01	4.313E-05	1.393E-07	1.289E-11	1.621E-04	1.570E+01	1.570E+01	1.570E+01	1.828E+01
25	1.716E+01	1.715E+01	1.358E+01	9.642E+00	2.239E-05	7.637E-08	9.284E-12	1.225E-04	1.358E+01	1.358E+01	1.358E+01	9.493E+00
26	1.626E+01	1.615E+01	1.035E+01	6.095E+00	1.482E-05	6.873E-08	1.066E-11	9.184E-05	1.279E+01	1.279E+01	1.279E+01	6.285E+00
27	1.464E+01	1.409E+01	7.815E+00	4.407E+00	1.260E-05	6.663E-08	1.099E-11	7.058E-05	1.116E+01	1.116E+01	1.116E+01	5.343E+00
28	1.466E+01	1.362E+01	6.918E+00	3.894E+00	1.203E-05	6.672E-08	1.132E-11	6.363E-05	1.079E+01	1.079E+01	1.079E+01	5.100E+00
29	1.965E+01	1.597E+01	6.255E+00	3.248E+00	1.069E-05	5.957E-08	9.638E-12	6.028E-05	1.265E+01	1.265E+01	1.265E+01	4.532E+00
30	2.435E+01	1.782E+01	6.274E+00	3.144E+00	1.044E-05	5.810E-08	9.283E-12	6.189E-05	1.411E+01	1.411E+01	1.411E+01	4.425E+00
31	2.470E+01	2.198E+01	7.945E+00	3.565E+00	1.080E-05	6.063E-08	9.897E-12	7.622E-05	1.741E+01	1.741E+01	1.741E+01	4.580E+00
32	4.020E+01	3.868E+01	1.976E+01	9.736E+00	1.421E-05	3.506E-08	3.038E-12	1.763E-04	3.064E+01	3.064E+01	3.064E+01	6.023E+00
33	2.198E+01	2.153E+01	1.093E+01	6.370E+00	2.489E-05	1.377E-07	2.131E-11	1.013E-04	1.705E+01	1.705E+01	1.705E+01	1.055E+01
34	2.533E+01	2.501E+01	1.806E+01	1.272E+01	2.604E-05	5.987E-08	3.899E-12	1.648E-04	1.981E+01	1.981E+01	1.981E+01	1.104E+01
35	1.024E+01	1.000E+01	6.369E+00	4.098E+00	1.347E-05	7.748E-08	1.406E-11	5.788E-05	7.924E+00	7.924E+00	7.924E+00	5.711E+00
36	7.573E+00	7.573E+00	6.621E+00	5.521E+00	2.323E-05	1.340E-07	2.492E-11	6.196E-05	5.998E+00	5.998E+00	5.998E+00	9.847E+00
37	2.022E+01	2.022E+01	1.863E+01	1.664E+01	8.878E-05	5.541E-07	1.021E-10	1.773E-04	1.602E+01	1.602E+01	1.602E+01	3.764E+01
38	1.892E+01	1.890E+01	1.678E+01	1.448E+01	5.890E-05	2.511E-07	2.911E-11	1.586E-04	1.497E+01	1.497E+01	1.497E+01	2.497E+01
39	1.707E+01	1.708E+01	1.611E+01	1.499E+01	1.036E-04	7.856E-07	1.732E-10	1.552E-04	1.353E+01	1.353E+01	1.353E+01	4.393E+01
40	4.033E+00	4.035E+00	3.967E+00	3.873E+00	9.921E-05	2.362E-06	1.446E-09	3.872E-05	3.196E+00	3.196E+00	3.196E+00	4.206E+01
41	1.155E+01	1.155E+01	1.106E+01	1.042E+01	5.927E-05	3.173E-07	4.421E-11	1.069E-04	9.150E+00	9.150E+00	9.150E+00	2.513E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 1 NAME=CPP N

X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.01E+01	2.05E+01	1.58E+02	5.64E-01	6.24E-01	0.00E+00
INFANT	GROUND	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02
INFANT	CLOUD	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.02E+01	2.05E+01	1.58E+02	5.77E-01	6.37E-01	1.28E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.83E+00	1.77E+01	7.58E+01	2.36E-01	2.39E-01	0.00E+00
CHILD	GROUND	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02
CHILD	CLOUD	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07
CHILD	VEG. ING	7.96E-02	1.04E+00	6.35E-02	6.35E-02	2.51E-01	0.00E+00
CHILD	MEAT ING	7.84E-03	1.08E-01	1.06E-02	1.06E-02	2.32E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.93E+00	1.89E+01	7.59E+01	3.23E-01	5.27E-01	1.28E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.49E+00	1.88E+01	3.95E+01	1.12E-01	1.31E-01	0.00E+00
TEENAGE	GROUND	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02
TEENAGE	CLOUD	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07
TEENAGE	VEG. ING	1.32E-01	1.72E+00	1.05E-01	1.05E-01	4.16E-01	0.00E+00
TEENAGE	MEAT ING	1.27E-02	1.75E-01	1.72E-02	1.72E-02	3.77E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.64E+00	2.07E+01	3.96E+01	2.46E-01	5.98E-01	1.28E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.67E+00	1.82E+01	3.29E+01	9.37E-02	1.04E-01	0.00E+00
ADULT	GROUND	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02
ADULT	CLOUD	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07	4.01E-07
ADULT	VEG. ING	1.82E-01	2.37E+00	1.45E-01	1.45E-01	5.74E-01	0.00E+00
ADULT	MEAT ING	2.22E-02	3.06E-01	3.01E-02	3.01E-02	6.59E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.88E+00	2.09E+01	3.31E+01	2.81E-01	7.57E-01	1.28E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 1 NAME=CPP N

X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.11E+01	2.05E+01	1.58E+02	6.24E-01	6.47E-01	1.60E+01
INFANT	GROUND	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01
INFANT	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.13E+01	2.07E+01	1.58E+02	8.56E-01	8.79E-01	1.62E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.08E+01	1.77E+01	7.58E+01	2.63E-01	2.50E-01	1.60E+01
CHILD	GROUND	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01
CHILD	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
CHILD	VEG. ING	8.04E-02	1.05E+00	6.62E-02	6.62E-02	2.54E-01	0.00E+00
CHILD	MEAT ING	7.97E-03	1.09E-01	1.10E-02	1.10E-02	2.36E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+01	1.91E+01	7.61E+01	5.72E-01	7.59E-01	1.62E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.45E+00	1.88E+01	3.95E+01	1.23E-01	1.37E-01	1.60E+01
TEENAGE	GROUND	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01
TEENAGE	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
TEENAGE	VEG. ING	1.33E-01	1.73E+00	1.09E-01	1.09E-01	4.20E-01	0.00E+00
TEENAGE	MEAT ING	1.29E-02	1.77E-01	1.79E-02	1.79E-02	3.83E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.83E+00	2.10E+01	3.99E+01	4.82E-01	8.26E-01	1.62E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.63E+00	1.82E+01	3.29E+01	1.03E-01	1.09E-01	1.60E+01
ADULT	GROUND	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01
ADULT	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
ADULT	VEG. ING	1.84E-01	2.39E+00	1.51E-01	1.51E-01	5.79E-01	0.00E+00
ADULT	MEAT ING	2.26E-02	3.10E-01	3.13E-02	3.13E-02	6.69E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.07E+00	2.12E+01	3.33E+01	5.17E-01	9.87E-01	1.62E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 2 NAME=CPP NNE X= 1.3KM, Y= 2.8KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.39E+01	1.42E+01	1.09E+02	3.90E-01	4.31E-01	0.00E+00
INFANT	GROUND	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03
INFANT	CLOUD	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.39E+01	1.42E+01	1.09E+02	3.99E-01	4.40E-01	8.83E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.79E+00	1.22E+01	5.24E+01	1.63E-01	1.65E-01	0.00E+00
CHILD	GROUND	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03
CHILD	CLOUD	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07
CHILD	VEG. ING	5.50E-02	7.18E-01	4.39E-02	4.39E-02	1.74E-01	0.00E+00
CHILD	MEAT ING	5.42E-03	7.45E-02	7.33E-03	7.33E-03	1.60E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.86E+00	1.30E+01	5.24E+01	2.23E-01	3.64E-01	8.83E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.79E+00	1.30E+01	2.73E+01	7.71E-02	9.05E-02	0.00E+00
TEENAGE	GROUND	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03
TEENAGE	CLOUD	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07
TEENAGE	VEG. ING	9.10E-02	1.19E+00	7.24E-02	7.24E-02	2.87E-01	0.00E+00
TEENAGE	MEAT ING	8.79E-03	1.21E-01	1.19E-02	1.19E-02	2.60E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.90E+00	1.43E+01	2.74E+01	1.70E-01	4.13E-01	8.83E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.22E+00	1.26E+01	2.27E+01	6.47E-02	7.18E-02	0.00E+00
ADULT	GROUND	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03	8.83E-03
ADULT	CLOUD	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07	2.77E-07
ADULT	VEG. ING	1.26E-01	1.64E+00	9.99E-02	9.99E-02	3.97E-01	0.00E+00
ADULT	MEAT ING	1.54E-02	2.11E-01	2.08E-02	2.08E-02	4.55E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.37E+00	1.44E+01	2.28E+01	1.94E-01	5.23E-01	8.83E-03

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 2 NAME=CPP NNE X= 1.3KM, Y= 2.8KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.47E+01	1.42E+01	1.09E+02	4.52E-01	4.55E-01	1.31E+01
INFANT	GROUND	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02
INFANT	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.49E+01	1.43E+01	1.09E+02	6.30E-01	6.33E-01	1.33E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.58E+00	1.22E+01	5.24E+01	1.91E-01	1.77E-01	1.31E+01
CHILD	GROUND	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02
CHILD	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
CHILD	VEG. ING	5.58E-02	7.27E-01	4.67E-02	4.67E-02	1.76E-01	0.00E+00
CHILD	MEAT ING	5.55E-03	7.60E-02	7.78E-03	7.78E-03	1.64E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	7.82E+00	1.32E+01	5.26E+01	4.23E-01	5.47E-01	1.33E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.58E+00	1.30E+01	2.73E+01	8.90E-02	9.63E-02	1.31E+01
TEENAGE	GROUND	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02
TEENAGE	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
TEENAGE	VEG. ING	9.23E-02	1.20E+00	7.70E-02	7.70E-02	2.91E-01	0.00E+00
TEENAGE	MEAT ING	9.00E-03	1.23E-01	1.26E-02	1.26E-02	2.66E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.86E+00	1.45E+01	2.76E+01	3.56E-01	5.91E-01	1.33E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.01E+00	1.26E+01	2.27E+01	7.47E-02	7.66E-02	1.31E+01
ADULT	GROUND	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02	9.74E-02
ADULT	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
ADULT	VEG. ING	1.27E-01	1.66E+00	1.06E-01	1.06E-01	4.02E-01	0.00E+00
ADULT	MEAT ING	1.57E-02	2.16E-01	2.21E-02	2.21E-02	4.65E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.33E+00	1.47E+01	2.30E+01	3.81E-01	7.03E-01	1.33E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 3 NAME=CPP NE X= 1.3KM, Y= 1.2KM, Z= 0.0M, DIST= 1.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.63E+01	3.69E+01	2.85E+02	1.02E+00	1.12E+00	0.00E+00
INFANT	GROUND	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02
INFANT	CLOUD	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.64E+01	3.69E+01	2.85E+02	1.04E+00	1.15E+00	2.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.77E+01	3.19E+01	1.37E+02	4.26E-01	4.31E-01	0.00E+00
CHILD	GROUND	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02
CHILD	CLOUD	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07
CHILD	VEG. ING	1.44E-01	1.87E+00	1.14E-01	1.14E-01	4.53E-01	0.00E+00
CHILD	MEAT ING	1.41E-02	1.94E-01	1.91E-02	1.91E-02	4.19E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.79E+01	3.40E+01	1.37E+02	5.82E-01	9.50E-01	2.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.89E+00	3.38E+01	7.12E+01	2.01E-01	2.36E-01	0.00E+00
TEENAGE	GROUND	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02
TEENAGE	CLOUD	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07
TEENAGE	VEG. ING	2.37E-01	3.10E+00	1.89E-01	1.89E-01	7.50E-01	0.00E+00
TEENAGE	MEAT ING	2.29E-02	3.16E-01	3.10E-02	3.10E-02	6.79E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.02E+01	3.73E+01	7.15E+01	4.44E-01	1.08E+00	2.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.41E+00	3.28E+01	5.93E+01	1.69E-01	1.87E-01	0.00E+00
ADULT	GROUND	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02	2.30E-02
ADULT	CLOUD	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07	7.22E-07
ADULT	VEG. ING	3.28E-01	4.28E+00	2.61E-01	2.61E-01	1.04E+00	0.00E+00
ADULT	MEAT ING	4.01E-02	5.52E-01	5.42E-02	5.42E-02	1.19E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.80E+00	3.77E+01	5.96E+01	5.07E-01	1.36E+00	2.31E-02

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NUMBER 3 NAME=CPP NE

X= 1.3KM, Y= 1.2KM, Z= 0.0M, DIST= 1.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.77E+01	3.69E+01	2.85E+02	1.08E+00	1.15E+00	2.22E+01
INFANT	GROUND	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
INFANT	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.80E+01	3.73E+01	2.85E+02	1.43E+00	1.49E+00	2.25E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.91E+01	3.19E+01	1.37E+02	4.55E-01	4.43E-01	2.22E+01
CHILD	GROUND	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
CHILD	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
CHILD	VEG. ING	1.44E-01	1.88E+00	1.17E-01	1.17E-01	4.56E-01	0.00E+00
CHILD	MEAT ING	1.43E-02	1.96E-01	1.96E-02	1.96E-02	4.22E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.96E+01	3.43E+01	1.37E+02	9.36E-01	1.29E+00	2.25E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+01	3.39E+01	7.12E+01	2.13E-01	2.42E-01	2.22E+01
TEENAGE	GROUND	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
TEENAGE	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
TEENAGE	VEG. ING	2.39E-01	3.11E+00	1.94E-01	1.94E-01	7.54E-01	0.00E+00
TEENAGE	MEAT ING	2.32E-02	3.18E-01	3.18E-02	3.18E-02	6.86E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.18E+01	3.76E+01	7.18E+01	7.83E-01	1.41E+00	2.25E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.75E+00	3.28E+01	5.93E+01	1.79E-01	1.92E-01	2.22E+01
ADULT	GROUND	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
ADULT	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
ADULT	VEG. ING	3.30E-01	4.30E+00	2.67E-01	2.67E-01	1.04E+00	0.00E+00
ADULT	MEAT ING	4.05E-02	5.56E-01	5.56E-02	5.56E-02	1.20E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.05E+01	3.80E+01	5.99E+01	8.46E-01	1.70E+00	2.25E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 4 NAME=CPP ENE X= 2.9KM, Y= 1.1KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.64E+01	1.67E+01	1.29E+02	4.60E-01	5.09E-01	0.00E+00
INFANT	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
INFANT	CLOUD	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.64E+01	1.67E+01	1.29E+02	4.71E-01	5.19E-01	1.04E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.02E+00	1.44E+01	6.18E+01	1.93E-01	1.95E-01	0.00E+00
CHILD	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
CHILD	CLOUD	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07
CHILD	VEG. ING	6.49E-02	8.47E-01	5.18E-02	5.18E-02	2.05E-01	0.00E+00
CHILD	MEAT ING	6.39E-03	8.80E-02	8.65E-03	8.65E-03	1.89E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.10E+00	1.54E+01	6.19E+01	2.64E-01	4.30E-01	1.04E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.47E+00	1.53E+01	3.22E+01	9.10E-02	1.07E-01	0.00E+00
TEENAGE	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
TEENAGE	CLOUD	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07
TEENAGE	VEG. ING	1.07E-01	1.40E+00	8.54E-02	8.54E-02	3.39E-01	0.00E+00
TEENAGE	MEAT ING	1.04E-02	1.43E-01	1.40E-02	1.40E-02	3.07E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.60E+00	1.69E+01	3.23E+01	2.01E-01	4.87E-01	1.04E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.81E+00	1.49E+01	2.68E+01	7.64E-02	8.48E-02	0.00E+00
ADULT	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
ADULT	CLOUD	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07	3.27E-07
ADULT	VEG. ING	1.48E-01	1.93E+00	1.18E-01	1.18E-01	4.68E-01	0.00E+00
ADULT	MEAT ING	1.81E-02	2.50E-01	2.45E-02	2.45E-02	5.37E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.98E+00	1.71E+01	2.70E+01	2.29E-01	6.17E-01	1.04E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 4 NAME=CPP ENE X= 2.9KM, Y= 1.1KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.73E+01	1.67E+01	1.29E+02	5.28E-01	5.35E-01	1.46E+01
INFANT	GROUND	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
INFANT	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.75E+01	1.69E+01	1.29E+02	7.15E-01	7.22E-01	1.48E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.90E+00	1.44E+01	6.18E+01	2.23E-01	2.08E-01	1.46E+01
CHILD	GROUND	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
CHILD	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
CHILD	VEG. ING	6.58E-02	8.58E-01	5.48E-02	5.48E-02	2.08E-01	0.00E+00
CHILD	MEAT ING	6.54E-03	8.96E-02	9.14E-03	9.14E-03	1.93E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.16E+00	1.56E+01	6.21E+01	4.74E-01	6.21E-01	1.48E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.35E+00	1.53E+01	3.22E+01	1.04E-01	1.13E-01	1.46E+01
TEENAGE	GROUND	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
TEENAGE	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
TEENAGE	VEG. ING	1.09E-01	1.42E+00	9.04E-02	9.04E-02	3.43E-01	0.00E+00
TEENAGE	MEAT ING	1.06E-02	1.45E-01	1.48E-02	1.48E-02	3.14E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.66E+00	1.71E+01	3.25E+01	3.96E-01	6.75E-01	1.48E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.69E+00	1.49E+01	2.68E+01	8.71E-02	9.00E-02	1.46E+01
ADULT	GROUND	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
ADULT	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
ADULT	VEG. ING	1.50E-01	1.96E+00	1.25E-01	1.25E-01	4.74E-01	0.00E+00
ADULT	MEAT ING	1.85E-02	2.54E-01	2.59E-02	5.48E-02	5.48E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.04E+00	1.73E+01	2.71E+01	4.25E-01	8.06E-01	1.48E+01

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 5 NAME=CPP E X= 2.8KM, Y= -0.1KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.34E+01	2.38E+01	1.83E+02	6.54E-01	7.24E-01	0.00E+00
INFANT	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
INFANT	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.34E+01	2.38E+01	1.83E+02	6.69E-01	7.39E-01	1.48E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.14E+01	2.05E+01	8.80E+01	2.74E-01	2.78E-01	0.00E+00
CHILD	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
CHILD	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
CHILD	VEG. ING	9.24E-02	1.21E+00	7.36E-02	7.36E-02	2.92E-01	0.00E+00
CHILD	MEAT ING	9.10E-03	1.25E-01	1.23E-02	1.23E-02	2.69E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.15E+01	2.19E+01	8.81E+01	3.75E-01	6.11E-01	1.48E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.36E+00	2.18E+01	4.58E+01	1.29E-01	1.52E-01	0.00E+00
TEENAGE	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
TEENAGE	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
TEENAGE	VEG. ING	1.53E-01	1.99E+00	1.21E-01	1.21E-01	4.83E-01	0.00E+00
TEENAGE	MEAT ING	1.48E-02	2.03E-01	2.00E-02	2.00E-02	4.37E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.55E+00	2.40E+01	4.60E+01	2.86E-01	6.93E-01	1.48E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.41E+00	2.11E+01	3.81E+01	1.09E-01	1.21E-01	0.00E+00
ADULT	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
ADULT	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
ADULT	VEG. ING	2.11E-01	2.75E+00	1.68E-01	1.68E-01	6.66E-01	0.00E+00
ADULT	MEAT ING	2.58E-02	3.55E-01	3.49E-02	3.49E-02	7.64E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.67E+00	2.43E+01	3.84E+01	3.26E-01	8.78E-01	1.48E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 5 NAME=CPP E

X= 2.8KM, Y= -0.1KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.49E+01	2.38E+01	1.83E+02	7.28E-01	7.52E-01	2.48E+01
INFANT	GROUND	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
INFANT	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.51E+01	2.40E+01	1.83E+02	9.69E-01	9.94E-01	2.51E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.29E+01	2.05E+01	8.80E+01	3.07E-01	2.91E-01	2.48E+01
CHILD	GROUND	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
CHILD	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
CHILD	VEG. ING	9.33E-02	1.22E+00	7.69E-02	7.69E-02	2.94E-01	0.00E+00
CHILD	MEAT ING	9.25E-03	1.27E-01	1.28E-02	1.28E-02	2.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.32E+01	2.21E+01	8.83E+01	6.38E-01	8.55E-01	2.51E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.86E+00	2.18E+01	4.58E+01	1.43E-01	1.59E-01	2.48E+01
TEENAGE	GROUND	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
TEENAGE	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
TEENAGE	VEG. ING	1.54E-01	2.01E+00	1.27E-01	1.27E-01	4.87E-01	0.00E+00
TEENAGE	MEAT ING	1.50E-02	2.06E-01	2.08E-02	2.08E-02	4.44E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.27E+00	2.43E+01	4.62E+01	5.33E-01	9.32E-01	2.51E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.90E+00	2.11E+01	3.81E+01	1.20E-01	1.26E-01	2.48E+01
ADULT	GROUND	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
ADULT	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
ADULT	VEG. ING	2.13E-01	2.78E+00	1.75E-01	1.75E-01	6.73E-01	0.00E+00
ADULT	MEAT ING	2.62E-02	3.60E-01	3.64E-02	3.64E-02	7.76E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.39E+00	2.45E+01	3.86E+01	5.74E-01	1.12E+00	2.51E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NUMBER 6 NAME=CPP ESE X= 2.8KM, Y= -1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.34E+01	2.38E+01	1.83E+02	6.55E-01	7.24E-01	0.00E+00
INFANT	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
INFANT	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.34E+01	2.38E+01	1.83E+02	6.70E-01	7.39E-01	1.48E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.14E+01	2.05E+01	8.80E+01	2.74E-01	2.78E-01	0.00E+00
CHILD	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
CHILD	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
CHILD	VEG. ING	9.24E-02	1.21E+00	7.37E-02	7.37E-02	2.92E-01	0.00E+00
CHILD	MEAT ING	9.10E-03	1.25E-01	1.23E-02	1.23E-02	2.70E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.15E+01	2.19E+01	8.81E+01	3.75E-01	6.12E-01	1.48E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.37E+00	2.18E+01	4.59E+01	1.29E-01	1.52E-01	0.00E+00
TEENAGE	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
TEENAGE	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
TEENAGE	VEG. ING	1.53E-01	2.00E+00	1.22E-01	1.22E-01	4.83E-01	0.00E+00
TEENAGE	MEAT ING	1.48E-02	2.03E-01	2.00E-02	2.00E-02	4.37E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.55E+00	2.40E+01	4.60E+01	2.86E-01	6.94E-01	1.48E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.42E+00	2.11E+01	3.82E+01	1.09E-01	1.21E-01	0.00E+00
ADULT	GROUND	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02
ADULT	CLOUD	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07	4.65E-07
ADULT	VEG. ING	2.11E-01	2.75E+00	1.68E-01	1.68E-01	6.67E-01	0.00E+00
ADULT	MEAT ING	2.58E-02	3.55E-01	3.49E-02	3.49E-02	7.65E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.67E+00	2.43E+01	3.84E+01	3.26E-01	8.79E-01	1.48E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 6 NAME=CPP ESE

X= 2.8KM, Y= -1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.65E+01	2.38E+01	1.83E+02	7.48E-01	7.61E-01	5.20E+01
INFANT	GROUND	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01
INFANT	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.68E+01	2.41E+01	1.84E+02	1.04E+00	1.05E+00	5.23E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.45E+01	2.05E+01	8.80E+01	3.16E-01	2.95E-01	5.20E+01
CHILD	GROUND	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01
CHILD	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
CHILD	VEG. ING	9.37E-02	1.22E+00	7.79E-02	7.79E-02	2.95E-01	0.00E+00
CHILD	MEAT ING	9.30E-03	1.27E-01	1.30E-02	1.30E-02	2.75E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.49E+01	2.22E+01	8.84E+01	6.98E-01	9.09E-01	5.23E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.49E+00	2.18E+01	4.59E+01	1.47E-01	1.61E-01	5.20E+01
TEENAGE	GROUND	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01
TEENAGE	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
TEENAGE	VEG. ING	1.55E-01	2.02E+00	1.29E-01	1.29E-01	4.89E-01	0.00E+00
TEENAGE	MEAT ING	1.51E-02	2.07E-01	2.11E-02	2.11E-02	4.46E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.95E+00	2.44E+01	4.63E+01	5.88E-01	9.86E-01	5.23E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.54E+00	2.12E+01	3.82E+01	1.24E-01	1.28E-01	5.20E+01
ADULT	GROUND	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01
ADULT	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
ADULT	VEG. ING	2.14E-01	2.79E+00	1.77E-01	1.77E-01	6.75E-01	0.00E+00
ADULT	MEAT ING	2.64E-02	3.62E-01	3.68E-02	3.68E-02	7.80E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.07E+00	2.46E+01	3.87E+01	6.29E-01	1.17E+00	5.23E+01

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 7 NAME=CPP SSE

X= 1.0KM, Y= -2.5KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.13E+01	4.20E+01	3.24E+02	1.16E+00	1.28E+00	0.00E+00
INFANT	GROUND	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02
INFANT	CLOUD	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.13E+01	4.20E+01	3.24E+02	1.18E+00	1.31E+00	2.62E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.01E+01	3.63E+01	1.55E+02	4.84E-01	4.91E-01	0.00E+00
CHILD	GROUND	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02
CHILD	CLOUD	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07
CHILD	VEG. ING	1.63E-01	2.13E+00	1.30E-01	1.30E-01	5.15E-01	0.00E+00
CHILD	MEAT ING	1.61E-02	2.21E-01	2.18E-02	2.18E-02	4.76E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.04E+01	3.86E+01	1.56E+02	6.62E-01	1.08E+00	2.62E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+01	3.85E+01	8.10E+01	2.29E-01	2.69E-01	0.00E+00
TEENAGE	GROUND	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02
TEENAGE	CLOUD	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07
TEENAGE	VEG. ING	2.70E-01	3.52E+00	2.15E-01	2.15E-01	8.53E-01	0.00E+00
TEENAGE	MEAT ING	2.61E-02	3.59E-01	3.53E-02	3.53E-02	7.72E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.16E+01	4.24E+01	8.13E+01	5.05E-01	1.22E+00	2.62E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.56E+00	3.73E+01	6.74E+01	1.92E-01	2.13E-01	0.00E+00
ADULT	GROUND	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02
ADULT	CLOUD	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07
ADULT	VEG. ING	3.73E-01	4.86E+00	2.96E-01	2.96E-01	1.18E+00	0.00E+00
ADULT	MEAT ING	4.56E-02	6.28E-01	6.17E-02	6.17E-02	1.35E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.00E+01	4.29E+01	6.78E+01	5.76E-01	1.55E+00	2.62E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 7 NAME=CPP SSE

X= 1.0KM, Y= -2.5KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.41E+01	4.20E+01	3.24E+02	1.31E+00	1.34E+00	4.71E+01
INFANT	GROUND	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01
INFANT	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.46E+01	4.25E+01	3.24E+02	1.82E+00	1.85E+00	4.76E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.30E+01	3.63E+01	1.55E+02	5.54E-01	5.19E-01	4.71E+01
CHILD	GROUND	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01
CHILD	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
CHILD	VEG. ING	1.65E-01	2.15E+00	1.37E-01	1.37E-01	5.21E-01	0.00E+00
CHILD	MEAT ING	1.64E-02	2.25E-01	2.29E-02	2.29E-02	4.85E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.37E+01	3.92E+01	1.56E+02	1.22E+00	1.60E+00	4.76E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.41E+01	3.86E+01	8.10E+01	2.58E-01	2.83E-01	4.71E+01
TEENAGE	GROUND	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01
TEENAGE	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
TEENAGE	VEG. ING	2.73E-01	3.56E+00	2.26E-01	2.26E-01	8.62E-01	0.00E+00
TEENAGE	MEAT ING	2.66E-02	3.65E-01	3.71E-02	3.71E-02	7.87E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.49E+01	4.30E+01	8.17E+01	1.03E+00	1.73E+00	4.76E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.24E+01	3.74E+01	6.74E+01	2.17E-01	2.25E-01	4.71E+01
ADULT	GROUND	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01	2.90E-01
ADULT	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
ADULT	VEG. ING	3.77E-01	4.92E+00	3.13E-01	3.13E-01	1.19E+00	0.00E+00
ADULT	MEAT ING	4.65E-02	6.38E-01	6.49E-02	6.49E-02	1.38E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.33E+01	4.34E+01	6.83E+01	1.10E+00	2.06E+00	4.76E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 8 NAME=CPP SE

X= 2.0KM, Y= -2.1KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.75E+01	2.80E+01	2.16E+02	7.71E-01	8.52E-01	0.00E+00
INFANT	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
INFANT	CLOUD	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.75E+01	2.80E+01	2.16E+02	7.88E-01	8.70E-01	1.75E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.34E+01	2.42E+01	1.04E+02	3.23E-01	3.27E-01	0.00E+00
CHILD	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
CHILD	CLOUD	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07
CHILD	VEG. ING	1.09E-01	1.42E+00	8.67E-02	8.67E-02	3.44E-01	0.00E+00
CHILD	MEAT ING	1.07E-02	1.47E-01	1.45E-02	1.45E-02	3.17E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.36E+01	2.57E+01	1.04E+02	4.41E-01	7.20E-01	1.75E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.49E+00	2.57E+01	5.40E+01	1.52E-01	1.79E-01	0.00E+00
TEENAGE	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
TEENAGE	CLOUD	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07
TEENAGE	VEG. ING	1.80E-01	2.35E+00	1.43E-01	1.43E-01	5.68E-01	0.00E+00
TEENAGE	MEAT ING	1.74E-02	2.39E-01	2.35E-02	2.35E-02	5.15E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.71E+00	2.83E+01	5.41E+01	3.36E-01	8.16E-01	1.75E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.37E+00	2.49E+01	4.49E+01	1.28E-01	1.42E-01	0.00E+00
ADULT	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
ADULT	CLOUD	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07	5.47E-07
ADULT	VEG. ING	2.48E-01	3.24E+00	1.98E-01	1.98E-01	7.85E-01	0.00E+00
ADULT	MEAT ING	3.04E-02	4.18E-01	4.11E-02	4.11E-02	9.00E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.67E+00	2.86E+01	4.52E+01	3.84E-01	1.03E+00	1.75E-02

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 8 NAME=CPP SE

X= 2.0KM, Y= -2.1KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.12E+01	2.80E+01	2.16E+02	9.02E-01	9.03E-01	6.15E+01
INFANT	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
INFANT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.16E+01	2.84E+01	2.16E+02	1.30E+00	1.30E+00	6.19E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.71E+01	2.42E+01	1.04E+02	3.81E-01	3.51E-01	6.15E+01
CHILD	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
CHILD	VEG. ING	1.10E-01	1.44E+00	9.26E-02	9.26E-02	3.48E-01	0.00E+00
CHILD	MEAT ING	1.10E-02	1.51E-01	1.54E-02	1.54E-02	3.25E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.76E+01	2.62E+01	1.04E+02	8.86E-01	1.13E+00	6.19E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+01	2.57E+01	5.40E+01	1.77E-01	1.91E-01	6.15E+01
TEENAGE	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
TEENAGE	VEG. ING	1.83E-01	2.38E+00	1.53E-01	1.53E-01	5.76E-01	0.00E+00
TEENAGE	MEAT ING	1.78E-02	2.44E-01	2.50E-02	2.50E-02	5.27E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.18E+01	2.87E+01	5.45E+01	7.52E-01	1.22E+00	6.19E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.01E+01	2.49E+01	4.49E+01	1.49E-01	1.52E-01	6.15E+01
ADULT	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ADULT	VEG. ING	2.52E-01	3.29E+00	2.11E-01	2.11E-01	7.96E-01	0.00E+00
ADULT	MEAT ING	3.12E-02	4.27E-01	4.38E-02	4.38E-02	9.21E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.07E+01	2.90E+01	4.56E+01	8.00E-01	1.44E+00	6.19E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 9 NAME=CPP S

X= -0.1KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.15E+01	9.30E+01	7.17E+02	2.56E+00	2.83E+00	0.00E+00
INFANT	GROUND	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
INFANT	CLOUD	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.15E+01	9.30E+01	7.17E+02	2.62E+00	2.89E+00	5.80E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.46E+01	8.03E+01	3.44E+02	1.07E+00	1.09E+00	0.00E+00
CHILD	GROUND	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
CHILD	CLOUD	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06
CHILD	VEG. ING	3.62E-01	4.72E+00	2.88E-01	2.88E-01	1.14E+00	0.00E+00
CHILD	MEAT ING	3.56E-02	4.90E-01	4.82E-02	4.82E-02	1.05E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.51E+01	8.55E+01	3.45E+02	1.47E+00	2.39E+00	5.80E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.49E+01	8.52E+01	1.79E+02	5.06E-01	5.95E-01	0.00E+00
TEENAGE	GROUND	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
TEENAGE	CLOUD	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06
TEENAGE	VEG. ING	5.98E-01	7.80E+00	4.75E-01	4.75E-01	1.89E+00	0.00E+00
TEENAGE	MEAT ING	5.78E-02	7.95E-01	7.82E-02	7.82E-02	1.71E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.56E+01	9.39E+01	1.80E+02	1.12E+00	2.71E+00	5.80E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.12E+01	8.27E+01	1.49E+02	4.25E-01	4.72E-01	0.00E+00
ADULT	GROUND	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
ADULT	CLOUD	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06	1.82E-06
ADULT	VEG. ING	8.25E-01	1.08E+01	6.56E-01	6.56E-01	2.61E+00	0.00E+00
ADULT	MEAT ING	1.01E-01	1.39E+00	1.37E-01	1.37E-01	2.99E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.22E+01	9.49E+01	1.50E+02	1.28E+00	3.44E+00	5.80E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 9 NAME=CPP S

X= -0.1KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.36E+01	9.30E+01	7.17E+02	2.74E+00	2.90E+00	3.50E+01
INFANT	GROUND	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01
INFANT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.44E+01	9.38E+01	7.17E+02	3.57E+00	3.74E+00	3.58E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.67E+01	8.03E+01	3.44E+02	1.15E+00	1.12E+00	3.50E+01
CHILD	GROUND	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01
CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
CHILD	VEG. ING	3.64E-01	4.75E+00	2.96E-01	2.96E-01	1.15E+00	0.00E+00
CHILD	MEAT ING	3.60E-02	4.94E-01	4.94E-02	4.94E-02	1.06E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.80E+01	8.64E+01	3.45E+02	2.33E+00	3.21E+00	3.58E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.70E+01	8.53E+01	1.79E+02	5.40E-01	6.11E-01	3.50E+01
TEENAGE	GROUND	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01
TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
TEENAGE	VEG. ING	6.02E-01	7.85E+00	4.89E-01	4.89E-01	1.90E+00	0.00E+00
TEENAGE	MEAT ING	5.84E-02	8.02E-01	8.02E-02	8.02E-02	1.73E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.85E+01	9.48E+01	1.81E+02	1.94E+00	3.52E+00	3.58E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.33E+01	8.27E+01	1.49E+02	4.53E-01	4.86E-01	3.50E+01
ADULT	GROUND	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01	6.35E-01
ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ADULT	VEG. ING	8.31E-01	1.08E+01	6.75E-01	6.75E-01	2.62E+00	0.00E+00
ADULT	MEAT ING	1.02E-01	1.40E+00	1.40E-01	1.40E-01	3.02E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.51E+01	9.58E+01	1.51E+02	2.10E+00	4.24E+00	3.58E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 10 NAME=CPP SSW

X= -1.3KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.80E+01	2.84E+01	2.19E+02	7.83E-01	8.66E-01	0.00E+00
INFANT	GROUND	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
INFANT	CLOUD	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.80E+01	2.84E+01	2.19E+02	8.01E-01	8.83E-01	1.77E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.36E+01	2.45E+01	1.05E+02	3.28E-01	3.32E-01	0.00E+00
CHILD	GROUND	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
CHILD	CLOUD	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07
CHILD	VEG. ING	1.11E-01	1.44E+00	8.81E-02	8.81E-02	3.49E-01	0.00E+00
CHILD	MEAT ING	1.09E-02	1.50E-01	1.47E-02	1.47E-02	3.22E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.38E+01	2.62E+01	1.05E+02	4.49E-01	7.31E-01	1.77E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.61E+00	2.61E+01	5.48E+01	1.55E-01	1.82E-01	0.00E+00
TEENAGE	GROUND	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
TEENAGE	CLOUD	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07
TEENAGE	VEG. ING	1.83E-01	2.39E+00	1.45E-01	1.45E-01	5.77E-01	0.00E+00
TEENAGE	MEAT ING	1.77E-02	2.43E-01	2.39E-02	2.39E-02	5.23E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.83E+00	2.87E+01	5.50E+01	3.42E-01	8.29E-01	1.77E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.47E+00	2.53E+01	4.56E+01	1.30E-01	1.44E-01	0.00E+00
ADULT	GROUND	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
ADULT	CLOUD	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07	5.56E-07
ADULT	VEG. ING	2.52E-01	3.29E+00	2.01E-01	2.01E-01	7.97E-01	0.00E+00
ADULT	MEAT ING	3.09E-02	4.25E-01	4.18E-02	4.18E-02	9.14E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.77E+00	2.90E+01	4.59E+01	3.90E-01	1.05E+00	1.77E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 10 NAME=CPP SSW

X= -1.3KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.95E+01	2.85E+01	2.19E+02	9.73E-01	9.40E-01	2.51E+01
INFANT	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
INFANT	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.98E+01	2.88E+01	2.19E+02	1.34E+00	1.31E+00	2.55E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.51E+01	2.46E+01	1.05E+02	4.12E-01	3.67E-01	2.51E+01
CHILD	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
CHILD	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
CHILD	VEG. ING	1.13E-01	1.47E+00	9.67E-02	9.67E-02	3.56E-01	0.00E+00
CHILD	MEAT ING	1.13E-02	1.54E-01	1.61E-02	1.61E-02	3.33E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.56E+01	2.66E+01	1.06E+02	8.91E-01	1.12E+00	2.55E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.12E+00	2.61E+01	5.48E+01	1.91E-01	1.99E-01	2.51E+01
TEENAGE	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
TEENAGE	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
TEENAGE	VEG. ING	1.87E-01	2.43E+00	1.59E-01	1.59E-01	5.89E-01	0.00E+00
TEENAGE	MEAT ING	1.83E-02	2.50E-01	2.61E-02	2.61E-02	5.41E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.70E+00	2.92E+01	5.54E+01	7.43E-01	1.21E+00	2.55E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.99E+00	2.53E+01	4.56E+01	1.60E-01	1.59E-01	2.51E+01
ADULT	GROUND	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01	1.96E-01
ADULT	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
ADULT	VEG. ING	2.58E-01	3.36E+00	2.20E-01	2.20E-01	8.13E-01	0.00E+00
ADULT	MEAT ING	3.20E-02	4.38E-01	4.56E-02	4.56E-02	9.45E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.64E+00	2.95E+01	4.62E+01	7.92E-01	1.43E+00	2.55E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 11 NAME=CPP SW

X= -2.1KM, Y= -2.0KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.99E+01	2.02E+01	1.56E+02	5.57E-01	6.15E-01	0.00E+00
INFANT	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
INFANT	CLOUD	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.99E+01	2.02E+01	1.56E+02	5.69E-01	6.28E-01	1.26E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.69E+00	1.75E+01	7.47E+01	2.33E-01	2.36E-01	0.00E+00
CHILD	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
CHILD	CLOUD	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07
CHILD	VEG. ING	7.85E-02	1.03E+00	6.27E-02	6.27E-02	2.48E-01	0.00E+00
CHILD	MEAT ING	7.74E-03	1.06E-01	1.05E-02	1.05E-02	2.29E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.79E+00	1.86E+01	7.48E+01	3.19E-01	5.19E-01	1.26E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.41E+00	1.85E+01	3.89E+01	1.10E-01	1.29E-01	0.00E+00
TEENAGE	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
TEENAGE	CLOUD	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07
TEENAGE	VEG. ING	1.30E-01	1.70E+00	1.03E-01	1.03E-01	4.10E-01	0.00E+00
TEENAGE	MEAT ING	1.26E-02	1.73E-01	1.70E-02	1.70E-02	3.72E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.56E+00	2.04E+01	3.91E+01	2.43E-01	5.89E-01	1.26E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.60E+00	1.80E+01	3.24E+01	9.24E-02	1.03E-01	0.00E+00
ADULT	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
ADULT	CLOUD	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07	3.95E-07
ADULT	VEG. ING	1.79E-01	2.34E+00	1.43E-01	1.43E-01	5.66E-01	0.00E+00
ADULT	MEAT ING	2.19E-02	3.02E-01	2.97E-02	2.97E-02	6.49E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.81E+00	2.06E+01	3.26E+01	2.77E-01	7.46E-01	1.26E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 11 NAME=CPP SW

X= -2.1KM, Y= -2.0KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.13E+01	2.02E+01	1.56E+02	7.24E-01	6.80E-01	2.39E+01
INFANT	GROUND	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
INFANT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.16E+01	2.05E+01	1.56E+02	1.03E+00	9.83E-01	2.42E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.11E+01	1.75E+01	7.47E+01	3.07E-01	2.67E-01	2.39E+01
CHILD	GROUND	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
CHILD	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
CHILD	VEG. ING	8.07E-02	1.05E+00	7.02E-02	7.02E-02	2.54E-01	0.00E+00
CHILD	MEAT ING	8.08E-03	1.10E-01	1.17E-02	1.17E-02	2.39E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.15E+01	1.89E+01	7.51E+01	6.92E-01	8.47E-01	2.42E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.85E+00	1.86E+01	3.89E+01	1.42E-01	1.45E-01	2.39E+01
TEENAGE	GROUND	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
TEENAGE	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
TEENAGE	VEG. ING	1.34E-01	1.74E+00	1.16E-01	1.16E-01	4.20E-01	0.00E+00
TEENAGE	MEAT ING	1.31E-02	1.79E-01	1.89E-02	1.89E-02	3.87E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.30E+00	2.08E+01	3.94E+01	5.79E-01	9.06E-01	2.42E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.04E+00	1.80E+01	3.24E+01	1.19E-01	1.15E-01	2.39E+01
ADULT	GROUND	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
ADULT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
ADULT	VEG. ING	1.84E-01	2.40E+00	1.60E-01	1.60E-01	5.80E-01	0.00E+00
ADULT	MEAT ING	2.29E-02	3.13E-01	3.31E-02	3.31E-02	6.77E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.55E+00	2.10E+01	3.29E+01	6.14E-01	1.07E+00	2.42E+01

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 12 NAME=CPP WSW X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.22E+01	5.31E+01	4.09E+02	1.46E+00	1.62E+00	0.00E+00
INFANT	GROUND	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02
INFANT	CLOUD	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.22E+01	5.31E+01	4.09E+02	1.50E+00	1.65E+00	3.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.55E+01	4.58E+01	1.96E+02	6.12E-01	6.20E-01	0.00E+00
CHILD	GROUND	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02
CHILD	CLOUD	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06
CHILD	VEG. ING	2.06E-01	2.69E+00	1.65E-01	1.65E-01	6.51E-01	0.00E+00
CHILD	MEAT ING	2.03E-02	2.80E-01	2.75E-02	2.75E-02	6.01E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.57E+01	4.88E+01	1.97E+02	8.37E-01	1.36E+00	3.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.42E+01	4.87E+01	1.02E+02	2.89E-01	3.40E-01	0.00E+00
TEENAGE	GROUND	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02
TEENAGE	CLOUD	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06
TEENAGE	VEG. ING	3.41E-01	4.45E+00	2.71E-01	2.71E-01	1.08E+00	0.00E+00
TEENAGE	MEAT ING	3.30E-02	4.54E-01	4.46E-02	4.46E-02	9.76E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.46E+01	5.36E+01	1.03E+02	6.38E-01	1.55E+00	3.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.21E+01	4.72E+01	8.52E+01	2.43E-01	2.69E-01	0.00E+00
ADULT	GROUND	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02
ADULT	CLOUD	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06	1.04E-06
ADULT	VEG. ING	4.71E-01	6.15E+00	3.75E-01	3.75E-01	1.49E+00	0.00E+00
ADULT	MEAT ING	5.76E-02	7.93E-01	7.80E-02	7.80E-02	1.71E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.27E+01	5.42E+01	8.56E+01	7.29E-01	1.96E+00	3.31E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 12 NAME=CPP WSW

X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.38E+01	5.31E+01	4.09E+02	1.56E+00	1.66E+00	2.68E+01
INFANT	GROUND	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01
INFANT	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.43E+01	5.36E+01	4.09E+02	2.05E+00	2.15E+00	2.73E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.71E+01	4.58E+01	1.96E+02	6.57E-01	6.38E-01	2.68E+01
CHILD	GROUND	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01
CHILD	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
CHILD	VEG. ING	2.08E-01	2.71E+00	1.69E-01	1.69E-01	6.55E-01	0.00E+00
CHILD	MEAT ING	2.05E-02	2.82E-01	2.82E-02	2.82E-02	6.07E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.78E+01	4.93E+01	1.97E+02	1.35E+00	1.85E+00	2.73E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.58E+01	4.87E+01	1.02E+02	3.08E-01	3.49E-01	2.68E+01
TEENAGE	GROUND	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01
TEENAGE	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
TEENAGE	VEG. ING	3.43E-01	4.48E+00	2.79E-01	2.79E-01	1.08E+00	0.00E+00
TEENAGE	MEAT ING	3.33E-02	4.58E-01	4.58E-02	4.58E-02	9.86E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.67E+01	5.41E+01	1.03E+02	1.12E+00	2.02E+00	2.73E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.37E+01	4.72E+01	8.52E+01	2.59E-01	2.77E-01	2.68E+01
ADULT	GROUND	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01	3.63E-01
ADULT	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
ADULT	VEG. ING	4.74E-01	6.18E+00	3.85E-01	3.85E-01	1.50E+00	0.00E+00
ADULT	MEAT ING	5.82E-02	8.00E-01	8.00E-02	8.00E-02	1.72E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.47E+01	5.47E+01	8.61E+01	1.22E+00	2.44E+00	2.73E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 13 NAME=CPP W

X= -2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.98E+01	3.04E+01	2.34E+02	8.36E-01	9.24E-01	0.00E+00
INFANT	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
INFANT	CLOUD	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.98E+01	3.04E+01	2.34E+02	8.55E-01	9.43E-01	1.89E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.46E+01	2.62E+01	1.12E+02	3.50E-01	3.55E-01	0.00E+00
CHILD	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
CHILD	CLOUD	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07
CHILD	VEG. ING	1.18E-01	1.54E+00	9.41E-02	9.41E-02	3.72E-01	0.00E+00
CHILD	MEAT ING	1.16E-02	1.60E-01	1.57E-02	1.57E-02	3.44E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.47E+01	2.79E+01	1.12E+02	4.79E-01	7.80E-01	1.89E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.12E+00	2.78E+01	5.85E+01	1.65E-01	1.94E-01	0.00E+00
TEENAGE	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
TEENAGE	CLOUD	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07
TEENAGE	VEG. ING	1.95E-01	2.55E+00	1.55E-01	1.55E-01	6.16E-01	0.00E+00
TEENAGE	MEAT ING	1.89E-02	2.59E-01	2.55E-02	2.55E-02	5.58E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.36E+00	3.07E+01	5.87E+01	3.65E-01	8.85E-01	1.89E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.91E+00	2.70E+01	4.87E+01	1.39E-01	1.54E-01	0.00E+00
ADULT	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
ADULT	CLOUD	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07
ADULT	VEG. ING	2.69E-01	3.51E+00	2.14E-01	2.14E-01	8.50E-01	0.00E+00
ADULT	MEAT ING	3.30E-02	4.53E-01	4.46E-02	4.46E-02	9.75E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.23E+00	3.10E+01	4.89E+01	4.17E-01	1.12E+00	1.89E-02

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21 DURATION IN YRS IS... 5.0

NUMBER 13 NAME=CPP W

X= -2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.16E+01	3.04E+01	2.34E+02	9.41E-01	9.65E-01	2.94E+01
INFANT	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
INFANT	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.20E+01	3.08E+01	2.34E+02	1.31E+00	1.33E+00	2.98E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.63E+01	2.62E+01	1.12E+02	3.97E-01	3.74E-01	2.94E+01
CHILD	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
CHILD	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
CHILD	VEG. ING	1.19E-01	1.56E+00	9.88E-02	9.88E-02	3.76E-01	0.00E+00
CHILD	MEAT ING	1.18E-02	1.62E-01	1.65E-02	1.65E-02	3.50E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.68E+01	2.83E+01	1.13E+02	8.80E-01	1.15E+00	2.98E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.89E+00	2.79E+01	5.85E+01	1.85E-01	2.04E-01	2.94E+01
TEENAGE	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
TEENAGE	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
TEENAGE	VEG. ING	1.97E-01	2.57E+00	1.63E-01	1.63E-01	6.22E-01	0.00E+00
TEENAGE	MEAT ING	1.92E-02	2.64E-01	2.67E-02	2.67E-02	5.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.05E+01	3.11E+01	5.90E+01	7.43E-01	1.25E+00	2.98E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.68E+00	2.70E+01	4.87E+01	1.55E-01	1.62E-01	2.94E+01
ADULT	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
ADULT	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
ADULT	VEG. ING	2.72E-01	3.55E+00	2.25E-01	2.25E-01	8.59E-01	0.00E+00
ADULT	MEAT ING	3.36E-02	4.61E-01	4.67E-02	4.67E-02	9.93E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.35E+00	3.14E+01	4.93E+01	7.95E-01	1.49E+00	2.98E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NUMBER 14 NAME=CPP WNW

X= -2.1KM, Y= 0.9KM, Z= 0.0M, DIST= 2.2KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.38E+01	3.44E+01	2.64E+02	9.47E-01	1.05E+00	0.00E+00
INFANT	GROUND	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02
INFANT	CLOUD	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.38E+01	3.44E+01	2.65E+02	9.68E-01	1.07E+00	2.14E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.65E+01	2.97E+01	1.27E+02	3.96E-01	4.01E-01	0.00E+00
CHILD	GROUND	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02
CHILD	CLOUD	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07
CHILD	VEG. ING	1.34E-01	1.74E+00	1.07E-01	1.07E-01	4.21E-01	0.00E+00
CHILD	MEAT ING	1.31E-02	1.81E-01	1.78E-02	1.78E-02	3.89E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.66E+01	3.16E+01	1.27E+02	5.42E-01	8.83E-01	2.14E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.19E+00	3.15E+01	6.62E+01	1.87E-01	2.20E-01	0.00E+00
TEENAGE	GROUND	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02
TEENAGE	CLOUD	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07
TEENAGE	VEG. ING	2.21E-01	2.88E+00	1.76E-01	1.76E-01	6.97E-01	0.00E+00
TEENAGE	MEAT ING	2.13E-02	2.94E-01	2.89E-02	2.89E-02	6.32E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.46E+00	3.47E+01	6.64E+01	4.13E-01	1.00E+00	2.14E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.82E+00	3.06E+01	5.51E+01	1.57E-01	1.74E-01	0.00E+00
ADULT	GROUND	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02
ADULT	CLOUD	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07	6.71E-07
ADULT	VEG. ING	3.05E-01	3.98E+00	2.43E-01	2.43E-01	9.63E-01	0.00E+00
ADULT	MEAT ING	3.73E-02	5.13E-01	5.05E-02	5.05E-02	1.10E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.18E+00	3.51E+01	5.54E+01	4.72E-01	1.27E+00	2.14E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 14 NAME=CPP WNW

X= -2.1KM, Y= 0.9KM, Z= 0.0M, DIST= 2.2KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.56E+01	3.44E+01	2.64E+02	1.03E+00	1.08E+00	3.09E+01
INFANT	GROUND	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
INFANT	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.60E+01	3.48E+01	2.65E+02	1.41E+00	1.46E+00	3.13E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.83E+01	2.97E+01	1.27E+02	4.32E-01	4.16E-01	3.09E+01
CHILD	GROUND	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
CHILD	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
CHILD	VEG. ING	1.35E-01	1.75E+00	1.10E-01	1.10E-01	4.24E-01	0.00E+00
CHILD	MEAT ING	1.33E-02	1.83E-01	1.84E-02	1.84E-02	3.94E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.89E+01	3.20E+01	1.28E+02	9.48E-01	1.27E+00	3.13E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.11E+01	3.15E+01	6.62E+01	2.02E-01	2.27E-01	3.09E+01
TEENAGE	GROUND	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
TEENAGE	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
TEENAGE	VEG. ING	2.23E-01	2.90E+00	1.82E-01	1.82E-01	7.02E-01	0.00E+00
TEENAGE	MEAT ING	2.16E-02	2.97E-01	2.98E-02	2.98E-02	6.39E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.17E+01	3.51E+01	6.68E+01	8.01E-01	1.38E+00	3.13E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.68E+00	3.06E+01	5.51E+01	1.70E-01	1.80E-01	3.09E+01
ADULT	GROUND	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
ADULT	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
ADULT	VEG. ING	3.07E-01	4.01E+00	2.51E-01	2.51E-01	9.69E-01	0.00E+00
ADULT	MEAT ING	3.78E-02	5.19E-01	5.21E-02	5.21E-02	1.12E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.04E+01	3.55E+01	5.58E+01	8.60E-01	1.65E+00	3.13E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 15 NAME=CPP NW

X= -2.4KM, Y= 2.5KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.41E+01	3.48E+01	2.67E+02	9.58E-01	1.06E+00	0.00E+00
INFANT	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
INFANT	CLOUD	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.42E+01	3.48E+01	2.67E+02	9.80E-01	1.08E+00	2.17E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.67E+01	3.00E+01	1.28E+02	4.01E-01	4.06E-01	0.00E+00
CHILD	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
CHILD	CLOUD	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07
CHILD	VEG. ING	1.35E-01	1.76E+00	1.08E-01	1.08E-01	4.26E-01	0.00E+00
CHILD	MEAT ING	1.33E-02	1.83E-01	1.80E-02	1.80E-02	3.94E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.68E+01	3.20E+01	1.29E+02	5.49E-01	8.93E-01	2.17E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.30E+00	3.19E+01	6.69E+01	1.89E-01	2.22E-01	0.00E+00
TEENAGE	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
TEENAGE	CLOUD	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07
TEENAGE	VEG. ING	2.23E-01	2.91E+00	1.78E-01	1.78E-01	7.05E-01	0.00E+00
TEENAGE	MEAT ING	2.16E-02	2.97E-01	2.92E-02	2.92E-02	6.39E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.57E+00	3.51E+01	6.72E+01	4.18E-01	1.01E+00	2.17E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.91E+00	3.09E+01	5.57E+01	1.59E-01	1.76E-01	0.00E+00
ADULT	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
ADULT	CLOUD	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07	6.79E-07
ADULT	VEG. ING	3.08E-01	4.02E+00	2.46E-01	2.46E-01	9.73E-01	0.00E+00
ADULT	MEAT ING	3.77E-02	5.19E-01	5.11E-02	5.11E-02	1.12E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.28E+00	3.55E+01	5.60E+01	4.77E-01	1.28E+00	2.17E-02

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 15 NAME=CPP NW

X= -2.4KM, Y= 2.5KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.63E+01	3.48E+01	2.67E+02	1.00E+00	1.08E+00	3.55E+01
INFANT	GROUND	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01
INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.66E+01	3.51E+01	2.68E+02	1.36E+00	1.43E+00	3.59E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.88E+01	3.00E+01	1.28E+02	4.21E-01	4.14E-01	3.55E+01
CHILD	GROUND	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01
CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
CHILD	VEG. ING	1.36E-01	1.77E+00	1.10E-01	1.10E-01	4.28E-01	0.00E+00
CHILD	MEAT ING	1.34E-02	1.84E-01	1.83E-02	1.83E-02	3.96E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.93E+01	3.23E+01	1.29E+02	9.03E-01	1.24E+00	3.59E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.14E+01	3.19E+01	6.69E+01	1.98E-01	2.26E-01	3.55E+01
TEENAGE	GROUND	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01
TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
TEENAGE	VEG. ING	2.24E-01	2.93E+00	1.81E-01	1.81E-01	7.08E-01	0.00E+00
TEENAGE	MEAT ING	2.17E-02	2.99E-01	2.98E-02	2.98E-02	6.43E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.20E+01	3.55E+01	6.75E+01	7.63E-01	1.35E+00	3.59E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.00E+01	3.09E+01	5.57E+01	1.66E-01	1.80E-01	3.55E+01
ADULT	GROUND	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01	2.39E-01
ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
ADULT	VEG. ING	3.10E-01	4.04E+00	2.50E-01	2.50E-01	9.77E-01	0.00E+00
ADULT	MEAT ING	3.80E-02	5.22E-01	5.20E-02	5.20E-02	1.12E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.07E+01	3.59E+01	5.64E+01	8.22E-01	1.62E+00	3.59E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 16 NAME=CPP NNW

X= -1.1KM, Y= 2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.56E+01	2.61E+01	2.01E+02	7.19E-01	7.94E-01	0.00E+00
INFANT	GROUND	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02
INFANT	CLOUD	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.57E+01	2.61E+01	2.01E+02	7.35E-01	8.11E-01	1.63E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.25E+01	2.25E+01	9.65E+01	3.01E-01	3.05E-01	0.00E+00
CHILD	GROUND	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02
CHILD	CLOUD	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07
CHILD	VEG. ING	1.01E-01	1.32E+00	8.09E-02	8.09E-02	3.20E-01	0.00E+00
CHILD	MEAT ING	9.99E-03	1.37E-01	1.35E-02	1.35E-02	2.96E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.26E+01	2.40E+01	9.66E+01	4.12E-01	6.71E-01	1.63E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.98E+00	2.39E+01	5.03E+01	1.42E-01	1.67E-01	0.00E+00
TEENAGE	GROUND	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02
TEENAGE	CLOUD	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07
TEENAGE	VEG. ING	1.68E-01	2.19E+00	1.33E-01	1.33E-01	5.29E-01	0.00E+00
TEENAGE	MEAT ING	1.62E-02	2.23E-01	2.19E-02	2.19E-02	4.80E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.18E+00	2.64E+01	5.05E+01	3.14E-01	7.61E-01	1.63E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.94E+00	2.32E+01	4.18E+01	1.19E-01	1.32E-01	0.00E+00
ADULT	GROUND	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02
ADULT	CLOUD	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07	5.10E-07
ADULT	VEG. ING	2.32E-01	3.02E+00	1.84E-01	1.84E-01	7.31E-01	0.00E+00
ADULT	MEAT ING	2.83E-02	3.90E-01	3.83E-02	3.83E-02	8.39E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.22E+00	2.66E+01	4.21E+01	3.58E-01	9.64E-01	1.63E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 16 NAME=CPP NNW

X= -1.1KM, Y= 2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.68E+01	2.61E+01	2.01E+02	7.72E-01	8.15E-01	1.98E+01
INFANT	GROUND	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
INFANT	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.71E+01	2.64E+01	2.01E+02	1.05E+00	1.09E+00	2.01E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.37E+01	2.25E+01	9.65E+01	3.25E-01	3.14E-01	1.98E+01
CHILD	GROUND	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
CHILD	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
CHILD	VEG. ING	1.02E-01	1.33E+00	8.33E-02	8.33E-02	3.22E-01	0.00E+00
CHILD	MEAT ING	1.01E-02	1.39E-01	1.39E-02	1.39E-02	2.99E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.41E+01	2.43E+01	9.69E+01	6.98E-01	9.43E-01	2.01E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.17E+00	2.39E+01	5.03E+01	1.52E-01	1.72E-01	1.98E+01
TEENAGE	GROUND	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
TEENAGE	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
TEENAGE	VEG. ING	1.69E-01	2.20E+00	1.37E-01	1.37E-01	5.33E-01	0.00E+00
TEENAGE	MEAT ING	1.64E-02	2.25E-01	2.26E-02	2.26E-02	4.85E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.64E+00	2.66E+01	5.07E+01	5.89E-01	1.03E+00	2.01E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.13E+00	2.32E+01	4.18E+01	1.28E-01	1.36E-01	1.98E+01
ADULT	GROUND	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
ADULT	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
ADULT	VEG. ING	2.33E-01	3.04E+00	1.90E-01	1.90E-01	7.36E-01	0.00E+00
ADULT	MEAT ING	2.86E-02	3.93E-01	3.94E-02	3.94E-02	8.47E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.67E+00	2.69E+01	4.24E+01	6.34E-01	1.23E+00	2.01E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NUMBER 17 NAME=SF N

X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.43E+01	2.48E+01	1.91E+02	6.83E-01	7.55E-01	0.00E+00
INFANT	GROUND	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02
INFANT	CLOUD	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.44E+01	2.48E+01	1.91E+02	6.99E-01	7.70E-01	1.54E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.19E+01	2.14E+01	9.16E+01	2.86E-01	2.89E-01	0.00E+00
CHILD	GROUND	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02
CHILD	CLOUD	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07
CHILD	VEG. ING	9.63E-02	1.26E+00	7.69E-02	7.69E-02	3.04E-01	0.00E+00
CHILD	MEAT ING	9.49E-03	1.31E-01	1.29E-02	1.29E-02	2.81E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.20E+01	2.28E+01	9.17E+01	3.91E-01	6.37E-01	1.54E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.63E+00	2.28E+01	4.77E+01	1.35E-01	1.59E-01	0.00E+00
TEENAGE	GROUND	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02
TEENAGE	CLOUD	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07
TEENAGE	VEG. ING	1.59E-01	2.08E+00	1.27E-01	1.27E-01	5.02E-01	0.00E+00
TEENAGE	MEAT ING	1.54E-02	2.12E-01	2.09E-02	2.09E-02	4.56E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.82E+00	2.51E+01	4.79E+01	2.98E-01	7.22E-01	1.54E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.64E+00	2.21E+01	3.97E+01	1.13E-01	1.26E-01	0.00E+00
ADULT	GROUND	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02
ADULT	CLOUD	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07	4.84E-07
ADULT	VEG. ING	2.20E-01	2.87E+00	1.75E-01	1.75E-01	6.94E-01	0.00E+00
ADULT	MEAT ING	2.69E-02	3.70E-01	3.65E-02	3.65E-02	7.96E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.90E+00	2.53E+01	3.99E+01	3.41E-01	9.15E-01	1.54E-02

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 17 NAME=SF N

X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.59E+01	2.48E+01	1.91E+02	7.16E-01	7.67E-01	2.64E+01
INFANT	GROUND	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
INFANT	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.62E+01	2.50E+01	1.91E+02	9.46E-01	9.97E-01	2.66E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.35E+01	2.14E+01	9.16E+01	3.01E-01	2.95E-01	2.64E+01
CHILD	GROUND	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
CHILD	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
CHILD	VEG. ING	9.67E-02	1.26E+00	7.84E-02	7.84E-02	3.05E-01	0.00E+00
CHILD	MEAT ING	9.56E-03	1.31E-01	1.31E-02	1.31E-02	2.83E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.38E+01	2.31E+01	9.19E+01	6.22E-01	8.58E-01	2.66E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.21E+00	2.28E+01	4.77E+01	1.41E-01	1.62E-01	2.64E+01
TEENAGE	GROUND	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
TEENAGE	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
TEENAGE	VEG. ING	1.60E-01	2.09E+00	1.29E-01	1.29E-01	5.04E-01	0.00E+00
TEENAGE	MEAT ING	1.55E-02	2.13E-01	2.12E-02	2.12E-02	4.59E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.62E+00	2.53E+01	4.81E+01	5.21E-01	9.41E-01	2.66E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.22E+00	2.21E+01	3.97E+01	1.19E-01	1.28E-01	2.64E+01
ADULT	GROUND	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
ADULT	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
ADULT	VEG. ING	2.21E-01	2.88E+00	1.79E-01	1.79E-01	6.97E-01	0.00E+00
ADULT	MEAT ING	2.71E-02	3.73E-01	3.71E-02	3.71E-02	8.02E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.70E+00	2.56E+01	4.02E+01	5.64E-01	1.13E+00	2.66E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 18 NAME=SF NNE

.X= -4.6KM, Y= 4.6KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.73E+01	2.78E+01	2.14E+02	7.66E-01	8.46E-01	0.00E+00
INFANT	GROUND	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02
INFANT	CLOUD	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.73E+01	2.78E+01	2.14E+02	7.84E-01	8.64E-01	1.73E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.33E+01	2.40E+01	1.03E+02	3.21E-01	3.25E-01	0.00E+00
CHILD	GROUND	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02
CHILD	CLOUD	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07
CHILD	VEG. ING	1.08E-01	1.41E+00	8.62E-02	8.62E-02	3.41E-01	0.00E+00
CHILD	MEAT ING	1.06E-02	1.46E-01	1.44E-02	1.44E-02	3.15E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.35E+01	2.56E+01	1.03E+02	4.39E-01	7.14E-01	1.73E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.43E+00	2.55E+01	5.35E+01	1.52E-01	1.78E-01	0.00E+00
TEENAGE	GROUND	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02
TEENAGE	CLOUD	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07
TEENAGE	VEG. ING	1.79E-01	2.33E+00	1.42E-01	1.42E-01	5.63E-01	0.00E+00
TEENAGE	MEAT ING	1.73E-02	2.38E-01	2.34E-02	2.34E-02	5.11E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.65E+00	2.81E+01	5.37E+01	3.34E-01	8.10E-01	1.73E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.32E+00	2.47E+01	4.45E+01	1.27E-01	1.41E-01	0.00E+00
ADULT	GROUND	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02
ADULT	CLOUD	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07	5.42E-07
ADULT	VEG. ING	2.47E-01	3.22E+00	1.96E-01	1.96E-01	7.78E-01	0.00E+00
ADULT	MEAT ING	3.02E-02	4.15E-01	4.09E-02	4.09E-02	8.93E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.62E+00	2.84E+01	4.48E+01	3.82E-01	1.03E+00	1.73E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NUMBER 18 NAME=SF NNE

X= -4.6KM, Y= 4.6KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.88E+01	2.78E+01	2.14E+02	7.98E-01	8.59E-01	2.52E+01
INFANT	GROUND	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01
INFANT	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.91E+01	2.81E+01	2.14E+02	1.05E+00	1.11E+00	2.55E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.48E+01	2.40E+01	1.03E+02	3.35E-01	3.30E-01	2.52E+01
CHILD	GROUND	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01
CHILD	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
CHILD	VEG. ING	1.08E-01	1.41E+00	8.77E-02	8.77E-02	3.42E-01	0.00E+00
CHILD	MEAT ING	1.07E-02	1.47E-01	1.46E-02	1.46E-02	3.17E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.52E+01	2.58E+01	1.03E+02	6.84E-01	9.51E-01	2.55E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.95E+00	2.55E+01	5.35E+01	1.58E-01	1.81E-01	2.52E+01
TEENAGE	GROUND	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01
TEENAGE	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
TEENAGE	VEG. ING	1.79E-01	2.34E+00	1.45E-01	1.45E-01	5.65E-01	0.00E+00
TEENAGE	MEAT ING	1.74E-02	2.39E-01	2.38E-02	2.38E-02	5.14E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.39E+00	2.83E+01	5.39E+01	5.73E-01	1.04E+00	2.55E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.84E+00	2.48E+01	4.45E+01	1.32E-01	1.43E-01	2.52E+01
ADULT	GROUND	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.91E-01
ADULT	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
ADULT	VEG. ING	2.48E-01	3.23E+00	2.00E-01	2.00E-01	7.81E-01	0.00E+00
ADULT	MEAT ING	3.04E-02	4.17E-01	4.15E-02	4.15E-02	8.98E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.36E+00	2.86E+01	4.50E+01	6.21E-01	1.26E+00	2.55E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 19 NAME=SF NE

X= -4.0KM, Y= 4.5KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.61E+01	2.66E+01	2.04E+02	7.32E-01	8.08E-01	0.00E+00
INFANT	GROUND	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02
INFANT	CLOUD	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.61E+01	2.66E+01	2.04E+02	7.48E-01	8.25E-01	1.65E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.27E+01	2.29E+01	9.81E+01	3.06E-01	3.10E-01	0.00E+00
CHILD	GROUND	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02
CHILD	CLOUD	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07
CHILD	VEG. ING	1.03E-01	1.35E+00	8.23E-02	8.23E-02	3.25E-01	0.00E+00
CHILD	MEAT ING	1.02E-02	1.40E-01	1.38E-02	1.38E-02	3.00E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.28E+01	2.44E+01	9.82E+01	4.19E-01	6.82E-01	1.65E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.10E+00	2.44E+01	5.11E+01	1.45E-01	1.70E-01	0.00E+00
TEENAGE	GROUND	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02
TEENAGE	CLOUD	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07
TEENAGE	VEG. ING	1.71E-01	2.23E+00	1.36E-01	1.36E-01	5.38E-01	0.00E+00
TEENAGE	MEAT ING	1.65E-02	2.27E-01	2.23E-02	2.23E-02	4.88E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.30E+00	2.68E+01	5.13E+01	3.19E-01	7.73E-01	1.65E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.04E+00	2.36E+01	4.25E+01	1.21E-01	1.35E-01	0.00E+00
ADULT	GROUND	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02
ADULT	CLOUD	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07
ADULT	VEG. ING	2.35E-01	3.07E+00	1.88E-01	1.88E-01	7.43E-01	0.00E+00
ADULT	MEAT ING	2.88E-02	3.96E-01	3.90E-02	3.90E-02	8.52E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.32E+00	2.71E+01	4.28E+01	3.65E-01	9.79E-01	1.65E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 19 NAME=SF NE

X= -4.0KM, Y= 4.5KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.77E+01	2.66E+01	2.04E+02	7.65E-01	8.21E-01	2.65E+01
INFANT	GROUND	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01
INFANT	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.79E+01	2.68E+01	2.04E+02	1.01E+00	1.06E+00	2.67E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.43E+01	2.29E+01	9.81E+01	3.21E-01	3.16E-01	2.65E+01
CHILD	GROUND	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01
CHILD	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
CHILD	VEG. ING	1.04E-01	1.35E+00	8.38E-02	8.38E-02	3.26E-01	0.00E+00
CHILD	MEAT ING	1.02E-02	1.41E-01	1.40E-02	1.40E-02	3.02E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.47E+01	2.47E+01	9.84E+01	6.61E-01	9.15E-01	2.67E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.69E+00	2.44E+01	5.11E+01	1.51E-01	1.73E-01	2.65E+01
TEENAGE	GROUND	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01
TEENAGE	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
TEENAGE	VEG. ING	1.71E-01	2.23E+00	1.38E-01	1.38E-01	5.40E-01	0.00E+00
TEENAGE	MEAT ING	1.66E-02	2.28E-01	2.27E-02	2.27E-02	4.91E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.12E+00	2.71E+01	5.15E+01	5.54E-01	1.00E+00	2.67E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.63E+00	2.36E+01	4.25E+01	1.27E-01	1.37E-01	2.65E+01
ADULT	GROUND	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01	1.83E-01
ADULT	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
ADULT	VEG. ING	2.36E-01	3.08E+00	1.91E-01	1.91E-01	7.46E-01	0.00E+00
ADULT	MEAT ING	2.90E-02	3.99E-01	3.97E-02	3.97E-02	8.58E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.13E+00	2.74E+01	4.30E+01	5.99E-01	1.21E+00	2.67E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 20 NAME=SF ENE X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.22E+01	2.26E+01	1.74E+02	6.23E-01	6.88E-01	0.00E+00
INFANT	GROUND	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02
INFANT	CLOUD	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.22E+01	2.26E+01	1.74E+02	6.37E-01	7.02E-01	1.41E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.08E+01	1.95E+01	8.35E+01	2.61E-01	2.64E-01	0.00E+00
CHILD	GROUND	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02
CHILD	CLOUD	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07
CHILD	VEG. ING	8.78E-02	1.15E+00	7.01E-02	7.01E-02	2.77E-01	0.00E+00
CHILD	MEAT ING	8.65E-03	1.19E-01	1.17E-02	1.17E-02	2.56E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.09E+01	2.08E+01	8.36E+01	3.57E-01	5.81E-01	1.41E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.04E+00	2.07E+01	4.35E+01	1.23E-01	1.45E-01	0.00E+00
TEENAGE	GROUND	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02
TEENAGE	CLOUD	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07
TEENAGE	VEG. ING	1.45E-01	1.89E+00	1.16E-01	1.16E-01	4.58E-01	0.00E+00
TEENAGE	MEAT ING	1.40E-02	1.93E-01	1.90E-02	1.90E-02	4.15E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.22E+00	2.28E+01	4.37E+01	2.72E-01	6.58E-01	1.41E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.14E+00	2.01E+01	3.62E+01	1.03E-01	1.15E-01	0.00E+00
ADULT	GROUND	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02
ADULT	CLOUD	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07	4.41E-07
ADULT	VEG. ING	2.00E-01	2.62E+00	1.60E-01	1.60E-01	6.33E-01	0.00E+00
ADULT	MEAT ING	2.45E-02	3.38E-01	3.32E-02	3.32E-02	7.26E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.38E+00	2.31E+01	3.64E+01	3.10E-01	8.34E-01	1.41E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 20 NAME=SF ENE

X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.36E+01	2.26E+01	1.74E+02	6.59E-01	7.02E-01	2.26E+01
INFANT	GROUND	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01
INFANT	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.38E+01	2.28E+01	1.74E+02	8.74E-01	9.17E-01	2.28E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.22E+01	1.95E+01	8.35E+01	2.77E-01	2.70E-01	2.26E+01
CHILD	GROUND	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01
CHILD	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
CHILD	VEG. ING	8.83E-02	1.15E+00	7.17E-02	7.17E-02	2.78E-01	0.00E+00
CHILD	MEAT ING	8.72E-03	1.20E-01	1.20E-02	1.20E-02	2.58E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.25E+01	2.10E+01	8.38E+01	5.76E-01	7.90E-01	2.28E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.40E+00	2.08E+01	4.35E+01	1.30E-01	1.48E-01	2.26E+01
TEENAGE	GROUND	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01
TEENAGE	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
TEENAGE	VEG. ING	1.46E-01	1.90E+00	1.18E-01	1.18E-01	4.60E-01	0.00E+00
TEENAGE	MEAT ING	1.42E-02	1.95E-01	1.94E-02	1.94E-02	4.19E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.78E+00	2.31E+01	4.39E+01	4.83E-01	8.65E-01	2.28E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.50E+00	2.01E+01	3.62E+01	1.09E-01	1.17E-01	2.26E+01
ADULT	GROUND	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01
ADULT	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
ADULT	VEG. ING	2.02E-01	2.63E+00	1.63E-01	1.63E-01	6.36E-01	0.00E+00
ADULT	MEAT ING	2.47E-02	3.40E-01	3.40E-02	3.40E-02	7.32E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.94E+00	2.33E+01	3.66E+01	5.22E-01	1.04E+00	2.28E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 21 NAME=SF E

X= -2.8KM, Y= 3.5KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.97E+01	3.03E+01	2.33E+02	8.35E-01	9.22E-01	0.00E+00
INFANT	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
INFANT	CLOUD	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.98E+01	3.03E+01	2.33E+02	8.54E-01	9.41E-01	1.89E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.45E+01	2.62E+01	1.12E+02	3.50E-01	3.54E-01	0.00E+00
CHILD	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
CHILD	CLOUD	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07
CHILD	VEG. ING	1.18E-01	1.54E+00	9.40E-02	9.40E-02	3.71E-01	0.00E+00
CHILD	MEAT ING	1.16E-02	1.59E-01	1.57E-02	1.57E-02	3.43E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.47E+01	2.79E+01	1.12E+02	4.78E-01	7.78E-01	1.89E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.10E+00	2.78E+01	5.83E+01	1.65E-01	1.94E-01	0.00E+00
TEENAGE	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
TEENAGE	CLOUD	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07
TEENAGE	VEG. ING	1.95E-01	2.54E+00	1.55E-01	1.55E-01	6.14E-01	0.00E+00
TEENAGE	MEAT ING	1.88E-02	2.59E-01	2.55E-02	2.55E-02	5.57E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.33E+00	3.06E+01	5.85E+01	3.64E-01	8.82E-01	1.89E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.89E+00	2.70E+01	4.85E+01	1.39E-01	1.54E-01	0.00E+00
ADULT	GROUND	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02	1.89E-02
ADULT	CLOUD	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07	5.91E-07
ADULT	VEG. ING	2.69E-01	3.51E+00	2.14E-01	2.14E-01	8.48E-01	0.00E+00
ADULT	MEAT ING	3.29E-02	4.52E-01	4.45E-02	4.45E-02	9.73E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.21E+00	3.09E+01	4.88E+01	4.16E-01	1.12E+00	1.89E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 21 NAME=SF E

X= -2.8KM, Y= 3.5KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.17E+01	3.03E+01	2.33E+02	8.70E-01	9.36E-01	3.28E+01
INFANT	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
INFANT	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.20E+01	3.06E+01	2.33E+02	1.16E+00	1.22E+00	3.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.65E+01	2.62E+01	1.12E+02	3.65E-01	3.60E-01	3.28E+01
CHILD	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
CHILD	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
CHILD	VEG. ING	1.18E-01	1.54E+00	9.55E-02	9.55E-02	3.73E-01	0.00E+00
CHILD	MEAT ING	1.17E-02	1.60E-01	1.60E-02	1.60E-02	3.45E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.69E+01	2.82E+01	1.12E+02	7.62E-01	1.05E+00	3.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.01E+01	2.78E+01	5.83E+01	1.72E-01	1.97E-01	3.28E+01
TEENAGE	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
TEENAGE	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
TEENAGE	VEG. ING	1.95E-01	2.55E+00	1.58E-01	1.58E-01	6.16E-01	0.00E+00
TEENAGE	MEAT ING	1.89E-02	2.60E-01	2.59E-02	2.59E-02	5.60E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.06E+01	3.09E+01	5.88E+01	6.41E-01	1.15E+00	3.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.86E+00	2.70E+01	4.85E+01	1.44E-01	1.56E-01	3.28E+01
ADULT	GROUND	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
ADULT	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
ADULT	VEG. ING	2.70E-01	3.52E+00	2.18E-01	2.18E-01	8.51E-01	0.00E+00
ADULT	MEAT ING	3.31E-02	4.55E-01	4.53E-02	4.53E-02	9.79E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.45E+00	3.12E+01	4.91E+01	6.92E-01	1.39E+00	3.30E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21 DURATION IN YRS IS... 5.0

NUMBER 22 NAME=SF SSE

X= -3.7KM, Y= 0.2KM, Z= 0.0M, DIST= 3.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.50E+01	2.55E+01	1.96E+02	7.02E-01	7.76E-01	0.00E+00
INFANT	GROUND	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02
INFANT	CLOUD	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.50E+01	2.55E+01	1.96E+02	7.18E-01	7.92E-01	1.59E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.22E+01	2.20E+01	9.42E+01	2.94E-01	2.98E-01	0.00E+00
CHILD	GROUND	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02
CHILD	CLOUD	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07
CHILD	VEG. ING	9.90E-02	1.29E+00	7.91E-02	7.91E-02	3.12E-01	0.00E+00
CHILD	MEAT ING	9.75E-03	1.34E-01	1.32E-02	1.32E-02	2.89E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.23E+01	2.35E+01	9.43E+01	4.02E-01	6.55E-01	1.59E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.82E+00	2.34E+01	4.91E+01	1.39E-01	1.63E-01	0.00E+00
TEENAGE	GROUND	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02
TEENAGE	CLOUD	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07
TEENAGE	VEG. ING	1.64E-01	2.14E+00	1.30E-01	1.30E-01	5.17E-01	0.00E+00
TEENAGE	MEAT ING	1.58E-02	2.18E-01	2.14E-02	2.14E-02	4.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.01E+00	2.58E+01	4.92E+01	3.07E-01	7.42E-01	1.59E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.80E+00	2.27E+01	4.08E+01	1.17E-01	1.29E-01	0.00E+00
ADULT	GROUND	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02
ADULT	CLOUD	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07	4.98E-07
ADULT	VEG. ING	2.26E-01	2.95E+00	1.80E-01	1.80E-01	7.14E-01	0.00E+00
ADULT	MEAT ING	2.77E-02	3.81E-01	3.75E-02	3.75E-02	8.19E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.07E+00	2.60E+01	4.11E+01	3.50E-01	9.41E-01	1.59E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 22 NAME=SF SSE

X= -3.7KM, Y= 0.2KM, Z= 0.0M, DIST= 3.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.72E+01	2.55E+01	1.96E+02	8.21E-01	8.22E-01	3.67E+01
INFANT	GROUND	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01
INFANT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.76E+01	2.59E+01	1.96E+02	1.20E+00	1.21E+00	3.71E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.44E+01	2.20E+01	9.42E+01	3.47E-01	3.19E-01	3.67E+01
CHILD	GROUND	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01
CHILD	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
CHILD	VEG. ING	1.01E-01	1.31E+00	8.44E-02	8.44E-02	3.17E-01	0.00E+00
CHILD	MEAT ING	1.00E-02	1.37E-01	1.41E-02	1.41E-02	2.95E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.49E+01	2.39E+01	9.47E+01	8.29E-01	1.05E+00	3.71E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.02E+00	2.34E+01	4.91E+01	1.61E-01	1.74E-01	3.67E+01
TEENAGE	GROUND	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01
TEENAGE	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
TEENAGE	VEG. ING	1.66E-01	2.17E+00	1.39E-01	1.39E-01	5.24E-01	0.00E+00
TEENAGE	MEAT ING	1.62E-02	2.22E-01	2.28E-02	2.28E-02	4.80E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.59E+00	2.62E+01	4.96E+01	7.07E-01	1.13E+00	3.71E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.00E+00	2.27E+01	4.08E+01	1.35E-01	1.38E-01	3.67E+01
ADULT	GROUND	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01	1.77E-01
ADULT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
ADULT	VEG. ING	2.30E-01	2.99E+00	1.92E-01	1.92E-01	7.23E-01	0.00E+00
ADULT	MEAT ING	2.84E-02	3.89E-01	3.99E-02	3.99E-02	8.38E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.65E+00	2.65E+01	4.15E+01	7.51E-01	1.33E+00	3.71E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 23 NAME=SF SE

X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.65E+01	3.72E+01	2.86E+02	1.02E+00	1.13E+00	0.00E+00
INFANT	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
INFANT	CLOUD	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.65E+01	3.72E+01	2.86E+02	1.05E+00	1.15E+00	2.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.78E+01	3.21E+01	1.37E+02	4.29E-01	4.34E-01	0.00E+00
CHILD	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
CHILD	CLOUD	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07
CHILD	VEG. ING	1.44E-01	1.88E+00	1.15E-01	1.15E-01	4.55E-01	0.00E+00
CHILD	MEAT ING	1.42E-02	1.96E-01	1.92E-02	1.92E-02	4.20E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.80E+01	3.42E+01	1.37E+02	5.86E-01	9.54E-01	2.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.93E+00	3.41E+01	7.15E+01	2.02E-01	2.37E-01	0.00E+00
TEENAGE	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
TEENAGE	CLOUD	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07
TEENAGE	VEG. ING	2.39E-01	3.11E+00	1.90E-01	1.90E-01	7.53E-01	0.00E+00
TEENAGE	MEAT ING	2.31E-02	3.17E-01	3.12E-02	3.12E-02	6.82E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.02E+01	3.75E+01	7.18E+01	4.47E-01	1.08E+00	2.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.45E+00	3.30E+01	5.95E+01	1.70E-01	1.88E-01	0.00E+00
ADULT	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
ADULT	CLOUD	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07	7.25E-07
ADULT	VEG. ING	3.29E-01	4.30E+00	2.62E-01	2.62E-01	1.04E+00	0.00E+00
ADULT	MEAT ING	4.03E-02	5.55E-01	5.46E-02	5.46E-02	1.19E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.84E+00	3.79E+01	5.98E+01	5.10E-01	1.37E+00	2.31E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21 DURATION IN YRS IS... 5.0

NUMBER 23 NAME=SF SE

X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.91E+01	3.72E+01	2.86E+02	1.10E+00	1.16E+00	4.32E+01
INFANT	GROUND	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01
INFANT	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.95E+01	3.76E+01	2.86E+02	1.55E+00	1.60E+00	4.37E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.04E+01	3.21E+01	1.37E+02	4.64E-01	4.48E-01	4.32E+01
CHILD	GROUND	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01
CHILD	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
CHILD	VEG. ING	1.45E-01	1.89E+00	1.19E-01	1.19E-01	4.58E-01	0.00E+00
CHILD	MEAT ING	1.44E-02	1.97E-01	1.98E-02	1.98E-02	4.25E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.10E+01	3.46E+01	1.38E+02	1.04E+00	1.39E+00	4.37E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.25E+01	3.41E+01	7.15E+01	2.18E-01	2.45E-01	4.32E+01
TEENAGE	GROUND	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01
TEENAGE	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
TEENAGE	VEG. ING	2.40E-01	3.13E+00	1.96E-01	1.96E-01	7.58E-01	0.00E+00
TEENAGE	MEAT ING	2.33E-02	3.20E-01	3.22E-02	3.22E-02	6.90E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.32E+01	3.80E+01	7.22E+01	8.88E-01	1.51E+00	4.37E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.10E+01	3.31E+01	5.95E+01	1.83E-01	1.94E-01	4.32E+01
ADULT	GROUND	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01	2.56E-01
ADULT	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
ADULT	VEG. ING	3.32E-01	4.33E+00	2.70E-01	2.70E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	4.08E-02	5.60E-01	5.62E-02	5.62E-02	1.21E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.19E+01	3.84E+01	6.03E+01	9.52E-01	1.80E+00	4.37E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 24 NAME=SF S

X= -5.1KM, Y= -0.3KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.40E+01	1.43E+01	1.10E+02	3.93E-01	4.35E-01	0.00E+00
INFANT	GROUND	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03
INFANT	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.40E+01	1.43E+01	1.10E+02	4.02E-01	4.44E-01	8.90E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.84E+00	1.23E+01	5.28E+01	1.65E-01	1.67E-01	0.00E+00
CHILD	GROUND	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03
CHILD	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
CHILD	VEG. ING	5.55E-02	7.24E-01	4.43E-02	4.43E-02	1.75E-01	0.00E+00
CHILD	MEAT ING	5.46E-03	7.52E-02	7.40E-03	7.40E-03	1.62E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.91E+00	1.31E+01	5.28E+01	2.25E-01	3.67E-01	8.90E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.82E+00	1.31E+01	2.75E+01	7.78E-02	9.13E-02	0.00E+00
TEENAGE	GROUND	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03
TEENAGE	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
TEENAGE	VEG. ING	9.17E-02	1.20E+00	7.30E-02	7.30E-02	2.89E-01	0.00E+00
TEENAGE	MEAT ING	8.87E-03	1.22E-01	1.20E-02	1.20E-02	2.62E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.93E+00	1.44E+01	2.76E+01	1.72E-01	4.16E-01	8.90E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.25E+00	1.27E+01	2.29E+01	6.53E-02	7.24E-02	0.00E+00
ADULT	GROUND	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03	8.90E-03
ADULT	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
ADULT	VEG. ING	1.27E-01	1.65E+00	1.01E-01	1.01E-01	4.00E-01	0.00E+00
ADULT	MEAT ING	1.55E-02	2.13E-01	2.10E-02	2.10E-02	4.59E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.40E+00	1.46E+01	2.30E+01	1.96E-01	5.27E-01	8.90E-03

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 24 NAME=SF S

X= -5.1KM, Y= -0.3KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.55E+01	1.43E+01	1.10E+02	5.14E-01	4.82E-01	2.48E+01
INFANT	GROUND	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02
INFANT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.58E+01	1.46E+01	1.10E+02	7.75E-01	7.43E-01	2.50E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.33E+00	1.24E+01	5.28E+01	2.18E-01	1.89E-01	2.48E+01
CHILD	GROUND	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02
CHILD	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
CHILD	VEG. ING	5.70E-02	7.42E-01	4.97E-02	4.97E-02	1.79E-01	0.00E+00
CHILD	MEAT ING	5.71E-03	7.81E-02	8.26E-03	8.26E-03	1.69E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.65E+00	1.34E+01	5.31E+01	5.38E-01	6.46E-01	2.50E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.31E+00	1.31E+01	2.75E+01	1.01E-01	1.02E-01	2.48E+01
TEENAGE	GROUND	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02
TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
TEENAGE	VEG. ING	9.43E-02	1.23E+00	8.20E-02	8.20E-02	2.97E-01	0.00E+00
TEENAGE	MEAT ING	9.28E-03	1.27E-01	1.34E-02	1.34E-02	2.74E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.67E+00	1.48E+01	2.78E+01	4.57E-01	6.88E-01	2.50E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.74E+00	1.27E+01	2.29E+01	8.45E-02	8.16E-02	2.48E+01
ADULT	GROUND	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02	9.96E-02
ADULT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
ADULT	VEG. ING	1.30E-01	1.69E+00	1.13E-01	1.13E-01	4.10E-01	0.00E+00
ADULT	MEAT ING	1.62E-02	2.21E-01	2.34E-02	2.34E-02	4.79E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.15E+00	1.49E+01	2.33E+01	4.82E-01	8.00E-01	2.50E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 25 NAME=SF SSW

X= -6.0KM, Y= 1.3KM, Z= 0.0M, DIST= 6.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.83E+01	1.86E+01	1.43E+02	5.12E-01	5.66E-01	0.00E+00
INFANT	GROUND	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
INFANT	CLOUD	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.83E+01	1.86E+01	1.43E+02	5.24E-01	5.77E-01	1.16E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.91E+00	1.61E+01	6.87E+01	2.15E-01	2.17E-01	0.00E+00
CHILD	GROUND	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
CHILD	CLOUD	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07
CHILD	VEG. ING	7.22E-02	9.42E-01	5.77E-02	5.77E-02	2.28E-01	0.00E+00
CHILD	MEAT ING	7.11E-03	9.79E-02	9.63E-03	9.63E-03	2.10E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.00E+00	1.71E+01	6.88E+01	2.93E-01	4.77E-01	1.16E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.97E+00	1.71E+01	3.58E+01	1.01E-01	1.19E-01	0.00E+00
TEENAGE	GROUND	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
TEENAGE	CLOUD	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07
TEENAGE	VEG. ING	1.19E-01	1.56E+00	9.51E-02	9.51E-02	3.77E-01	0.00E+00
TEENAGE	MEAT ING	1.15E-02	1.59E-01	1.56E-02	1.56E-02	3.42E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.11E+00	1.88E+01	3.59E+01	2.24E-01	5.41E-01	1.16E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.23E+00	1.65E+01	2.98E+01	8.51E-02	9.43E-02	0.00E+00
ADULT	GROUND	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02
ADULT	CLOUD	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07
ADULT	VEG. ING	1.65E-01	2.15E+00	1.31E-01	1.31E-01	5.20E-01	0.00E+00
ADULT	MEAT ING	2.02E-02	2.78E-01	2.73E-02	2.73E-02	5.97E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.43E+00	1.90E+01	2.99E+01	2.55E-01	6.86E-01	1.16E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 25 NAME=SF SSW

X= -6.0KM, Y= 1.3KM, Z= 0.0M, DIST= 6.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.95E+01	1.86E+01	1.43E+02	5.75E-01	5.90E-01	2.14E+01
INFANT	GROUND	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01
INFANT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.98E+01	1.89E+01	1.43E+02	8.15E-01	8.30E-01	2.17E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.02E+01	1.61E+01	6.87E+01	2.42E-01	2.29E-01	2.14E+01
CHILD	GROUND	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01
CHILD	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
CHILD	VEG. ING	7.30E-02	9.52E-01	6.05E-02	6.05E-02	2.30E-01	0.00E+00
CHILD	MEAT ING	7.24E-03	9.94E-02	1.01E-02	1.01E-02	2.14E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.05E+01	1.74E+01	6.90E+01	5.52E-01	7.19E-01	2.17E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.26E+00	1.71E+01	3.58E+01	1.13E-01	1.25E-01	2.14E+01
TEENAGE	GROUND	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01
TEENAGE	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
TEENAGE	VEG. ING	1.21E-01	1.57E+00	9.98E-02	9.98E-02	3.81E-01	0.00E+00
TEENAGE	MEAT ING	1.18E-02	1.61E-01	1.64E-02	1.64E-02	3.48E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.63E+00	1.91E+01	3.61E+01	4.69E-01	7.79E-01	2.17E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.52E+00	1.66E+01	2.98E+01	9.50E-02	9.91E-02	2.14E+01
ADULT	GROUND	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01
ADULT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
ADULT	VEG. ING	1.67E-01	2.17E+00	1.38E-01	1.38E-01	5.26E-01	0.00E+00
ADULT	MEAT ING	2.06E-02	2.82E-01	2.86E-02	2.86E-02	6.07E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.94E+00	1.93E+01	3.02E+01	5.01E-01	9.25E-01	2.17E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 26 NAME=SF SW

X= -6.1KM, Y= 2.5KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.04E+01	3.10E+01	2.38E+02	8.54E-01	9.43E-01	0.00E+00
INFANT	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
INFANT	CLOUD	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.04E+01	3.10E+01	2.38E+02	8.74E-01	9.63E-01	1.93E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.48E+01	2.68E+01	1.14E+02	3.58E-01	3.62E-01	0.00E+00
CHILD	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
CHILD	CLOUD	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07
CHILD	VEG. ING	1.20E-01	1.57E+00	9.61E-02	9.61E-02	3.80E-01	0.00E+00
CHILD	MEAT ING	1.19E-02	1.63E-01	1.61E-02	1.61E-02	3.51E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.50E+01	2.85E+01	1.15E+02	4.89E-01	7.96E-01	1.93E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.29E+00	2.84E+01	5.96E+01	1.69E-01	1.98E-01	0.00E+00
TEENAGE	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
TEENAGE	CLOUD	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07
TEENAGE	VEG. ING	1.99E-01	2.60E+00	1.59E-01	1.59E-01	6.28E-01	0.00E+00
TEENAGE	MEAT ING	1.93E-02	2.65E-01	2.61E-02	2.61E-02	5.69E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.52E+00	3.13E+01	5.99E+01	3.73E-01	9.02E-01	1.93E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.05E+00	2.76E+01	4.96E+01	1.42E-01	1.57E-01	0.00E+00
ADULT	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
ADULT	CLOUD	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07	6.05E-07
ADULT	VEG. ING	2.75E-01	3.59E+00	2.19E-01	2.19E-01	8.67E-01	0.00E+00
ADULT	MEAT ING	3.36E-02	4.63E-01	4.56E-02	4.56E-02	9.95E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.38E+00	3.17E+01	4.99E+01	4.26E-01	1.14E+00	1.93E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 26 NAME=SF SW

X= -6.1KM, Y= 2.5KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.16E+01	3.10E+01	2.38E+02	8.96E-01	9.60E-01	2.03E+01
INFANT	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
INFANT	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.19E+01	3.13E+01	2.39E+02	1.18E+00	1.24E+00	2.06E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.61E+01	2.68E+01	1.14E+02	3.76E-01	3.69E-01	2.03E+01
CHILD	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
CHILD	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
CHILD	VEG. ING	1.21E-01	1.58E+00	9.80E-02	9.80E-02	3.81E-01	0.00E+00
CHILD	MEAT ING	1.19E-02	1.64E-01	1.64E-02	1.64E-02	3.53E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.65E+01	2.88E+01	1.15E+02	7.76E-01	1.07E+00	2.06E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.51E+00	2.85E+01	5.96E+01	1.77E-01	2.02E-01	2.03E+01
TEENAGE	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
TEENAGE	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
TEENAGE	VEG. ING	2.00E-01	2.61E+00	1.62E-01	1.62E-01	6.31E-01	0.00E+00
TEENAGE	MEAT ING	1.94E-02	2.66E-01	2.66E-02	2.66E-02	5.73E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.00E+01	3.16E+01	6.01E+01	6.50E-01	1.17E+00	2.06E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.27E+00	2.76E+01	4.96E+01	1.48E-01	1.60E-01	2.03E+01
ADULT	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
ADULT	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
ADULT	VEG. ING	2.76E-01	3.60E+00	2.23E-01	2.23E-01	8.71E-01	0.00E+00
ADULT	MEAT ING	3.39E-02	4.66E-01	4.64E-02	4.64E-02	1.00E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.86E+00	3.19E+01	5.02E+01	7.03E-01	1.42E+00	2.06E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 27 NAME=SF WSW

X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.62E+01	3.69E+01	2.83E+02	1.02E+00	1.12E+00	0.00E+00
INFANT	GROUND	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02
INFANT	CLOUD	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.62E+01	3.69E+01	2.83E+02	1.04E+00	1.14E+00	2.29E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.76E+01	3.18E+01	1.36E+02	4.25E-01	4.30E-01	0.00E+00
CHILD	GROUND	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02
CHILD	CLOUD	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07
CHILD	VEG. ING	1.43E-01	1.87E+00	1.14E-01	1.14E-01	4.51E-01	0.00E+00
CHILD	MEAT ING	1.41E-02	1.94E-01	1.91E-02	1.91E-02	4.17E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.78E+01	3.39E+01	1.36E+02	5.82E-01	9.46E-01	2.29E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.85E+00	3.38E+01	7.09E+01	2.01E-01	2.35E-01	0.00E+00
TEENAGE	GROUND	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02
TEENAGE	CLOUD	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07
TEENAGE	VEG. ING	2.37E-01	3.09E+00	1.88E-01	1.88E-01	7.46E-01	0.00E+00
TEENAGE	MEAT ING	2.29E-02	3.15E-01	3.10E-02	3.10E-02	6.77E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.01E+01	3.72E+01	7.11E+01	4.43E-01	1.07E+00	2.29E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.38E+00	3.28E+01	5.90E+01	1.69E-01	1.87E-01	0.00E+00
ADULT	GROUND	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02	2.29E-02
ADULT	CLOUD	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07	7.19E-07
ADULT	VEG. ING	3.27E-01	4.26E+00	2.60E-01	2.60E-01	1.03E+00	0.00E+00
ADULT	MEAT ING	4.00E-02	5.50E-01	5.42E-02	5.42E-02	1.18E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.77E+00	3.76E+01	5.93E+01	5.06E-01	1.36E+00	2.29E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/20
DURATION IN YRS IS... 5.0

NUMBER 27 NAME=SF WSW

X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.73E+01	3.69E+01	2.83E+02	1.05E+00	1.13E+00	1.83E+01
INFANT	GROUND	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01
INFANT	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.76E+01	3.72E+01	2.83E+02	1.36E+00	1.44E+00	1.86E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.87E+01	3.18E+01	1.36E+02	4.41E-01	4.36E-01	1.83E+01
CHILD	GROUND	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01
CHILD	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
CHILD	VEG. ING	1.44E-01	1.87E+00	1.16E-01	1.16E-01	4.53E-01	0.00E+00
CHILD	MEAT ING	1.42E-02	1.95E-01	1.93E-02	1.93E-02	4.19E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.92E+01	3.42E+01	1.36E+02	8.81E-01	1.24E+00	1.86E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.09E+01	3.38E+01	7.09E+01	2.07E-01	2.39E-01	1.83E+01
TEENAGE	GROUND	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01
TEENAGE	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
TEENAGE	VEG. ING	2.37E-01	3.10E+00	1.91E-01	1.91E-01	7.48E-01	0.00E+00
TEENAGE	MEAT ING	2.30E-02	3.16E-01	3.14E-02	3.14E-02	6.80E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.15E+01	3.75E+01	7.14E+01	7.34E-01	1.36E+00	1.86E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.47E+00	3.28E+01	5.90E+01	1.74E-01	1.89E-01	1.83E+01
ADULT	GROUND	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01	2.52E-01
ADULT	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
ADULT	VEG. ING	3.28E-01	4.27E+00	2.64E-01	2.64E-01	1.03E+00	0.00E+00
ADULT	MEAT ING	4.02E-02	5.52E-01	5.49E-02	5.49E-02	1.19E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.01E+01	3.79E+01	5.96E+01	7.97E-01	1.65E+00	1.86E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 28 NAME=SF W

X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.97E+01	6.09E+01	4.68E+02	1.68E+00	1.85E+00	0.00E+00
INFANT	GROUND	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02
INFANT	CLOUD	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.98E+01	6.09E+01	4.68E+02	1.72E+00	1.89E+00	3.79E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.91E+01	5.26E+01	2.25E+02	7.02E-01	7.10E-01	0.00E+00
CHILD	GROUND	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02
CHILD	CLOUD	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06
CHILD	VEG. ING	2.36E-01	3.08E+00	1.89E-01	1.89E-01	7.45E-01	0.00E+00
CHILD	MEAT ING	2.33E-02	3.20E-01	3.15E-02	3.15E-02	6.88E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.94E+01	5.60E+01	2.25E+02	9.61E-01	1.56E+00	3.79E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.63E+01	5.58E+01	1.17E+02	3.32E-01	3.89E-01	0.00E+00
TEENAGE	GROUND	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02
TEENAGE	CLOUD	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06
TEENAGE	VEG. ING	3.91E-01	5.10E+00	3.11E-01	3.11E-01	1.23E+00	0.00E+00
TEENAGE	MEAT ING	3.78E-02	5.20E-01	5.12E-02	5.12E-02	1.12E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.67E+01	6.15E+01	1.17E+02	7.32E-01	1.77E+00	3.79E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.38E+01	5.42E+01	9.74E+01	2.78E-01	3.09E-01	0.00E+00
ADULT	GROUND	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02	3.79E-02
ADULT	CLOUD	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06
ADULT	VEG. ING	5.40E-01	7.04E+00	4.30E-01	4.30E-01	1.70E+00	0.00E+00
ADULT	MEAT ING	6.60E-02	9.09E-01	8.95E-02	8.95E-02	1.95E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.45E+01	6.21E+01	9.80E+01	8.36E-01	2.24E+00	3.79E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21 DURATION IN YRS IS... 5.0

NUMBER 28 NAME=SF W

X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.08E+01	6.09E+01	4.68E+02	1.71E+00	1.86E+00	1.83E+01
INFANT	GROUND	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01
INFANT	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.13E+01	6.14E+01	4.68E+02	2.17E+00	2.33E+00	1.88E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.02E+01	5.26E+01	2.25E+02	7.17E-01	7.16E-01	1.83E+01
CHILD	GROUND	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01
CHILD	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
CHILD	VEG. ING	2.37E-01	3.09E+00	1.90E-01	1.90E-01	7.46E-01	0.00E+00
CHILD	MEAT ING	2.33E-02	3.21E-01	3.18E-02	3.18E-02	6.90E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.10E+01	5.65E+01	2.25E+02	1.40E+00	1.99E+00	1.88E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.74E+01	5.58E+01	1.17E+02	3.38E-01	3.92E-01	1.83E+01
TEENAGE	GROUND	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01
TEENAGE	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
TEENAGE	VEG. ING	3.92E-01	5.11E+00	3.14E-01	3.14E-01	1.23E+00	0.00E+00
TEENAGE	MEAT ING	3.79E-02	5.21E-01	5.16E-02	5.16E-02	1.12E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.83E+01	6.19E+01	1.18E+02	1.16E+00	2.20E+00	1.88E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.49E+01	5.42E+01	9.74E+01	2.84E-01	3.11E-01	1.83E+01
ADULT	GROUND	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01
ADULT	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
ADULT	VEG. ING	5.41E-01	7.05E+00	4.33E-01	4.33E-01	1.71E+00	0.00E+00
ADULT	MEAT ING	6.62E-02	9.11E-01	9.02E-02	9.02E-02	1.96E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.60E+01	6.26E+01	9.84E+01	1.27E+00	2.67E+00	1.88E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 29 NAME=SF WNW

X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.19E+02	2.23E+02	1.71E+03	6.14E+00	6.78E+00	0.00E+00
INFANT	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
INFANT	CLOUD	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.19E+02	2.23E+02	1.71E+03	6.28E+00	6.92E+00	1.39E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.07E+02	1.93E+02	8.23E+02	2.57E+00	2.60E+00	0.00E+00
CHILD	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
CHILD	CLOUD	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06
CHILD	VEG. ING	8.66E-01	1.13E+01	6.91E-01	6.91E-01	2.73E+00	0.00E+00
CHILD	MEAT ING	8.53E-02	1.17E+00	1.16E-01	1.16E-01	2.52E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.08E+02	2.05E+02	8.24E+02	3.52E+00	5.72E+00	1.39E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.96E+01	2.05E+02	4.29E+02	1.21E+00	1.42E+00	0.00E+00
TEENAGE	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
TEENAGE	CLOUD	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06
TEENAGE	VEG. ING	1.43E+00	1.87E+01	1.14E+00	1.14E+00	4.52E+00	0.00E+00
TEENAGE	MEAT ING	1.38E-01	1.90E+00	1.88E-01	1.88E-01	4.09E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.13E+01	2.25E+02	4.30E+02	2.68E+00	6.49E+00	1.39E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.07E+01	1.98E+02	3.57E+02	1.02E+00	1.13E+00	0.00E+00
ADULT	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
ADULT	CLOUD	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06	4.35E-06
ADULT	VEG. ING	1.98E+00	2.58E+01	1.57E+00	1.57E+00	6.24E+00	0.00E+00
ADULT	MEAT ING	2.42E-01	3.33E+00	3.28E-01	3.28E-01	7.15E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.30E+01	2.28E+02	3.59E+02	3.06E+00	8.22E+00	1.39E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 29 NAME=SF WNW

X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.20E+02	2.23E+02	1.71E+03	6.17E+00	6.79E+00	2.46E+01
INFANT	GROUND	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00
INFANT	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.22E+02	2.25E+02	1.71E+03	7.73E+00	8.35E+00	2.61E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.08E+02	1.93E+02	8.23E+02	2.59E+00	2.61E+00	2.46E+01
CHILD	GROUND	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00
CHILD	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
CHILD	VEG. ING	8.66E-01	1.13E+01	6.93E-01	6.93E-01	2.73E+00	0.00E+00
CHILD	MEAT ING	8.53E-02	1.17E+00	1.16E-01	1.16E-01	2.52E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+02	2.07E+02	8.25E+02	4.95E+00	7.14E+00	2.61E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.10E+01	2.05E+02	4.29E+02	1.22E+00	1.43E+00	2.46E+01
TEENAGE	GROUND	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00
TEENAGE	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
TEENAGE	VEG. ING	1.43E+00	1.87E+01	1.14E+00	1.14E+00	4.52E+00	0.00E+00
TEENAGE	MEAT ING	1.39E-01	1.91E+00	1.88E-01	1.88E-01	4.10E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.42E+01	2.27E+02	4.32E+02	4.10E+00	7.91E+00	2.61E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.21E+01	1.98E+02	3.57E+02	1.02E+00	1.13E+00	2.46E+01
ADULT	GROUND	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00
ADULT	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
ADULT	VEG. ING	1.98E+00	2.58E+01	1.58E+00	1.58E+00	6.24E+00	0.00E+00
ADULT	MEAT ING	2.42E-01	3.33E+00	3.28E-01	3.28E-01	7.16E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.59E+01	2.29E+02	3.60E+02	4.48E+00	9.64E+00	2.61E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NUMBER 30 NAME=SF NW

X= -5.2KM, Y= 3.8KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.25E+02	2.29E+02	1.76E+03	6.32E+00	6.97E+00	0.00E+00
INFANT	GROUND	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01
INFANT	CLOUD	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.25E+02	2.29E+02	1.76E+03	6.46E+00	7.12E+00	1.43E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.10E+02	1.98E+02	8.46E+02	2.65E+00	2.67E+00	0.00E+00
CHILD	GROUND	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01
CHILD	CLOUD	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06
CHILD	VEG. ING	8.90E-01	1.16E+01	7.11E-01	7.11E-01	2.81E+00	0.00E+00
CHILD	MEAT ING	8.77E-02	1.21E+00	1.19E-01	1.19E-01	2.59E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+02	2.11E+02	8.47E+02	3.62E+00	5.88E+00	1.43E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.12E+01	2.10E+02	4.41E+02	1.25E+00	1.46E+00	0.00E+00
TEENAGE	GROUND	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01
TEENAGE	CLOUD	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06
TEENAGE	VEG. ING	1.47E+00	1.92E+01	1.17E+00	1.17E+00	4.64E+00	0.00E+00
TEENAGE	MEAT ING	1.42E-01	1.96E+00	1.93E-01	1.93E-01	4.21E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.30E+01	2.32E+02	4.42E+02	2.76E+00	6.67E+00	1.43E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.21E+01	2.04E+02	3.67E+02	1.05E+00	1.16E+00	0.00E+00
ADULT	GROUND	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01
ADULT	CLOUD	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06	4.47E-06
ADULT	VEG. ING	2.03E+00	2.65E+01	1.62E+00	1.62E+00	6.41E+00	0.00E+00
ADULT	MEAT ING	2.49E-01	3.42E+00	3.37E-01	3.37E-01	7.36E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.45E+01	2.34E+02	3.69E+02	3.15E+00	8.45E+00	1.43E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 30 NAME=SF NW

X= -5.2KM, Y= 3.8KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.27E+02	2.29E+02	1.76E+03	6.35E+00	6.98E+00	3.04E+01
INFANT	GROUND	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00
INFANT	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.28E+02	2.31E+02	1.76E+03	7.94E+00	8.58E+00	3.20E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.12E+02	1.98E+02	8.46E+02	2.66E+00	2.68E+00	3.04E+01
CHILD	GROUND	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00
CHILD	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
CHILD	VEG. ING	8.90E-01	1.16E+01	7.12E-01	7.12E-01	2.81E+00	0.00E+00
CHILD	MEAT ING	8.77E-02	1.21E+00	1.19E-01	1.19E-01	2.59E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.14E+02	2.12E+02	8.48E+02	5.08E+00	7.34E+00	3.20E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.31E+01	2.10E+02	4.41E+02	1.25E+00	1.47E+00	3.04E+01
TEENAGE	GROUND	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00
TEENAGE	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
TEENAGE	VEG. ING	1.47E+00	1.92E+01	1.17E+00	1.17E+00	4.64E+00	0.00E+00
TEENAGE	MEAT ING	1.42E-01	1.96E+00	1.93E-01	1.93E-01	4.21E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.63E+01	2.33E+02	4.44E+02	4.22E+00	8.13E+00	3.20E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.39E+01	2.04E+02	3.67E+02	1.05E+00	1.16E+00	3.04E+01
ADULT	GROUND	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00	1.56E+00
ADULT	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
ADULT	VEG. ING	2.03E+00	2.65E+01	1.62E+00	1.62E+00	6.41E+00	0.00E+00
ADULT	MEAT ING	2.49E-01	3.42E+00	3.38E-01	3.38E-01	7.36E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.78E+01	2.36E+02	3.70E+02	4.61E+00	9.91E+00	3.20E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 31 NAME=SF NNW

X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.20E+02	2.24E+02	1.72E+03	6.17E+00	6.81E+00	0.00E+00
INFANT	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
INFANT	CLOUD	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.20E+02	2.24E+02	1.72E+03	6.31E+00	6.95E+00	1.39E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.07E+02	1.93E+02	8.26E+02	2.58E+00	2.61E+00	0.00E+00
CHILD	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
CHILD	CLOUD	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06
CHILD	VEG. ING	8.69E-01	1.13E+01	6.94E-01	6.94E-01	2.74E+00	0.00E+00
CHILD	MEAT ING	8.56E-02	1.18E+00	1.16E-01	1.16E-01	2.53E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.08E+02	2.06E+02	8.27E+02	3.53E+00	5.74E+00	1.39E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.98E+01	2.05E+02	4.30E+02	1.22E+00	1.43E+00	0.00E+00
TEENAGE	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
TEENAGE	CLOUD	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06
TEENAGE	VEG. ING	1.44E+00	1.87E+01	1.14E+00	1.14E+00	4.53E+00	0.00E+00
TEENAGE	MEAT ING	1.39E-01	1.91E+00	1.88E-01	1.88E-01	4.11E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.15E+01	2.26E+02	4.32E+02	2.69E+00	6.51E+00	1.39E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.09E+01	1.99E+02	3.58E+02	1.02E+00	1.13E+00	0.00E+00
ADULT	GROUND	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
ADULT	CLOUD	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06	4.36E-06
ADULT	VEG. ING	1.98E+00	2.59E+01	1.58E+00	1.58E+00	6.26E+00	0.00E+00
ADULT	MEAT ING	2.43E-01	3.34E+00	3.29E-01	3.29E-01	7.18E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.32E+01	2.28E+02	3.60E+02	3.07E+00	8.25E+00	1.39E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21 DURATION IN YRS IS... 5.0

NUMBER 31 NAME=SF NNW

X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.21E+02	2.24E+02	1.72E+03	6.20E+00	6.82E+00	3.09E+01
INFANT	GROUND	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00
INFANT	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.23E+02	2.25E+02	1.72E+03	7.76E+00	8.38E+00	3.24E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.09E+02	1.93E+02	8.26E+02	2.60E+00	2.62E+00	3.09E+01
CHILD	GROUND	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00
CHILD	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
CHILD	VEG. ING	8.69E-01	1.13E+01	6.95E-01	6.95E-01	2.74E+00	0.00E+00
CHILD	MEAT ING	8.56E-02	1.18E+00	1.16E-01	1.16E-01	2.53E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+02	2.07E+02	8.28E+02	4.97E+00	7.17E+00	3.24E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.16E+01	2.05E+02	4.30E+02	1.22E+00	1.43E+00	3.09E+01
TEENAGE	GROUND	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00
TEENAGE	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
TEENAGE	VEG. ING	1.44E+00	1.88E+01	1.15E+00	1.15E+00	4.53E+00	0.00E+00
TEENAGE	MEAT ING	1.39E-01	1.91E+00	1.89E-01	1.89E-01	4.11E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.48E+01	2.27E+02	4.33E+02	4.12E+00	7.94E+00	3.24E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.27E+01	1.99E+02	3.58E+02	1.03E+00	1.14E+00	3.09E+01
ADULT	GROUND	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00	1.52E+00
ADULT	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
ADULT	VEG. ING	1.98E+00	2.59E+01	1.58E+00	1.58E+00	6.26E+00	0.00E+00
ADULT	MEAT ING	2.43E-01	3.34E+00	3.30E-01	3.30E-01	7.18E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.65E+01	2.30E+02	3.62E+02	4.51E+00	9.68E+00	3.24E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/2
DURATION IN YRS IS... 5.0

NUMBER 32 NAME=SF ESE

X= -2.8KM, Y= 2.6KM, Z= 0.0M, DIST= 3.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.68E+01	3.75E+01	2.88E+02	1.03E+00	1.14E+00	0.00E+00
INFANT	GROUND	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02
INFANT	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.68E+01	3.75E+01	2.88E+02	1.06E+00	1.16E+00	2.34E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.80E+01	3.24E+01	1.39E+02	4.33E-01	4.38E-01	0.00E+00
CHILD	GROUND	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02
CHILD	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
CHILD	VEG. ING	1.46E-01	1.90E+00	1.16E-01	1.16E-01	4.59E-01	0.00E+00
CHILD	MEAT ING	1.43E-02	1.97E-01	1.94E-02	1.94E-02	4.24E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.81E+01	3.45E+01	1.39E+02	5.92E-01	9.63E-01	2.34E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.00E+01	3.44E+01	7.22E+01	2.04E-01	2.40E-01	0.00E+00
TEENAGE	GROUND	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02
TEENAGE	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
TEENAGE	VEG. ING	2.41E-01	3.14E+00	1.92E-01	1.92E-01	7.60E-01	0.00E+00
TEENAGE	MEAT ING	2.33E-02	3.20E-01	3.15E-02	3.15E-02	6.89E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.03E+01	3.79E+01	7.24E+01	4.51E-01	1.09E+00	2.34E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.53E+00	3.34E+01	6.01E+01	1.72E-01	1.90E-01	0.00E+00
ADULT	GROUND	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02	2.34E-02
ADULT	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
ADULT	VEG. ING	3.33E-01	4.34E+00	2.65E-01	2.65E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	4.07E-02	5.60E-01	5.51E-02	5.51E-02	1.20E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.93E+00	3.83E+01	6.04E+01	5.15E-01	1.38E+00	2.34E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21 DURATION IN YRS IS... 5.0

NUMBER 32 NAME=SF ESE

X= -2.8KM, Y= 2.6KM, Z= 0.0M, DIST= 3.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.98E+01	3.75E+01	2.88E+02	1.07E+00	1.16E+00	5.03E+01
INFANT	GROUND	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01
INFANT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.02E+01	3.79E+01	2.89E+02	1.45E+00	1.54E+00	5.06E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.10E+01	3.24E+01	1.39E+02	4.50E-01	4.45E-01	5.03E+01
CHILD	GROUND	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01
CHILD	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
CHILD	VEG. ING	1.46E-01	1.91E+00	1.18E-01	1.18E-01	4.61E-01	0.00E+00
CHILD	MEAT ING	1.44E-02	1.98E-01	1.97E-02	1.97E-02	4.27E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.15E+01	3.49E+01	1.39E+02	9.68E-01	1.33E+00	5.06E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.30E+01	3.44E+01	7.22E+01	2.12E-01	2.43E-01	5.03E+01
TEENAGE	GROUND	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01
TEENAGE	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
TEENAGE	VEG. ING	2.42E-01	3.15E+00	1.95E-01	1.95E-01	7.62E-01	0.00E+00
TEENAGE	MEAT ING	2.34E-02	3.22E-01	3.20E-02	3.20E-02	6.93E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.37E+01	3.83E+01	7.28E+01	8.19E-01	1.46E+00	5.06E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.15E+01	3.34E+01	6.01E+01	1.78E-01	1.93E-01	5.03E+01
ADULT	GROUND	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01
ADULT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
ADULT	VEG. ING	3.34E-01	4.35E+00	2.69E-01	2.69E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	4.09E-02	5.63E-01	5.59E-02	5.59E-02	1.21E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.23E+01	3.87E+01	6.08E+01	8.83E-01	1.75E+00	5.06E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.04E+01	3.08E+01	2.38E+02	8.50E-01	9.40E-01	0.00E+00
INFANT	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
INFANT	CLOUD	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.04E+01	3.09E+01	2.38E+02	8.69E-01	9.59E-01	1.93E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.48E+01	2.66E+01	1.14E+02	3.56E-01	3.60E-01	0.00E+00
CHILD	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
CHILD	CLOUD	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07
CHILD	VEG. ING	1.20E-01	1.57E+00	9.56E-02	9.56E-02	3.79E-01	0.00E+00
CHILD	MEAT ING	1.18E-02	1.62E-01	1.60E-02	1.60E-02	3.50E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.50E+01	2.84E+01	1.14E+02	4.87E-01	7.94E-01	1.93E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.26E+00	2.83E+01	5.95E+01	1.68E-01	1.97E-01	0.00E+00
TEENAGE	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
TEENAGE	CLOUD	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07
TEENAGE	VEG. ING	1.98E-01	2.59E+00	1.58E-01	1.58E-01	6.27E-01	0.00E+00
TEENAGE	MEAT ING	1.92E-02	2.64E-01	2.59E-02	2.59E-02	5.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.50E+00	3.12E+01	5.97E+01	3.71E-01	9.00E-01	1.93E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.03E+00	2.74E+01	4.95E+01	1.41E-01	1.57E-01	0.00E+00
ADULT	GROUND	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
ADULT	CLOUD	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07	6.04E-07
ADULT	VEG. ING	2.74E-01	3.57E+00	2.18E-01	2.18E-01	8.65E-01	0.00E+00
ADULT	MEAT ING	3.35E-02	4.61E-01	4.53E-02	4.53E-02	9.92E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.36E+00	3.15E+01	4.98E+01	4.23E-01	1.14E+00	1.93E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.20E+01	3.09E+01	2.38E+02	9.19E-01	9.67E-01	2.75E+01
INFANT	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
INFANT	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.23E+01	3.11E+01	2.38E+02	1.21E+00	1.25E+00	2.78E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.65E+01	2.66E+01	1.14E+02	3.87E-01	3.73E-01	2.75E+01
CHILD	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
CHILD	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
CHILD	VEG. ING	1.21E-01	1.58E+00	9.87E-02	9.87E-02	3.81E-01	0.00E+00
CHILD	MEAT ING	1.20E-02	1.64E-01	1.65E-02	1.65E-02	3.54E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.69E+01	2.87E+01	1.15E+02	7.90E-01	1.08E+00	2.78E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.91E+00	2.83E+01	5.95E+01	1.81E-01	2.04E-01	2.75E+01
TEENAGE	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
TEENAGE	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
TEENAGE	VEG. ING	2.00E-01	2.61E+00	1.63E-01	1.63E-01	6.31E-01	0.00E+00
TEENAGE	MEAT ING	1.94E-02	2.66E-01	2.67E-02	2.67E-02	5.74E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.04E+01	3.15E+01	6.00E+01	6.59E-01	1.18E+00	2.78E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.68E+00	2.74E+01	4.95E+01	1.52E-01	1.62E-01	2.75E+01
ADULT	GROUND	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01	2.12E-01
ADULT	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
ADULT	VEG. ING	2.76E-01	3.60E+00	2.25E-01	2.25E-01	8.71E-01	0.00E+00
ADULT	MEAT ING	3.39E-02	4.66E-01	4.67E-02	4.67E-02	1.00E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.28E+00	3.18E+01	5.01E+01	7.12E-01	1.42E+00	2.78E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.43E+01	3.49E+01	2.69E+02	9.62E-01	1.06E+00	0.00E+00
INFANT	GROUND	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02
INFANT	CLOUD	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.43E+01	3.49E+01	2.69E+02	9.84E-01	1.08E+00	2.18E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.67E+01	3.02E+01	1.29E+02	4.03E-01	4.08E-01	0.00E+00
CHILD	GROUND	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02
CHILD	CLOUD	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07
CHILD	VEG. ING	1.36E-01	1.77E+00	1.08E-01	1.08E-01	4.28E-01	0.00E+00
CHILD	MEAT ING	1.34E-02	1.84E-01	1.81E-02	1.81E-02	3.95E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.69E+01	3.21E+01	1.29E+02	5.51E-01	8.97E-01	2.18E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.34E+00	3.20E+01	6.73E+01	1.90E-01	2.23E-01	0.00E+00
TEENAGE	GROUND	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02
TEENAGE	CLOUD	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07
TEENAGE	VEG. ING	2.24E-01	2.93E+00	1.79E-01	1.79E-01	7.08E-01	0.00E+00
TEENAGE	MEAT ING	2.17E-02	2.98E-01	2.94E-02	2.94E-02	6.42E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.61E+00	3.53E+01	6.75E+01	4.20E-01	1.02E+00	2.18E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.95E+00	3.11E+01	5.60E+01	1.60E-01	1.77E-01	0.00E+00
ADULT	GROUND	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02
ADULT	CLOUD	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07
ADULT	VEG. ING	3.10E-01	4.04E+00	2.47E-01	2.47E-01	9.78E-01	0.00E+00
ADULT	MEAT ING	3.79E-02	5.22E-01	5.13E-02	5.13E-02	1.12E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.32E+00	3.56E+01	5.63E+01	4.79E-01	1.29E+00	2.18E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.62E+01	3.49E+01	2.69E+02	1.03E+00	1.09E+00	3.17E+01
INFANT	GROUND	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01
INFANT	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.66E+01	3.53E+01	2.69E+02	1.42E+00	1.48E+00	3.20E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.86E+01	3.02E+01	1.29E+02	4.35E-01	4.21E-01	3.17E+01
CHILD	GROUND	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01
CHILD	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
CHILD	VEG. ING	1.37E-01	1.78E+00	1.12E-01	1.12E-01	4.31E-01	0.00E+00
CHILD	MEAT ING	1.35E-02	1.86E-01	1.86E-02	1.86E-02	4.00E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.92E+01	3.25E+01	1.30E+02	9.52E-01	1.28E+00	3.20E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+01	3.21E+01	6.73E+01	2.04E-01	2.30E-01	3.17E+01
TEENAGE	GROUND	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01
TEENAGE	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
TEENAGE	VEG. ING	2.26E-01	2.95E+00	1.84E-01	1.84E-01	7.13E-01	0.00E+00
TEENAGE	MEAT ING	2.19E-02	3.01E-01	3.02E-02	3.02E-02	6.49E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.19E+01	3.57E+01	6.79E+01	8.05E-01	1.39E+00	3.20E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.85E+00	3.11E+01	5.60E+01	1.71E-01	1.83E-01	3.17E+01
ADULT	GROUND	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01	2.40E-01
ADULT	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
ADULT	VEG. ING	3.12E-01	4.07E+00	2.54E-01	2.54E-01	9.84E-01	0.00E+00
ADULT	MEAT ING	3.83E-02	5.27E-01	5.28E-02	5.28E-02	1.13E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.06E+01	3.61E+01	5.67E+01	8.65E-01	1.67E+00	3.20E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 35 NAME=BC Ranch X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.37E+01	2.42E+01	1.86E+02	6.66E-01	7.36E-01	0.00E+00
INFANT	GROUND	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02
INFANT	CLOUD	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.38E+01	2.42E+01	1.86E+02	6.82E-01	7.51E-01	1.51E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.16E+01	2.09E+01	8.93E+01	2.79E-01	2.82E-01	0.00E+00
CHILD	GROUND	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02
CHILD	CLOUD	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07
CHILD	VEG. ING	9.39E-02	1.23E+00	7.50E-02	7.50E-02	2.96E-01	0.00E+00
CHILD	MEAT ING	9.25E-03	1.27E-01	1.25E-02	1.25E-02	2.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.17E+01	2.23E+01	8.94E+01	3.82E-01	6.21E-01	1.51E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.46E+00	2.22E+01	4.65E+01	1.32E-01	1.55E-01	0.00E+00
TEENAGE	GROUND	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02
TEENAGE	CLOUD	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07
TEENAGE	VEG. ING	1.55E-01	2.03E+00	1.24E-01	1.24E-01	4.90E-01	0.00E+00
TEENAGE	MEAT ING	1.50E-02	2.07E-01	2.03E-02	2.03E-02	4.44E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.65E+00	2.44E+01	4.67E+01	2.91E-01	7.04E-01	1.51E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.50E+00	2.15E+01	3.87E+01	1.11E-01	1.23E-01	0.00E+00
ADULT	GROUND	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02
ADULT	CLOUD	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07	4.72E-07
ADULT	VEG. ING	2.14E-01	2.80E+00	1.71E-01	1.71E-01	6.77E-01	0.00E+00
ADULT	MEAT ING	2.62E-02	3.61E-01	3.56E-02	3.56E-02	7.76E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.75E+00	2.47E+01	3.89E+01	3.32E-01	8.92E-01	1.51E-02

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 35 NAME=BC Ranch

X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.45E+01	2.42E+01	1.86E+02	7.04E-01	7.51E-01	1.28E+01
INFANT	GROUND	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
INFANT	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.47E+01	2.44E+01	1.86E+02	9.17E-01	9.64E-01	1.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.23E+01	2.09E+01	8.93E+01	2.96E-01	2.89E-01	1.28E+01
CHILD	GROUND	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
CHILD	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
CHILD	VEG. ING	9.44E-02	1.23E+00	7.67E-02	7.67E-02	2.98E-01	0.00E+00
CHILD	MEAT ING	9.33E-03	1.28E-01	1.28E-02	1.28E-02	2.76E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.27E+01	2.25E+01	8.96E+01	5.99E-01	8.28E-01	1.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.23E+00	2.22E+01	4.65E+01	1.39E-01	1.58E-01	1.28E+01
TEENAGE	GROUND	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
TEENAGE	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
TEENAGE	VEG. ING	1.56E-01	2.04E+00	1.26E-01	1.26E-01	4.92E-01	0.00E+00
TEENAGE	MEAT ING	1.51E-02	2.08E-01	2.08E-02	2.08E-02	4.48E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.62E+00	2.47E+01	4.69E+01	5.00E-01	9.08E-01	1.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.27E+00	2.15E+01	3.87E+01	1.17E-01	1.25E-01	1.28E+01
ADULT	GROUND	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
ADULT	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
ADULT	VEG. ING	2.16E-01	2.81E+00	1.75E-01	1.75E-01	6.80E-01	0.00E+00
ADULT	MEAT ING	2.65E-02	3.64E-01	3.63E-02	3.63E-02	7.83E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.72E+00	2.49E+01	3.91E+01	5.41E-01	1.10E+00	1.30E+01

1REGION: D Burdock
METSET: 1

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.39E+00	9.56E+00	7.35E+01	2.63E-01	2.91E-01	0.00E+00
INFANT	GROUND	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03
INFANT	CLOUD	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.39E+00	9.57E+00	7.35E+01	2.69E-01	2.97E-01	5.95E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.58E+00	8.26E+00	3.53E+01	1.10E-01	1.12E-01	0.00E+00
CHILD	GROUND	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03
CHILD	CLOUD	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07
CHILD	VEG. ING	3.71E-02	4.84E-01	2.96E-02	2.96E-02	1.17E-01	0.00E+00
CHILD	MEAT ING	3.66E-03	5.03E-02	4.95E-03	4.95E-03	1.08E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.63E+00	8.80E+00	3.54E+01	1.51E-01	2.45E-01	5.95E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.56E+00	8.77E+00	1.84E+01	5.21E-02	6.11E-02	0.00E+00
TEENAGE	GROUND	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03
TEENAGE	CLOUD	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07
TEENAGE	VEG. ING	6.14E-02	8.01E-01	4.89E-02	4.89E-02	1.94E-01	0.00E+00
TEENAGE	MEAT ING	5.94E-03	8.17E-02	8.04E-03	8.04E-03	1.76E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.63E+00	9.66E+00	1.85E+01	1.15E-01	2.78E-01	5.95E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.17E+00	8.51E+00	1.53E+01	4.37E-02	4.85E-02	0.00E+00
ADULT	GROUND	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03	5.95E-03
ADULT	CLOUD	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07	1.87E-07
ADULT	VEG. ING	8.48E-02	1.11E+00	6.75E-02	6.75E-02	2.68E-01	0.00E+00
ADULT	MEAT ING	1.04E-02	1.43E-01	1.41E-02	1.41E-02	3.07E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.28E+00	9.76E+00	1.54E+01	1.31E-01	3.53E-01	5.95E-03

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.96E+00	9.58E+00	7.35E+01	3.28E-01	3.16E-01	9.47E+00
INFANT	GROUND	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02
INFANT	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.01E+01	9.70E+00	7.36E+01	4.56E-01	4.44E-01	9.59E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.15E+00	8.27E+00	3.53E+01	1.39E-01	1.23E-01	9.47E+00
CHILD	GROUND	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02
CHILD	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
CHILD	VEG. ING	3.80E-02	4.94E-01	3.26E-02	3.26E-02	1.20E-01	0.00E+00
CHILD	MEAT ING	3.79E-03	5.19E-02	5.42E-03	5.42E-03	1.12E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	5.32E+00	8.94E+00	3.55E+01	3.05E-01	3.82E-01	9.59E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.13E+00	8.79E+00	1.84E+01	6.45E-02	6.71E-02	9.47E+00
TEENAGE	GROUND	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02
TEENAGE	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
TEENAGE	VEG. ING	6.28E-02	8.18E-01	5.37E-02	5.37E-02	1.98E-01	0.00E+00
TEENAGE	MEAT ING	6.16E-03	8.42E-02	8.80E-03	8.80E-03	1.82E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.32E+00	9.82E+00	1.86E+01	2.55E-01	4.11E-01	9.59E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.74E+00	8.52E+00	1.53E+01	5.41E-02	5.34E-02	9.47E+00
ADULT	GROUND	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02	6.58E-02
ADULT	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
ADULT	VEG. ING	8.67E-02	1.13E+00	7.42E-02	7.42E-02	2.73E-01	0.00E+00
ADULT	MEAT ING	1.08E-02	1.47E-01	1.54E-02	1.54E-02	3.18E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.97E+00	9.92E+00	1.55E+01	2.71E-01	4.86E-01	9.59E+00

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.06E+01	2.09E+01	1.61E+02	5.76E-01	6.37E-01	0.00E+00
INFANT	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
INFANT	CLOUD	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.06E+01	2.09E+01	1.61E+02	5.89E-01	6.50E-01	1.30E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.00E+01	1.81E+01	7.74E+01	2.41E-01	2.44E-01	0.00E+00
CHILD	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
CHILD	CLOUD	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07
CHILD	VEG. ING	8.13E-02	1.06E+00	6.48E-02	6.48E-02	2.57E-01	0.00E+00
CHILD	MEAT ING	8.01E-03	1.10E-01	1.08E-02	1.08E-02	2.37E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.01E+01	1.92E+01	7.75E+01	3.30E-01	5.38E-01	1.30E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.60E+00	1.92E+01	4.03E+01	1.14E-01	1.34E-01	0.00E+00
TEENAGE	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
TEENAGE	CLOUD	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07
TEENAGE	VEG. ING	1.34E-01	1.75E+00	1.07E-01	1.07E-01	4.25E-01	0.00E+00
TEENAGE	MEAT ING	1.30E-02	1.79E-01	1.76E-02	1.76E-02	3.85E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.76E+00	2.11E+01	4.05E+01	2.51E-01	6.10E-01	1.30E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.76E+00	1.86E+01	3.36E+01	9.56E-02	1.06E-01	0.00E+00
ADULT	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
ADULT	CLOUD	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07
ADULT	VEG. ING	1.86E-01	2.42E+00	1.48E-01	1.48E-01	5.86E-01	0.00E+00
ADULT	MEAT ING	2.27E-02	3.13E-01	3.07E-02	3.07E-02	6.72E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.98E+00	2.13E+01	3.37E+01	2.87E-01	7.73E-01	1.30E-02

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.21E+01	2.10E+01	1.61E+02	8.25E-01	7.33E-01	2.53E+01
INFANT	GROUND	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01
INFANT	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.24E+01	2.13E+01	1.61E+02	1.15E+00	1.06E+00	2.56E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.16E+01	1.81E+01	7.74E+01	3.52E-01	2.90E-01	2.53E+01
CHILD	GROUND	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01
CHILD	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
CHILD	VEG. ING	8.46E-02	1.10E+00	7.60E-02	7.60E-02	2.66E-01	0.00E+00
CHILD	MEAT ING	8.52E-03	1.16E-01	1.26E-02	1.26E-02	2.51E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.20E+01	1.96E+01	7.78E+01	7.70E-01	9.10E-01	2.56E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.12E+00	1.93E+01	4.03E+01	1.61E-01	1.57E-01	2.53E+01
TEENAGE	GROUND	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01
TEENAGE	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
TEENAGE	VEG. ING	1.40E-01	1.82E+00	1.25E-01	1.25E-01	4.40E-01	0.00E+00
TEENAGE	MEAT ING	1.38E-02	1.89E-01	2.05E-02	2.05E-02	4.08E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.61E+00	2.16E+01	4.08E+01	6.37E-01	9.67E-01	2.56E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.29E+00	1.87E+01	3.36E+01	1.35E-01	1.25E-01	2.53E+01
ADULT	GROUND	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01
ADULT	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
ADULT	VEG. ING	1.93E-01	2.51E+00	1.73E-01	1.73E-01	6.07E-01	0.00E+00
ADULT	MEAT ING	2.42E-02	3.30E-01	3.58E-02	3.58E-02	7.13E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.83E+00	2.18E+01	3.41E+01	6.74E-01	1.13E+00	2.56E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.88E+01	1.92E+01	1.47E+02	5.28E-01	5.83E-01	0.00E+00
INFANT	GROUND	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02
INFANT	CLOUD	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.88E+01	1.92E+01	1.47E+02	5.40E-01	5.95E-01	1.19E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.18E+00	1.65E+01	7.08E+01	2.21E-01	2.24E-01	0.00E+00
CHILD	GROUND	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02
CHILD	CLOUD	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07
CHILD	VEG. ING	7.44E-02	9.71E-01	5.94E-02	5.94E-02	2.35E-01	0.00E+00
CHILD	MEAT ING	7.33E-03	1.01E-01	9.92E-03	9.92E-03	2.17E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.27E+00	1.76E+01	7.09E+01	3.02E-01	4.92E-01	1.19E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.12E+00	1.76E+01	3.69E+01	1.04E-01	1.22E-01	0.00E+00
TEENAGE	GROUND	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02
TEENAGE	CLOUD	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07
TEENAGE	VEG. ING	1.23E-01	1.61E+00	9.79E-02	9.79E-02	3.88E-01	0.00E+00
TEENAGE	MEAT ING	1.19E-02	1.64E-01	1.61E-02	1.61E-02	3.52E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.27E+00	1.93E+01	3.70E+01	2.30E-01	5.58E-01	1.19E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.36E+00	1.70E+01	3.07E+01	8.76E-02	9.72E-02	0.00E+00
ADULT	GROUND	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02
ADULT	CLOUD	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07	3.74E-07
ADULT	VEG. ING	1.70E-01	2.22E+00	1.35E-01	1.35E-01	5.36E-01	0.00E+00
ADULT	MEAT ING	2.08E-02	2.86E-01	2.81E-02	2.81E-02	6.15E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.56E+00	1.96E+01	3.09E+01	2.63E-01	7.07E-01	1.19E-02

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.02E+01	1.92E+01	1.47E+02	6.92E-01	6.47E-01	2.36E+01
INFANT	GROUND	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01
INFANT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.05E+01	1.95E+01	1.48E+02	9.87E-01	9.41E-01	2.39E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.06E+01	1.66E+01	7.08E+01	2.94E-01	2.54E-01	2.36E+01
CHILD	GROUND	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01
CHILD	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
CHILD	VEG. ING	7.66E-02	9.96E-01	6.68E-02	6.68E-02	2.41E-01	0.00E+00
CHILD	MEAT ING	7.67E-03	1.05E-01	1.11E-02	1.11E-02	2.26E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.10E+01	1.80E+01	7.12E+01	6.66E-01	8.12E-01	2.39E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.55E+00	1.76E+01	3.69E+01	1.36E-01	1.38E-01	2.36E+01
TEENAGE	GROUND	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01
TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
TEENAGE	VEG. ING	1.27E-01	1.65E+00	1.10E-01	1.10E-01	3.98E-01	0.00E+00
TEENAGE	MEAT ING	1.25E-02	1.70E-01	1.80E-02	1.80E-02	3.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.98E+00	1.97E+01	3.73E+01	5.58E-01	8.67E-01	2.39E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.78E+00	1.71E+01	3.07E+01	1.14E-01	1.10E-01	2.36E+01
ADULT	GROUND	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01
ADULT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
ADULT	VEG. ING	1.75E-01	2.27E+00	1.52E-01	1.52E-01	5.50E-01	0.00E+00
ADULT	MEAT ING	2.18E-02	2.97E-01	3.15E-02	3.15E-02	6.43E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.27E+00	1.99E+01	3.12E+01	5.92E-01	1.02E+00	2.39E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.28E+01	1.31E+01	1.01E+02	3.60E-01	3.97E-01	0.00E+00
INFANT	GROUND	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03
INFANT	CLOUD	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.28E+01	1.31E+01	1.01E+02	3.68E-01	4.06E-01	8.14E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.26E+00	1.13E+01	4.83E+01	1.51E-01	1.52E-01	0.00E+00
CHILD	GROUND	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03
CHILD	CLOUD	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07
CHILD	VEG. ING	5.07E-02	6.62E-01	4.05E-02	4.05E-02	1.60E-01	0.00E+00
CHILD	MEAT ING	5.00E-03	6.88E-02	6.76E-03	6.76E-03	1.48E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.32E+00	1.20E+01	4.83E+01	2.06E-01	3.36E-01	8.14E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.49E+00	1.20E+01	2.52E+01	7.11E-02	8.35E-02	0.00E+00
TEENAGE	GROUND	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03
TEENAGE	CLOUD	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07
TEENAGE	VEG. ING	8.39E-02	1.10E+00	6.67E-02	6.67E-02	2.65E-01	0.00E+00
TEENAGE	MEAT ING	8.11E-03	1.12E-01	1.10E-02	1.10E-02	2.40E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.59E+00	1.32E+01	2.52E+01	1.57E-01	3.81E-01	8.14E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.97E+00	1.16E+01	2.09E+01	5.97E-02	6.62E-02	0.00E+00
ADULT	GROUND	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03	8.14E-03
ADULT	CLOUD	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07	2.55E-07
ADULT	VEG. ING	1.16E-01	1.51E+00	9.22E-02	9.22E-02	3.66E-01	0.00E+00
ADULT	MEAT ING	1.42E-02	1.95E-01	1.92E-02	1.92E-02	4.20E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.11E+00	1.33E+01	2.11E+01	1.79E-01	4.82E-01	8.14E-03

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.41E+01	1.31E+01	1.01E+02	6.50E-01	5.10E-01	2.13E+01
INFANT	GROUND	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02
INFANT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.44E+01	1.34E+01	1.01E+02	9.06E-01	7.67E-01	2.16E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.55E+00	1.13E+01	4.83E+01	2.80E-01	2.06E-01	2.13E+01
CHILD	GROUND	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02
CHILD	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
CHILD	VEG. ING	5.45E-02	7.06E-01	5.35E-02	5.35E-02	1.71E-01	0.00E+00
CHILD	MEAT ING	5.60E-03	7.57E-02	8.84E-03	8.84E-03	1.65E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	7.87E+00	1.24E+01	4.86E+01	5.99E-01	6.50E-01	2.16E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.78E+00	1.21E+01	2.52E+01	1.26E-01	1.10E-01	2.13E+01
TEENAGE	GROUND	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02
TEENAGE	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
TEENAGE	VEG. ING	9.02E-02	1.17E+00	8.83E-02	8.83E-02	2.83E-01	0.00E+00
TEENAGE	MEAT ING	9.09E-03	1.23E-01	1.43E-02	1.43E-02	2.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.14E+00	1.36E+01	2.55E+01	4.86E-01	6.76E-01	2.16E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.26E+00	1.17E+01	2.09E+01	1.06E-01	8.84E-02	2.13E+01
ADULT	GROUND	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02	9.10E-02
ADULT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
ADULT	VEG. ING	1.25E-01	1.61E+00	1.22E-01	1.22E-01	3.90E-01	0.00E+00
ADULT	MEAT ING	1.59E-02	2.15E-01	2.51E-02	2.51E-02	4.68E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.66E+00	1.38E+01	2.13E+01	5.09E-01	7.82E-01	2.16E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)

DATA: DB.MIL

PAGE

08/21

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

NUMBER 40 NAME=Edgemont

X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.19E+00	3.24E+00	2.50E+01	8.93E-02	9.87E-02	0.00E+00
INFANT	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
INFANT	CLOUD	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.19E+00	3.24E+00	2.50E+01	9.13E-02	1.01E-01	2.02E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.55E+00	2.80E+00	1.20E+01	3.74E-02	3.79E-02	0.00E+00
CHILD	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
CHILD	CLOUD	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08
CHILD	VEG. ING	1.26E-02	1.64E-01	1.00E-02	1.00E-02	3.98E-02	0.00E+00
CHILD	MEAT ING	1.24E-03	1.71E-02	1.68E-03	1.68E-03	3.67E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.57E+00	2.98E+00	1.20E+01	5.11E-02	8.33E-02	2.02E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.68E-01	2.97E+00	6.25E+00	1.77E-02	2.07E-02	0.00E+00
TEENAGE	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
TEENAGE	CLOUD	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08
TEENAGE	VEG. ING	2.08E-02	2.72E-01	1.66E-02	1.66E-02	6.58E-02	0.00E+00
TEENAGE	MEAT ING	2.01E-03	2.77E-02	2.73E-03	2.73E-03	5.96E-03	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.92E-01	3.27E+00	6.27E+00	3.90E-02	9.45E-02	2.02E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.38E-01	2.88E+00	5.20E+00	1.48E-02	1.64E-02	0.00E+00
ADULT	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
ADULT	CLOUD	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08	6.33E-08
ADULT	VEG. ING	2.88E-02	3.75E-01	2.29E-02	2.29E-02	9.08E-02	0.00E+00
ADULT	MEAT ING	3.52E-03	4.84E-02	4.76E-03	4.76E-03	1.04E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.72E-01	3.31E+00	5.23E+00	4.45E-02	1.20E-01	2.02E-03

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NUMBER 40 NAME=Edgemont

X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.51E+00	3.29E+00	2.50E+01	3.67E-01	2.07E-01	5.04E+00
INFANT	GROUND	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
INFANT	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.57E+00	3.36E+00	2.50E+01	4.32E-01	2.72E-01	5.11E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.87E+00	2.84E+00	1.20E+01	1.61E-01	8.87E-02	5.04E+00
CHILD	GROUND	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
CHILD	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
CHILD	VEG. ING	1.62E-02	2.06E-01	2.25E-02	2.25E-02	4.99E-02	0.00E+00
CHILD	MEAT ING	1.82E-03	2.38E-02	3.67E-03	3.67E-03	5.29E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.95E+00	3.13E+00	1.21E+01	2.52E-01	2.09E-01	5.11E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.18E+00	3.07E+00	6.25E+00	7.06E-02	4.61E-02	5.04E+00
TEENAGE	GROUND	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
TEENAGE	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
TEENAGE	VEG. ING	2.68E-02	3.41E-01	3.72E-02	3.72E-02	8.26E-02	0.00E+00
TEENAGE	MEAT ING	2.95E-03	3.86E-02	5.95E-03	5.95E-03	8.59E-03	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.27E+00	3.52E+00	6.36E+00	1.79E-01	2.02E-01	5.11E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.05E+00	2.94E+00	5.20E+00	5.89E-02	3.76E-02	5.04E+00
ADULT	GROUND	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
ADULT	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
ADULT	VEG. ING	3.71E-02	4.71E-01	5.14E-02	5.14E-02	1.14E-01	0.00E+00
ADULT	MEAT ING	5.16E-03	6.74E-02	1.04E-02	1.04E-02	1.50E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.16E+00	3.55E+00	5.33E+00	1.86E-01	2.32E-01	5.11E+00

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE
08/21
DURATION IN YRS IS... 5.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.81E+00	6.93E+00	5.33E+01	1.91E-01	2.11E-01	0.00E+00
INFANT	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
INFANT	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.81E+00	6.94E+00	5.33E+01	1.95E-01	2.15E-01	4.32E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.32E+00	5.99E+00	2.56E+01	8.00E-02	8.09E-02	0.00E+00
CHILD	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
CHILD	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
CHILD	VEG. ING	2.69E-02	3.51E-01	2.15E-02	2.15E-02	8.49E-02	0.00E+00
CHILD	MEAT ING	2.65E-03	3.65E-02	3.59E-03	3.59E-03	7.85E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.35E+00	6.38E+00	2.56E+01	1.09E-01	1.78E-01	4.32E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.85E+00	6.36E+00	1.33E+01	3.78E-02	4.43E-02	0.00E+00
TEENAGE	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
TEENAGE	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
TEENAGE	VEG. ING	4.45E-02	5.81E-01	3.54E-02	3.54E-02	1.41E-01	0.00E+00
TEENAGE	MEAT ING	4.30E-03	5.92E-02	5.83E-03	5.83E-03	1.27E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.91E+00	7.00E+00	1.34E+01	8.34E-02	2.02E-01	4.32E-03
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.58E+00	6.17E+00	1.11E+01	3.17E-02	3.52E-02	0.00E+00
ADULT	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
ADULT	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
ADULT	VEG. ING	6.15E-02	8.02E-01	4.90E-02	4.90E-02	1.94E-01	0.00E+00
ADULT	MEAT ING	7.52E-03	1.04E-01	1.02E-02	1.02E-02	2.23E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.65E+00	7.08E+00	1.12E+01	9.52E-02	2.56E-01	4.32E-03

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 08/21
DURATION IN YRS IS... 5.0

NUMBER 41 NAME=Background

X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.68E+00	6.97E+00	5.33E+01	3.57E-01	2.75E-01	1.44E+01
INFANT	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	7.85E+00	7.13E+00	5.35E+01	5.21E-01	4.39E-01	1.46E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.19E+00	6.01E+00	2.56E+01	1.54E-01	1.11E-01	1.44E+01
CHILD	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
CHILD	VEG. ING	2.91E-02	3.76E-01	2.90E-02	2.90E-02	9.10E-02	0.00E+00
CHILD	MEAT ING	3.00E-03	4.05E-02	4.78E-03	4.78E-03	8.81E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.39E+00	6.59E+00	2.58E+01	3.51E-01	3.75E-01	1.46E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.72E+00	6.42E+00	1.33E+01	6.94E-02	5.95E-02	1.44E+01
TEENAGE	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
TEENAGE	VEG. ING	4.81E-02	6.23E-01	4.78E-02	4.78E-02	1.51E-01	0.00E+00
TEENAGE	MEAT ING	4.87E-03	6.57E-02	7.76E-03	7.76E-03	1.43E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.94E+00	7.27E+00	1.36E+01	2.89E-01	3.88E-01	1.46E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.45E+00	6.20E+00	1.11E+01	5.80E-02	4.78E-02	1.44E+01
ADULT	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
ADULT	VEG. ING	6.64E-02	8.60E-01	6.60E-02	6.60E-02	2.08E-01	0.00E+00
ADULT	MEAT ING	8.50E-03	1.15E-01	1.36E-02	1.36E-02	2.50E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.69E+00	7.34E+00	1.13E+01	3.01E-01	4.44E-01	1.46E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL										
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	3.953E-02	1.372E-02	8.231E-03	8.231E-03	2.090E+01	2.052E+01	1.375E+01	9.127E+00	2.226E-05	1.249E-04
2.5	4.633E-03	1.611E-03	9.667E-04	9.667E-04	1.449E+01	1.445E+01	1.133E+01	8.489E+00	2.125E-05	1.040E-04
3.5	3.025E-03	1.052E-03	6.315E-04	6.315E-04	1.158E+01	1.156E+01	9.789E+00	7.946E+00	2.301E-05	9.117E-05
4.5	1.996E-03	6.945E-04	4.168E-04	4.168E-04	8.481E+00	8.478E+00	7.560E+00	6.493E+00	2.276E-05	7.128E-05
7.5	7.947E-04	2.766E-04	1.660E-04	1.660E-04	4.908E+00	4.910E+00	4.713E+00	4.446E+00	2.706E-05	4.553E-05
15.0	2.157E-04	7.509E-05	4.507E-05	4.507E-05	2.240E+00	2.241E+00	2.236E+00	2.218E+00	3.430E-05	2.192E-05
25.0	6.321E-05	2.201E-05	1.321E-05	1.321E-05	1.273E+00	1.274E+00	1.278E+00	1.278E+00	3.725E-05	1.256E-05
35.0	2.610E-05	9.085E-06	5.453E-06	5.453E-06	8.510E-01	8.515E-01	8.553E-01	8.577E-01	3.745E-05	8.413E-06
45.0	1.314E-05	4.574E-06	2.745E-06	2.745E-06	6.233E-01	6.236E-01	6.266E-01	6.288E-01	3.695E-05	6.165E-06
55.0	7.434E-06	2.588E-06	1.553E-06	1.553E-06	4.832E-01	4.835E-01	4.859E-01	4.876E-01	3.627E-05	4.780E-06
65.0	4.493E-06	1.564E-06	9.388E-07	9.388E-07	3.893E-01	3.895E-01	3.914E-01	3.928E-01	3.553E-05	3.851E-06
75.0	2.827E-06	9.842E-07	5.907E-07	5.907E-07	3.223E-01	3.225E-01	3.241E-01	3.252E-01	3.480E-05	3.188E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2									
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	4.120E+05	1.429E+05	8.439E+04	8.439E+04	0.000E+00	8.440E+04	8.440E+04	8.440E+04	4.636E+01
2.5	4.830E+04	1.679E+04	9.912E+03	9.912E+03	0.000E+00	9.923E+03	9.923E+03	9.923E+03	4.426E+01
3.5	3.153E+04	1.097E+04	6.475E+03	6.475E+03	0.000E+00	6.484E+03	6.484E+03	6.484E+03	4.793E+01
4.5	2.080E+04	7.237E+03	4.273E+03	4.273E+03	0.000E+00	4.280E+03	4.280E+03	4.280E+03	4.741E+01
7.5	8.284E+03	2.882E+03	1.702E+03	1.702E+03	0.000E+00	1.706E+03	1.706E+03	1.706E+03	5.636E+01
15.0	2.249E+03	7.825E+02	4.621E+02	4.621E+02	0.000E+00	4.638E+02	4.638E+02	4.638E+02	7.145E+01
25.0	6.589E+02	2.293E+02	1.354E+02	1.354E+02	0.000E+00	1.364E+02	1.364E+02	1.364E+02	7.760E+01
35.0	2.720E+02	9.467E+01	5.590E+01	5.590E+01	0.000E+00	5.658E+01	5.658E+01	5.658E+01	7.801E+01
45.0	1.370E+02	4.766E+01	2.815E+01	2.815E+01	0.000E+00	2.864E+01	2.864E+01	2.864E+01	7.698E+01
55.0	7.749E+01	2.696E+01	1.592E+01	1.592E+01	0.000E+00	1.631E+01	1.631E+01	1.631E+01	7.554E+01
65.0	4.684E+01	1.630E+01	9.625E+00	9.625E+00	0.000E+00	9.934E+00	9.934E+00	9.934E+00	7.401E+01
75.0	2.947E+01	1.026E+01	6.056E+00	6.056E+00	0.000E+00	6.312E+00	6.312E+00	6.312E+00	7.248E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC				
XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	3.953E-04	1.372E-04	8.231E-05	8.237E-05
2.5	4.633E-05	1.611E-05	9.667E-06	9.731E-06
3.5	3.025E-05	1.052E-05	6.315E-06	6.384E-06
4.5	1.996E-05	6.945E-06	4.168E-06	4.236E-06
7.5	7.947E-06	2.766E-06	1.660E-06	1.741E-06
15.0	2.157E-06	7.509E-07	4.507E-07	5.536E-07
25.0	6.321E-07	2.201E-07	1.321E-07	2.438E-07
35.0	2.610E-07	9.085E-08	5.453E-08	1.669E-07
45.0	1.314E-07	4.574E-08	2.745E-08	1.383E-07
55.0	7.434E-08	2.588E-08	1.553E-08	1.243E-07
65.0	4.493E-08	1.564E-08	9.388E-09	1.160E-07
75.0	2.827E-08	9.842E-09	5.907E-09	1.103E-07

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL										
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.481E-03	2.599E-03	1.560E-03	1.560E-03	2.830E+01	2.724E+01	1.267E+01	6.790E+00	2.446E-05	1.176E-04
2.5	4.745E-03	1.649E-03	9.897E-04	9.897E-04	2.122E+01	2.080E+01	1.106E+01	6.519E+00	2.552E-05	1.018E-04
3.5	3.134E-03	1.089E-03	6.538E-04	6.538E-04	1.381E+01	1.365E+01	9.630E+00	6.729E+00	2.855E-05	8.799E-05
4.5	2.159E-03	7.508E-04	4.506E-04	4.506E-04	1.010E+01	1.006E+01	8.132E+00	6.430E+00	3.137E-05	7.557E-05
7.5	1.128E-03	3.923E-04	2.354E-04	2.354E-04	5.018E+00	5.017E+00	4.634E+00	4.260E+00	3.430E-05	4.455E-05
15.0	4.277E-04	1.488E-04	8.933E-05	8.933E-05	2.292E+00	2.294E+00	2.237E+00	2.163E+00	3.760E-05	2.177E-05
25.0	1.753E-04	6.103E-05	3.663E-05	3.663E-05	1.270E+00	1.271E+00	1.262E+00	1.246E+00	3.722E-05	1.236E-05
35.0	8.995E-05	3.131E-05	1.879E-05	1.879E-05	8.527E-01	8.531E-01	8.530E-01	8.490E-01	3.629E-05	8.370E-06
45.0	5.216E-05	1.816E-05	1.090E-05	1.090E-05	6.287E-01	6.290E-01	6.305E-01	6.299E-01	3.530E-05	6.194E-06
55.0	3.260E-05	1.135E-05	6.810E-06	6.810E-06	4.904E-01	4.907E-01	4.924E-01	4.929E-01	3.437E-05	4.841E-06
65.0	2.142E-05	7.457E-06	4.476E-06	4.476E-06	3.973E-01	3.976E-01	3.992E-01	4.000E-01	3.351E-05	3.925E-06
75.0	1.461E-05	5.087E-06	3.053E-06	3.053E-06	3.307E-01	3.309E-01	3.324E-01	3.333E-01	3.271E-05	3.269E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2									
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.798E+04	2.708E+04	1.599E+04	1.599E+04	0.000E+00	1.601E+04	1.601E+04	1.601E+04	5.096E+01
2.5	4.946E+04	1.718E+04	1.015E+04	1.015E+04	0.000E+00	1.016E+04	1.016E+04	1.016E+04	5.316E+01
3.5	3.266E+04	1.135E+04	6.704E+03	6.704E+03	0.000E+00	6.714E+03	6.714E+03	6.714E+03	5.948E+01
4.5	2.250E+04	7.823E+03	4.620E+03	4.620E+03	0.000E+00	4.628E+03	4.628E+03	4.628E+03	6.534E+01
7.5	1.176E+04	4.088E+03	2.414E+03	2.414E+03	0.000E+00	2.418E+03	2.418E+03	2.418E+03	7.144E+01
15.0	4.458E+03	1.551E+03	9.159E+02	9.159E+02	0.000E+00	9.177E+02	9.177E+02	9.177E+02	7.832E+01
25.0	1.828E+03	6.359E+02	3.755E+02	3.755E+02	0.000E+00	3.765E+02	3.765E+02	3.765E+02	7.753E+01
35.0	9.377E+02	3.263E+02	1.927E+02	1.927E+02	0.000E+00	1.934E+02	1.934E+02	1.934E+02	7.558E+01
45.0	5.437E+02	1.892E+02	1.117E+02	1.117E+02	0.000E+00	1.122E+02	1.122E+02	1.122E+02	7.353E+01
55.0	3.398E+02	1.182E+02	6.982E+01	6.982E+01	0.000E+00	7.021E+01	7.021E+01	7.021E+01	7.159E+01
65.0	2.233E+02	7.770E+01	4.589E+01	4.589E+01	0.000E+00	4.620E+01	4.620E+01	4.620E+01	6.979E+01
75.0	1.523E+02	5.301E+01	3.130E+01	3.130E+01	0.000E+00	3.157E+01	3.157E+01	3.157E+01	6.813E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC				
XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	7.481E-05	2.599E-05	1.560E-05	1.567E-05
2.5	4.745E-05	1.649E-05	9.897E-06	9.973E-06
3.5	3.134E-05	1.089E-05	6.538E-06	6.624E-06
4.5	2.159E-05	7.508E-06	4.506E-06	4.600E-06
7.5	1.128E-05	3.923E-06	2.354E-06	2.457E-06
15.0	4.277E-06	1.488E-06	8.933E-07	1.006E-06
25.0	1.753E-06	6.103E-07	3.663E-07	4.779E-07
35.0	8.995E-07	3.131E-07	1.879E-07	2.968E-07
45.0	5.216E-07	1.816E-07	1.090E-07	2.149E-07
55.0	3.260E-07	1.135E-07	6.810E-08	1.712E-07
65.0	2.142E-07	7.457E-08	4.476E-08	1.453E-07
75.0	1.461E-07	5.087E-08	3.053E-08	1.287E-07

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	1.210E-02	4.205E-03	2.526E-03	2.526E-03	4.362E+01	4.322E+01	2.664E+01	1.562E+01	4.300E-05	2.379E-04
2.5	1.407E-02	4.890E-03	2.939E-03	2.939E-03	3.222E+01	3.215E+01	2.503E+01	1.819E+01	5.851E-05	2.278E-04
3.5	8.991E-03	3.125E-03	1.878E-03	1.878E-03	2.512E+01	2.512E+01	2.170E+01	1.783E+01	7.268E-05	2.024E-04
4.5	4.164E-03	1.448E-03	8.697E-04	8.697E-04	2.131E+01	2.131E+01	1.951E+01	1.725E+01	8.752E-05	1.852E-04
7.5	1.536E-03	5.345E-04	3.209E-04	3.209E-04	1.313E+01	1.313E+01	1.279E+01	1.232E+01	1.092E-04	1.243E-04
15.0	4.213E-04	1.466E-04	8.802E-05	8.802E-05	6.424E+00	6.428E+00	6.405E+00	6.346E+00	1.206E-04	6.276E-05
25.0	1.520E-04	5.293E-05	3.177E-05	3.177E-05	3.569E+00	3.571E+00	3.581E+00	3.579E+00	1.183E-04	3.518E-05
35.0	7.138E-05	2.485E-05	1.492E-05	1.492E-05	2.365E+00	2.366E+00	2.376E+00	2.381E+00	1.136E-04	2.337E-05
45.0	3.851E-05	1.341E-05	8.049E-06	8.049E-06	1.719E+00	1.720E+00	1.728E+00	1.733E+00	1.090E-04	1.700E-05
55.0	2.259E-05	7.868E-06	4.722E-06	4.722E-06	1.323E+00	1.323E+00	1.330E+00	1.334E+00	1.047E-04	1.308E-05
65.0	1.405E-05	4.893E-06	2.936E-06	2.936E-06	1.058E+00	1.058E+00	1.064E+00	1.067E+00	1.010E-04	1.046E-05
75.0	9.172E-06	3.194E-06	1.917E-06	1.917E-06	8.698E-01	8.703E-01	8.745E-01	8.776E-01	9.758E-05	8.604E-06

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	1.261E+05	4.381E+04	2.590E+04	2.590E+04	0.000E+00	2.593E+04	2.593E+04	2.593E+04	8.956E+01	
2.5	1.467E+05	5.095E+04	3.013E+04	3.013E+04	0.000E+00	3.015E+04	3.015E+04	3.015E+04	1.219E+02	
3.5	9.372E+04	3.256E+04	1.925E+04	1.925E+04	0.000E+00	1.927E+04	1.927E+04	1.927E+04	1.514E+02	
4.5	4.340E+04	1.509E+04	8.917E+03	8.917E+03	0.000E+00	8.934E+03	8.934E+03	8.934E+03	1.823E+02	
7.5	1.601E+04	5.569E+03	3.290E+03	3.290E+03	0.000E+00	3.301E+03	3.301E+03	3.301E+03	2.274E+02	
15.0	4.391E+03	1.528E+03	9.025E+02	9.025E+02	0.000E+00	9.076E+02	9.076E+02	9.076E+02	2.512E+02	
25.0	1.585E+03	5.515E+02	3.257E+02	3.257E+02	0.000E+00	3.285E+02	3.285E+02	3.285E+02	2.465E+02	
35.0	7.440E+02	2.590E+02	1.529E+02	1.529E+02	0.000E+00	1.548E+02	1.548E+02	1.548E+02	2.366E+02	
45.0	4.014E+02	1.397E+02	8.253E+01	8.253E+01	0.000E+00	8.389E+01	8.389E+01	8.389E+01	2.270E+02	
55.0	2.355E+02	8.199E+01	4.842E+01	4.842E+01	0.000E+00	4.946E+01	4.946E+01	4.946E+01	2.182E+02	
65.0	1.464E+02	5.098E+01	3.011E+01	3.011E+01	0.000E+00	3.095E+01	3.095E+01	3.095E+01	2.103E+02	
75.0	9.561E+01	3.328E+01	1.966E+01	1.966E+01	0.000E+00	2.034E+01	2.034E+01	2.034E+01	2.033E+02	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	1.210E-04	4.205E-05	2.526E-05	2.539E-05
2.5	1.407E-04	4.890E-05	2.939E-05	2.956E-05
3.5	8.991E-05	3.125E-05	1.878E-05	1.900E-05
4.5	4.164E-05	1.448E-05	8.697E-06	8.960E-06
7.5	1.536E-05	5.345E-06	3.209E-06	3.537E-06
15.0	4.213E-06	1.466E-06	8.802E-07	1.242E-06
25.0	1.520E-06	5.293E-07	3.177E-07	6.727E-07
35.0	7.138E-07	2.485E-07	1.492E-07	4.900E-07
45.0	3.851E-07	1.341E-07	8.049E-08	4.074E-07
55.0	2.259E-07	7.868E-08	4.722E-08	3.615E-07
65.0	1.405E-07	4.893E-08	2.936E-08	3.323E-07
75.0	9.172E-08	3.194E-08	1.917E-08	3.119E-07

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.166E-03	2.493E-03	1.497E-03	1.497E-03	2.169E+01	2.126E+01	1.527E+01	1.141E+01	3.253E-05	1.419E-04
2.5	4.706E-03	1.639E-03	9.839E-04	9.839E-04	2.583E+01	2.568E+01	2.061E+01	1.608E+01	4.191E-05	1.909E-04
3.5	4.211E-03	1.468E-03	8.808E-04	8.808E-04	2.714E+01	2.710E+01	2.248E+01	1.763E+01	4.461E-05	2.077E-04
4.5	3.330E-03	1.161E-03	6.966E-04	6.966E-04	2.397E+01	2.395E+01	2.016E+01	1.586E+01	4.069E-05	1.860E-04
7.5	9.519E-04	3.316E-04	1.990E-04	1.990E-04	8.250E+00	8.252E+00	7.601E+00	6.713E+00	2.843E-05	7.208E-05
15.0	3.075E-04	1.071E-04	6.425E-05	6.425E-05	1.829E+00	1.830E+00	1.756E+00	1.678E+00	2.200E-05	1.705E-05
25.0	1.395E-04	4.857E-05	2.915E-05	2.915E-05	8.966E-01	8.971E-01	8.823E-01	8.591E-01	2.097E-05	8.602E-06
35.0	7.893E-05	2.748E-05	1.649E-05	1.649E-05	5.670E-01	5.673E-01	5.644E-01	5.571E-01	1.978E-05	5.524E-06
45.0	4.941E-05	1.720E-05	1.032E-05	1.032E-05	4.045E-01	4.047E-01	4.048E-01	4.026E-01	1.880E-05	3.971E-06
55.0	3.289E-05	1.145E-05	6.872E-06	6.872E-06	3.093E-01	3.095E-01	3.102E-01	3.098E-01	1.799E-05	3.047E-06
65.0	2.282E-05	7.943E-06	4.768E-06	4.768E-06	2.473E-01	2.475E-01	2.484E-01	2.486E-01	1.729E-05	2.441E-06
75.0	1.632E-05	5.682E-06	3.411E-06	3.411E-06	2.041E-01	2.042E-01	2.050E-01	2.055E-01	1.669E-05	2.016E-06

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.470E+04	2.598E+04	1.535E+04	1.535E+04	0.000E+00	1.537E+04	1.537E+04	1.537E+04	6.776E+01
2.5	4.906E+04	1.708E+04	1.009E+04	1.009E+04	0.000E+00	1.011E+04	1.011E+04	1.011E+04	8.730E+01
3.5	4.390E+04	1.530E+04	9.031E+03	9.031E+03	0.000E+00	9.052E+03	9.052E+03	9.052E+03	9.292E+01
4.5	3.471E+04	1.210E+04	7.142E+03	7.142E+03	0.000E+00	7.161E+03	7.161E+03	7.161E+03	8.476E+01
7.5	9.922E+03	3.455E+03	2.040E+03	2.040E+03	0.000E+00	2.047E+03	2.047E+03	2.047E+03	5.923E+01
15.0	3.205E+03	1.115E+03	6.587E+02	6.587E+02	0.000E+00	6.602E+02	6.602E+02	6.602E+02	4.583E+01
25.0	1.454E+03	5.062E+02	2.989E+02	2.989E+02	0.000E+00	2.996E+02	2.996E+02	2.996E+02	4.368E+01
35.0	8.228E+02	2.863E+02	1.691E+02	1.691E+02	0.000E+00	1.696E+02	1.696E+02	1.696E+02	4.121E+01
45.0	5.150E+02	1.792E+02	1.059E+02	1.059E+02	0.000E+00	1.062E+02	1.062E+02	1.062E+02	3.916E+01
55.0	3.428E+02	1.193E+02	7.046E+01	7.046E+01	0.000E+00	7.070E+01	7.070E+01	7.070E+01	3.746E+01
65.0	2.378E+02	8.277E+01	4.888E+01	4.888E+01	0.000E+00	4.908E+01	4.908E+01	4.908E+01	3.602E+01
75.0	1.701E+02	5.921E+01	3.497E+01	3.497E+01	0.000E+00	3.513E+01	3.513E+01	3.513E+01	3.476E+01

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	7.166E-05	2.493E-05	1.497E-05	1.507E-05
2.5	4.706E-05	1.639E-05	9.839E-06	9.964E-06
3.5	4.211E-05	1.468E-05	8.808E-06	8.942E-06
4.5	3.330E-05	1.161E-05	6.966E-06	7.088E-06
7.5	9.519E-06	3.316E-06	1.990E-06	2.075E-06
15.0	3.075E-06	1.071E-06	6.425E-07	7.085E-07
25.0	1.395E-06	4.857E-07	2.915E-07	3.545E-07
35.0	7.893E-07	2.748E-07	1.649E-07	2.243E-07
45.0	4.941E-07	1.720E-07	1.032E-07	1.596E-07
55.0	3.289E-07	1.145E-07	6.872E-08	1.227E-07
65.0	2.282E-07	7.943E-08	4.768E-08	9.955E-08
75.0	1.632E-07	5.682E-08	3.411E-08	8.417E-08

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL										
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	7.576E-03	2.635E-03	1.582E-03	1.582E-03	2.260E+01	2.229E+01	1.594E+01	1.162E+01	2.945E-05	1.471E-04
2.5	6.107E-03	2.127E-03	1.277E-03	1.277E-03	2.739E+01	2.711E+01	2.000E+01	1.423E+01	2.940E-05	1.824E-04
3.5	6.589E-03	2.297E-03	1.378E-03	1.378E-03	3.990E+01	3.942E+01	2.705E+01	1.718E+01	2.839E-05	2.418E-04
4.5	7.683E-03	2.680E-03	1.608E-03	1.608E-03	4.933E+01	4.887E+01	3.041E+01	1.674E+01	2.361E-05	2.670E-04
7.5	2.281E-03	7.955E-04	4.773E-04	4.773E-04	9.239E+00	9.140E+00	6.617E+00	4.617E+00	1.525E-05	6.019E-05
15.0	3.802E-04	1.325E-04	7.950E-05	7.950E-05	1.907E+00	1.908E+00	1.813E+00	1.714E+00	2.026E-05	1.755E-05
25.0	1.243E-04	4.330E-05	2.598E-05	2.598E-05	8.602E-01	8.606E-01	8.515E-01	8.348E-01	2.012E-05	8.318E-06
35.0	5.860E-05	2.041E-05	1.225E-05	1.225E-05	5.303E-01	5.306E-01	5.303E-01	5.272E-01	1.923E-05	5.202E-06
45.0	3.255E-05	1.134E-05	6.803E-06	6.803E-06	3.740E-01	3.742E-01	3.753E-01	3.751E-01	1.845E-05	3.687E-06
55.0	1.980E-05	6.895E-06	4.138E-06	4.138E-06	2.837E-01	2.839E-01	2.850E-01	2.855E-01	1.775E-05	2.802E-06
65.0	1.275E-05	4.441E-06	2.666E-06	2.666E-06	2.259E-01	2.260E-01	2.270E-01	2.276E-01	1.716E-05	2.233E-06
75.0	8.550E-06	2.977E-06	1.787E-06	1.787E-06	1.856E-01	1.857E-01	1.866E-01	1.872E-01	1.664E-05	1.836E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2									
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.896E+04	2.746E+04	1.622E+04	1.622E+04	0.000E+00	1.623E+04	1.623E+04	1.623E+04	6.134E+01
2.5	6.366E+04	2.217E+04	1.309E+04	1.309E+04	0.000E+00	1.311E+04	1.311E+04	1.311E+04	6.124E+01
3.5	6.868E+04	2.394E+04	1.413E+04	1.413E+04	0.000E+00	1.416E+04	1.416E+04	1.416E+04	5.913E+01
4.5	8.009E+04	2.793E+04	1.649E+04	1.649E+04	0.000E+00	1.652E+04	1.652E+04	1.652E+04	4.918E+01
7.5	2.378E+04	8.290E+03	4.894E+03	4.894E+03	0.000E+00	4.901E+03	4.901E+03	4.901E+03	3.176E+01
15.0	3.963E+03	1.381E+03	8.151E+02	8.151E+02	0.000E+00	8.166E+02	8.166E+02	8.166E+02	4.219E+01
25.0	1.296E+03	4.512E+02	2.664E+02	2.664E+02	0.000E+00	2.671E+02	2.671E+02	2.671E+02	4.191E+01
35.0	6.108E+02	2.127E+02	1.256E+02	1.256E+02	0.000E+00	1.260E+02	1.260E+02	1.260E+02	4.006E+01
45.0	3.393E+02	1.181E+02	6.975E+01	6.975E+01	0.000E+00	7.005E+01	7.005E+01	7.005E+01	3.842E+01
55.0	2.064E+02	7.185E+01	4.243E+01	4.243E+01	0.000E+00	4.265E+01	4.265E+01	4.265E+01	3.697E+01
65.0	1.330E+02	4.628E+01	2.733E+01	2.733E+01	0.000E+00	2.751E+01	2.751E+01	2.751E+01	3.575E+01
75.0	8.912E+01	3.102E+01	1.832E+01	1.832E+01	0.000E+00	1.847E+01	1.847E+01	1.847E+01	3.466E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC				
XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	7.576E-05	2.635E-05	1.582E-05	1.590E-05
2.5	6.107E-05	2.127E-05	1.277E-05	1.285E-05
3.5	6.589E-05	2.297E-05	1.378E-05	1.387E-05
4.5	7.683E-05	2.680E-05	1.608E-05	1.615E-05
7.5	2.281E-05	7.955E-06	4.773E-06	4.819E-06
15.0	3.802E-06	1.325E-06	7.950E-07	8.558E-07
25.0	1.243E-06	4.330E-07	2.598E-07	3.202E-07
35.0	5.860E-07	2.041E-07	1.225E-07	1.802E-07
45.0	3.255E-07	1.134E-07	6.803E-08	1.234E-07
55.0	1.980E-07	6.895E-08	4.138E-08	9.463E-08
65.0	1.275E-07	4.441E-08	2.666E-08	7.815E-08
75.0	8.550E-08	2.977E-08	1.787E-08	6.778E-08

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.465E-03	1.421E-02	2.007E-03	5.010E-04	3.115E-04	3.326E-04	3.641E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.459E-03	4.572E-04	1.370E-03	7.768E-04	1.727E-03	4.097E-03	1.531E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.141E-03	9.846E-04	1.509E-02	6.777E-02	4.528E-03	1.514E-02	2.161E-02
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.601E-02	1.438E-02	6.176E-04	1.370E-03	3.443E-03	5.003E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.361E-02	1.100E-02	6.079E-02	3.321E-01	1.265E-02	2.150E-03	2.059E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.209E-02	1.305E-02	2.197E-02	6.049E-02	2.276E-02	1.255E-02	8.709E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.783E-02	2.644E-01	8.568E-03	1.024E-02	2.724E-03	2.176E-03	4.316E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.844E-03	1.927E-02	2.973E-01	1.281E-02	1.053E-03	2.968E-03	1.372E-03	1.487E-03
S	0.000E+00	1.856E-02	0.000E+00	0.000E+00	2.238E-02	0.000E+00	1.465E-03	6.149E-04	1.058E-03	7.495E-05	4.408E-04	8.470E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.213E-03	1.791E-03	0.000E+00	6.529E-05	3.650E-05	2.973E-04	1.814E-04	3.251E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.460E-04	2.077E-04	1.670E-04	1.362E-04	2.846E-04
WSW	0.000E+00	0.000E+00	2.493E-02	0.000E+00	0.000E+00	3.487E-03	1.216E-03	7.678E-04	1.336E-04	6.508E-04	1.351E-04	1.141E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.112E-04	6.657E-04	0.000E+00	6.901E-04	4.096E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.410E-02	3.020E-03	3.310E-04	1.575E-04	7.974E-04	1.563E-03	1.049E-03	4.125E-04
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.210E-02	1.112E-03	0.000E+00	9.263E-04	1.187E-03	1.029E-03	1.153E-03	1.164E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.585E-03	0.000E+00	5.365E-03	1.687E-02	1.694E-01	3.136E-03	5.546E-03	9.606E-04

TOTAL DOSE COMMITMENT IS 1.815E+00 PERSON-REM/YR

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.957E-02	5.765E-02	8.495E-03	2.248E-03	1.499E-03	1.728E-03	2.045E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.757E-03	1.867E-03	5.899E-03	3.602E-03	8.707E-03	2.248E-02	9.097E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.478E-03	3.985E-03	6.317E-02	2.961E-01	2.076E-02	7.310E-02	1.099E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.417E-02	5.878E-02	2.591E-03	5.941E-03	1.552E-02	2.356E-02
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.367E-02	4.370E-02	2.441E-01	1.354E+00	5.258E-02	9.154E-03	9.030E-03
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.696E-02	5.157E-02	8.724E-02	2.417E-01	9.164E-02	5.104E-02	3.583E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.020E-02	1.045E+00	3.399E-02	4.082E-02	1.093E-02	8.787E-03	1.757E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.298E-02	7.623E-02	1.189E+00	5.198E-02	4.353E-03	1.256E-02	5.974E-03	6.691E-03
S	0.000E+00	7.277E-02	0.000E+00	0.000E+00	8.816E-02	0.000E+00	6.002E-03	2.622E-03	4.753E-03	3.582E-04	2.254E-03	4.634E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.270E-02	7.224E-03	0.000E+00	2.997E-04	1.831E-04	1.631E-03	1.079E-03	2.071E-03
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.508E-03	1.024E-03	8.819E-04	7.680E-04	1.704E-03
WSW	0.000E+00	0.000E+00	9.799E-02	0.000E+00	0.000E+00	1.386E-02	4.890E-03	3.129E-03	5.531E-04	2.742E-03	5.810E-04	5.021E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.409E-04	2.670E-03	0.000E+00	2.825E-03	1.699E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.473E-02	1.190E-02	1.312E-03	6.299E-04	3.232E-03	6.445E-03	4.421E-03	1.787E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.262E-01	4.381E-03	0.000E+00	3.701E-03	4.795E-03	4.215E-03	4.810E-03	4.967E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.409E-02	0.000E+00	2.143E-02	6.862E-02	7.055E-01	1.346E-02	2.467E-02	4.456E-03

TOTAL DOSE COMMITMENT IS 7.395E+00 PERSON-REM/YR

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS AVG.LUNG

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.145E-02	9.572E-02	1.294E-02	3.022E-03	1.713E-03	1.621E-03	1.524E-03
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.693E-02	3.061E-03	8.669E-03	4.497E-03	8.855E-03	1.802E-02	5.587E-03
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-02	6.648E-03	9.848E-02	4.220E-01	2.659E-02	8.293E-02	1.091E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.092E-01	9.618E-02	4.020E-03	8.604E-03	2.065E-02	2.836E-02
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.415E-02	7.559E-02	4.135E-01	2.227E+00	8.320E-02	1.378E-02	1.276E-02
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.531E-01	9.010E-02	1.510E-01	4.134E-01	1.544E-01	8.437E-02	5.784E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.235E-01	1.826E+00	5.894E-02	7.011E-02	1.855E-02	1.472E-02	2.896E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.053E-02	1.329E-01	2.030E+00	8.624E-02	6.954E-03	1.913E-02	8.573E-03	8.939E-03
S	0.000E+00	1.290E-01	0.000E+00	0.000E+00	1.550E-01	0.000E+00	9.768E-03	3.934E-03	6.377E-03	4.165E-04	2.208E-03	3.745E-03
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.220E-02	1.214E-02	0.000E+00	3.831E-04	1.886E-04	1.308E-03	6.607E-04	9.594E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.199E-03	1.103E-03	7.902E-04	5.647E-04	1.018E-03
WSW	0.000E+00	0.000E+00	1.731E-01	0.000E+00	0.000E+00	2.394E-02	8.255E-03	5.147E-03	8.820E-04	4.217E-03	8.561E-04	7.040E-04
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.448E-03	4.534E-03	0.000E+00	4.608E-03	2.698E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.674E-01	2.093E-02	2.281E-03	1.075E-03	5.377E-03	1.036E-02	6.795E-03	2.593E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.230E-01	7.706E-03	0.000E+00	6.334E-03	8.031E-03	6.863E-03	7.551E-03	7.442E-03
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.490E-02	0.000E+00	3.669E-02	1.134E-01	1.111E+00	1.992E-02	3.381E-02	5.556E-03

TOTAL DOSE COMMITMENT IS 1.217E+01 PERSON-REM/YR

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.281E-02	2.626E-01	5.744E-02	1.948E-02	1.510E-02	1.898E-02	2.337E-02
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.527E-02	9.404E-03	4.607E-02	3.644E-02	1.007E-01	2.755E-01	1.126E-01
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.821E-02	1.550E-02	3.436E-01	1.974E+00	1.561E-01	5.893E-01	9.189E-01
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.718E-01	2.083E-01	1.132E-02	3.043E-02	8.990E-02	1.496E-01
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.877E-02	7.460E-02	5.340E-01	3.655E+00	1.704E-01	3.477E-02	3.927E-02
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.029E-02	6.049E-02	1.179E-01	3.764E-01	1.639E-01	1.045E-01	8.354E-02
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.672E-02	1.205E+00	4.296E-02	5.692E-02	1.684E-02	1.495E-02	3.291E-02
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.612E-02	1.486E-01	2.947E+00	1.571E-01	1.547E-02	5.134E-02	2.754E-02	3.416E-02
S	0.000E+00	4.027E-02	0.000E+00	0.000E+00	1.805E-01	0.000E+00	3.123E-02	1.774E-02	3.868E-02	3.307E-03	2.248E-02	4.784E-02
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.805E-02	4.011E-02	0.000E+00	3.603E-03	2.505E-03	2.330E-02	1.525E-02	2.804E-02
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.141E-02	1.348E-02	1.168E-02	9.948E-03	2.122E-02
WSW	0.000E+00	0.000E+00	1.439E-01	0.000E+00	0.000E+00	4.933E-02	1.733E-02	1.139E-02	2.111E-03	1.105E-02	2.477E-03	2.261E-03
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.417E-03	5.057E-03	0.000E+00	6.802E-03	4.591E-03
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.239E-02	1.430E-02	2.150E-03	1.326E-03	8.415E-03	2.022E-02	1.638E-02	7.657E-03
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.047E-01	5.588E-03	0.000E+00	7.317E-03	1.133E-02	1.172E-02	1.555E-02	1.849E-02
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.729E-02	0.000E+00	5.843E-02	2.455E-01	3.075E+00	6.859E-02	1.425E-01	2.851E-02

TOTAL DOSE COMMITMENT IS 2.104E+01 PERSON-REM/YR

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS GROUND

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.379E-03	4.457E-03	6.093E-04	1.445E-04	8.370E-05	8.153E-05	7.974E-05
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.831E-04	1.428E-04	4.102E-04	2.174E-04	4.409E-04	9.329E-04	3.048E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.819E-04	3.091E-04	4.616E-03	1.999E-02	1.275E-03	4.038E-03	5.410E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.059E-03	4.477E-03	1.882E-04	4.058E-04	9.834E-04	1.366E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.343E-03	3.493E-03	1.916E-02	1.035E-01	3.882E-03	6.461E-04	6.026E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.055E-03	4.157E-03	6.974E-03	1.912E-02	7.149E-03	3.914E-03	2.690E-03
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.694E-03	8.424E-02	2.722E-03	3.240E-03	8.583E-04	6.817E-04	1.344E-03
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.870E-03	6.143E-03	9.404E-02	4.007E-03	3.244E-04	8.968E-04	4.044E-04	4.249E-04
S	0.000E+00	5.942E-03	0.000E+00	0.000E+00	7.157E-03	0.000E+00	4.561E-04	1.855E-04	3.048E-04	2.027E-05	1.101E-04	1.926E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.027E-03	5.657E-04	0.000E+00	1.854E-05	9.423E-06	6.812E-05	3.630E-05	5.631E-05
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.549E-04	5.467E-05	4.026E-05	2.976E-05	5.588E-05
WSW	0.000E+00	0.000E+00	7.990E-03	0.000E+00	0.000E+00	1.109E-03	3.832E-04	2.395E-04	4.116E-05	1.975E-04	4.025E-05	3.327E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-05	2.099E-04	0.000E+00	2.142E-04	1.257E-04
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.725E-03	9.659E-04	1.054E-04	4.979E-05	2.497E-04	4.828E-04	3.181E-04	1.221E-04
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.029E-02	3.557E-04	0.000E+00	2.931E-04	3.725E-04	3.193E-04	3.526E-04	3.491E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.148E-03	0.000E+00	1.700E-03	5.274E-03	5.196E-02	9.378E-04	1.605E-03	2.667E-04

TOTAL DOSE COMMITMENT IS 5.658E-01 PERSON-REM/YR

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS CLOUD

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.321E-04	2.310E-03	5.070E-04	1.721E-04	1.334E-04	1.677E-04	2.065E-04
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.200E-04	8.274E-05	4.065E-04	3.218E-04	8.898E-04	2.434E-03	9.949E-04
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.575E-04	1.357E-04	3.021E-03	1.740E-02	1.378E-03	5.203E-03	8.116E-03
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.497E-03	1.828E-03	9.959E-05	2.683E-04	7.932E-04	1.321E-03
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.709E-04	6.424E-04	4.661E-03	3.209E-02	1.500E-03	3.065E-04	3.466E-04
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.056E-04	5.037E-04	1.010E-03	3.271E-03	1.435E-03	9.181E-04	7.358E-04
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.964E-04	9.882E-03	3.628E-04	4.890E-04	1.461E-04	1.306E-04	2.886E-04
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.835E-04	1.254E-03	2.554E-02	1.375E-03	1.360E-04	4.524E-04	2.430E-04	3.016E-04
S	0.000E+00	2.086E-04	0.000E+00	0.000E+00	1.491E-03	0.000E+00	2.743E-04	1.564E-04	3.415E-04	2.921E-05	1.986E-04	4.227E-04
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.205E-04	3.509E-04	0.000E+00	3.181E-05	2.213E-05	2.059E-04	1.347E-04	2.478E-04
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.771E-04	1.191E-04	1.031E-04	8.789E-05	1.875E-04
WSW	0.000E+00	0.000E+00	9.926E-04	0.000E+00	0.000E+00	4.227E-04	1.502E-04	9.954E-05	1.853E-05	9.729E-05	2.184E-05	1.995E-05
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.222E-05	4.411E-05	0.000E+00	5.988E-05	4.049E-05
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.267E-04	1.135E-04	1.833E-05	1.155E-05	7.393E-05	1.782E-04	1.445E-04	6.762E-05
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.952E-04	4.488E-05	0.000E+00	6.376E-05	9.951E-05	1.033E-04	1.372E-04	1.633E-04
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.176E-04	0.000E+00	5.087E-04	2.157E-03	2.711E-02	6.054E-04	1.259E-03	2.519E-04

TOTAL DOSE COMMITMENT IS 1.821E-01 PERSON-REM/YR

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS VEG. ING

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS VEG. ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
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1REGION: I Burdock
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CODE: MILDOS-AREA (02/97)
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PAGE
08/21

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MEAT ING

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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TIME STEP NUMBER 2,

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EXPOSURE PATHWAY IS MILK ING

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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08/2

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EXPOSURE PATHWAY IS MILK ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRHO 75.0
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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TIME STEP NUMBER 2,

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SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 2--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.815E+00	7.395E+00	1.217E+01	5.410E-01	3.086E-01	2.104E+01
GROUND	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01
CLOUD	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.563E+00	8.143E+00	1.292E+01	1.289E+00	1.057E+00	2.179E+01

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01
TOTALS	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.815E+00	7.395E+00	1.217E+01	5.410E-01	3.086E-01	2.104E+01
GROUND	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01
CLOUD	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	5.116E+01
TOTALS	1.060E+01	1.178E+02	1.475E+01	9.328E+00	9.095E+00	7.295E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE
08/21

COMPLETE SUMMARY OF COMPUTED ENVIRONMENTAL DOSE COMMITMENTS, INTEGRATED OVER ALL TIME STEPS

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE WITHIN 80 KILOMETERS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
1	2008.00	2013.00	5.00	TOTALS	1.281E+01	4.071E+01	6.461E+01	6.445E+00	5.283E+00	1.090E+02
2	2013.00	2113.00	100.00	TOTALS	2.563E+02	8.143E+02	1.292E+03	1.289E+02	1.057E+02	2.179E+03
TOTALS OVER ALL 2 TIME STEPS					2.691E+02	8.550E+02	1.357E+03	1.353E+02	1.109E+02	2.288E+03

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE BEYOND 80 KILOMETERS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
1	2008.00	2013.00	5.00	TOTALS	4.019E+01	5.481E+02	9.135E+00	4.019E+01	4.019E+01	2.558E+02
2	2013.00	2113.00	100.00	TOTALS	8.039E+02	1.096E+04	1.827E+02	8.039E+02	8.039E+02	5.116E+03
TOTALS OVER ALL 2 TIME STEPS					8.441E+02	1.151E+04	1.918E+02	8.441E+02	8.441E+02	5.371E+03

GRAND TOTAL 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED OVER ALL POPULATIONS, PERSON-REM

NO.	T-START	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
1	2008.00	2013.00	5.00	TOTALS	5.301E+01	5.888E+02	7.374E+01	4.664E+01	4.548E+01	3.647E+02
2	2013.00	2113.00	100.00	TOTALS	1.060E+03	1.178E+04	1.475E+03	9.328E+02	9.095E+02	7.295E+03
TOTALS OVER ALL 2 TIME STEPS					1.113E+03	1.236E+04	1.549E+03	9.794E+02	9.550E+02	7.659E+03

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3				GROUND CONCENTRATIONS, PCI/M2			
			U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
1	CPP N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	2	3.633E-03	1.263E-03	7.582E-04	1.254E-04	3.871E+04	1.346E+04	7.941E+03	7.941E+03
1	CPP N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CPP N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.633E-03	1.263E-03	7.582E-04	1.254E-04	3.871E+04	1.346E+04	7.941E+03	7.941E+03
2	CPP NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	2	2.509E-03	8.728E-04	5.238E-04	8.664E-05	2.673E+04	9.296E+03	5.486E+03	5.486E+03
2	CPP NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	CPP NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			2.509E-03	8.728E-04	5.238E-04	8.664E-05	2.673E+04	9.296E+03	5.486E+03	5.486E+03
3	CPP NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	2	6.552E-03	2.276E-03	1.366E-03	2.260E-04	6.980E+04	2.424E+04	1.431E+04	1.431E+04
3	CPP NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	CPP NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.552E-03	2.276E-03	1.366E-03	2.260E-04	6.980E+04	2.424E+04	1.431E+04	1.431E+04
4	CPP ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	2	2.963E-03	1.030E-03	6.182E-04	1.023E-04	3.157E+04	1.097E+04	6.475E+03	6.475E+03
4	CPP ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	CPP ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			2.963E-03	1.030E-03	6.182E-04	1.023E-04	3.157E+04	1.097E+04	6.475E+03	6.475E+03
5	CPP E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	2	4.216E-03	1.465E-03	8.793E-04	1.454E-04	4.491E+04	1.560E+04	9.208E+03	9.208E+03
5	CPP E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	CPP E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.216E-03	1.465E-03	8.793E-04	1.454E-04	4.491E+04	1.560E+04	9.208E+03	9.208E+03
6	CPP ESE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	CPP ESE	2	4.218E-03	1.466E-03	8.800E-04	1.455E-04	4.494E+04	1.561E+04	9.217E+03	9.217E+03
6	CPP ESE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	CPP ESE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.218E-03	1.466E-03	8.800E-04	1.455E-04	4.494E+04	1.561E+04	9.217E+03	9.217E+03
7	CPP SSE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	CPP SSE	2	7.448E-03	2.589E-03	1.555E-03	2.570E-04	7.935E+04	2.757E+04	1.629E+04	1.629E+04
7	CPP SSE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	CPP SSE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			7.448E-03	2.589E-03	1.555E-03	2.570E-04	7.935E+04	2.757E+04	1.629E+04	1.629E+04
8	CPP SE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	CPP SE	2	4.963E-03	1.725E-03	1.036E-03	1.713E-04	5.288E+04	1.837E+04	1.085E+04	1.085E+04
8	CPP SE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	CPP SE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.963E-03	1.725E-03	1.036E-03	1.713E-04	5.288E+04	1.837E+04	1.085E+04	1.085E+04

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3				GROUND CONCENTRATIONS, PCI/M2			
			U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
9	CPP S	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	2	1.649E-02	5.732E-03	3.445E-03	5.690E-04	1.757E+05	6.105E+04	3.608E+04	3.608E+04
9	CPP S	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	CPP S	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			1.649E-02	5.732E-03	3.445E-03	5.690E-04	1.757E+05	6.105E+04	3.608E+04	3.608E+04
10	CPP SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	2	5.040E-03	1.753E-03	1.053E-03	1.740E-04	5.369E+04	1.867E+04	1.103E+04	1.103E+04
10	CPP SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	CPP SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.040E-03	1.753E-03	1.053E-03	1.740E-04	5.369E+04	1.867E+04	1.103E+04	1.103E+04
11	CPP SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	2	3.581E-03	1.247E-03	7.485E-04	1.237E-04	3.815E+04	1.328E+04	7.839E+03	7.839E+03
11	CPP SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	CPP SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.581E-03	1.247E-03	7.485E-04	1.237E-04	3.815E+04	1.328E+04	7.839E+03	7.839E+03
12	CPP WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	2	9.412E-03	3.273E-03	1.966E-03	3.249E-04	1.003E+05	3.486E+04	2.059E+04	2.059E+04
12	CPP WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	CPP WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			9.412E-03	3.273E-03	1.966E-03	3.249E-04	1.003E+05	3.486E+04	2.059E+04	2.059E+04
13	CPP W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	2	5.377E-03	1.872E-03	1.124E-03	1.859E-04	5.729E+04	1.994E+04	1.177E+04	1.177E+04
13	CPP W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	CPP W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.377E-03	1.872E-03	1.124E-03	1.859E-04	5.729E+04	1.994E+04	1.177E+04	1.177E+04
14	CPP WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	CPP WNW	2	6.087E-03	2.120E-03	1.272E-03	2.104E-04	6.484E+04	2.257E+04	1.332E+04	1.332E+04
14	CPP WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	CPP WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.087E-03	2.120E-03	1.272E-03	2.104E-04	6.484E+04	2.257E+04	1.332E+04	1.332E+04
15	CPP NW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	CPP NW	2	6.155E-03	2.145E-03	1.287E-03	2.129E-04	6.557E+04	2.284E+04	1.348E+04	1.348E+04
15	CPP NW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	CPP NW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.155E-03	2.145E-03	1.287E-03	2.129E-04	6.557E+04	2.284E+04	1.348E+04	1.348E+04
16	CPP NNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	CPP NNW	2	4.624E-03	1.609E-03	9.656E-04	1.597E-04	4.927E+04	1.714E+04	1.011E+04	1.011E+04
16	CPP NNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	CPP NNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.624E-03	1.609E-03	9.656E-04	1.597E-04	4.927E+04	1.714E+04	1.011E+04	1.011E+04

1REGION: E Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3				GROUND CONCENTRATIONS, PCI/M2			
			U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
17	SF N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	2	4.386E-03	1.530E-03	9.180E-04	1.519E-04	4.673E+04	1.630E+04	9.614E+03	9.614E+03
17	SF N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	SF N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.386E-03	1.530E-03	9.180E-04	1.519E-04	4.673E+04	1.630E+04	9.614E+03	9.614E+03
18	SF NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	2	4.918E-03	1.716E-03	1.029E-03	1.703E-04	5.240E+04	1.827E+04	1.078E+04	1.078E+04
18	SF NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	SF NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.918E-03	1.716E-03	1.029E-03	1.703E-04	5.240E+04	1.827E+04	1.078E+04	1.078E+04
19	SF NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	2	4.696E-03	1.638E-03	9.828E-04	1.626E-04	5.004E+04	1.745E+04	1.029E+04	1.029E+04
19	SF NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	SF NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.696E-03	1.638E-03	9.828E-04	1.626E-04	5.004E+04	1.745E+04	1.029E+04	1.029E+04
20	SF ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	2	4.000E-03	1.395E-03	8.368E-04	1.384E-04	4.262E+04	1.485E+04	8.763E+03	8.763E+03
20	SF ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	SF ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.000E-03	1.395E-03	8.368E-04	1.384E-04	4.262E+04	1.485E+04	8.763E+03	8.763E+03
21	SF E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	2	5.361E-03	1.869E-03	1.122E-03	1.855E-04	5.712E+04	1.991E+04	1.175E+04	1.175E+04
21	SF E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
21	SF E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.361E-03	1.869E-03	1.122E-03	1.855E-04	5.712E+04	1.991E+04	1.175E+04	1.175E+04
22	SF SSE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
22	SF SSE	2	4.511E-03	1.573E-03	9.437E-04	1.561E-04	4.806E+04	1.675E+04	9.883E+03	9.883E+03
22	SF SSE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
22	SF SSE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.511E-03	1.573E-03	9.437E-04	1.561E-04	4.806E+04	1.675E+04	9.883E+03	9.883E+03
23	SF SE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	SF SE	2	6.574E-03	2.291E-03	1.375E-03	2.274E-04	7.004E+04	2.440E+04	1.440E+04	1.440E+04
23	SF SE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	SF SE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.574E-03	2.291E-03	1.375E-03	2.274E-04	7.004E+04	2.440E+04	1.440E+04	1.440E+04
24	SF S	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	SF S	2	2.527E-03	8.809E-04	5.286E-04	8.745E-05	2.692E+04	9.382E+03	5.536E+03	5.536E+03
24	SF S	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	SF S	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			2.527E-03	8.809E-04	5.286E-04	8.745E-05	2.692E+04	9.382E+03	5.536E+03	5.536E+03

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
25	SF SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	2	3.290E-03	1.147E-03	6.883E-04	1.139E-04	3.505E+04	1.222E+04	7.208E+03	7.208E+03
25	SF SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
25	SF SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.290E-03	1.147E-03	6.883E-04	1.139E-04	3.505E+04	1.222E+04	7.208E+03	7.208E+03
26	SF SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	2	5.483E-03	1.913E-03	1.148E-03	1.899E-04	5.841E+04	2.037E+04	1.202E+04	1.202E+04
26	SF SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
26	SF SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.483E-03	1.913E-03	1.148E-03	1.899E-04	5.841E+04	2.037E+04	1.202E+04	1.202E+04
27	SF WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	2	6.515E-03	2.273E-03	1.364E-03	2.256E-04	6.941E+04	2.421E+04	1.428E+04	1.428E+04
27	SF WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
27	SF WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.515E-03	2.273E-03	1.364E-03	2.256E-04	6.941E+04	2.421E+04	1.428E+04	1.428E+04
28	SF W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	2	1.076E-02	3.755E-03	2.253E-03	3.727E-04	1.146E+05	3.999E+04	2.359E+04	2.359E+04
28	SF W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
28	SF W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			1.076E-02	3.755E-03	2.253E-03	3.727E-04	1.146E+05	3.999E+04	2.359E+04	2.359E+04
29	SF WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	2	3.941E-02	1.376E-02	8.252E-03	1.365E-03	4.199E+05	1.465E+05	8.642E+04	8.642E+04
29	SF WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
29	SF WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.941E-02	1.376E-02	8.252E-03	1.365E-03	4.199E+05	1.465E+05	8.642E+04	8.642E+04
30	SF NW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
30	SF NW	2	4.052E-02	1.414E-02	8.484E-03	1.404E-03	4.317E+05	1.506E+05	8.885E+04	8.885E+04
30	SF NW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
30	SF NW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.052E-02	1.414E-02	8.484E-03	1.404E-03	4.317E+05	1.506E+05	8.885E+04	8.885E+04
31	SF NNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
31	SF NNW	2	3.955E-02	1.380E-02	8.281E-03	1.370E-03	4.214E+05	1.470E+05	8.673E+04	8.673E+04
31	SF NNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
31	SF NNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.955E-02	1.380E-02	8.281E-03	1.370E-03	4.214E+05	1.470E+05	8.673E+04	8.673E+04
32	SF ESE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
32	SF ESE	2	6.635E-03	2.314E-03	1.388E-03	2.297E-04	7.069E+04	2.464E+04	1.454E+04	1.454E+04
32	SF ESE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
32	SF ESE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.635E-03	2.314E-03	1.388E-03	2.297E-04	7.069E+04	2.464E+04	1.454E+04	1.454E+04

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3				GROUND CONCENTRATIONS, PCI/M2			
			U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
33	Daniels Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	2	5.474E-03	1.902E-03	1.141E-03	1.888E-04	5.832E+04	2.025E+04	1.195E+04	1.195E+04
33	Daniels Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
33	Daniels Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.474E-03	1.902E-03	1.141E-03	1.888E-04	5.832E+04	2.025E+04	1.195E+04	1.195E+04
34	Spencer Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	2	6.186E-03	2.154E-03	1.292E-03	2.138E-04	6.591E+04	2.294E+04	1.354E+04	1.354E+04
34	Spencer Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	Spencer Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			6.186E-03	2.154E-03	1.292E-03	2.138E-04	6.591E+04	2.294E+04	1.354E+04	1.354E+04
35	BC Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	2	4.277E-03	1.492E-03	8.952E-04	1.481E-04	4.557E+04	1.589E+04	9.375E+03	9.375E+03
35	BC Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	BC Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			4.277E-03	1.492E-03	8.952E-04	1.481E-04	4.557E+04	1.589E+04	9.375E+03	9.375E+03
36	Puttman Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	2	1.691E-03	5.898E-04	3.538E-04	5.854E-05	1.802E+04	6.281E+03	3.706E+03	3.706E+03
36	Puttman Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
36	Puttman Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			1.691E-03	5.898E-04	3.538E-04	5.854E-05	1.802E+04	6.281E+03	3.706E+03	3.706E+03
37	Englebert Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	2	3.708E-03	1.290E-03	7.745E-04	1.280E-04	3.951E+04	1.373E+04	8.112E+03	8.112E+03
37	Englebert Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
37	Englebert Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.708E-03	1.290E-03	7.745E-04	1.280E-04	3.951E+04	1.373E+04	8.112E+03	8.112E+03
38	Burdock School	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
38	Burdock School	2	3.392E-03	1.181E-03	7.091E-04	1.172E-04	3.614E+04	1.258E+04	7.426E+03	7.426E+03
38	Burdock School	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
38	Burdock School	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			3.392E-03	1.181E-03	7.091E-04	1.172E-04	3.614E+04	1.258E+04	7.426E+03	7.426E+03
39	Heck Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
39	Heck Ranch	2	2.314E-03	8.049E-04	4.834E-04	7.990E-05	2.465E+04	8.573E+03	5.062E+03	5.062E+03
39	Heck Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
39	Heck Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			2.314E-03	8.049E-04	4.834E-04	7.990E-05	2.465E+04	8.573E+03	5.062E+03	5.062E+03
40	Edgemont	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
40	Edgemont	2	5.744E-04	1.999E-04	1.200E-04	1.984E-05	6.120E+03	2.129E+03	1.257E+03	1.257E+03
40	Edgemont	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
40	Edgemont	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			5.744E-04	1.999E-04	1.200E-04	1.984E-05	6.120E+03	2.129E+03	1.257E+03	1.257E+03

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3				GROUND CONCENTRATIONS, PCI/M2			
			U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
41	Background	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	2	1.227E-03	4.276E-04	2.566E-04	4.244E-05	1.307E+04	4.554E+03	2.687E+03	2.687E+03
41	Background	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
41	Background	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			1.227E-03	4.276E-04	2.566E-04	4.244E-05	1.307E+04	4.554E+03	2.687E+03	2.687E+03

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CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NO.	INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS								GROUND CONCENTRATIONS, PCI/M2			
	AIRBORNE CONCENTRATIONS, PCI/M3								Po-218	Pb-214	Bi-214	Pb-210
	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL				
1	1.279E+01	1.277E+01	1.037E+01	8.044E+00	2.128E-05	6.198E-08	5.088E-12	9.570E-05	1.011E+01	1.011E+01	1.011E+01	4.443E+01
2	1.050E+01	1.050E+01	8.838E+00	7.092E+00	2.235E-05	8.076E-08	8.457E-12	8.207E-05	8.313E+00	8.313E+00	8.313E+00	4.665E+01
3	1.774E+01	1.761E+01	1.199E+01	7.841E+00	2.317E-05	9.676E-08	1.183E-11	1.082E-04	1.395E+01	1.395E+01	1.395E+01	4.837E+01
4	1.171E+01	1.168E+01	8.757E+00	6.270E+00	2.417E-05	1.309E-07	2.061E-11	7.982E-05	9.249E+00	9.249E+00	9.249E+00	5.047E+01
5	1.985E+01	1.935E+01	1.089E+01	6.586E+00	2.617E-05	1.551E-07	2.627E-11	9.971E-05	1.532E+01	1.532E+01	1.532E+01	5.464E+01
6	4.158E+01	3.988E+01	1.970E+01	1.020E+01	3.339E-05	2.030E-07	3.667E-11	1.790E-04	3.159E+01	3.159E+01	3.159E+01	6.970E+01
7	3.771E+01	3.759E+01	2.757E+01	1.876E+01	5.589E-05	2.778E-07	4.444E-11	2.485E-04	2.977E+01	2.977E+01	2.977E+01	1.167E+02
8	4.922E+01	4.840E+01	2.912E+01	1.671E+01	4.677E-05	2.554E-07	4.434E-11	2.598E-04	3.833E+01	3.833E+01	3.833E+01	9.764E+01
9	2.796E+01	2.791E+01	2.282E+01	1.763E+01	6.335E-05	3.136E-07	4.731E-11	2.102E-04	2.211E+01	2.211E+01	2.211E+01	1.323E+02
10	2.010E+01	2.010E+01	1.782E+01	1.522E+01	6.789E-05	3.418E-07	4.817E-11	1.678E-04	1.592E+01	1.592E+01	1.592E+01	1.417E+02
11	1.911E+01	1.910E+01	1.692E+01	1.456E+01	5.958E-05	2.574E-07	3.032E-11	1.598E-04	1.512E+01	1.512E+01	1.512E+01	1.244E+02
12	2.142E+01	2.108E+01	1.519E+01	1.133E+01	3.562E-05	1.268E-07	1.251E-11	1.409E-04	1.670E+01	1.670E+01	1.670E+01	7.437E+01
13	2.352E+01	2.332E+01	1.816E+01	1.401E+01	3.733E-05	1.071E-07	8.437E-12	1.683E-04	1.847E+01	1.847E+01	1.847E+01	7.794E+01
14	2.475E+01	2.450E+01	1.815E+01	1.313E+01	2.860E-05	6.902E-08	4.668E-12	1.662E-04	1.940E+01	1.940E+01	1.940E+01	5.971E+01
15	2.841E+01	2.761E+01	1.656E+01	9.609E+00	1.570E-05	3.589E-08	2.695E-12	1.482E-04	2.187E+01	2.187E+01	2.187E+01	3.278E+01
16	1.584E+01	1.569E+01	1.174E+01	8.515E+00	1.899E-05	4.766E-08	3.404E-12	1.074E-04	1.242E+01	1.242E+01	1.242E+01	3.964E+01
17	2.109E+01	2.067E+01	1.003E+01	4.668E+00	1.171E-05	6.336E-08	1.046E-11	8.957E-05	1.637E+01	1.637E+01	1.637E+01	2.445E+01
18	2.017E+01	1.982E+01	9.654E+00	4.445E+00	1.134E-05	6.001E-08	9.505E-12	8.594E-05	1.570E+01	1.570E+01	1.570E+01	2.367E+01
19	2.118E+01	2.077E+01	1.010E+01	4.720E+00	1.179E-05	5.779E-08	8.489E-12	9.022E-05	1.645E+01	1.645E+01	1.645E+01	2.461E+01
20	1.810E+01	1.780E+01	9.266E+00	4.881E+00	1.271E-05	5.396E-08	6.846E-12	8.352E-05	1.410E+01	1.410E+01	1.410E+01	2.653E+01
21	2.620E+01	2.490E+01	1.223E+01	6.224E+00	1.259E-05	4.187E-08	4.399E-12	1.109E-04	1.972E+01	1.972E+01	1.972E+01	2.629E+01
22	2.937E+01	2.932E+01	2.388E+01	1.818E+01	4.228E-05	1.075E-07	7.768E-12	2.191E-04	2.322E+01	2.322E+01	2.322E+01	8.827E+01
23	3.458E+01	3.415E+01	2.403E+01	1.595E+01	2.844E-05	6.041E-08	3.896E-12	2.165E-04	2.705E+01	2.705E+01	2.705E+01	5.937E+01
24	1.982E+01	1.982E+01	1.738E+01	1.437E+01	4.313E-05	1.393E-07	1.289E-11	1.621E-04	1.570E+01	1.570E+01	1.570E+01	9.004E+01
25	1.716E+01	1.715E+01	1.358E+01	9.642E+00	2.239E-05	7.637E-08	9.284E-12	1.225E-04	1.358E+01	1.358E+01	1.358E+01	4.675E+01
26	1.626E+01	1.615E+01	1.035E+01	6.095E+00	1.482E-05	6.873E-08	1.066E-11	9.184E-05	1.279E+01	1.279E+01	1.279E+01	3.095E+01
27	1.464E+01	1.409E+01	7.815E+00	4.407E+00	1.260E-05	6.663E-08	1.099E-11	7.058E-05	1.116E+01	1.116E+01	1.116E+01	2.631E+01
28	1.466E+01	1.362E+01	6.918E+00	3.894E+00	1.203E-05	6.672E-08	1.132E-11	6.363E-05	1.079E+01	1.079E+01	1.079E+01	2.512E+01
29	1.965E+01	1.597E+01	6.255E+00	3.248E+00	1.069E-05	5.957E-08	9.638E-12	6.028E-05	1.265E+01	1.265E+01	1.265E+01	2.231E+01
30	2.435E+01	1.782E+01	6.274E+00	3.144E+00	1.044E-05	5.810E-08	9.283E-12	6.189E-05	1.411E+01	1.411E+01	1.411E+01	2.179E+01
31	2.470E+01	2.198E+01	7.945E+00	3.565E+00	1.080E-05	6.063E-08	9.897E-12	7.622E-05	1.741E+01	1.741E+01	1.741E+01	2.255E+01
32	4.020E+01	3.868E+01	1.976E+01	9.736E+00	1.421E-05	3.506E-08	3.038E-12	1.763E-04	3.064E+01	3.064E+01	3.064E+01	2.966E+01
33	2.198E+01	2.153E+01	1.093E+01	6.370E+00	2.489E-05	1.377E-07	2.131E-11	1.013E-04	1.705E+01	1.705E+01	1.705E+01	5.197E+01
34	2.533E+01	2.501E+01	1.806E+01	1.272E+01	2.604E-05	5.987E-08	3.899E-12	1.648E-04	1.981E+01	1.981E+01	1.981E+01	5.437E+01
35	1.024E+01	1.000E+01	6.369E+00	4.098E+00	1.347E-05	7.748E-08	1.406E-11	5.788E-05	7.924E+00	7.924E+00	7.924E+00	2.812E+01
36	7.573E+00	7.573E+00	6.621E+00	5.521E+00	2.323E-05	1.340E-07	2.492E-11	6.196E-05	5.998E+00	5.998E+00	5.998E+00	4.849E+01
37	2.022E+01	2.022E+01	1.863E+01	1.664E+01	8.878E-05	5.541E-07	1.021E-10	1.773E-04	1.602E+01	1.602E+01	1.602E+01	1.854E+02
38	1.892E+01	1.890E+01	1.678E+01	1.448E+01	5.890E-05	2.511E-07	2.911E-11	1.586E-04	1.497E+01	1.497E+01	1.497E+01	1.230E+02
39	1.707E+01	1.708E+01	1.611E+01	1.499E+01	1.036E-04	7.856E-07	1.732E-10	1.552E-04	1.353E+01	1.353E+01	1.353E+01	2.163E+02
40	4.033E+00	4.035E+00	3.967E+00	3.873E+00	9.921E-05	2.362E-06	1.446E-09	3.872E-05	3.196E+00	3.196E+00	3.196E+00	2.071E+02
41	1.155E+01	1.155E+01	1.106E+01	1.042E+01	5.927E-05	3.173E-07	4.421E-11	1.069E-04	9.150E+00	9.150E+00	9.150E+00	1.237E+02

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 1 NAME=CPP N X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.03E+01	2.07E+01	1.59E+02	5.68E-01	6.28E-01	0.00E+00
INFANT	GROUND	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01
INFANT	CLOUD	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.05E+01	2.08E+01	1.60E+02	7.14E-01	7.74E-01	1.46E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.93E+00	1.79E+01	7.66E+01	2.38E-01	2.41E-01	0.00E+00
CHILD	GROUND	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01
CHILD	CLOUD	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07
CHILD	VEG. ING	1.16E-01	1.50E+00	1.36E-01	1.36E-01	3.41E-01	0.00E+00
CHILD	MEAT ING	1.61E-02	2.14E-01	3.39E-02	3.39E-02	4.30E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.02E+01	1.97E+01	7.69E+01	5.53E-01	7.71E-01	1.46E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.54E+00	1.90E+01	3.99E+01	1.12E-01	1.32E-01	0.00E+00
TEENAGE	GROUND	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01
TEENAGE	CLOUD	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07
TEENAGE	VEG. ING	1.89E-01	2.46E+00	2.20E-01	2.20E-01	5.59E-01	0.00E+00
TEENAGE	MEAT ING	2.61E-02	3.47E-01	5.50E-02	5.50E-02	6.97E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.90E+00	2.19E+01	4.03E+01	5.33E-01	9.07E-01	1.46E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.71E+00	1.84E+01	3.32E+01	9.43E-02	1.05E-01	0.00E+00
ADULT	GROUND	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01
ADULT	CLOUD	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07
ADULT	VEG. ING	2.61E-01	3.39E+00	3.04E-01	3.04E-01	7.72E-01	0.00E+00
ADULT	MEAT ING	4.56E-02	6.07E-01	9.62E-02	9.62E-02	1.22E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.17E+00	2.25E+01	3.37E+01	6.40E-01	1.14E+00	1.46E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 1 NAME=CPP N

X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.13E+01	2.07E+01	1.59E+02	6.27E-01	6.52E-01	1.60E+01
INFANT	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
INFANT	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.30E+01	2.24E+01	1.61E+02	2.29E+00	2.31E+00	1.77E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.09E+01	1.79E+01	7.66E+01	2.64E-01	2.52E-01	1.60E+01
CHILD	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
CHILD	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
CHILD	VEG. ING	1.17E-01	1.51E+00	1.39E-01	1.39E-01	3.44E-01	0.00E+00
CHILD	MEAT ING	1.62E-02	2.16E-01	3.44E-02	3.44E-02	4.34E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.27E+01	2.13E+01	7.84E+01	2.10E+00	2.30E+00	1.77E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.50E+00	1.90E+01	3.99E+01	1.24E-01	1.38E-01	1.60E+01
TEENAGE	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
TEENAGE	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
TEENAGE	VEG. ING	1.91E-01	2.48E+00	2.25E-01	2.25E-01	5.63E-01	0.00E+00
TEENAGE	MEAT ING	2.64E-02	3.50E-01	5.59E-02	5.59E-02	7.04E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.38E+00	2.35E+01	4.18E+01	2.06E+00	2.43E+00	1.77E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.67E+00	1.84E+01	3.32E+01	1.04E-01	1.09E-01	1.60E+01
ADULT	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
ADULT	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
ADULT	VEG. ING	2.63E-01	3.41E+00	3.11E-01	3.11E-01	7.78E-01	0.00E+00
ADULT	MEAT ING	4.61E-02	6.12E-01	9.77E-02	9.77E-02	1.23E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.64E+00	2.41E+01	3.53E+01	2.17E+00	2.67E+00	1.77E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 2 NAME=CPP NNE X= 1.3KM, Y= 2.8KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.41E+01	1.43E+01	1.10E+02	3.92E-01	4.34E-01	0.00E+00
INFANT	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
INFANT	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.42E+01	1.44E+01	1.10E+02	4.93E-01	5.35E-01	1.01E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.86E+00	1.23E+01	5.29E+01	1.64E-01	1.67E-01	0.00E+00
CHILD	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
CHILD	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
CHILD	VEG. ING	7.99E-02	1.04E+00	9.38E-02	9.38E-02	2.36E-01	0.00E+00
CHILD	MEAT ING	1.11E-02	1.48E-01	2.34E-02	2.34E-02	2.97E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	7.05E+00	1.36E+01	5.31E+01	3.82E-01	5.33E-01	1.01E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.83E+00	1.31E+01	2.76E+01	7.76E-02	9.12E-02	0.00E+00
TEENAGE	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
TEENAGE	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
TEENAGE	VEG. ING	1.31E-01	1.70E+00	1.52E-01	1.52E-01	3.86E-01	0.00E+00
TEENAGE	MEAT ING	1.80E-02	2.40E-01	3.80E-02	3.80E-02	4.82E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.08E+00	1.51E+01	2.78E+01	3.68E-01	6.26E-01	1.01E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.25E+00	1.27E+01	2.29E+01	6.52E-02	7.24E-02	0.00E+00
ADULT	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
ADULT	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
ADULT	VEG. ING	1.80E-01	2.34E+00	2.10E-01	2.10E-01	5.33E-01	0.00E+00
ADULT	MEAT ING	3.15E-02	4.19E-01	6.64E-02	6.64E-02	8.42E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.57E+00	1.56E+01	2.33E+01	4.42E-01	7.91E-01	1.01E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 2 NAME=CPP NNE X= 1.3KM, Y= 2.8KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.48E+01	1.43E+01	1.10E+02	4.55E-01	4.58E-01	1.31E+01
INFANT	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
INFANT	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.60E+01	1.55E+01	1.11E+02	1.62E+00	1.62E+00	1.43E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.65E+00	1.24E+01	5.29E+01	1.92E-01	1.78E-01	1.31E+01
CHILD	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
CHILD	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
CHILD	VEG. ING	8.08E-02	1.05E+00	9.69E-02	9.69E-02	2.38E-01	0.00E+00
CHILD	MEAT ING	1.13E-02	1.50E-01	2.40E-02	2.40E-02	3.01E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.90E+00	1.47E+01	5.42E+01	1.48E+00	1.61E+00	1.43E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.62E+00	1.31E+01	2.76E+01	8.95E-02	9.70E-02	1.31E+01
TEENAGE	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
TEENAGE	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
TEENAGE	VEG. ING	1.32E-01	1.72E+00	1.57E-01	1.57E-01	3.90E-01	0.00E+00
TEENAGE	MEAT ING	1.83E-02	2.43E-01	3.89E-02	3.89E-02	4.89E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.93E+00	1.62E+01	2.89E+01	1.45E+00	1.70E+00	1.43E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.04E+00	1.27E+01	2.29E+01	7.51E-02	7.72E-02	1.31E+01
ADULT	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
ADULT	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
ADULT	VEG. ING	1.82E-01	2.36E+00	2.17E-01	2.17E-01	5.39E-01	0.00E+00
ADULT	MEAT ING	3.20E-02	4.25E-01	6.80E-02	6.80E-02	8.55E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.42E+00	1.67E+01	2.44E+01	1.52E+00	1.86E+00	1.43E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 3 NAME=CPP NE

X= 1.3KM, Y= 1.2KM, Z= 0.0M, DIST= 1.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.67E+01	3.73E+01	2.87E+02	1.02E+00	1.13E+00	0.00E+00
INFANT	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
INFANT	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.69E+01	3.75E+01	2.88E+02	1.29E+00	1.40E+00	2.63E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.79E+01	3.22E+01	1.38E+02	4.28E-01	4.35E-01	0.00E+00
CHILD	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
CHILD	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
CHILD	VEG. ING	2.08E-01	2.70E+00	2.45E-01	2.45E-01	6.15E-01	0.00E+00
CHILD	MEAT ING	2.90E-02	3.86E-01	6.11E-02	6.11E-02	7.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.84E+01	3.55E+01	1.39E+02	9.97E-01	1.39E+00	2.63E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.99E+00	3.42E+01	7.19E+01	2.02E-01	2.38E-01	0.00E+00
TEENAGE	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
TEENAGE	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
TEENAGE	VEG. ING	3.41E-01	4.43E+00	3.96E-01	3.96E-01	1.01E+00	0.00E+00
TEENAGE	MEAT ING	4.71E-02	6.26E-01	9.91E-02	9.91E-02	1.26E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.06E+01	3.95E+01	7.27E+01	9.61E-01	1.63E+00	2.63E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.50E+00	3.32E+01	5.99E+01	1.70E-01	1.89E-01	0.00E+00
ADULT	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
ADULT	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
ADULT	VEG. ING	4.71E-01	6.11E+00	5.47E-01	5.47E-01	1.39E+00	0.00E+00
ADULT	MEAT ING	8.22E-02	1.09E+00	1.73E-01	1.73E-01	2.20E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.31E+00	4.06E+01	6.08E+01	1.15E+00	2.06E+00	2.63E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 3 NAME=CPP NE

X= 1.3KM, Y= 1.2KM, Z= 0.0M, DIST= 1.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.80E+01	3.73E+01	2.87E+02	1.09E+00	1.16E+00	2.22E+01
INFANT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
INFANT	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.09E+01	4.02E+01	2.90E+02	4.00E+00	4.07E+00	2.51E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.92E+01	3.22E+01	1.38E+02	4.57E-01	4.47E-01	2.22E+01
CHILD	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
CHILD	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
CHILD	VEG. ING	2.09E-01	2.72E+00	2.48E-01	2.48E-01	6.18E-01	0.00E+00
CHILD	MEAT ING	2.92E-02	3.88E-01	6.17E-02	6.17E-02	7.79E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.24E+01	3.82E+01	1.41E+02	3.68E+00	4.06E+00	2.51E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.13E+01	3.42E+01	7.19E+01	2.15E-01	2.44E-01	2.22E+01
TEENAGE	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
TEENAGE	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
TEENAGE	VEG. ING	3.43E-01	4.45E+00	4.01E-01	4.01E-01	1.01E+00	0.00E+00
TEENAGE	MEAT ING	4.73E-02	6.29E-01	1.00E-01	1.00E-01	1.26E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.46E+01	4.22E+01	7.53E+01	3.63E+00	4.30E+00	2.51E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.83E+00	3.32E+01	5.99E+01	1.80E-01	1.94E-01	2.22E+01
ADULT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
ADULT	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
ADULT	VEG. ING	4.73E-01	6.13E+00	5.55E-01	5.55E-01	1.40E+00	0.00E+00
ADULT	MEAT ING	8.27E-02	1.10E+00	1.75E-01	1.75E-01	2.21E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.33E+01	4.33E+01	6.35E+01	3.82E+00	4.73E+00	2.51E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 4 NAME=CPP ENE X= 2.9KM, Y= 1.1KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.66E+01	1.69E+01	1.30E+02	4.63E-01	5.12E-01	0.00E+00
INFANT	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
INFANT	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.67E+01	1.70E+01	1.30E+02	5.82E-01	6.31E-01	1.19E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.09E+00	1.46E+01	6.24E+01	1.94E-01	1.97E-01	0.00E+00
CHILD	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
CHILD	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
CHILD	VEG. ING	9.43E-02	1.22E+00	1.11E-01	1.11E-01	2.78E-01	0.00E+00
CHILD	MEAT ING	1.31E-02	1.74E-01	2.76E-02	2.76E-02	3.50E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.32E+00	1.61E+01	6.27E+01	4.51E-01	6.29E-01	1.19E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.52E+00	1.55E+01	3.25E+01	9.16E-02	1.08E-01	0.00E+00
TEENAGE	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
TEENAGE	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
TEENAGE	VEG. ING	1.54E-01	2.00E+00	1.79E-01	1.79E-01	4.56E-01	0.00E+00
TEENAGE	MEAT ING	2.13E-02	2.83E-01	4.49E-02	4.49E-02	5.69E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.81E+00	1.79E+01	3.29E+01	4.35E-01	7.39E-01	1.19E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.84E+00	1.50E+01	2.71E+01	7.69E-02	8.55E-02	0.00E+00
ADULT	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
ADULT	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
ADULT	VEG. ING	2.13E-01	2.76E+00	2.48E-01	2.48E-01	6.30E-01	0.00E+00
ADULT	MEAT ING	3.72E-02	4.95E-01	7.84E-02	7.84E-02	9.94E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.21E+00	1.84E+01	2.75E+01	5.22E-01	9.34E-01	1.19E-01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 4 NAME=CPP ENE

X= 2.9KM, Y= 1.1KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.75E+01	1.69E+01	1.30E+02	5.31E-01	5.39E-01	1.46E+01
INFANT	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
INFANT	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.88E+01	1.82E+01	1.31E+02	1.88E+00	1.89E+00	1.60E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.97E+00	1.46E+01	6.24E+01	2.24E-01	2.09E-01	1.46E+01
CHILD	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
CHILD	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
CHILD	VEG. ING	9.53E-02	1.24E+00	1.14E-01	1.14E-01	2.81E-01	0.00E+00
CHILD	MEAT ING	1.33E-02	1.77E-01	2.82E-02	2.82E-02	3.55E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.04E+01	1.73E+01	6.39E+01	1.72E+00	1.88E+00	1.60E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.40E+00	1.55E+01	3.25E+01	1.04E-01	1.14E-01	1.46E+01
TEENAGE	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
TEENAGE	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
TEENAGE	VEG. ING	1.56E-01	2.02E+00	1.85E-01	1.85E-01	4.60E-01	0.00E+00
TEENAGE	MEAT ING	2.16E-02	2.87E-01	4.59E-02	4.59E-02	5.77E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	-0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.93E+00	1.92E+01	3.41E+01	1.69E+00	1.98E+00	1.60E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.72E+00	1.50E+01	2.71E+01	8.76E-02	9.06E-02	1.46E+01
ADULT	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
ADULT	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
ADULT	VEG. ING	2.15E-01	2.79E+00	2.55E-01	2.55E-01	6.36E-01	0.00E+00
ADULT	MEAT ING	3.77E-02	5.01E-01	8.01E-02	8.01E-02	1.01E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.33E+00	1.97E+01	2.88E+01	1.77E+00	2.18E+00	1.60E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 5 NAME=CPP E

X= 2.8KM, Y= -0.1KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.36E+01	2.40E+01	1.85E+02	6.58E-01	7.29E-01	0.00E+00
INFANT	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
INFANT	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.38E+01	2.42E+01	1.85E+02	8.28E-01	8.98E-01	1.69E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.15E+01	2.07E+01	8.88E+01	2.76E-01	2.80E-01	0.00E+00
CHILD	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
CHILD	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
CHILD	VEG. ING	1.34E-01	1.74E+00	1.57E-01	1.57E-01	3.96E-01	0.00E+00
CHILD	MEAT ING	1.87E-02	2.48E-01	3.93E-02	3.93E-02	4.98E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.18E+01	2.29E+01	8.92E+01	6.42E-01	8.95E-01	1.69E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.43E+00	2.20E+01	4.63E+01	1.30E-01	1.53E-01	0.00E+00
TEENAGE	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
TEENAGE	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
TEENAGE	VEG. ING	2.20E-01	2.85E+00	2.55E-01	2.55E-01	6.48E-01	0.00E+00
TEENAGE	MEAT ING	3.03E-02	4.03E-01	6.38E-02	6.38E-02	8.09E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.85E+00	2.54E+01	4.68E+01	6.18E-01	1.05E+00	1.69E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.47E+00	2.13E+01	3.85E+01	1.09E-01	1.22E-01	0.00E+00
ADULT	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
ADULT	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
ADULT	VEG. ING	3.03E-01	3.93E+00	3.52E-01	3.52E-01	8.96E-01	0.00E+00
ADULT	MEAT ING	5.29E-02	7.04E-01	1.12E-01	1.12E-01	1.41E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.99E+00	2.61E+01	3.91E+01	7.43E-01	1.33E+00	1.69E-01

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 5 NAME=CPP E

X= 2.8KM, Y= -0.1KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.51E+01	2.40E+01	1.85E+02	7.32E-01	7.57E-01	2.48E+01
INFANT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
INFANT	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.70E+01	2.59E+01	1.87E+02	2.63E+00	2.65E+00	2.67E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.30E+01	2.07E+01	8.88E+01	3.08E-01	2.93E-01	2.48E+01
CHILD	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
CHILD	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
CHILD	VEG. ING	1.35E-01	1.75E+00	1.61E-01	1.61E-01	3.99E-01	0.00E+00
CHILD	MEAT ING	1.89E-02	2.50E-01	4.00E-02	4.00E-02	5.04E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.51E+01	2.46E+01	9.09E+01	2.41E+00	2.64E+00	2.67E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.92E+00	2.20E+01	4.63E+01	1.44E-01	1.60E-01	2.48E+01
TEENAGE	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
TEENAGE	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
TEENAGE	VEG. ING	2.21E-01	2.87E+00	2.61E-01	2.61E-01	6.53E-01	0.00E+00
TEENAGE	MEAT ING	3.06E-02	4.06E-01	6.49E-02	6.49E-02	8.17E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.01E+01	2.72E+01	4.85E+01	2.37E+00	2.79E+00	2.67E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.96E+00	2.14E+01	3.85E+01	1.21E-01	1.27E-01	2.48E+01
ADULT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
ADULT	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
ADULT	VEG. ING	3.05E-01	3.96E+00	3.61E-01	3.61E-01	9.03E-01	0.00E+00
ADULT	MEAT ING	5.35E-02	7.10E-01	1.13E-01	1.13E-01	1.43E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.21E+00	2.79E+01	4.09E+01	2.49E+00	3.07E+00	2.67E+01

1REGION: B Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 6 NAME=CPP ESE

X= 2.8KM, Y= -1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.36E+01	2.40E+01	1.85E+02	6.59E-01	7.29E-01	0.00E+00
INFANT	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
INFANT	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.38E+01	2.42E+01	1.85E+02	8.28E-01	8.99E-01	1.70E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.15E+01	2.07E+01	8.89E+01	2.76E-01	2.80E-01	0.00E+00
CHILD	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
CHILD	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
CHILD	VEG. ING	1.34E-01	1.74E+00	1.58E-01	1.58E-01	3.96E-01	0.00E+00
CHILD	MEAT ING	1.87E-02	2.48E-01	3.93E-02	3.93E-02	4.99E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.18E+01	2.29E+01	8.93E+01	6.42E-01	8.95E-01	1.70E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.43E+00	2.20E+01	4.63E+01	1.30E-01	1.53E-01	0.00E+00
TEENAGE	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
TEENAGE	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
TEENAGE	VEG. ING	2.20E-01	2.85E+00	2.55E-01	2.55E-01	6.49E-01	0.00E+00
TEENAGE	MEAT ING	3.03E-02	4.03E-01	6.39E-02	6.39E-02	8.09E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.85E+00	2.54E+01	4.68E+01	6.19E-01	1.05E+00	1.70E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.47E+00	2.14E+01	3.85E+01	1.09E-01	1.22E-01	0.00E+00
ADULT	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
ADULT	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
ADULT	VEG. ING	3.03E-01	3.93E+00	3.53E-01	3.53E-01	8.96E-01	0.00E+00
ADULT	MEAT ING	5.30E-02	7.05E-01	1.12E-01	1.12E-01	1.41E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.00E+00	2.62E+01	3.92E+01	7.43E-01	1.33E+00	1.70E-01

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 6 NAME=CPP ESE

X= 2.8KM, Y= -1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.67E+01	2.40E+01	1.85E+02	7.52E-01	7.66E-01	5.20E+01
INFANT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
INFANT	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.87E+01	2.60E+01	1.87E+02	2.70E+00	2.71E+00	5.39E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.46E+01	2.07E+01	8.89E+01	3.18E-01	2.97E-01	5.20E+01
CHILD	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
CHILD	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
CHILD	VEG. ING	1.36E-01	1.76E+00	1.62E-01	1.62E-01	4.00E-01	0.00E+00
CHILD	MEAT ING	1.89E-02	2.51E-01	4.02E-02	4.02E-02	5.05E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.67E+01	2.47E+01	9.10E+01	2.47E+00	2.70E+00	5.39E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.55E+00	2.20E+01	4.63E+01	1.48E-01	1.62E-01	5.20E+01
TEENAGE	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
TEENAGE	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
TEENAGE	VEG. ING	2.22E-01	2.88E+00	2.63E-01	2.63E-01	6.55E-01	0.00E+00
TEENAGE	MEAT ING	3.07E-02	4.08E-01	6.52E-02	6.52E-02	8.20E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.18E+01	2.73E+01	4.86E+01	2.42E+00	2.85E+00	5.39E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.59E+00	2.14E+01	3.85E+01	1.24E-01	1.29E-01	5.20E+01
ADULT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
ADULT	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
ADULT	VEG. ING	3.06E-01	3.97E+00	3.63E-01	3.63E-01	9.05E-01	0.00E+00
ADULT	MEAT ING	5.37E-02	7.13E-01	1.14E-01	1.14E-01	1.43E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.09E+01	2.80E+01	4.10E+01	2.55E+00	3.12E+00	5.39E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 7 NAME=CPP SSE

X= 1.0KM, Y= -2.5KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.17E+01	4.24E+01	3.27E+02	1.16E+00	1.29E+00	0.00E+00
INFANT	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
INFANT	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.20E+01	4.27E+01	3.27E+02	1.46E+00	1.59E+00	2.99E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.03E+01	3.66E+01	1.57E+02	4.87E-01	4.94E-01	0.00E+00
CHILD	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
CHILD	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
CHILD	VEG. ING	2.37E-01	3.08E+00	2.78E-01	2.78E-01	6.99E-01	0.00E+00
CHILD	MEAT ING	3.30E-02	4.39E-01	6.95E-02	6.95E-02	8.81E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.09E+01	4.04E+01	1.58E+02	1.13E+00	1.58E+00	2.99E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.14E+01	3.89E+01	8.18E+01	2.30E-01	2.71E-01	0.00E+00
TEENAGE	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
TEENAGE	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
TEENAGE	VEG. ING	3.88E-01	5.04E+00	4.51E-01	4.51E-01	1.15E+00	0.00E+00
TEENAGE	MEAT ING	5.35E-02	7.12E-01	1.13E-01	1.13E-01	1.43E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.21E+01	4.49E+01	8.26E+01	1.09E+00	1.86E+00	2.99E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.66E+00	3.77E+01	6.80E+01	1.93E-01	2.15E-01	0.00E+00
ADULT	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
ADULT	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
ADULT	VEG. ING	5.35E-01	6.95E+00	6.23E-01	6.23E-01	1.58E+00	0.00E+00
ADULT	MEAT ING	9.36E-02	1.24E+00	1.97E-01	1.97E-01	2.50E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.06E+01	4.62E+01	6.92E+01	1.31E+00	2.35E+00	2.99E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 7 NAME=CPP SSE

X= 1.0KM, Y= -2.5KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.45E+01	4.24E+01	3.27E+02	1.32E+00	1.35E+00	4.71E+01
INFANT	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
INFANT	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.80E+01	4.59E+01	3.30E+02	4.75E+00	4.78E+00	5.06E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.32E+01	3.66E+01	1.57E+02	5.57E-01	5.23E-01	4.71E+01
CHILD	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
CHILD	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
CHILD	VEG. ING	2.39E-01	3.10E+00	2.86E-01	2.86E-01	7.06E-01	0.00E+00
CHILD	MEAT ING	3.34E-02	4.43E-01	7.09E-02	7.09E-02	8.92E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.69E+01	4.36E+01	1.61E+02	4.35E+00	4.75E+00	5.06E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.42E+01	3.89E+01	8.18E+01	2.60E-01	2.85E-01	4.71E+01
TEENAGE	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
TEENAGE	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
TEENAGE	VEG. ING	3.92E-01	5.08E+00	4.64E-01	4.64E-01	1.16E+00	0.00E+00
TEENAGE	MEAT ING	5.42E-02	7.20E-01	1.15E-01	1.15E-01	1.45E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.81E+01	4.82E+01	8.58E+01	4.27E+00	5.02E+00	5.06E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.25E+01	3.77E+01	6.80E+01	2.18E-01	2.27E-01	4.71E+01
ADULT	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
ADULT	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
ADULT	VEG. ING	5.41E-01	7.01E+00	6.41E-01	6.41E-01	1.60E+00	0.00E+00
ADULT	MEAT ING	9.48E-02	1.26E+00	2.01E-01	2.01E-01	2.53E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.66E+01	4.94E+01	7.23E+01	4.49E+00	5.51E+00	5.06E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/20
DURATION IN YRS IS...100.0

NUMBER 8 NAME=CPP SE X= 2.0KM, Y= -2.1KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.78E+01	2.83E+01	2.18E+02	7.75E-01	8.58E-01	0.00E+00
INFANT	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
INFANT	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.80E+01	2.85E+01	2.18E+02	9.75E-01	1.06E+00	1.99E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.36E+01	2.44E+01	1.05E+02	3.25E-01	3.29E-01	0.00E+00
CHILD	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
CHILD	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
CHILD	VEG. ING	1.58E-01	2.05E+00	1.85E-01	1.85E-01	4.66E-01	0.00E+00
CHILD	MEAT ING	2.20E-02	2.92E-01	4.63E-02	4.63E-02	5.87E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.39E+01	2.69E+01	1.05E+02	7.56E-01	1.05E+00	1.99E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.57E+00	2.59E+01	5.45E+01	1.53E-01	1.80E-01	0.00E+00
TEENAGE	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
TEENAGE	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
TEENAGE	VEG. ING	2.59E-01	3.36E+00	3.00E-01	3.00E-01	7.63E-01	0.00E+00
TEENAGE	MEAT ING	3.57E-02	4.74E-01	7.52E-02	7.52E-02	9.52E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.06E+00	2.99E+01	5.51E+01	7.28E-01	1.24E+00	1.99E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.44E+00	2.51E+01	4.53E+01	1.29E-01	1.43E-01	0.00E+00
ADULT	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
ADULT	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
ADULT	VEG. ING	3.57E-01	4.63E+00	4.15E-01	4.15E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	6.24E-02	8.29E-01	1.31E-01	1.31E-01	1.66E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.06E+00	3.08E+01	4.61E+01	8.75E-01	1.56E+00	1.99E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 8 NAME=CPP SE

X= 2.0KM, Y= -2.1KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.15E+01	2.83E+01	2.18E+02	9.06E-01	9.09E-01	6.15E+01
INFANT	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
INFANT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.38E+01	3.06E+01	2.20E+02	3.25E+00	3.25E+00	6.39E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.73E+01	2.44E+01	1.05E+02	3.83E-01	3.53E-01	6.15E+01
CHILD	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
CHILD	VEG. ING	1.60E-01	2.07E+00	1.92E-01	1.92E-01	4.71E-01	0.00E+00
CHILD	MEAT ING	2.23E-02	2.96E-01	4.75E-02	4.75E-02	5.96E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.98E+01	2.91E+01	1.07E+02	2.97E+00	3.23E+00	6.39E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.13E+01	2.60E+01	5.45E+01	1.78E-01	1.92E-01	6.15E+01
TEENAGE	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
TEENAGE	VEG. ING	2.62E-01	3.40E+00	3.11E-01	3.11E-01	7.72E-01	0.00E+00
TEENAGE	MEAT ING	3.62E-02	4.81E-01	7.71E-02	7.71E-02	9.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.39E+01	3.22E+01	5.72E+01	2.91E+00	3.41E+00	6.39E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.01E+01	2.52E+01	4.53E+01	1.50E-01	1.53E-01	6.15E+01
ADULT	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ADULT	VEG. ING	3.61E-01	4.68E+00	4.30E-01	4.30E-01	1.07E+00	0.00E+00
ADULT	MEAT ING	6.33E-02	8.41E-01	1.35E-01	1.35E-01	1.69E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.29E+01	3.30E+01	4.83E+01	3.06E+00	3.74E+00	6.39E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 9 NAME=CPP S X= -0.1KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.24E+01	9.39E+01	7.24E+02	2.58E+00	2.85E+00	0.00E+00
INFANT	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01
INFANT	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.30E+01	9.45E+01	7.24E+02	3.24E+00	3.51E+00	6.63E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.51E+01	8.11E+01	3.48E+02	1.08E+00	1.09E+00	0.00E+00
CHILD	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01
CHILD	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
CHILD	VEG. ING	5.25E-01	6.82E+00	6.16E-01	6.16E-01	1.55E+00	0.00E+00
CHILD	MEAT ING	7.31E-02	9.72E-01	1.54E-01	1.54E-01	1.95E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.63E+01	8.95E+01	3.49E+02	2.51E+00	3.50E+00	6.63E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.51E+01	8.61E+01	1.81E+02	5.10E-01	5.99E-01	0.00E+00
TEENAGE	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01
TEENAGE	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
TEENAGE	VEG. ING	8.60E-01	1.12E+01	9.98E-01	9.98E-01	2.54E+00	0.00E+00
TEENAGE	MEAT ING	1.19E-01	1.58E+00	2.50E-01	2.50E-01	3.17E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.68E+01	9.95E+01	1.83E+02	2.42E+00	4.12E+00	6.63E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.14E+01	8.35E+01	1.51E+02	4.28E-01	4.76E-01	0.00E+00
ADULT	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01
ADULT	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
ADULT	VEG. ING	1.19E+00	1.54E+01	1.38E+00	1.38E+00	3.51E+00	0.00E+00
ADULT	MEAT ING	2.07E-01	2.76E+00	4.37E-01	4.37E-01	5.53E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.34E+01	1.02E+02	1.53E+02	2.91E+00	5.20E+00	6.63E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 9 NAME=CPP S

X= -0.1KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.45E+01	9.39E+01	7.24E+02	2.75E+00	2.92E+00	3.50E+01
INFANT	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
INFANT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.02E+02	1.01E+02	7.31E+02	1.01E+01	1.02E+01	4.23E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.72E+01	8.11E+01	3.48E+02	1.16E+00	1.13E+00	3.50E+01
CHILD	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
CHILD	VEG. ING	5.28E-01	6.85E+00	6.25E-01	6.25E-01	1.56E+00	0.00E+00
CHILD	MEAT ING	7.35E-02	9.77E-01	1.56E-01	1.56E-01	1.96E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	5.51E+01	9.62E+01	3.56E+02	9.26E+00	1.02E+01	4.23E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.72E+01	8.61E+01	1.81E+02	5.43E-01	6.16E-01	3.50E+01
TEENAGE	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
TEENAGE	VEG. ING	8.64E-01	1.12E+01	1.01E+00	1.01E+00	2.55E+00	0.00E+00
TEENAGE	MEAT ING	1.19E-01	1.59E+00	2.52E-01	2.52E-01	3.19E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.55E+01	1.06E+02	1.90E+02	9.13E+00	1.08E+01	4.23E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.35E+01	8.35E+01	1.51E+02	4.56E-01	4.89E-01	3.50E+01
ADULT	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ADULT	VEG. ING	1.19E+00	1.55E+01	1.40E+00	1.40E+00	3.52E+00	0.00E+00
ADULT	MEAT ING	2.09E-01	2.77E+00	4.41E-01	4.41E-01	5.57E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.22E+01	1.09E+02	1.60E+02	9.61E+00	1.19E+01	4.23E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 10 NAME=CPP SSW

X= -1.3KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.82E+01	2.87E+01	2.21E+02	7.88E-01	8.72E-01	0.00E+00
INFANT	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
INFANT	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.84E+01	2.89E+01	2.21E+02	9.90E-01	1.07E+00	2.03E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.38E+01	2.48E+01	1.06E+02	3.30E-01	3.35E-01	0.00E+00
CHILD	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
CHILD	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
CHILD	VEG. ING	1.61E-01	2.08E+00	1.88E-01	1.88E-01	4.73E-01	0.00E+00
CHILD	MEAT ING	2.23E-02	2.97E-01	4.71E-02	4.71E-02	5.96E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.42E+01	2.74E+01	1.07E+02	7.68E-01	1.07E+00	2.03E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.69E+00	2.63E+01	5.53E+01	1.56E-01	1.83E-01	0.00E+00
TEENAGE	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
TEENAGE	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
TEENAGE	VEG. ING	2.63E-01	3.41E+00	3.05E-01	3.05E-01	7.75E-01	0.00E+00
TEENAGE	MEAT ING	3.63E-02	4.82E-01	7.64E-02	7.64E-02	9.68E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.19E+00	3.04E+01	5.59E+01	7.40E-01	1.26E+00	2.03E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.54E+00	2.55E+01	4.61E+01	1.31E-01	1.45E-01	0.00E+00
ADULT	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
ADULT	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
ADULT	VEG. ING	3.62E-01	4.70E+00	4.22E-01	4.22E-01	1.07E+00	0.00E+00
ADULT	MEAT ING	6.34E-02	8.43E-01	1.34E-01	1.34E-01	1.69E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.17E+00	3.13E+01	4.68E+01	8.89E-01	1.59E+00	2.03E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 10 NAME=CPP SSW

X= -1.3KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.97E+01	2.87E+01	2.21E+02	9.78E-01	9.46E-01	2.51E+01
INFANT	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
INFANT	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.21E+01	3.11E+01	2.23E+02	3.32E+00	3.29E+00	2.75E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.53E+01	2.48E+01	1.06E+02	4.14E-01	3.69E-01	2.51E+01
CHILD	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
CHILD	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
CHILD	VEG. ING	1.63E-01	2.12E+00	1.98E-01	1.98E-01	4.81E-01	0.00E+00
CHILD	MEAT ING	2.28E-02	3.03E-01	4.88E-02	4.88E-02	6.10E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.78E+01	2.96E+01	1.09E+02	3.01E+00	3.26E+00	2.75E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.20E+00	2.64E+01	5.53E+01	1.92E-01	2.01E-01	2.51E+01
TEENAGE	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
TEENAGE	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
TEENAGE	VEG. ING	2.67E-01	3.47E+00	3.21E-01	3.21E-01	7.88E-01	0.00E+00
TEENAGE	MEAT ING	3.71E-02	4.92E-01	7.92E-02	7.92E-02	9.90E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.19E+01	3.27E+01	5.81E+01	2.94E+00	3.44E+00	2.75E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.05E+00	2.56E+01	4.61E+01	1.61E-01	1.60E-01	2.51E+01
ADULT	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
ADULT	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
ADULT	VEG. ING	3.69E-01	4.78E+00	4.44E-01	4.44E-01	1.09E+00	0.00E+00
ADULT	MEAT ING	6.48E-02	8.59E-01	1.38E-01	1.38E-01	1.73E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.08E+01	3.36E+01	4.90E+01	3.09E+00	3.77E+00	2.75E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/25
DURATION IN YRS IS...100.0

NUMBER 11 NAME=CPP SW

X= -2.1KM, Y= -2.0KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.01E+01	2.04E+01	1.57E+02	5.60E-01	6.20E-01	0.00E+00
INFANT	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
INFANT	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.02E+01	2.06E+01	1.57E+02	7.04E-01	7.64E-01	1.44E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.79E+00	1.76E+01	7.55E+01	2.35E-01	2.38E-01	0.00E+00
CHILD	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
CHILD	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
CHILD	VEG. ING	1.14E-01	1.48E+00	1.34E-01	1.34E-01	3.36E-01	0.00E+00
CHILD	MEAT ING	1.59E-02	2.11E-01	3.35E-02	3.35E-02	4.24E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.01E+01	1.95E+01	7.58E+01	5.46E-01	7.61E-01	1.44E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.46E+00	1.87E+01	3.93E+01	1.11E-01	1.30E-01	0.00E+00
TEENAGE	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
TEENAGE	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
TEENAGE	VEG. ING	1.87E-01	2.43E+00	2.17E-01	2.17E-01	5.51E-01	0.00E+00
TEENAGE	MEAT ING	2.58E-02	3.43E-01	5.43E-02	5.43E-02	6.88E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.82E+00	2.16E+01	3.97E+01	5.26E-01	8.94E-01	1.44E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.65E+00	1.82E+01	3.27E+01	9.31E-02	1.03E-01	0.00E+00
ADULT	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
ADULT	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
ADULT	VEG. ING	2.58E-01	3.34E+00	3.00E-01	3.00E-01	7.61E-01	0.00E+00
ADULT	MEAT ING	4.50E-02	5.99E-01	9.49E-02	9.49E-02	1.20E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.09E+00	2.22E+01	3.33E+01	6.32E-01	1.13E+00	1.44E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 11 NAME=CPP SW

X= -2.1KM, Y= -2.0KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.15E+01	2.04E+01	1.57E+02	7.27E-01	6.85E-01	2.39E+01
INFANT	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00
INFANT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.32E+01	2.22E+01	1.59E+02	2.44E+00	2.40E+00	2.56E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.12E+01	1.77E+01	7.55E+01	3.09E-01	2.68E-01	2.39E+01
CHILD	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00
CHILD	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
CHILD	VEG. ING	1.17E-01	1.51E+00	1.42E-01	1.42E-01	3.43E-01	0.00E+00
CHILD	MEAT ING	1.63E-02	2.16E-01	3.50E-02	3.50E-02	4.36E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.31E+01	2.11E+01	7.74E+01	2.20E+00	2.37E+00	2.56E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.90E+00	1.88E+01	3.93E+01	1.43E-01	1.46E-01	2.39E+01
TEENAGE	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00
TEENAGE	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
TEENAGE	VEG. ING	1.91E-01	2.47E+00	2.31E-01	2.31E-01	5.62E-01	0.00E+00
TEENAGE	MEAT ING	2.65E-02	3.51E-01	5.68E-02	5.68E-02	7.08E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.83E+00	2.33E+01	4.13E+01	2.14E+00	2.49E+00	2.56E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.08E+00	1.82E+01	3.27E+01	1.20E-01	1.16E-01	2.39E+01
ADULT	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00
ADULT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
ADULT	VEG. ING	2.63E-01	3.41E+00	3.19E-01	3.19E-01	7.77E-01	0.00E+00
ADULT	MEAT ING	4.63E-02	6.13E-01	9.92E-02	9.92E-02	1.24E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.10E+00	2.39E+01	3.49E+01	2.25E+00	2.73E+00	2.56E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 0
08/21
DURATION IN YRS IS...100.0

NUMBER 12 NAME=CPP WSW

X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.27E+01	5.36E+01	4.13E+02	1.47E+00	1.63E+00	0.00E+00
INFANT	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
INFANT	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.31E+01	5.40E+01	4.13E+02	1.85E+00	2.01E+00	3.78E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.57E+01	4.63E+01	1.98E+02	6.16E-01	6.25E-01	0.00E+00
CHILD	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
CHILD	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
CHILD	VEG. ING	3.00E-01	3.89E+00	3.52E-01	3.52E-01	8.84E-01	0.00E+00
CHILD	MEAT ING	4.17E-02	5.55E-01	8.79E-02	8.79E-02	1.11E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.64E+01	5.11E+01	1.99E+02	1.43E+00	2.00E+00	3.78E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.44E+01	4.91E+01	1.03E+02	2.91E-01	3.42E-01	0.00E+00
TEENAGE	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
TEENAGE	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
TEENAGE	VEG. ING	4.91E-01	6.37E+00	5.70E-01	5.70E-01	1.45E+00	0.00E+00
TEENAGE	MEAT ING	6.77E-02	9.00E-01	1.43E-01	1.43E-01	1.81E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.53E+01	5.68E+01	1.04E+02	1.38E+00	2.35E+00	3.78E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.22E+01	4.77E+01	8.60E+01	2.44E-01	2.71E-01	0.00E+00
ADULT	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
ADULT	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
ADULT	VEG. ING	6.77E-01	8.78E+00	7.87E-01	7.87E-01	2.00E+00	0.00E+00
ADULT	MEAT ING	1.18E-01	1.57E+00	2.49E-01	2.49E-01	3.16E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.34E+01	5.84E+01	8.74E+01	1.66E+00	2.97E+00	3.78E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 12 NAME=CPP WSW

X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.43E+01	5.36E+01	4.13E+02	1.57E+00	1.67E+00	2.68E+01
INFANT	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
INFANT	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.85E+01	5.78E+01	4.17E+02	5.76E+00	5.86E+00	3.10E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.73E+01	4.63E+01	1.98E+02	6.60E-01	6.43E-01	2.68E+01
CHILD	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
CHILD	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
CHILD	VEG. ING	3.01E-01	3.91E+00	3.57E-01	3.57E-01	8.88E-01	0.00E+00
CHILD	MEAT ING	4.20E-02	5.58E-01	8.88E-02	8.88E-02	1.12E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.19E+01	5.49E+01	2.03E+02	5.30E+00	5.83E+00	3.10E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.60E+01	4.92E+01	1.03E+02	3.10E-01	3.51E-01	2.68E+01
TEENAGE	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
TEENAGE	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
TEENAGE	VEG. ING	4.93E-01	6.40E+00	5.78E-01	5.78E-01	1.45E+00	0.00E+00
TEENAGE	MEAT ING	6.81E-02	9.05E-01	1.44E-01	1.44E-01	1.82E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.07E+01	6.07E+01	1.08E+02	5.22E+00	6.18E+00	3.10E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.38E+01	4.77E+01	8.60E+01	2.60E-01	2.79E-01	2.68E+01
ADULT	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
ADULT	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
ADULT	VEG. ING	6.80E-01	8.82E+00	7.99E-01	7.99E-01	2.01E+00	0.00E+00
ADULT	MEAT ING	1.19E-01	1.58E+00	2.52E-01	2.52E-01	3.18E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.88E+01	6.23E+01	9.12E+01	5.50E+00	6.80E+00	3.10E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 13 NAME=CPP W

X= -2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.01E+01	3.07E+01	2.36E+02	8.41E-01	9.31E-01	0.00E+00
INFANT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
INFANT	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.03E+01	3.09E+01	2.36E+02	1.06E+00	1.15E+00	2.16E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.47E+01	2.65E+01	1.13E+02	3.52E-01	3.57E-01	0.00E+00
CHILD	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
CHILD	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
CHILD	VEG. ING	1.71E-01	2.22E+00	2.01E-01	2.01E-01	5.05E-01	0.00E+00
CHILD	MEAT ING	2.38E-02	3.17E-01	5.02E-02	5.02E-02	6.36E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.51E+01	2.92E+01	1.14E+02	8.20E-01	1.14E+00	2.16E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.20E+00	2.81E+01	5.91E+01	1.66E-01	1.96E-01	0.00E+00
TEENAGE	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
TEENAGE	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
TEENAGE	VEG. ING	2.80E-01	3.64E+00	3.26E-01	3.26E-01	8.28E-01	0.00E+00
TEENAGE	MEAT ING	3.87E-02	5.15E-01	8.15E-02	8.15E-02	1.03E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.74E+00	3.25E+01	5.97E+01	7.90E-01	1.34E+00	2.16E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.98E+00	2.73E+01	4.91E+01	1.40E-01	1.55E-01	0.00E+00
ADULT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
ADULT	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
ADULT	VEG. ING	3.87E-01	5.02E+00	4.50E-01	4.50E-01	1.14E+00	0.00E+00
ADULT	MEAT ING	6.76E-02	8.99E-01	1.43E-01	1.43E-01	1.81E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.65E+00	3.34E+01	4.99E+01	9.49E-01	1.70E+00	2.16E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/25
DURATION IN YRS IS...100.0

NUMBER 13 NAME=CPP W

X= -2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.19E+01	3.07E+01	2.36E+02	9.46E-01	9.71E-01	2.94E+01
INFANT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
INFANT	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.44E+01	3.32E+01	2.38E+02	3.43E+00	3.45E+00	3.19E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.65E+01	2.65E+01	1.13E+02	3.99E-01	3.76E-01	2.94E+01
CHILD	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
CHILD	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
CHILD	VEG. ING	1.73E-01	2.24E+00	2.06E-01	2.06E-01	5.09E-01	0.00E+00
CHILD	MEAT ING	2.41E-02	3.20E-01	5.12E-02	5.12E-02	6.44E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.91E+01	3.15E+01	1.16E+02	3.14E+00	3.43E+00	3.19E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.97E+00	2.82E+01	5.91E+01	1.86E-01	2.05E-01	2.94E+01
TEENAGE	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
TEENAGE	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
TEENAGE	VEG. ING	2.83E-01	3.67E+00	3.34E-01	3.34E-01	8.35E-01	0.00E+00
TEENAGE	MEAT ING	3.91E-02	5.20E-01	8.31E-02	8.31E-02	1.05E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.28E+01	3.48E+01	6.20E+01	3.09E+00	3.63E+00	3.19E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.74E+00	2.73E+01	4.91E+01	1.56E-01	1.63E-01	2.94E+01
ADULT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
ADULT	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
ADULT	VEG. ING	3.90E-01	5.06E+00	4.62E-01	4.62E-01	1.15E+00	0.00E+00
ADULT	MEAT ING	6.84E-02	9.09E-01	1.45E-01	1.45E-01	1.83E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.17E+01	3.57E+01	5.22E+01	3.25E+00	3.98E+00	3.19E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 14 NAME=CPP WNW X= -2.1KM, Y= 0.9KM, Z= 0.0M, DIST= 2.2KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.41E+01	3.47E+01	2.67E+02	9.52E-01	1.05E+00	0.00E+00
INFANT	GROUND	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01
INFANT	CLOUD	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.43E+01	3.50E+01	2.67E+02	1.20E+00	1.30E+00	2.45E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.66E+01	3.00E+01	1.28E+02	3.99E-01	4.04E-01	0.00E+00
CHILD	GROUND	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01
CHILD	CLOUD	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07
CHILD	VEG. ING	1.94E-01	2.52E+00	2.28E-01	2.28E-01	5.72E-01	0.00E+00
CHILD	MEAT ING	2.70E-02	3.59E-01	5.69E-02	5.69E-02	7.20E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.71E+01	3.31E+01	1.29E+02	9.28E-01	1.29E+00	2.45E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.28E+00	3.18E+01	6.68E+01	1.88E-01	2.21E-01	0.00E+00
TEENAGE	GROUND	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01
TEENAGE	CLOUD	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07
TEENAGE	VEG. ING	3.17E-01	4.12E+00	3.69E-01	3.69E-01	9.37E-01	0.00E+00
TEENAGE	MEAT ING	4.38E-02	5.83E-01	9.23E-02	9.23E-02	1.17E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.89E+00	3.68E+01	6.76E+01	8.94E-01	1.52E+00	2.45E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.90E+00	3.09E+01	5.56E+01	1.58E-01	1.76E-01	0.00E+00
ADULT	GROUND	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01
ADULT	CLOUD	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07
ADULT	VEG. ING	4.38E-01	5.68E+00	5.10E-01	5.10E-01	1.29E+00	0.00E+00
ADULT	MEAT ING	7.66E-02	1.02E+00	1.61E-01	1.61E-01	2.04E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.66E+00	3.78E+01	5.65E+01	1.07E+00	1.92E+00	2.45E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21 DURATION IN YRS IS...100.0

NUMBER 14 NAME=CPP WNW

X= -2.1KM, Y= 0.9KM, Z= 0.0M, DIST= 2.2KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.60E+01	3.47E+01	2.67E+02	1.03E+00	1.08E+00	3.09E+01
INFANT	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
INFANT	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.87E+01	3.75E+01	2.70E+02	3.81E+00	3.86E+00	3.37E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.85E+01	3.00E+01	1.28E+02	4.35E-01	4.19E-01	3.09E+01
CHILD	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
CHILD	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
CHILD	VEG. ING	1.95E-01	2.53E+00	2.32E-01	2.32E-01	5.75E-01	0.00E+00
CHILD	MEAT ING	2.72E-02	3.61E-01	5.76E-02	5.76E-02	7.26E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.15E+01	3.57E+01	1.31E+02	3.50E+00	3.85E+00	3.37E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.11E+01	3.19E+01	6.68E+01	2.04E-01	2.29E-01	3.09E+01
TEENAGE	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
TEENAGE	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
TEENAGE	VEG. ING	3.19E-01	4.14E+00	3.75E-01	3.75E-01	9.42E-01	0.00E+00
TEENAGE	MEAT ING	4.41E-02	5.86E-01	9.35E-02	9.35E-02	1.18E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.43E+01	3.94E+01	7.01E+01	3.45E+00	4.07E+00	3.37E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.76E+00	3.09E+01	5.56E+01	1.71E-01	1.82E-01	3.09E+01
ADULT	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
ADULT	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
ADULT	VEG. ING	4.41E-01	5.71E+00	5.19E-01	5.19E-01	1.30E+00	0.00E+00
ADULT	MEAT ING	7.72E-02	1.03E+00	1.63E-01	1.63E-01	2.06E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.31E+01	4.04E+01	5.91E+01	3.63E+00	4.47E+00	3.37E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 15 NAME=CPP NW

X= -2.4KM, Y= 2.5KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.45E+01	3.51E+01	2.70E+02	9.64E-01	1.07E+00	0.00E+00
INFANT	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
INFANT	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.47E+01	3.54E+01	2.70E+02	1.21E+00	1.31E+00	2.47E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.68E+01	3.03E+01	1.30E+02	4.04E-01	4.09E-01	0.00E+00
CHILD	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
CHILD	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
CHILD	VEG. ING	1.96E-01	2.55E+00	2.30E-01	2.30E-01	5.78E-01	0.00E+00
CHILD	MEAT ING	2.73E-02	3.63E-01	5.75E-02	5.75E-02	7.29E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.73E+01	3.35E+01	1.30E+02	9.39E-01	1.31E+00	2.47E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.39E+00	3.22E+01	6.76E+01	1.91E-01	2.24E-01	0.00E+00
TEENAGE	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
TEENAGE	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
TEENAGE	VEG. ING	3.21E-01	4.17E+00	3.73E-01	3.73E-01	9.47E-01	0.00E+00
TEENAGE	MEAT ING	4.43E-02	5.89E-01	9.34E-02	9.34E-02	1.18E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.00E+01	3.72E+01	6.83E+01	9.05E-01	1.54E+00	2.47E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.99E+00	3.12E+01	5.63E+01	1.60E-01	1.78E-01	0.00E+00
ADULT	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
ADULT	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
ADULT	VEG. ING	4.43E-01	5.75E+00	5.16E-01	5.16E-01	1.31E+00	0.00E+00
ADULT	MEAT ING	7.74E-02	1.03E+00	1.63E-01	1.63E-01	2.07E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.76E+00	3.83E+01	5.72E+01	1.09E+00	1.94E+00	2.47E-01

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 15 NAME=CPP NW

X= -2.4KM, Y= 2.5KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.66E+01	3.51E+01	2.70E+02	1.01E+00	1.08E+00	3.55E+01
INFANT	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.94E+01	3.79E+01	2.73E+02	3.78E+00	3.86E+00	3.83E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.90E+01	3.03E+01	1.30E+02	4.23E-01	4.17E-01	3.55E+01
CHILD	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
CHILD	VEG. ING	1.97E-01	2.55E+00	2.33E-01	2.33E-01	5.80E-01	0.00E+00
CHILD	MEAT ING	2.74E-02	3.64E-01	5.79E-02	5.79E-02	7.32E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.20E+01	3.60E+01	1.33E+02	3.49E+00	3.85E+00	3.83E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.15E+01	3.22E+01	6.76E+01	1.99E-01	2.28E-01	3.55E+01
TEENAGE	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
TEENAGE	VEG. ING	3.22E-01	4.18E+00	3.77E-01	3.77E-01	9.50E-01	0.00E+00
TEENAGE	MEAT ING	4.45E-02	5.91E-01	9.40E-02	9.40E-02	1.19E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.47E+01	3.98E+01	7.08E+01	3.45E+00	4.07E+00	3.83E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.01E+01	3.12E+01	5.63E+01	1.67E-01	1.81E-01	3.55E+01
ADULT	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
ADULT	VEG. ING	4.44E-01	5.76E+00	5.21E-01	5.21E-01	1.31E+00	0.00E+00
ADULT	MEAT ING	7.78E-02	1.03E+00	1.64E-01	1.64E-01	2.08E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.34E+01	4.08E+01	5.97E+01	3.63E+00	4.48E+00	3.83E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 16 NAME=CPP NNW

X= -1.1KM, Y= 2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.59E+01	2.63E+01	2.03E+02	7.23E-01	8.00E-01	0.00E+00
INFANT	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
INFANT	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.61E+01	2.65E+01	2.03E+02	9.09E-01	9.86E-01	1.86E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.26E+01	2.28E+01	9.75E+01	3.03E-01	3.07E-01	0.00E+00
CHILD	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
CHILD	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
CHILD	VEG. ING	1.47E-01	1.91E+00	1.73E-01	1.73E-01	4.34E-01	0.00E+00
CHILD	MEAT ING	2.05E-02	2.72E-01	4.32E-02	4.32E-02	5.47E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.30E+01	2.51E+01	9.79E+01	7.05E-01	9.82E-01	1.86E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.05E+00	2.42E+01	5.08E+01	1.43E-01	1.68E-01	0.00E+00
TEENAGE	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
TEENAGE	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
TEENAGE	VEG. ING	2.41E-01	3.13E+00	2.80E-01	2.80E-01	7.11E-01	0.00E+00
TEENAGE	MEAT ING	3.33E-02	4.42E-01	7.01E-02	7.01E-02	8.88E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.51E+00	2.79E+01	5.13E+01	6.79E-01	1.15E+00	1.86E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.00E+00	2.34E+01	4.23E+01	1.20E-01	1.33E-01	0.00E+00
ADULT	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
ADULT	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
ADULT	VEG. ING	3.32E-01	4.31E+00	3.87E-01	3.87E-01	9.83E-01	0.00E+00
ADULT	MEAT ING	5.81E-02	7.73E-01	1.22E-01	1.22E-01	1.55E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.58E+00	2.87E+01	4.30E+01	8.15E-01	1.46E+00	1.86E-01

1REGION: E Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 16 NAME=CPP NNW

X= -1.1KM, Y= 2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.71E+01	2.64E+01	2.03E+02	7.76E-01	8.21E-01	1.98E+01
INFANT	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
INFANT	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.92E+01	2.85E+01	2.05E+02	2.87E+00	2.91E+00	2.19E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.38E+01	2.28E+01	9.75E+01	3.26E-01	3.17E-01	1.98E+01
CHILD	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
CHILD	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
CHILD	VEG. ING	1.48E-01	1.92E+00	1.76E-01	1.76E-01	4.36E-01	0.00E+00
CHILD	MEAT ING	2.06E-02	2.74E-01	4.36E-02	4.36E-02	5.51E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.61E+01	2.70E+01	9.98E+01	2.64E+00	2.90E+00	2.19E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.24E+00	2.42E+01	5.08E+01	1.53E-01	1.73E-01	1.98E+01
TEENAGE	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
TEENAGE	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
TEENAGE	VEG. ING	2.42E-01	3.14E+00	2.84E-01	2.84E-01	7.15E-01	0.00E+00
TEENAGE	MEAT ING	3.35E-02	4.45E-01	7.08E-02	7.08E-02	8.94E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.06E+01	2.99E+01	5.32E+01	2.60E+00	3.07E+00	2.19E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.19E+00	2.34E+01	4.23E+01	1.29E-01	1.37E-01	1.98E+01
ADULT	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
ADULT	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
ADULT	VEG. ING	3.34E-01	4.33E+00	3.93E-01	3.93E-01	9.88E-01	0.00E+00
ADULT	MEAT ING	5.85E-02	7.78E-01	1.24E-01	1.24E-01	1.56E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.67E+00	3.07E+01	4.49E+01	2.74E+00	3.37E+00	2.19E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 17 NAME=SF N

X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.46E+01	2.51E+01	1.93E+02	6.88E-01	7.60E-01	0.00E+00
INFANT	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
INFANT	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.48E+01	2.52E+01	1.93E+02	8.64E-01	9.36E-01	1.76E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.20E+01	2.16E+01	9.25E+01	2.88E-01	2.92E-01	0.00E+00
CHILD	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
CHILD	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
CHILD	VEG. ING	1.40E-01	1.82E+00	1.64E-01	1.64E-01	4.12E-01	0.00E+00
CHILD	MEAT ING	1.95E-02	2.59E-01	4.10E-02	4.10E-02	5.20E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.23E+01	2.39E+01	9.29E+01	6.70E-01	9.32E-01	1.76E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.69E+00	2.30E+01	4.82E+01	1.36E-01	1.60E-01	0.00E+00
TEENAGE	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
TEENAGE	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
TEENAGE	VEG. ING	2.29E-01	2.97E+00	2.66E-01	2.66E-01	6.75E-01	0.00E+00
TEENAGE	MEAT ING	3.16E-02	4.20E-01	6.66E-02	6.66E-02	8.43E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.13E+00	2.65E+01	4.87E+01	6.45E-01	1.10E+00	1.76E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.69E+00	2.23E+01	4.01E+01	1.14E-01	1.27E-01	0.00E+00
ADULT	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
ADULT	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
ADULT	VEG. ING	3.16E-01	4.10E+00	3.68E-01	3.68E-01	9.33E-01	0.00E+00
ADULT	MEAT ING	5.52E-02	7.35E-01	1.16E-01	1.16E-01	1.47E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.24E+00	2.73E+01	4.08E+01	7.75E-01	1.38E+00	1.76E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 17 NAME=SF N

X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.62E+01	2.51E+01	1.93E+02	7.20E-01	7.73E-01	2.64E+01
INFANT	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
INFANT	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.81E+01	2.70E+01	1.94E+02	2.68E+00	2.73E+00	2.83E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.36E+01	2.16E+01	9.25E+01	3.03E-01	2.98E-01	2.64E+01
CHILD	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
CHILD	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
CHILD	VEG. ING	1.40E-01	1.82E+00	1.66E-01	1.66E-01	4.14E-01	0.00E+00
CHILD	MEAT ING	1.96E-02	2.60E-01	4.13E-02	4.13E-02	5.22E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.57E+01	2.57E+01	9.46E+01	2.47E+00	2.72E+00	2.83E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.28E+00	2.30E+01	4.82E+01	1.42E-01	1.63E-01	2.64E+01
TEENAGE	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
TEENAGE	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
TEENAGE	VEG. ING	2.30E-01	2.98E+00	2.69E-01	2.69E-01	6.78E-01	0.00E+00
TEENAGE	MEAT ING	3.17E-02	4.22E-01	6.71E-02	6.71E-02	8.47E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.05E+01	2.83E+01	5.05E+01	2.43E+00	2.88E+00	2.83E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.28E+00	2.23E+01	4.01E+01	1.19E-01	1.29E-01	2.64E+01
ADULT	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
ADULT	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
ADULT	VEG. ING	3.17E-01	4.11E+00	3.72E-01	3.72E-01	9.36E-01	0.00E+00
ADULT	MEAT ING	5.55E-02	7.37E-01	1.17E-01	1.17E-01	1.48E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.61E+00	2.91E+01	4.25E+01	2.56E+00	3.17E+00	2.83E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 18 NAME=SF NNE

X= -4.6KM, Y= 4.6KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.76E+01	2.81E+01	2.16E+02	7.71E-01	8.52E-01	0.00E+00
INFANT	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
INFANT	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.78E+01	2.83E+01	2.16E+02	9.69E-01	1.05E+00	1.98E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.34E+01	2.43E+01	1.04E+02	3.23E-01	3.27E-01	0.00E+00
CHILD	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
CHILD	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07
CHILD	VEG. ING	1.57E-01	2.04E+00	1.84E-01	1.84E-01	4.62E-01	0.00E+00
CHILD	MEAT ING	2.18E-02	2.90E-01	4.60E-02	4.60E-02	5.83E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.38E+01	2.68E+01	1.04E+02	7.51E-01	1.05E+00	1.98E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.51E+00	2.58E+01	5.40E+01	1.53E-01	1.79E-01	0.00E+00
TEENAGE	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
TEENAGE	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07
TEENAGE	VEG. ING	2.57E-01	3.33E+00	2.98E-01	2.98E-01	7.57E-01	0.00E+00
TEENAGE	MEAT ING	3.54E-02	4.71E-01	7.47E-02	7.47E-02	9.46E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.00E+00	2.98E+01	5.46E+01	7.23E-01	1.23E+00	1.98E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.38E+00	2.50E+01	4.50E+01	1.28E-01	1.42E-01	0.00E+00
ADULT	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
ADULT	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07
ADULT	VEG. ING	3.54E-01	4.59E+00	4.12E-01	4.12E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	6.19E-02	8.24E-01	1.31E-01	1.31E-01	1.65E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.00E+00	3.06E+01	4.57E+01	8.69E-01	1.55E+00	1.98E-01

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 18 NAME=SF NNE

X= -4.6KM, Y= 4.6KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.91E+01	2.81E+01	2.16E+02	8.03E-01	8.65E-01	2.52E+01
INFANT	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
INFANT	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.13E+01	3.03E+01	2.18E+02	2.99E+00	3.05E+00	2.74E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.50E+01	2.43E+01	1.04E+02	3.37E-01	3.33E-01	2.52E+01
CHILD	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
CHILD	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
CHILD	VEG. ING	1.57E-01	2.04E+00	1.86E-01	1.86E-01	4.64E-01	0.00E+00
CHILD	MEAT ING	2.19E-02	2.91E-01	4.63E-02	4.63E-02	5.85E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.73E+01	2.88E+01	1.06E+02	2.75E+00	3.04E+00	2.74E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.02E+00	2.58E+01	5.40E+01	1.59E-01	1.82E-01	2.52E+01
TEENAGE	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
TEENAGE	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
TEENAGE	VEG. ING	2.58E-01	3.34E+00	3.01E-01	3.01E-01	7.59E-01	0.00E+00
TEENAGE	MEAT ING	3.56E-02	4.73E-01	7.52E-02	7.52E-02	9.49E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.15E+01	3.18E+01	5.66E+01	2.72E+00	3.22E+00	2.74E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.90E+00	2.50E+01	4.50E+01	1.33E-01	1.44E-01	2.52E+01
ADULT	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
ADULT	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
ADULT	VEG. ING	3.55E-01	4.61E+00	4.16E-01	4.16E-01	1.05E+00	0.00E+00
ADULT	MEAT ING	6.22E-02	8.26E-01	1.31E-01	1.31E-01	1.66E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.05E+01	3.26E+01	4.77E+01	2.86E+00	3.54E+00	2.74E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 19 NAME=SF NE

X= -4.0KM, Y= 4.5KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.63E+01	2.68E+01	2.06E+02	7.36E-01	8.14E-01	0.00E+00
INFANT	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
INFANT	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.65E+01	2.70E+01	2.06E+02	9.25E-01	1.00E+00	1.89E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.28E+01	2.32E+01	9.90E+01	3.08E-01	3.12E-01	0.00E+00
CHILD	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
CHILD	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
CHILD	VEG. ING	1.50E-01	1.94E+00	1.76E-01	1.76E-01	4.41E-01	0.00E+00
CHILD	MEAT ING	2.08E-02	2.77E-01	4.39E-02	4.39E-02	5.56E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.32E+01	2.56E+01	9.94E+01	7.17E-01	9.98E-01	1.89E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.17E+00	2.46E+01	5.16E+01	1.46E-01	1.71E-01	0.00E+00
TEENAGE	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
TEENAGE	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
TEENAGE	VEG. ING	2.45E-01	3.18E+00	2.85E-01	2.85E-01	7.23E-01	0.00E+00
TEENAGE	MEAT ING	3.38E-02	4.50E-01	7.13E-02	7.13E-02	9.03E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.64E+00	2.84E+01	5.21E+01	6.91E-01	1.17E+00	1.89E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.10E+00	2.39E+01	4.29E+01	1.22E-01	1.36E-01	0.00E+00
ADULT	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
ADULT	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
ADULT	VEG. ING	3.38E-01	4.39E+00	3.94E-01	3.94E-01	9.99E-01	0.00E+00
ADULT	MEAT ING	5.91E-02	7.86E-01	1.25E-01	1.25E-01	1.58E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.68E+00	2.92E+01	4.36E+01	8.30E-01	1.48E+00	1.89E-01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 19 NAME=SF NE

X= -4.0KM, Y= 4.5KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.79E+01	2.68E+01	2.06E+02	7.69E-01	8.27E-01	2.65E+01
INFANT	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
INFANT	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.00E+01	2.89E+01	2.08E+02	2.86E+00	2.92E+00	2.86E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.44E+01	2.32E+01	9.90E+01	3.23E-01	3.18E-01	2.65E+01
CHILD	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
CHILD	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
CHILD	VEG. ING	1.50E-01	1.95E+00	1.78E-01	1.78E-01	4.43E-01	0.00E+00
CHILD	MEAT ING	2.09E-02	2.78E-01	4.42E-02	4.42E-02	5.59E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.67E+01	2.75E+01	1.01E+02	2.64E+00	2.91E+00	2.86E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.76E+00	2.46E+01	5.16E+01	1.52E-01	1.74E-01	2.65E+01
TEENAGE	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
TEENAGE	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
TEENAGE	VEG. ING	2.46E-01	3.19E+00	2.88E-01	2.88E-01	7.25E-01	0.00E+00
TEENAGE	MEAT ING	3.40E-02	4.52E-01	7.18E-02	7.18E-02	9.07E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.11E+01	3.03E+01	5.40E+01	2.60E+00	3.08E+00	2.86E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.69E+00	2.39E+01	4.29E+01	1.28E-01	1.38E-01	2.65E+01
ADULT	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
ADULT	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
ADULT	VEG. ING	3.39E-01	4.40E+00	3.98E-01	3.98E-01	1.00E+00	0.00E+00
ADULT	MEAT ING	5.94E-02	7.89E-01	1.25E-01	1.25E-01	1.58E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.02E+01	3.11E+01	4.55E+01	2.74E+00	3.39E+00	2.86E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 20 NAME=SF ENE

X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.24E+01	2.28E+01	1.76E+02	6.27E-01	6.93E-01	0.00E+00
INFANT	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
INFANT	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.26E+01	2.30E+01	1.76E+02	7.88E-01	8.54E-01	1.61E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.09E+01	1.97E+01	8.43E+01	2.63E-01	2.66E-01	0.00E+00
CHILD	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
CHILD	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
CHILD	VEG. ING	1.28E-01	1.65E+00	1.50E-01	1.50E-01	3.76E-01	0.00E+00
CHILD	MEAT ING	1.77E-02	2.36E-01	3.74E-02	3.74E-02	4.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.12E+01	2.18E+01	8.47E+01	6.11E-01	8.50E-01	1.61E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.10E+00	2.09E+01	4.39E+01	1.24E-01	1.46E-01	0.00E+00
TEENAGE	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
TEENAGE	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
TEENAGE	VEG. ING	2.09E-01	2.71E+00	2.43E-01	2.43E-01	6.16E-01	0.00E+00
TEENAGE	MEAT ING	2.88E-02	3.83E-01	6.07E-02	6.07E-02	7.69E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.50E+00	2.42E+01	4.44E+01	5.88E-01	9.99E-01	1.61E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.19E+00	2.03E+01	3.66E+01	1.04E-01	1.16E-01	0.00E+00
ADULT	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
ADULT	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
ADULT	VEG. ING	2.88E-01	3.74E+00	3.35E-01	3.35E-01	8.51E-01	0.00E+00
ADULT	MEAT ING	5.04E-02	6.70E-01	1.06E-01	1.06E-01	1.34E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.69E+00	2.49E+01	3.72E+01	7.06E-01	1.26E+00	1.61E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 20 NAME=SF ENE

X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.38E+01	2.28E+01	1.76E+02	6.62E-01	7.07E-01	2.26E+01
INFANT	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
INFANT	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.56E+01	2.46E+01	1.77E+02	2.45E+00	2.50E+00	2.44E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.23E+01	1.97E+01	8.43E+01	2.78E-01	2.72E-01	2.26E+01
CHILD	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
CHILD	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
CHILD	VEG. ING	1.28E-01	1.66E+00	1.52E-01	1.52E-01	3.77E-01	0.00E+00
CHILD	MEAT ING	1.78E-02	2.37E-01	3.77E-02	3.77E-02	4.76E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.42E+01	2.34E+01	8.63E+01	2.26E+00	2.49E+00	2.44E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.46E+00	2.10E+01	4.39E+01	1.31E-01	1.49E-01	2.26E+01
TEENAGE	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
TEENAGE	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
TEENAGE	VEG. ING	2.10E-01	2.72E+00	2.46E-01	2.46E-01	6.18E-01	0.00E+00
TEENAGE	MEAT ING	2.90E-02	3.85E-01	6.12E-02	6.12E-02	7.73E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.49E+00	2.58E+01	4.60E+01	2.23E+00	2.63E+00	2.44E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.55E+00	2.03E+01	3.66E+01	1.10E-01	1.18E-01	2.26E+01
ADULT	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
ADULT	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
ADULT	VEG. ING	2.89E-01	3.75E+00	3.39E-01	3.39E-01	8.54E-01	0.00E+00
ADULT	MEAT ING	5.06E-02	6.73E-01	1.07E-01	1.07E-01	1.35E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.68E+00	2.65E+01	3.88E+01	2.35E+00	2.90E+00	2.44E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 21 NAME=SF E X= -2.8KM, Y= 3.5KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.00E+01	3.06E+01	2.35E+02	8.40E-01	9.29E-01	0.00E+00
INFANT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
INFANT	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.03E+01	3.08E+01	2.36E+02	1.06E+00	1.14E+00	2.16E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.47E+01	2.64E+01	1.13E+02	3.52E-01	3.56E-01	0.00E+00
CHILD	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
CHILD	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
CHILD	VEG. ING	1.71E-01	2.22E+00	2.01E-01	2.01E-01	5.04E-01	0.00E+00
CHILD	MEAT ING	2.38E-02	3.16E-01	5.01E-02	5.01E-02	6.35E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.51E+01	2.92E+01	1.13E+02	8.18E-01	1.14E+00	2.16E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.18E+00	2.81E+01	5.89E+01	1.66E-01	1.95E-01	0.00E+00
TEENAGE	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
TEENAGE	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
TEENAGE	VEG. ING	2.80E-01	3.63E+00	3.25E-01	3.25E-01	8.25E-01	0.00E+00
TEENAGE	MEAT ING	3.86E-02	5.14E-01	8.14E-02	8.14E-02	1.03E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.72E+00	3.24E+01	5.95E+01	7.88E-01	1.34E+00	2.16E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.96E+00	2.72E+01	4.90E+01	1.40E-01	1.55E-01	0.00E+00
ADULT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
ADULT	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
ADULT	VEG. ING	3.86E-01	5.01E+00	4.49E-01	4.49E-01	1.14E+00	0.00E+00
ADULT	MEAT ING	6.75E-02	8.98E-01	1.42E-01	1.42E-01	1.80E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.63E+00	3.33E+01	4.98E+01	9.47E-01	1.69E+00	2.16E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 21 NAME=SF E

X= -2.8KM, Y= 3.5KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.20E+01	3.06E+01	2.35E+02	8.75E-01	9.42E-01	3.28E+01
INFANT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
INFANT	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.44E+01	3.30E+01	2.38E+02	3.27E+00	3.34E+00	3.52E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.66E+01	2.64E+01	1.13E+02	3.68E-01	3.63E-01	3.28E+01
CHILD	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
CHILD	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
CHILD	VEG. ING	1.71E-01	2.22E+00	2.03E-01	2.03E-01	5.05E-01	0.00E+00
CHILD	MEAT ING	2.39E-02	3.17E-01	5.05E-02	5.05E-02	6.37E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.92E+01	3.14E+01	1.16E+02	3.02E+00	3.33E+00	3.52E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.01E+01	2.81E+01	5.89E+01	1.73E-01	1.98E-01	3.28E+01
TEENAGE	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
TEENAGE	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
TEENAGE	VEG. ING	2.81E-01	3.64E+00	3.28E-01	3.28E-01	8.28E-01	0.00E+00
TEENAGE	MEAT ING	3.88E-02	5.15E-01	8.19E-02	8.19E-02	1.03E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.29E+01	3.46E+01	6.17E+01	2.98E+00	3.52E+00	3.52E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.93E+00	2.72E+01	4.90E+01	1.45E-01	1.58E-01	3.28E+01
ADULT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
ADULT	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
ADULT	VEG. ING	3.87E-01	5.02E+00	4.53E-01	4.53E-01	1.14E+00	0.00E+00
ADULT	MEAT ING	6.78E-02	9.01E-01	1.43E-01	1.43E-01	1.81E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.18E+01	3.55E+01	5.20E+01	3.14E+00	3.88E+00	3.52E+01

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 22 NAME=SF SSE

X= -3.7KM, Y= 0.2KM, Z= 0.0M, DIST= 3.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.53E+01	2.58E+01	1.98E+02	7.07E-01	7.81E-01	0.00E+00
INFANT	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
INFANT	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.55E+01	2.59E+01	1.98E+02	8.88E-01	9.63E-01	1.81E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.23E+01	2.22E+01	9.51E+01	2.96E-01	3.00E-01	0.00E+00
CHILD	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
CHILD	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
CHILD	VEG. ING	1.44E-01	1.87E+00	1.69E-01	1.69E-01	4.24E-01	0.00E+00
CHILD	MEAT ING	2.00E-02	2.66E-01	4.22E-02	4.22E-02	5.34E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.27E+01	2.46E+01	9.55E+01	6.89E-01	9.59E-01	1.81E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.88E+00	2.36E+01	4.96E+01	1.40E-01	1.64E-01	0.00E+00
TEENAGE	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
TEENAGE	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
TEENAGE	VEG. ING	2.35E-01	3.06E+00	2.74E-01	2.74E-01	6.94E-01	0.00E+00
TEENAGE	MEAT ING	3.25E-02	4.32E-01	6.85E-02	6.85E-02	8.67E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	7.33E+00	2.73E+01	5.01E+01	6.63E-01	1.13E+00	1.81E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.86E+00	2.29E+01	4.12E+01	1.17E-01	1.30E-01	0.00E+00
ADULT	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
ADULT	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
ADULT	VEG. ING	3.25E-01	4.21E+00	3.78E-01	3.78E-01	9.59E-01	0.00E+00
ADULT	MEAT ING	5.68E-02	7.55E-01	1.20E-01	1.20E-01	1.52E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.42E+00	2.81E+01	4.19E+01	7.97E-01	1.42E+00	1.81E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21 DURATION IN YRS IS...100.0

NUMBER 22 NAME=SF SSE

X= -3.7KM, Y= 0.2KM, Z= 0.0M, DIST= 3.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.75E+01	2.58E+01	1.98E+02	8.25E-01	8.27E-01	3.67E+01
INFANT	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
INFANT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.96E+01	2.79E+01	2.00E+02	2.98E+00	2.99E+00	3.89E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.45E+01	2.23E+01	9.51E+01	3.49E-01	3.21E-01	3.67E+01
CHILD	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
CHILD	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
CHILD	VEG. ING	1.46E-01	1.89E+00	1.75E-01	1.75E-01	4.29E-01	0.00E+00
CHILD	MEAT ING	2.03E-02	2.70E-01	4.33E-02	4.33E-02	5.43E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.69E+01	2.66E+01	9.75E+01	2.73E+00	2.96E+00	3.89E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.09E+00	2.37E+01	4.96E+01	1.62E-01	1.75E-01	3.67E+01
TEENAGE	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
TEENAGE	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
TEENAGE	VEG. ING	2.38E-01	3.09E+00	2.83E-01	2.83E-01	7.03E-01	0.00E+00
TEENAGE	MEAT ING	3.30E-02	4.38E-01	7.02E-02	7.02E-02	8.81E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.15E+01	2.93E+01	5.21E+01	2.68E+00	3.12E+00	3.89E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.06E+00	2.29E+01	4.12E+01	1.36E-01	1.39E-01	3.67E+01
ADULT	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
ADULT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
ADULT	VEG. ING	3.29E-01	4.26E+00	3.92E-01	3.92E-01	9.71E-01	0.00E+00
ADULT	MEAT ING	5.77E-02	7.65E-01	1.23E-01	1.23E-01	1.54E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.06E+01	3.01E+01	4.39E+01	2.81E+00	3.42E+00	3.89E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 23 NAME=SF SE X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.68E+01	3.75E+01	2.89E+02	1.03E+00	1.14E+00	0.00E+00
INFANT	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
INFANT	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.71E+01	3.78E+01	2.89E+02	1.29E+00	1.40E+00	2.64E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.80E+01	3.24E+01	1.39E+02	4.31E-01	4.37E-01	0.00E+00
CHILD	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
CHILD	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
CHILD	VEG. ING	2.10E-01	2.72E+00	2.46E-01	2.46E-01	6.18E-01	0.00E+00
CHILD	MEAT ING	2.92E-02	3.88E-01	6.15E-02	6.15E-02	7.78E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.85E+01	3.58E+01	1.39E+02	1.00E+00	1.40E+00	2.64E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.00E+01	3.44E+01	7.22E+01	2.04E-01	2.39E-01	0.00E+00
TEENAGE	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
TEENAGE	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
TEENAGE	VEG. ING	3.43E-01	4.45E+00	3.99E-01	3.99E-01	1.01E+00	0.00E+00
TEENAGE	MEAT ING	4.73E-02	6.30E-01	9.98E-02	9.98E-02	1.26E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.07E+01	3.98E+01	7.30E+01	9.66E-01	1.64E+00	2.64E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.53E+00	3.34E+01	6.01E+01	1.71E-01	1.90E-01	0.00E+00
ADULT	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
ADULT	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
ADULT	VEG. ING	4.73E-01	6.14E+00	5.51E-01	5.51E-01	1.40E+00	0.00E+00
ADULT	MEAT ING	8.27E-02	1.10E+00	1.74E-01	1.74E-01	2.21E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.35E+00	4.09E+01	6.11E+01	1.16E+00	2.07E+00	2.64E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 23 NAME=SF SE

X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.94E+01	3.75E+01	2.89E+02	1.11E+00	1.17E+00	4.32E+01
INFANT	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
INFANT	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.25E+01	4.06E+01	2.92E+02	4.14E+00	4.20E+00	4.63E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.06E+01	3.24E+01	1.39E+02	4.67E-01	4.51E-01	4.32E+01
CHILD	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
CHILD	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
CHILD	VEG. ING	2.11E-01	2.73E+00	2.50E-01	2.50E-01	6.21E-01	0.00E+00
CHILD	MEAT ING	2.94E-02	3.90E-01	6.22E-02	6.22E-02	7.84E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.38E+01	3.86E+01	1.42E+02	3.81E+00	4.18E+00	4.63E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.26E+01	3.44E+01	7.22E+01	2.19E-01	2.47E-01	4.32E+01
TEENAGE	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
TEENAGE	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
TEENAGE	VEG. ING	3.45E-01	4.48E+00	4.05E-01	4.05E-01	1.02E+00	0.00E+00
TEENAGE	MEAT ING	4.77E-02	6.33E-01	1.01E-01	1.01E-01	1.27E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.60E+01	4.26E+01	7.57E+01	3.75E+00	4.42E+00	4.63E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.11E+01	3.34E+01	6.01E+01	1.84E-01	1.96E-01	4.32E+01
ADULT	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
ADULT	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
ADULT	VEG. ING	4.76E-01	6.17E+00	5.60E-01	5.60E-01	1.41E+00	0.00E+00
ADULT	MEAT ING	8.33E-02	1.11E+00	1.76E-01	1.76E-01	2.22E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.47E+01	4.37E+01	6.39E+01	3.95E+00	4.85E+00	4.63E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21 DURATION IN YRS IS...100.0

NUMBER 24 NAME=SF S X= -5.1KM, Y= -0.3KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.42E+01	1.44E+01	1.11E+02	3.96E-01	4.38E-01	0.00E+00
INFANT	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
INFANT	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.43E+01	1.45E+01	1.11E+02	4.97E-01	5.39E-01	1.02E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.91E+00	1.25E+01	5.33E+01	1.66E-01	1.68E-01	0.00E+00
CHILD	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
CHILD	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
CHILD	VEG. ING	8.06E-02	1.05E+00	9.46E-02	9.46E-02	2.37E-01	0.00E+00
CHILD	MEAT ING	1.12E-02	1.49E-01	2.36E-02	2.36E-02	2.99E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	7.10E+00	1.38E+01	5.35E+01	3.86E-01	5.37E-01	1.02E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.86E+00	1.32E+01	2.78E+01	7.83E-02	9.20E-02	0.00E+00
TEENAGE	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
TEENAGE	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
TEENAGE	VEG. ING	1.32E-01	1.71E+00	1.53E-01	1.53E-01	3.89E-01	0.00E+00
TEENAGE	MEAT ING	1.82E-02	2.42E-01	3.84E-02	3.84E-02	4.86E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.11E+00	1.53E+01	2.81E+01	3.72E-01	6.31E-01	1.02E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.28E+00	1.28E+01	2.31E+01	6.58E-02	7.30E-02	0.00E+00
ADULT	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
ADULT	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
ADULT	VEG. ING	1.82E-01	2.36E+00	2.12E-01	2.12E-01	5.37E-01	0.00E+00
ADULT	MEAT ING	3.18E-02	4.23E-01	6.70E-02	6.70E-02	8.49E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.60E+00	1.57E+01	2.35E+01	4.46E-01	7.97E-01	1.02E-01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 24 NAME=SF S

X= -5.1KM, Y= -0.3KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.57E+01	1.44E+01	1.11E+02	5.17E-01	4.85E-01	2.48E+01
INFANT	GROUND	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00
INFANT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.69E+01	1.57E+01	1.12E+02	1.77E+00	1.74E+00	2.60E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.40E+00	1.25E+01	5.33E+01	2.19E-01	1.90E-01	2.48E+01
CHILD	GROUND	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00
CHILD	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
CHILD	VEG. ING	8.24E-02	1.07E+00	1.01E-01	1.01E-01	2.42E-01	0.00E+00
CHILD	MEAT ING	1.15E-02	1.53E-01	2.47E-02	2.47E-02	3.08E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.75E+00	1.49E+01	5.47E+01	1.60E+00	1.72E+00	2.60E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.35E+00	1.33E+01	2.78E+01	1.01E-01	1.03E-01	2.48E+01
TEENAGE	GROUND	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00
TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
TEENAGE	VEG. ING	1.35E-01	1.75E+00	1.63E-01	1.63E-01	3.97E-01	0.00E+00
TEENAGE	MEAT ING	1.87E-02	2.48E-01	4.01E-02	4.01E-02	5.00E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.76E+00	1.65E+01	2.92E+01	1.56E+00	1.81E+00	2.60E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.77E+00	1.29E+01	2.31E+01	8.49E-02	8.22E-02	2.48E+01
ADULT	GROUND	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00
ADULT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
ADULT	VEG. ING	1.86E-01	2.41E+00	2.26E-01	2.26E-01	5.49E-01	0.00E+00
ADULT	MEAT ING	3.27E-02	4.33E-01	7.01E-02	7.01E-02	8.74E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.24E+00	1.70E+01	2.47E+01	1.64E+00	1.97E+00	2.60E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 25 NAME=SF SSW

X= -6.0KM, Y= 1.3KM, Z= 0.0M, DIST= 6.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.84E+01	1.88E+01	1.44E+02	5.15E-01	5.70E-01	0.00E+00
INFANT	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
INFANT	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.86E+01	1.89E+01	1.45E+02	6.48E-01	7.02E-01	1.32E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.99E+00	1.62E+01	6.94E+01	2.16E-01	2.19E-01	0.00E+00
CHILD	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
CHILD	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
CHILD	VEG. ING	1.05E-01	1.36E+00	1.23E-01	1.23E-01	3.09E-01	0.00E+00
CHILD	MEAT ING	1.46E-02	1.94E-01	3.08E-02	3.08E-02	3.90E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.24E+00	1.79E+01	6.96E+01	5.02E-01	6.99E-01	1.32E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.02E+00	1.72E+01	3.61E+01	1.02E-01	1.20E-01	0.00E+00
TEENAGE	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
TEENAGE	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
TEENAGE	VEG. ING	1.72E-01	2.23E+00	2.00E-01	2.00E-01	5.06E-01	0.00E+00
TEENAGE	MEAT ING	2.37E-02	3.15E-01	4.99E-02	4.99E-02	6.32E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.35E+00	1.99E+01	3.65E+01	4.84E-01	8.22E-01	1.32E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.27E+00	1.67E+01	3.01E+01	8.56E-02	9.50E-02	0.00E+00
ADULT	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
ADULT	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
ADULT	VEG. ING	2.37E-01	3.07E+00	2.76E-01	2.76E-01	7.00E-01	0.00E+00
ADULT	MEAT ING	4.14E-02	5.51E-01	8.73E-02	8.73E-02	1.11E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.68E+00	2.05E+01	3.06E+01	5.81E-01	1.04E+00	1.32E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 25 NAME=SF SSW

X= -6.0KM, Y= 1.3KM, Z= 0.0M, DIST= 6.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.97E+01	1.88E+01	1.44E+02	5.78E-01	5.94E-01	2.14E+01
INFANT	GROUND	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00
INFANT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.13E+01	2.03E+01	1.46E+02	2.11E+00	2.13E+00	2.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.03E+01	1.62E+01	6.94E+01	2.44E-01	2.30E-01	2.14E+01
CHILD	GROUND	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00
CHILD	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
CHILD	VEG. ING	1.06E-01	1.37E+00	1.26E-01	1.26E-01	3.12E-01	0.00E+00
CHILD	MEAT ING	1.48E-02	1.96E-01	3.13E-02	3.13E-02	3.94E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.19E+01	1.93E+01	7.10E+01	1.94E+00	2.12E+00	2.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.31E+00	1.72E+01	3.61E+01	1.14E-01	1.25E-01	2.14E+01
TEENAGE	GROUND	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00
TEENAGE	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
TEENAGE	VEG. ING	1.73E-01	2.25E+00	2.05E-01	2.05E-01	5.11E-01	0.00E+00
TEENAGE	MEAT ING	2.40E-02	3.18E-01	5.09E-02	5.09E-02	6.40E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.04E+00	2.13E+01	3.79E+01	1.90E+00	2.23E+00	2.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.56E+00	1.67E+01	3.01E+01	9.56E-02	9.98E-02	2.14E+01
ADULT	GROUND	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00
ADULT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
ADULT	VEG. ING	2.39E-01	3.10E+00	2.83E-01	2.83E-01	7.06E-01	0.00E+00
ADULT	MEAT ING	4.19E-02	5.56E-01	8.89E-02	8.89E-02	1.12E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.37E+00	2.19E+01	3.20E+01	2.00E+00	2.45E+00	2.30E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 26 NAME=SF SW X= -6.1KM, Y= 2.5KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.07E+01	3.13E+01	2.41E+02	8.60E-01	9.50E-01	0.00E+00
INFANT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
INFANT	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.09E+01	3.15E+01	2.41E+02	1.08E+00	1.17E+00	2.20E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.50E+01	2.70E+01	1.16E+02	3.60E-01	3.65E-01	0.00E+00
CHILD	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
CHILD	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
CHILD	VEG. ING	1.75E-01	2.27E+00	2.05E-01	2.05E-01	5.15E-01	0.00E+00
CHILD	MEAT ING	2.43E-02	3.24E-01	5.13E-02	5.13E-02	6.49E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.54E+01	2.99E+01	1.16E+02	8.37E-01	1.17E+00	2.20E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.37E+00	2.87E+01	6.02E+01	1.70E-01	2.00E-01	0.00E+00
TEENAGE	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
TEENAGE	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
TEENAGE	VEG. ING	2.86E-01	3.72E+00	3.33E-01	3.33E-01	8.44E-01	0.00E+00
TEENAGE	MEAT ING	3.95E-02	5.25E-01	8.33E-02	8.33E-02	1.05E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.91E+00	3.32E+01	6.09E+01	8.07E-01	1.37E+00	2.20E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.12E+00	2.79E+01	5.01E+01	1.43E-01	1.58E-01	0.00E+00
ADULT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
ADULT	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
ADULT	VEG. ING	3.95E-01	5.12E+00	4.60E-01	4.60E-01	1.17E+00	0.00E+00
ADULT	MEAT ING	6.91E-02	9.18E-01	1.46E-01	1.46E-01	1.84E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.80E+00	3.41E+01	5.09E+01	9.69E-01	1.73E+00	2.20E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 26 NAME=SF SW

X= -6.1KM, Y= 2.5KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.19E+01	3.13E+01	2.41E+02	9.01E-01	9.66E-01	2.03E+01
INFANT	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
INFANT	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.44E+01	3.38E+01	2.43E+02	3.34E+00	3.41E+00	2.28E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.62E+01	2.71E+01	1.16E+02	3.79E-01	3.72E-01	2.03E+01
CHILD	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
CHILD	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
CHILD	VEG. ING	1.76E-01	2.28E+00	2.08E-01	2.08E-01	5.17E-01	0.00E+00
CHILD	MEAT ING	2.45E-02	3.25E-01	5.17E-02	5.17E-02	6.53E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.89E+01	3.21E+01	1.18E+02	3.08E+00	3.40E+00	2.28E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.59E+00	2.87E+01	6.02E+01	1.78E-01	2.03E-01	2.03E+01
TEENAGE	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
TEENAGE	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
TEENAGE	VEG. ING	2.87E-01	3.73E+00	3.36E-01	3.36E-01	8.47E-01	0.00E+00
TEENAGE	MEAT ING	3.97E-02	5.27E-01	8.39E-02	8.39E-02	1.06E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.24E+01	3.54E+01	6.31E+01	3.04E+00	3.60E+00	2.28E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.34E+00	2.79E+01	5.01E+01	1.49E-01	1.62E-01	2.03E+01
ADULT	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
ADULT	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
ADULT	VEG. ING	3.96E-01	5.14E+00	4.65E-01	4.65E-01	1.17E+00	0.00E+00
ADULT	MEAT ING	6.94E-02	9.22E-01	1.47E-01	1.47E-01	1.85E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.12E+01	3.64E+01	5.32E+01	3.20E+00	3.96E+00	2.28E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 27 NAME=SF WSW

X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.65E+01	3.72E+01	2.86E+02	1.02E+00	1.13E+00	0.00E+00
INFANT	GROUND	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01
INFANT	CLOUD	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.68E+01	3.75E+01	2.86E+02	1.28E+00	1.39E+00	2.62E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.78E+01	3.21E+01	1.37E+02	4.28E-01	4.33E-01	0.00E+00
CHILD	GROUND	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01
CHILD	CLOUD	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07
CHILD	VEG. ING	2.08E-01	2.70E+00	2.44E-01	2.44E-01	6.12E-01	0.00E+00
CHILD	MEAT ING	2.89E-02	3.85E-01	6.10E-02	6.10E-02	7.72E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.83E+01	3.55E+01	1.38E+02	9.95E-01	1.38E+00	2.62E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.94E+00	3.41E+01	7.16E+01	2.02E-01	2.37E-01	0.00E+00
TEENAGE	GROUND	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01
TEENAGE	CLOUD	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07
TEENAGE	VEG. ING	3.40E-01	4.42E+00	3.95E-01	3.95E-01	1.00E+00	0.00E+00
TEENAGE	MEAT ING	4.69E-02	6.24E-01	9.90E-02	9.90E-02	1.25E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.06E+01	3.94E+01	7.23E+01	9.58E-01	1.63E+00	2.62E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.46E+00	3.31E+01	5.96E+01	1.70E-01	1.88E-01	0.00E+00
ADULT	GROUND	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01
ADULT	CLOUD	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07
ADULT	VEG. ING	4.69E-01	6.09E+00	5.46E-01	5.46E-01	1.39E+00	0.00E+00
ADULT	MEAT ING	8.21E-02	1.09E+00	1.73E-01	1.73E-01	2.19E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.27E+00	4.05E+01	6.05E+01	1.15E+00	2.05E+00	2.62E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 27 NAME=SF WSW

X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.76E+01	3.72E+01	2.86E+02	1.06E+00	1.14E+00	1.83E+01
INFANT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
INFANT	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.05E+01	4.01E+01	2.89E+02	3.93E+00	4.01E+00	2.12E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.89E+01	3.21E+01	1.37E+02	4.44E-01	4.40E-01	1.83E+01
CHILD	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
CHILD	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
CHILD	VEG. ING	2.08E-01	2.70E+00	2.46E-01	2.46E-01	6.14E-01	0.00E+00
CHILD	MEAT ING	2.90E-02	3.86E-01	6.13E-02	6.13E-02	7.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.20E+01	3.81E+01	1.41E+02	3.62E+00	4.00E+00	2.12E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.10E+01	3.41E+01	7.16E+01	2.09E-01	2.40E-01	1.83E+01
TEENAGE	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
TEENAGE	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
TEENAGE	VEG. ING	3.41E-01	4.43E+00	3.98E-01	3.98E-01	1.01E+00	0.00E+00
TEENAGE	MEAT ING	4.71E-02	6.26E-01	9.95E-02	9.95E-02	1.26E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.43E+01	4.21E+01	7.49E+01	3.58E+00	4.24E+00	2.12E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.56E+00	3.31E+01	5.96E+01	1.75E-01	1.91E-01	1.83E+01
ADULT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
ADULT	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
ADULT	VEG. ING	4.70E-01	6.10E+00	5.50E-01	5.50E-01	1.39E+00	0.00E+00
ADULT	MEAT ING	8.23E-02	1.09E+00	1.74E-01	1.74E-01	2.20E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.30E+01	4.32E+01	6.32E+01	3.77E+00	4.67E+00	2.12E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 28 NAME=SF W

X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.03E+01	6.15E+01	4.72E+02	1.69E+00	1.86E+00	0.00E+00
INFANT	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
INFANT	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.07E+01	6.19E+01	4.73E+02	2.12E+00	2.30E+00	4.33E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.94E+01	5.31E+01	2.27E+02	7.07E-01	7.16E-01	0.00E+00
CHILD	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
CHILD	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
CHILD	VEG. ING	3.43E-01	4.45E+00	4.03E-01	4.03E-01	1.01E+00	0.00E+00
CHILD	MEAT ING	4.78E-02	6.35E-01	1.01E-01	1.01E-01	1.27E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.02E+01	5.86E+01	2.28E+02	1.64E+00	2.29E+00	4.33E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.64E+01	5.64E+01	1.18E+02	3.34E-01	3.92E-01	0.00E+00
TEENAGE	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
TEENAGE	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
TEENAGE	VEG. ING	5.62E-01	7.30E+00	6.53E-01	6.53E-01	1.66E+00	0.00E+00
TEENAGE	MEAT ING	7.76E-02	1.03E+00	1.63E-01	1.63E-01	2.07E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.75E+01	6.51E+01	1.19E+02	1.58E+00	2.69E+00	4.33E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.40E+01	5.47E+01	9.84E+01	2.80E-01	3.11E-01	0.00E+00
ADULT	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
ADULT	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
ADULT	VEG. ING	7.75E-01	1.01E+01	9.03E-01	9.03E-01	2.29E+00	0.00E+00
ADULT	MEAT ING	1.36E-01	1.80E+00	2.86E-01	2.86E-01	3.62E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.53E+01	6.70E+01	1.00E+02	1.90E+00	3.39E+00	4.33E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 28 NAME=SF W

X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.14E+01	6.15E+01	4.72E+02	1.72E+00	1.88E+00	1.83E+01
INFANT	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
INFANT	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.61E+01	6.62E+01	4.77E+02	6.42E+00	6.58E+00	2.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.05E+01	5.31E+01	2.27E+02	7.22E-01	7.22E-01	1.83E+01
CHILD	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
CHILD	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
CHILD	VEG. ING	3.44E-01	4.46E+00	4.05E-01	4.05E-01	1.01E+00	0.00E+00
CHILD	MEAT ING	4.79E-02	6.36E-01	1.01E-01	1.01E-01	1.28E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.56E+01	6.29E+01	2.32E+02	5.93E+00	6.56E+00	2.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.75E+01	5.64E+01	1.18E+02	3.40E-01	3.95E-01	1.83E+01
TEENAGE	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
TEENAGE	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
TEENAGE	VEG. ING	5.63E-01	7.30E+00	6.56E-01	6.56E-01	1.66E+00	0.00E+00
TEENAGE	MEAT ING	7.77E-02	1.03E+00	1.64E-01	1.64E-01	2.07E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.29E+01	6.94E+01	1.24E+02	5.86E+00	6.96E+00	2.30E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.51E+01	5.47E+01	9.84E+01	2.86E-01	3.13E-01	1.83E+01
ADULT	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
ADULT	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
ADULT	VEG. ING	7.76E-01	1.01E+01	9.06E-01	9.06E-01	2.29E+00	0.00E+00
ADULT	MEAT ING	1.36E-01	1.81E+00	2.87E-01	2.87E-01	3.62E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.07E+01	7.13E+01	1.04E+02	6.18E+00	7.67E+00	2.30E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 29 NAME=SF WNW

X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.21E+02	2.25E+02	1.73E+03	6.18E+00	6.83E+00	0.00E+00
INFANT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
INFANT	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.22E+02	2.27E+02	1.73E+03	7.77E+00	8.42E+00	1.59E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.08E+02	1.94E+02	8.31E+02	2.59E+00	2.62E+00	0.00E+00
CHILD	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
CHILD	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
CHILD	VEG. ING	1.26E+00	1.63E+01	1.48E+00	1.48E+00	3.70E+00	0.00E+00
CHILD	MEAT ING	1.75E-01	2.33E+00	3.69E-01	3.69E-01	4.67E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+02	2.15E+02	8.34E+02	6.02E+00	8.38E+00	1.59E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.02E+01	2.07E+02	4.33E+02	1.22E+00	1.44E+00	0.00E+00
TEENAGE	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
TEENAGE	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
TEENAGE	VEG. ING	2.06E+00	2.67E+01	2.39E+00	2.39E+00	6.07E+00	0.00E+00
TEENAGE	MEAT ING	2.84E-01	3.78E+00	5.99E-01	5.99E-01	7.58E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.41E+01	2.39E+02	4.38E+02	5.80E+00	9.85E+00	1.59E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.12E+01	2.00E+02	3.60E+02	1.03E+00	1.14E+00	0.00E+00
ADULT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
ADULT	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
ADULT	VEG. ING	2.84E+00	3.68E+01	3.31E+00	3.31E+00	8.38E+00	0.00E+00
ADULT	MEAT ING	4.97E-01	6.60E+00	1.05E+00	1.05E+00	1.32E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.61E+01	2.45E+02	3.66E+02	6.96E+00	1.24E+01	1.59E+00

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 29 NAME=SF WNW

X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.22E+02	2.25E+02	1.73E+03	6.21E+00	6.84E+00	2.46E+01
INFANT	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
INFANT	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.39E+02	2.42E+02	1.75E+03	2.33E+01	2.39E+01	4.16E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.09E+02	1.95E+02	8.31E+02	2.60E+00	2.63E+00	2.46E+01
CHILD	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
CHILD	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
CHILD	VEG. ING	1.26E+00	1.63E+01	1.48E+00	1.48E+00	3.71E+00	0.00E+00
CHILD	MEAT ING	1.75E-01	2.33E+00	3.69E-01	3.69E-01	4.67E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.28E+02	2.30E+02	8.50E+02	2.15E+01	2.39E+01	4.16E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.16E+01	2.07E+02	4.33E+02	1.23E+00	1.44E+00	2.46E+01
TEENAGE	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
TEENAGE	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
TEENAGE	VEG. ING	2.06E+00	2.67E+01	2.39E+00	2.39E+00	6.07E+00	0.00E+00
TEENAGE	MEAT ING	2.84E-01	3.78E+00	5.99E-01	5.99E-01	7.58E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.10E+01	2.54E+02	4.53E+02	2.13E+01	2.53E+01	4.16E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.26E+01	2.00E+02	3.60E+02	1.03E+00	1.14E+00	2.46E+01
ADULT	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
ADULT	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
ADULT	VEG. ING	2.84E+00	3.68E+01	3.31E+00	3.31E+00	8.39E+00	0.00E+00
ADULT	MEAT ING	4.97E-01	6.61E+00	1.05E+00	1.05E+00	1.33E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.31E+01	2.61E+02	3.82E+02	2.25E+01	2.79E+01	4.16E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 30 NAME=SF NW

X= -5.2KM, Y= 3.8KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.27E+02	2.32E+02	1.78E+03	6.35E+00	7.02E+00	0.00E+00
INFANT	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
INFANT	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.29E+02	2.33E+02	1.78E+03	7.98E+00	8.65E+00	1.63E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.11E+02	2.00E+02	8.54E+02	2.66E+00	2.69E+00	0.00E+00
CHILD	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
CHILD	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
CHILD	VEG. ING	1.29E+00	1.68E+01	1.52E+00	1.52E+00	3.81E+00	0.00E+00
CHILD	MEAT ING	1.80E-01	2.39E+00	3.79E-01	3.79E-01	4.80E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.14E+02	2.21E+02	8.58E+02	6.19E+00	8.61E+00	1.63E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.18E+01	2.12E+02	4.45E+02	1.26E+00	1.48E+00	0.00E+00
TEENAGE	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
TEENAGE	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
TEENAGE	VEG. ING	2.12E+00	2.75E+01	2.46E+00	2.46E+00	6.24E+00	0.00E+00
TEENAGE	MEAT ING	2.92E-01	3.88E+00	6.16E-01	6.16E-01	7.79E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.59E+01	2.45E+02	4.50E+02	5.96E+00	1.01E+01	1.63E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.26E+01	2.06E+02	3.70E+02	1.06E+00	1.17E+00	0.00E+00
ADULT	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
ADULT	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
ADULT	VEG. ING	2.92E+00	3.79E+01	3.40E+00	3.40E+00	8.62E+00	0.00E+00
ADULT	MEAT ING	5.10E-01	6.79E+00	1.08E+00	1.08E+00	1.36E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.77E+01	2.52E+02	3.77E+02	7.16E+00	1.28E+01	1.63E+00

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 30 NAME=SF NW

X= -5.2KM, Y= 3.8KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.29E+02	2.32E+02	1.78E+03	6.38E+00	7.03E+00	3.04E+01
INFANT	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
INFANT	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.46E+02	2.49E+02	1.80E+03	2.39E+01	2.46E+01	4.80E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.13E+02	2.00E+02	8.54E+02	2.67E+00	2.70E+00	3.04E+01
CHILD	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
CHILD	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
CHILD	VEG. ING	1.29E+00	1.68E+01	1.52E+00	1.52E+00	3.81E+00	0.00E+00
CHILD	MEAT ING	1.80E-01	2.39E+00	3.80E-01	3.80E-01	4.80E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.32E+02	2.37E+02	8.74E+02	2.21E+01	2.45E+01	4.80E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.37E+01	2.12E+02	4.45E+02	1.26E+00	1.48E+00	3.04E+01
TEENAGE	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
TEENAGE	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
TEENAGE	VEG. ING	2.12E+00	2.75E+01	2.46E+00	2.46E+00	6.24E+00	0.00E+00
TEENAGE	MEAT ING	2.92E-01	3.89E+00	6.16E-01	6.16E-01	7.80E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.36E+01	2.61E+02	4.66E+02	2.19E+01	2.61E+01	4.80E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.44E+01	2.06E+02	3.70E+02	1.06E+00	1.17E+00	3.04E+01
ADULT	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
ADULT	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
ADULT	VEG. ING	2.92E+00	3.79E+01	3.40E+00	3.40E+00	8.62E+00	0.00E+00
ADULT	MEAT ING	5.11E-01	6.79E+00	1.08E+00	1.08E+00	1.36E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.54E+01	2.68E+02	3.92E+02	2.31E+01	2.87E+01	4.80E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 31 NAME=SF NNW

X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.22E+02	2.26E+02	1.74E+03	6.20E+00	6.86E+00	0.00E+00
INFANT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
INFANT	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.23E+02	2.28E+02	1.74E+03	7.79E+00	8.45E+00	1.59E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.08E+02	1.95E+02	8.34E+02	2.60E+00	2.63E+00	0.00E+00
CHILD	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
CHILD	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
CHILD	VEG. ING	1.26E+00	1.64E+01	1.48E+00	1.48E+00	3.72E+00	0.00E+00
CHILD	MEAT ING	1.76E-01	2.34E+00	3.70E-01	3.70E-01	4.69E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.11E+02	2.15E+02	8.37E+02	6.04E+00	8.41E+00	1.59E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.04E+01	2.07E+02	4.35E+02	1.23E+00	1.44E+00	0.00E+00
TEENAGE	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
TEENAGE	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
TEENAGE	VEG. ING	2.07E+00	2.68E+01	2.40E+00	2.40E+00	6.09E+00	0.00E+00
TEENAGE	MEAT ING	2.85E-01	3.79E+00	6.01E-01	6.01E-01	7.61E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.43E+01	2.39E+02	4.39E+02	5.82E+00	9.88E+00	1.59E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.14E+01	2.01E+02	3.62E+02	1.03E+00	1.14E+00	0.00E+00
ADULT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
ADULT	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
ADULT	VEG. ING	2.85E+00	3.70E+01	3.32E+00	3.32E+00	8.41E+00	0.00E+00
ADULT	MEAT ING	4.98E-01	6.63E+00	1.05E+00	1.05E+00	1.33E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.63E+01	2.46E+02	3.68E+02	6.99E+00	1.25E+01	1.59E+00

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 31 NAME=SF NNW

X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.24E+02	2.26E+02	1.74E+03	6.23E+00	6.87E+00	3.09E+01
INFANT	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
INFANT	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.41E+02	2.43E+02	1.75E+03	2.34E+01	2.40E+01	4.80E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.10E+02	1.95E+02	8.34E+02	2.61E+00	2.64E+00	3.09E+01
CHILD	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
CHILD	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
CHILD	VEG. ING	1.26E+00	1.64E+01	1.48E+00	1.48E+00	3.72E+00	0.00E+00
CHILD	MEAT ING	1.76E-01	2.34E+00	3.71E-01	3.71E-01	4.69E-01	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.29E+02	2.31E+02	8.53E+02	2.16E+01	2.40E+01	4.80E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.22E+01	2.07E+02	4.35E+02	1.23E+00	1.44E+00	3.09E+01
TEENAGE	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
TEENAGE	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
TEENAGE	VEG. ING	2.07E+00	2.68E+01	2.40E+00	2.40E+00	6.09E+00	0.00E+00
TEENAGE	MEAT ING	2.85E-01	3.79E+00	6.01E-01	6.01E-01	7.61E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.17E+01	2.55E+02	4.55E+02	2.14E+01	2.54E+01	4.80E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.32E+01	2.01E+02	3.62E+02	1.04E+00	1.15E+00	3.09E+01
ADULT	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
ADULT	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
ADULT	VEG. ING	2.85E+00	3.70E+01	3.32E+00	3.32E+00	8.42E+00	0.00E+00
ADULT	MEAT ING	4.98E-01	6.63E+00	1.05E+00	1.05E+00	1.33E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.37E+01	2.62E+02	3.83E+02	2.25E+01	2.80E+01	4.80E+01

1REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 32 NAME=SF ESE

X= -2.8KM, Y= 2.6KM, Z= 0.0M, DIST= 3.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.72E+01	3.79E+01	2.91E+02	1.04E+00	1.15E+00	0.00E+00
INFANT	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
INFANT	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.74E+01	3.81E+01	2.91E+02	1.31E+00	1.42E+00	2.67E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.81E+01	3.27E+01	1.40E+02	4.35E-01	4.41E-01	0.00E+00
CHILD	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
CHILD	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
CHILD	VEG. ING	2.12E-01	2.75E+00	2.48E-01	2.48E-01	6.24E-01	0.00E+00
CHILD	MEAT ING	2.94E-02	3.92E-01	6.21E-02	6.21E-02	7.86E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.86E+01	3.61E+01	1.40E+02	1.01E+00	1.41E+00	2.67E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.01E+01	3.47E+01	7.29E+01	2.06E-01	2.42E-01	0.00E+00
TEENAGE	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
TEENAGE	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
TEENAGE	VEG. ING	3.46E-01	4.50E+00	4.02E-01	4.02E-01	1.02E+00	0.00E+00
TEENAGE	MEAT ING	4.78E-02	6.36E-01	1.01E-01	1.01E-01	1.28E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.08E+01	4.01E+01	7.37E+01	9.76E-01	1.66E+00	2.67E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.61E+00	3.37E+01	6.07E+01	1.73E-01	1.92E-01	0.00E+00
ADULT	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
ADULT	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
ADULT	VEG. ING	4.78E-01	6.20E+00	5.56E-01	5.56E-01	1.41E+00	0.00E+00
ADULT	MEAT ING	8.35E-02	1.11E+00	1.76E-01	1.76E-01	2.23E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	9.44E+00	4.13E+01	6.17E+01	1.17E+00	2.09E+00	2.67E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 32 NAME=SF ESE

X= -2.8KM, Y= 2.6KM, Z= 0.0M, DIST= 3.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.02E+01	3.79E+01	2.91E+02	1.08E+00	1.16E+00	5.03E+01
INFANT	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
INFANT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.32E+01	4.09E+01	2.94E+02	4.07E+00	4.16E+00	5.32E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.12E+01	3.27E+01	1.40E+02	4.53E-01	4.48E-01	5.03E+01
CHILD	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
CHILD	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
CHILD	VEG. ING	2.12E-01	2.75E+00	2.51E-01	2.51E-01	6.25E-01	0.00E+00
CHILD	MEAT ING	2.95E-02	3.93E-01	6.24E-02	6.24E-02	7.89E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.44E+01	3.89E+01	1.43E+02	3.76E+00	4.14E+00	5.32E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.31E+01	3.48E+01	7.29E+01	2.13E-01	2.45E-01	5.03E+01
TEENAGE	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
TEENAGE	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
TEENAGE	VEG. ING	3.47E-01	4.51E+00	4.06E-01	4.06E-01	1.02E+00	0.00E+00
TEENAGE	MEAT ING	4.80E-02	6.38E-01	1.01E-01	1.01E-01	1.28E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.65E+01	4.29E+01	7.64E+01	3.71E+00	4.39E+00	5.32E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.16E+01	3.37E+01	6.07E+01	1.79E-01	1.95E-01	5.03E+01
ADULT	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
ADULT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
ADULT	VEG. ING	4.79E-01	6.21E+00	5.61E-01	5.61E-01	1.41E+00	0.00E+00
ADULT	MEAT ING	8.38E-02	1.11E+00	1.77E-01	1.77E-01	2.24E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.52E+01	4.40E+01	6.44E+01	3.91E+00	4.82E+00	5.32E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR ..

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.06E+01	3.11E+01	2.40E+02	8.55E-01	9.46E-01	0.00E+00
INFANT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
INFANT	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.09E+01	3.14E+01	2.40E+02	1.07E+00	1.17E+00	2.20E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.50E+01	2.69E+01	1.15E+02	3.58E-01	3.63E-01	0.00E+00
CHILD	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
CHILD	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
CHILD	VEG. ING	1.74E-01	2.26E+00	2.04E-01	2.04E-01	5.14E-01	0.00E+00
CHILD	MEAT ING	2.42E-02	3.22E-01	5.10E-02	5.10E-02	6.47E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.54E+01	2.97E+01	1.16E+02	8.33E-01	1.16E+00	2.20E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.34E+00	2.86E+01	6.01E+01	1.69E-01	1.99E-01	0.00E+00
TEENAGE	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
TEENAGE	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
TEENAGE	VEG. ING	2.85E-01	3.70E+00	3.31E-01	3.31E-01	8.42E-01	0.00E+00
TEENAGE	MEAT ING	3.93E-02	5.23E-01	8.28E-02	8.28E-02	1.05E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.89E+00	3.30E+01	6.07E+01	8.03E-01	1.37E+00	2.20E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.10E+00	2.77E+01	5.00E+01	1.42E-01	1.58E-01	0.00E+00
ADULT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
ADULT	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
ADULT	VEG. ING	3.93E-01	5.10E+00	4.57E-01	4.57E-01	1.16E+00	0.00E+00
ADULT	MEAT ING	6.87E-02	9.14E-01	1.45E-01	1.45E-01	1.83E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.78E+00	3.39E+01	5.08E+01	9.64E-01	1.72E+00	2.20E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.23E+01	3.12E+01	2.40E+02	9.24E-01	9.73E-01	2.75E+01
INFANT	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
INFANT	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.47E+01	3.36E+01	2.43E+02	3.36E+00	3.41E+00	2.99E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.66E+01	2.69E+01	1.15E+02	3.89E-01	3.76E-01	2.75E+01
CHILD	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
CHILD	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
CHILD	VEG. ING	1.75E-01	2.27E+00	2.08E-01	2.08E-01	5.17E-01	0.00E+00
CHILD	MEAT ING	2.44E-02	3.24E-01	5.17E-02	5.17E-02	6.52E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.92E+01	3.19E+01	1.18E+02	3.08E+00	3.39E+00	2.99E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.00E+01	2.86E+01	6.01E+01	1.82E-01	2.05E-01	2.75E+01
TEENAGE	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
TEENAGE	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
TEENAGE	VEG. ING	2.87E-01	3.72E+00	3.37E-01	3.37E-01	8.47E-01	0.00E+00
TEENAGE	MEAT ING	3.96E-02	5.26E-01	8.38E-02	8.38E-02	1.06E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.28E+01	3.53E+01	6.30E+01	3.04E+00	3.59E+00	2.99E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.75E+00	2.77E+01	5.00E+01	1.53E-01	1.63E-01	2.75E+01
ADULT	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
ADULT	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
ADULT	VEG. ING	3.96E-01	5.13E+00	4.65E-01	4.65E-01	1.17E+00	0.00E+00
ADULT	MEAT ING	6.92E-02	9.20E-01	1.47E-01	1.47E-01	1.85E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.16E+01	3.62E+01	5.31E+01	3.20E+00	3.95E+00	2.99E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.47E+01	3.53E+01	2.71E+02	9.68E-01	1.07E+00	0.00E+00
INFANT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
INFANT	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.49E+01	3.55E+01	2.72E+02	1.22E+00	1.32E+00	2.49E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.69E+01	3.05E+01	1.30E+02	4.05E-01	4.11E-01	0.00E+00
CHILD	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
CHILD	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
CHILD	VEG. ING	1.97E-01	2.56E+00	2.31E-01	2.31E-01	5.81E-01	0.00E+00
CHILD	MEAT ING	2.74E-02	3.65E-01	5.78E-02	5.78E-02	7.32E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.74E+01	3.36E+01	1.31E+02	9.43E-01	1.31E+00	2.49E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.44E+00	3.23E+01	6.79E+01	1.91E-01	2.25E-01	0.00E+00
TEENAGE	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
TEENAGE	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
TEENAGE	VEG. ING	3.23E-01	4.19E+00	3.75E-01	3.75E-01	9.52E-01	0.00E+00
TEENAGE	MEAT ING	4.45E-02	5.92E-01	9.38E-02	9.38E-02	1.19E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.01E+01	3.74E+01	6.87E+01	9.09E-01	1.54E+00	2.49E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.03E+00	3.14E+01	5.65E+01	1.61E-01	1.79E-01	0.00E+00
ADULT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
ADULT	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
ADULT	VEG. ING	4.45E-01	5.77E+00	5.18E-01	5.18E-01	1.32E+00	0.00E+00
ADULT	MEAT ING	7.78E-02	1.03E+00	1.64E-01	1.64E-01	2.08E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.80E+00	3.84E+01	5.75E+01	1.09E+00	1.95E+00	2.49E-01

1 REGION: D Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.66E+01	3.53E+01	2.71E+02	1.04E+00	1.10E+00	3.17E+01
INFANT	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
INFANT	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.94E+01	3.81E+01	2.74E+02	3.86E+00	3.92E+00	3.45E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.88E+01	3.05E+01	1.30E+02	4.38E-01	4.24E-01	3.17E+01
CHILD	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
CHILD	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
CHILD	VEG. ING	1.98E-01	2.57E+00	2.35E-01	2.35E-01	5.84E-01	0.00E+00
CHILD	MEAT ING	2.76E-02	3.67E-01	5.84E-02	5.84E-02	7.37E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.19E+01	3.62E+01	1.33E+02	3.55E+00	3.90E+00	3.45E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.13E+01	3.24E+01	6.79E+01	2.05E-01	2.32E-01	3.17E+01
TEENAGE	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
TEENAGE	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
TEENAGE	VEG. ING	3.24E-01	4.21E+00	3.81E-01	3.81E-01	9.57E-01	0.00E+00
TEENAGE	MEAT ING	4.48E-02	5.96E-01	9.49E-02	9.49E-02	1.20E-01	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.45E+01	4.00E+01	7.12E+01	3.50E+00	4.13E+00	3.45E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.93E+00	3.14E+01	5.65E+01	1.72E-01	1.84E-01	3.17E+01
ADULT	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
ADULT	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
ADULT	VEG. ING	4.47E-01	5.80E+00	5.26E-01	5.26E-01	1.32E+00	0.00E+00
ADULT	MEAT ING	7.83E-02	1.04E+00	1.66E-01	1.66E-01	2.09E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.33E+01	4.10E+01	6.00E+01	3.68E+00	4.53E+00	3.45E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 35 NAME=BC Ranch X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.40E+01	2.44E+01	1.88E+02	6.71E-01	7.41E-01	0.00E+00
INFANT	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
INFANT	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.41E+01	2.46E+01	1.88E+02	8.42E-01	9.13E-01	1.72E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.17E+01	2.11E+01	9.02E+01	2.81E-01	2.84E-01	0.00E+00
CHILD	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
CHILD	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
CHILD	VEG. ING	1.36E-01	1.77E+00	1.60E-01	1.60E-01	4.02E-01	0.00E+00
CHILD	MEAT ING	1.90E-02	2.53E-01	4.00E-02	4.00E-02	5.07E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.20E+01	2.33E+01	9.05E+01	6.53E-01	9.09E-01	1.72E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.53E+00	2.24E+01	4.70E+01	1.33E-01	1.56E-01	0.00E+00
TEENAGE	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
TEENAGE	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
TEENAGE	VEG. ING	2.23E-01	2.90E+00	2.60E-01	2.60E-01	6.59E-01	0.00E+00
TEENAGE	MEAT ING	3.08E-02	4.10E-01	6.50E-02	6.50E-02	8.22E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.95E+00	2.59E+01	4.75E+01	6.29E-01	1.07E+00	1.72E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.55E+00	2.17E+01	3.91E+01	1.11E-01	1.24E-01	0.00E+00
ADULT	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
ADULT	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
ADULT	VEG. ING	3.08E-01	4.00E+00	3.59E-01	3.59E-01	9.10E-01	0.00E+00
ADULT	MEAT ING	5.39E-02	7.16E-01	1.14E-01	1.14E-01	1.44E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	6.09E+00	2.66E+01	3.97E+01	7.56E-01	1.35E+00	1.72E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 35 NAME=BC Ranch

X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.47E+01	2.44E+01	1.88E+02	7.08E-01	7.56E-01	1.28E+01
INFANT	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
INFANT	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.66E+01	2.63E+01	1.90E+02	2.61E+00	2.65E+00	1.47E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.25E+01	2.11E+01	9.02E+01	2.98E-01	2.91E-01	1.28E+01
CHILD	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
CHILD	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
CHILD	VEG. ING	1.37E-01	1.78E+00	1.62E-01	1.62E-01	4.04E-01	0.00E+00
CHILD	MEAT ING	1.91E-02	2.54E-01	4.04E-02	4.04E-02	5.09E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.45E+01	2.50E+01	9.23E+01	2.40E+00	2.64E+00	1.47E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.30E+00	2.24E+01	4.70E+01	1.40E-01	1.59E-01	1.28E+01
TEENAGE	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
TEENAGE	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
TEENAGE	VEG. ING	2.24E-01	2.91E+00	2.63E-01	2.63E-01	6.61E-01	0.00E+00
TEENAGE	MEAT ING	3.10E-02	4.12E-01	6.55E-02	6.55E-02	8.27E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.45E+00	2.76E+01	4.92E+01	2.37E+00	2.80E+00	1.47E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.32E+00	2.17E+01	3.91E+01	1.17E-01	1.26E-01	1.28E+01
ADULT	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
ADULT	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
ADULT	VEG. ING	3.09E-01	4.01E+00	3.63E-01	3.63E-01	9.13E-01	0.00E+00
ADULT	MEAT ING	5.41E-02	7.20E-01	1.15E-01	1.15E-01	1.45E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.58E+00	2.84E+01	4.15E+01	2.49E+00	3.08E+00	1.47E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.48E+00	9.66E+00	7.42E+01	2.65E-01	2.93E-01	0.00E+00
INFANT	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
INFANT	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.55E+00	9.73E+00	7.43E+01	3.33E-01	3.61E-01	6.80E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.62E+00	8.34E+00	3.57E+01	1.11E-01	1.12E-01	0.00E+00
CHILD	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
CHILD	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
CHILD	VEG. ING	5.39E-02	7.00E-01	6.33E-02	6.33E-02	1.59E-01	0.00E+00
CHILD	MEAT ING	7.51E-03	9.98E-02	1.58E-02	1.58E-02	2.00E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.75E+00	9.21E+00	3.58E+01	2.58E-01	3.59E-01	6.80E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.58E+00	8.86E+00	1.86E+01	5.24E-02	6.16E-02	0.00E+00
TEENAGE	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
TEENAGE	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
TEENAGE	VEG. ING	8.83E-02	1.15E+00	1.03E-01	1.03E-01	2.60E-01	0.00E+00
TEENAGE	MEAT ING	1.22E-02	1.62E-01	2.57E-02	2.57E-02	3.25E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	2.75E+00	1.02E+01	1.88E+01	2.49E-01	4.22E-01	6.80E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.20E+00	8.59E+00	1.55E+01	4.40E-02	4.88E-02	0.00E+00
ADULT	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
ADULT	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
ADULT	VEG. ING	1.22E-01	1.58E+00	1.42E-01	1.42E-01	3.60E-01	0.00E+00
ADULT	MEAT ING	2.13E-02	2.83E-01	4.49E-02	4.49E-02	5.68E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	2.41E+00	1.05E+01	1.57E+01	2.99E-01	5.33E-01	6.80E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.00E+01	9.67E+00	7.42E+01	3.30E-01	3.18E-01	9.47E+00
INFANT	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
INFANT	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.08E+01	1.05E+01	7.50E+01	1.12E+00	1.11E+00	1.03E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.19E+00	8.35E+00	3.57E+01	1.40E-01	1.24E-01	9.47E+00
CHILD	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
CHILD	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
CHILD	VEG. ING	5.49E-02	7.11E-01	6.66E-02	6.66E-02	1.62E-01	0.00E+00
CHILD	MEAT ING	7.68E-03	1.02E-01	1.64E-02	1.64E-02	2.05E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.05E+00	9.95E+00	3.65E+01	1.02E+00	1.10E+00	1.03E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.15E+00	8.88E+00	1.86E+01	6.48E-02	6.75E-02	9.47E+00
TEENAGE	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
TEENAGE	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
TEENAGE	VEG. ING	8.99E-02	1.16E+00	1.08E-01	1.08E-01	2.65E-01	0.00E+00
TEENAGE	MEAT ING	1.25E-02	1.65E-01	2.66E-02	2.66E-02	3.33E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	4.05E+00	1.10E+01	1.95E+01	9.93E-01	1.16E+00	1.03E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.77E+00	8.60E+00	1.55E+01	5.43E-02	5.38E-02	9.47E+00
ADULT	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
ADULT	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
ADULT	VEG. ING	1.24E-01	1.60E+00	1.49E-01	1.49E-01	3.66E-01	0.00E+00
ADULT	MEAT ING	2.18E-02	2.89E-01	4.65E-02	4.65E-02	5.82E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.70E+00	1.13E+01	1.65E+01	1.04E+00	1.27E+00	1.03E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.08E+01	2.11E+01	1.63E+02	5.80E-01	6.41E-01	0.00E+00
INFANT	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
INFANT	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.09E+01	2.13E+01	1.63E+02	7.29E-01	7.90E-01	1.49E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.01E+01	1.82E+01	7.81E+01	2.43E-01	2.46E-01	0.00E+00
CHILD	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
CHILD	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
CHILD	VEG. ING	1.18E-01	1.53E+00	1.39E-01	1.39E-01	3.48E-01	0.00E+00
CHILD	MEAT ING	1.64E-02	2.19E-01	3.46E-02	3.46E-02	4.39E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.04E+01	2.01E+01	7.85E+01	5.65E-01	7.87E-01	1.49E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.65E+00	1.94E+01	4.07E+01	1.15E-01	1.35E-01	0.00E+00
TEENAGE	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
TEENAGE	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
TEENAGE	VEG. ING	1.93E-01	2.51E+00	2.24E-01	2.24E-01	5.71E-01	0.00E+00
TEENAGE	MEAT ING	2.67E-02	3.55E-01	5.62E-02	5.62E-02	7.12E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.02E+00	2.24E+01	4.11E+01	5.44E-01	9.26E-01	1.49E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.81E+00	1.88E+01	3.39E+01	9.63E-02	1.07E-01	0.00E+00
ADULT	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
ADULT	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
ADULT	VEG. ING	2.67E-01	3.46E+00	3.10E-01	3.10E-01	7.88E-01	0.00E+00
ADULT	MEAT ING	4.66E-02	6.20E-01	9.82E-02	9.82E-02	1.24E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.27E+00	2.30E+01	3.44E+01	6.54E-01	1.17E+00	1.49E-01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 37 NAME=Englebert. Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.23E+01	2.12E+01	1.63E+02	8.28E-01	7.38E-01	2.53E+01
INFANT	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
INFANT	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.41E+01	2.30E+01	1.64E+02	2.62E+00	2.53E+00	2.71E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.17E+01	1.83E+01	7.81E+01	3.53E-01	2.92E-01	2.53E+01
CHILD	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
CHILD	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
CHILD	VEG. ING	1.22E-01	1.57E+00	1.51E-01	1.51E-01	3.58E-01	0.00E+00
CHILD	MEAT ING	1.71E-02	2.26E-01	3.69E-02	3.69E-02	4.57E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.36E+01	2.19E+01	8.01E+01	2.33E+00	2.48E+00	2.71E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.18E+00	1.95E+01	4.07E+01	1.62E-01	1.58E-01	2.53E+01
TEENAGE	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
TEENAGE	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
TEENAGE	VEG. ING	1.99E-01	2.58E+00	2.45E-01	2.45E-01	5.87E-01	0.00E+00
TEENAGE	MEAT ING	2.77E-02	3.67E-01	5.98E-02	5.98E-02	7.42E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.19E+00	2.42E+01	4.28E+01	2.25E+00	2.61E+00	2.71E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.33E+00	1.88E+01	3.39E+01	1.36E-01	1.26E-01	2.53E+01
ADULT	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
ADULT	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
ADULT	VEG. ING	2.75E-01	3.56E+00	3.39E-01	3.39E-01	8.11E-01	0.00E+00
ADULT	MEAT ING	4.85E-02	6.41E-01	1.05E-01	1.05E-01	1.30E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.44E+00	2.48E+01	3.61E+01	2.37E+00	2.85E+00	2.71E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.90E+01	1.93E+01	1.49E+02	5.31E-01	5.87E-01	0.00E+00
INFANT	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
INFANT	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.91E+01	1.95E+01	1.49E+02	6.67E-01	7.24E-01	1.36E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.27E+00	1.67E+01	7.15E+01	2.22E-01	2.25E-01	0.00E+00
CHILD	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
CHILD	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
CHILD	VEG. ING	1.08E-01	1.40E+00	1.27E-01	1.27E-01	3.19E-01	0.00E+00
CHILD	MEAT ING	1.50E-02	2.00E-01	3.17E-02	3.17E-02	4.01E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	9.53E+00	1.84E+01	7.18E+01	5.17E-01	7.20E-01	1.36E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.17E+00	1.77E+01	3.73E+01	1.05E-01	1.23E-01	0.00E+00
TEENAGE	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
TEENAGE	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
TEENAGE	VEG. ING	1.77E-01	2.30E+00	2.06E-01	2.06E-01	5.22E-01	0.00E+00
TEENAGE	MEAT ING	2.44E-02	3.25E-01	5.14E-02	5.14E-02	6.52E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	5.51E+00	2.05E+01	3.76E+01	4.98E-01	8.47E-01	1.36E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.40E+00	1.72E+01	3.10E+01	8.82E-02	9.79E-02	0.00E+00
ADULT	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
ADULT	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
ADULT	VEG. ING	2.44E-01	3.17E+00	2.84E-01	2.84E-01	7.21E-01	0.00E+00
ADULT	MEAT ING	4.27E-02	5.68E-01	8.99E-02	8.99E-02	1.14E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	4.82E+00	2.11E+01	3.15E+01	5.98E-01	1.07E+00	1.36E-01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.04E+01	1.94E+01	1.49E+02	6.96E-01	6.51E-01	2.36E+01
INFANT	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00
INFANT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.21E+01	2.10E+01	1.50E+02	2.32E+00	2.28E+00	2.53E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.07E+01	1.67E+01	7.15E+01	2.96E-01	2.55E-01	2.36E+01
CHILD	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00
CHILD	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
CHILD	VEG. ING	1.11E-01	1.43E+00	1.35E-01	1.35E-01	3.25E-01	0.00E+00
CHILD	MEAT ING	1.55E-02	2.05E-01	3.32E-02	3.32E-02	4.14E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.24E+01	2.00E+01	7.33E+01	2.09E+00	2.25E+00	2.53E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.60E+00	1.78E+01	3.73E+01	1.36E-01	1.38E-01	2.36E+01
TEENAGE	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00
TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
TEENAGE	VEG. ING	1.81E-01	2.34E+00	2.19E-01	2.19E-01	5.33E-01	0.00E+00
TEENAGE	MEAT ING	2.51E-02	3.33E-01	5.39E-02	5.39E-02	6.71E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	8.43E+00	2.21E+01	3.92E+01	2.04E+00	2.37E+00	2.53E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.82E+00	1.72E+01	3.10E+01	1.14E-01	1.10E-01	2.36E+01
ADULT	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00
ADULT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
ADULT	VEG. ING	2.50E-01	3.23E+00	3.03E-01	3.03E-01	7.37E-01	0.00E+00
ADULT	MEAT ING	4.39E-02	5.82E-01	9.41E-02	9.41E-02	1.17E-01	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	7.75E+00	2.27E+01	3.30E+01	2.14E+00	2.59E+00	2.53E+01

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.30E+01	1.32E+01	1.02E+02	3.62E-01	4.00E-01	0.00E+00
INFANT	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
INFANT	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.31E+01	1.33E+01	1.02E+02	4.55E-01	4.93E-01	9.30E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.32E+00	1.14E+01	4.88E+01	1.52E-01	1.54E-01	0.00E+00
CHILD	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
CHILD	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
CHILD	VEG. ING	7.37E-02	9.56E-01	8.65E-02	8.65E-02	2.17E-01	0.00E+00
CHILD	MEAT ING	1.03E-02	1.36E-01	2.16E-02	2.16E-02	2.74E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	6.50E+00	1.26E+01	4.90E+01	3.53E-01	4.91E-01	9.30E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.53E+00	1.21E+01	2.54E+01	7.16E-02	8.41E-02	0.00E+00
TEENAGE	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
TEENAGE	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
TEENAGE	VEG. ING	1.21E-01	1.57E+00	1.40E-01	1.40E-01	3.56E-01	0.00E+00
TEENAGE	MEAT ING	1.66E-02	2.21E-01	3.51E-02	3.51E-02	4.44E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.76E+00	1.40E+01	2.57E+01	3.40E-01	5.78E-01	9.30E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.00E+00	1.17E+01	2.11E+01	6.01E-02	6.68E-02	0.00E+00
ADULT	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
ADULT	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
ADULT	VEG. ING	1.66E-01	2.16E+00	1.94E-01	1.94E-01	4.92E-01	0.00E+00
ADULT	MEAT ING	2.91E-02	3.87E-01	6.13E-02	6.13E-02	7.77E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.29E+00	1.44E+01	2.15E+01	4.08E-01	7.29E-01	9.30E-02

1REGION: E Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21
DURATION IN YRS IS...100.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.43E+01	1.32E+01	1.02E+02	6.52E-01	5.13E-01	2.13E+01
INFANT	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
INFANT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.54E+01	1.44E+01	1.03E+02	1.82E+00	1.68E+00	2.25E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.61E+00	1.14E+01	4.88E+01	2.80E-01	2.07E-01	2.13E+01
CHILD	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
CHILD	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
CHILD	VEG. ING	7.80E-02	1.01E+00	1.01E-01	1.01E-01	2.29E-01	0.00E+00
CHILD	MEAT ING	1.10E-02	1.45E-01	2.42E-02	2.42E-02	2.95E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	8.87E+00	1.37E+01	5.01E+01	1.57E+00	1.63E+00	2.25E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.82E+00	1.22E+01	2.54E+01	1.27E-01	1.11E-01	2.13E+01
TEENAGE	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
TEENAGE	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
TEENAGE	VEG. ING	1.28E-01	1.65E+00	1.64E-01	1.64E-01	3.76E-01	0.00E+00
TEENAGE	MEAT ING	1.79E-02	2.36E-01	3.93E-02	3.93E-02	4.79E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	6.13E+00	1.52E+01	2.68E+01	1.50E+00	1.70E+00	2.25E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.29E+00	1.18E+01	2.11E+01	1.06E-01	8.89E-02	2.13E+01
ADULT	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
ADULT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
ADULT	VEG. ING	1.76E-01	2.27E+00	2.27E-01	2.27E-01	5.19E-01	0.00E+00
ADULT	MEAT ING	3.13E-02	4.12E-01	6.87E-02	6.87E-02	8.37E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	5.66E+00	1.56E+01	2.26E+01	1.57E+00	1.86E+00	2.25E+01

1REGION: I Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE
08/21 DURATION IN YRS IS...100.0

NUMBER 40 NAME=Edgemont

X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.22E+00	3.27E+00	2.52E+01	8.98E-02	9.94E-02	0.00E+00
INFANT	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
INFANT	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.24E+00	3.30E+00	2.52E+01	1.13E-01	1.22E-01	2.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.57E+00	2.83E+00	1.21E+01	3.76E-02	3.81E-02	0.00E+00
CHILD	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
CHILD	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
CHILD	VEG. ING	1.83E-02	2.37E-01	2.15E-02	2.15E-02	5.39E-02	0.00E+00
CHILD	MEAT ING	2.55E-03	3.39E-02	5.36E-03	5.36E-03	6.79E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	1.61E+00	3.12E+00	1.22E+01	8.76E-02	1.22E-01	2.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.76E-01	3.00E+00	6.31E+00	1.78E-02	2.09E-02	0.00E+00
TEENAGE	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
TEENAGE	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
TEENAGE	VEG. ING	2.99E-02	3.89E-01	3.48E-02	3.48E-02	8.84E-02	0.00E+00
TEENAGE	MEAT ING	4.13E-03	5.50E-02	8.71E-03	8.71E-03	1.10E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	9.33E-01	3.47E+00	6.37E+00	8.43E-02	1.43E-01	2.31E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.45E-01	2.91E+00	5.25E+00	1.49E-02	1.66E-02	0.00E+00
ADULT	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
ADULT	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
ADULT	VEG. ING	4.13E-02	5.36E-01	4.81E-02	4.81E-02	1.22E-01	0.00E+00
ADULT	MEAT ING	7.22E-03	9.60E-02	1.52E-02	1.52E-02	1.93E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	8.17E-01	3.57E+00	5.34E+00	1.01E-01	1.81E-01	2.31E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 40 NAME=Edgemont

X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.54E+00	3.33E+00	2.52E+01	3.68E-01	2.07E-01	5.04E+00
INFANT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
INFANT	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.83E+00	3.62E+00	2.55E+01	6.59E-01	4.99E-01	5.33E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.88E+00	2.87E+00	1.21E+01	1.61E-01	8.90E-02	5.04E+00
CHILD	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
CHILD	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
CHILD	VEG. ING	2.24E-02	2.85E-01	3.56E-02	3.56E-02	6.54E-02	0.00E+00
CHILD	MEAT ING	3.28E-03	4.23E-02	7.87E-03	7.87E-03	8.84E-03	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	2.20E+00	3.49E+00	1.24E+01	4.96E-01	4.54E-01	5.33E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.19E+00	3.10E+00	6.31E+00	7.07E-02	4.63E-02	5.04E+00
TEENAGE	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
TEENAGE	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
TEENAGE	VEG. ING	3.67E-02	4.67E-01	5.80E-02	5.80E-02	1.07E-01	0.00E+00
TEENAGE	MEAT ING	5.32E-03	6.87E-02	1.28E-02	1.28E-02	1.43E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.52E+00	3.93E+00	6.67E+00	4.33E-01	4.59E-01	5.33E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.05E+00	2.97E+00	5.25E+00	5.90E-02	3.78E-02	5.04E+00
ADULT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
ADULT	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
ADULT	VEG. ING	5.06E-02	6.44E-01	8.01E-02	8.01E-02	1.48E-01	0.00E+00
ADULT	MEAT ING	9.29E-03	1.20E-01	2.23E-02	2.23E-02	2.51E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.41E+00	4.02E+00	5.64E+00	4.53E-01	5.02E-01	5.33E+00

1REGION: 1 Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.87E+00	7.00E+00	5.38E+01	1.92E-01	2.12E-01	0.00E+00
INFANT	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
INFANT	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.92E+00	7.05E+00	5.39E+01	2.41E-01	2.62E-01	4.93E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.35E+00	6.05E+00	2.59E+01	8.05E-02	8.15E-02	0.00E+00
CHILD	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
CHILD	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
CHILD	VEG. ING	3.91E-02	5.07E-01	4.59E-02	4.59E-02	1.15E-01	0.00E+00
CHILD	MEAT ING	5.44E-03	7.24E-02	1.15E-02	1.15E-02	1.45E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	3.45E+00	6.68E+00	2.60E+01	1.87E-01	2.61E-01	4.93E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.87E+00	6.42E+00	1.35E+01	3.80E-02	4.46E-02	0.00E+00
TEENAGE	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
TEENAGE	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
TEENAGE	VEG. ING	6.40E-02	8.31E-01	7.44E-02	7.44E-02	1.89E-01	0.00E+00
TEENAGE	MEAT ING	8.83E-03	1.17E-01	1.86E-02	1.86E-02	2.36E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	1.99E+00	7.42E+00	1.36E+01	1.80E-01	3.06E-01	4.93E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.59E+00	6.23E+00	1.12E+01	3.19E-02	3.54E-02	0.00E+00
ADULT	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
ADULT	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
ADULT	VEG. ING	8.83E-02	1.15E+00	1.03E-01	1.03E-01	2.61E-01	0.00E+00
ADULT	MEAT ING	1.54E-02	2.05E-01	3.25E-02	3.25E-02	4.12E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	1.75E+00	7.63E+00	1.14E+01	2.17E-01	3.87E-01	4.93E-02

1REGION: Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

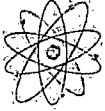
PAGE 08/21
DURATION IN YRS IS...100.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.75E+00	7.03E+00	5.38E+01	3.58E-01	2.77E-01	1.44E+01
INFANT	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	8.40E+00	7.68E+00	5.45E+01	1.00E+00	9.24E-01	1.51E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.22E+00	6.07E+00	2.59E+01	1.54E-01	1.12E-01	1.44E+01
CHILD	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
CHILD	VEG. ING	4.16E-02	5.36E-01	5.43E-02	5.43E-02	1.22E-01	0.00E+00
CHILD	MEAT ING	5.88E-03	7.74E-02	1.30E-02	1.30E-02	1.57E-02	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	4.92E+00	7.33E+00	2.66E+01	8.68E-01	8.96E-01	1.51E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.74E+00	6.48E+00	1.35E+01	6.96E-02	5.98E-02	1.44E+01
TEENAGE	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
TEENAGE	VEG. ING	6.81E-02	8.78E-01	8.82E-02	8.82E-02	2.00E-01	0.00E+00
TEENAGE	MEAT ING	9.54E-03	1.26E-01	2.11E-02	2.11E-02	2.56E-02	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	3.47E+00	8.13E+00	1.42E+01	8.25E-01	9.32E-01	1.51E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.46E+00	6.26E+00	1.12E+01	5.83E-02	4.81E-02	1.44E+01
ADULT	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
ADULT	VEG. ING	9.39E-02	1.21E+00	1.22E-01	1.22E-01	2.76E-01	0.00E+00
ADULT	MEAT ING	1.67E-02	2.20E-01	3.68E-02	3.68E-02	4.47E-02	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	3.22E+00	8.34E+00	1.20E+01	8.64E-01	1.02E+00	1.51E+01

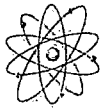
0Program execution time = 5.11 seconds



 **POWERTECH (USA) INC.**

APPENDIX 4.14-B

MILDOS AREA SIMULATION FOR WASTE DISPOSAL WELL



POWERTECH (USA) INC.

11REGION: Dewey Burdock
METSET:
0

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TABLE OF CONTENTS

PAGE 1
02/23/09

OMETEOROLOGICAL DATA	2
INDIVIDUAL RECEPTORS & MISCELLANEOUS INPUT DATA	3
POPULATION DISTRIBUTION	4
SOURCE PARAMETERS	5
TIME STEP 1,	
CONCENTRATION DATA FOR SPATIAL INTERVALS	6
100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR	
INHALATION PATHWAY	11
GROUND PATHWAY	15
CLOUD PATHWAY	16
VEGETATION INGESTION PATHWAY	17
MEAT INGESTION PATHWAY	19
MILK INGESTION PATHWAY	21
POPULATION DOSE SUMMARY	23
INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS	24
INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS	30
INDIVIDUAL RECEPTOR ALC CHECK AND/OR ANNUAL DOSE COMMITMENTS	31
TIME STEP 2,	
CONCENTRATION DATA FOR SPATIAL INTERVALS	52
100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR	
INHALATION PATHWAY	57
GROUND PATHWAY	61
CLOUD PATHWAY	62
VEGETATION INGESTION PATHWAY	63
MEAT INGESTION PATHWAY	65
MILK INGESTION PATHWAY	67
POPULATION DOSE SUMMARY	69
ENVIRONMENTAL DOSE COMMITMENTS, INTEGRATED OVER ALL TIME STEPS	70



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 2
02/23/09

JOINT FREQUENCY IN PERCENT, DIRECTION INDICATES WHERE WIND IS FROM
FREQWS=0.46786,0.23973,0.15172,0.09302,0.03668,0.01100

MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W
WNW	NW	NNW	TOTALS										

STABILITY CLASS 1

1.5	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0260										
5.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260	0.0000
0.0000	0.0000	0.0000	0.0260										
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
ALL	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260	0.0000
0.0000	0.0000	0.0000	0.0520										

STABILITY CLASS 2

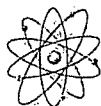
1.5	0.3930	0.2360	0.1310	0.1050	0.0790	0.1830	0.1570	0.3410	0.7340	0.7340	0.7860	0.4980	0.8650
0.8390	0.9170	0.7080	7.7060										
5.5	0.0520	0.0000	0.0000	0.0260	0.0000	0.0260	0.0000	0.0520	0.0790	0.0790	0.0520	0.1050	0.2620
0.0790	0.1830	0.1050	1.1000										
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0790	0.0000	0.0000	0.0790										
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
ALL	0.4450	0.2360	0.1310	0.1310	0.0790	0.2090	0.1570	0.3930	0.8130	0.8130	0.8380	0.6030	1.1270
0.9970	1.1000	0.8130	8.8850										

STABILITY CLASS 3

1.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
5.5	0.0520	0.0000	0.0260	0.0000	0.0260	0.0790	0.3410	0.2360	0.3140	0.0260	0.1050	0.2880	0.6290
1.1010	0.8650	0.6810	4.7690										
10.0	0.0000	0.0000	0.0000	0.0000	0.1050	0.0260	0.2880	0.2360	0.0260	0.0000	0.0260	0.0260	0.1310
0.8390	0.6810	0.4450	2.8290										
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
ALL	0.0520	0.0000	0.0260	0.0000	0.1310	0.1050	0.6290	0.4720	0.3400	0.0260	0.1310	0.3140	0.7600
1.9400	1.5460	1.1260	7.5980										

STABILITY CLASS 4

1.5	1.7600	0.4720	0.1830	0.1570	0.2620	0.2100	0.2880	0.6290	0.8120	0.4720	0.4980	0.6550	0.5770
0.4980	0.9430	1.1790	9.5950										
5.5	1.0200	0.1570	0.1570	0.3410	0.8390	0.6290	0.5240	0.6290	0.2360	0.2360	0.0260	0.1570	0.4980
1.3890	2.0960	1.8870	10.8210										
10.0	0.3140	0.1050	0.1050	0.6030	1.0740	0.5240	0.5500	0.1830	0.0000	0.0000	0.1310	0.0790	0.4720
2.4630	4.1930	1.4680	12.2640										
15.5	0.0260	0.0000	0.0260	0.3930	0.5770	0.1050	0.1050	0.0790	0.0000	0.0000	0.1830	0.1830	0.3140
1.7300	4.7690	0.8120	9.3020										



POWERTECH (USA) INC.

21.5 0.0000 0.0000 0.0000 0.0520 0.0260 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0790 0.1830
0.6550 2.5160 0.1570 3.6680
28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0260 0.0260
0.0520 0.9700 0.0260 1.1000
ALL 3.1200 0.7340 0.4710 1.5460 2.7780 1.4680 1.4670 1.5200 1.0480 0.7080 0.8380 1.1790 2.0700
6.7870 15.4870 5.5290 46.7500

STABILITY CLASS 5

1.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
5.5 0.8120 0.0790 0.1310 0.1830 0.2100 0.1570 0.2620 0.2880 0.0260 0.0000 0.0260 0.0000 0.0520
0.2880 0.6030 0.8650 3.9820
10.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
15.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
21.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
ALL 0.8120 0.0790 0.1310 0.1830 0.2100 0.1570 0.2620 0.2880 0.0260 0.0000 0.0260 0.0000 0.0520
0.2880 0.6030 0.8650 3.9820

STABILITY CLASS 6

1.5 5.5600 3.3540 2.0700 1.2050 0.8650 0.8390 0.8910 1.2050 1.1270 0.7860 0.5240 0.5770 0.9430
1.4940 2.5940 5.4250 29.4590
5.5 0.7600 0.1570 0.1050 0.1050 0.1310 0.2100 0.0790 0.1310 0.1830 0.0000 0.0520 0.0260 0.1050
0.1830 0.2880 0.7600 3.2750
10.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
15.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
21.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
ALL 6.3200 3.5110 2.1750 1.3100 0.9960 1.0490 0.9700 1.3360 1.3100 0.7860 0.5760 0.6030 1.0480
1.6770 2.8820 6.1850 32.7340

ALL 10.7750 4.5600 2.9340 3.1700 4.1940 2.9880 3.4850 4.0090 3.5370 2.3330 2.4090 2.7250
5.0570 11.6890 21.6180 14.5180 100.0010



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 3
02/23/09

-----INDIVIDUAL RECEPTOR LOCATION DATA, 41 LOCATIONS INPUT THIS
RUN-----

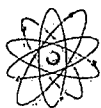
I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE	I	LOCATION NAMES	X(KM)
Y(KM)	Z(M)	DIST(KM)	TYPE						
1	CPP N	0.00	2.82	0.00	2.82	10	22	SF SSE	-3.55
0.15	0.00	3.55	10						
2	CPP NNE	1.07	2.78	0.00	2.98	10	23	SF SE	-2.81
1.30	0.00	3.10	10						
3	CPP NE	1.16	1.17	0.00	1.65	10	24	SF S	-4.91
-0.25	0.00	4.92	10						
4	CPP ENE	2.64	1.01	0.00	2.83	10	25	SF SSW	-5.70
1.38	0.00	5.86	10						
5	CPP E	2.60	0.00	0.00	2.60	10	26	SF SW	-6.28
2.06	0.00	6.61	10						
6	CPP ESE	2.53	-0.97	0.00	2.71	10	27	SF WSW	-6.24
2.92	0.00	6.89	10						
7	CPP SSE	0.85	-2.25	0.00	2.41	10	28	SF W	-7.02
3.43	0.00	7.81	10						
8	CPP SE	2.13	-2.14	0.00	3.02	10	29	SF WNW	-6.98
4.21	0.00	8.15	10						
9	CPP S	0.00	-2.87	0.00	2.87	10	30	SF NW	-6.24
4.69	0.00	7.81	10						
10	CPP SSW	-1.09	-2.84	0.00	3.04	10	31	SF NNW	-5.40
4.67	0.00	7.14	10						
11	CPP SW	-2.44	-2.43	0.00	3.44	10	32	SF ESE	-3.00
2.69	0.00	4.03	10						
12	CPP WSW	-2.37	-0.90	0.00	2.54	10	33	Daniels Ranch	2.13
0.02	0.00	2.13	10						
13	CPP W	-2.32	0.00	0.00	2.32	10	34	Spencer Ranch	-2.00
1.21	0.00	2.34	10						
14	CPP WNW	-2.29	0.87	0.00	2.45	10	35	BC Ranch	-6.64
3.81	0.00	7.66	10						
15	CPP NW	-2.55	2.52	0.00	3.59	10	36	Puttman Ranch	-5.16
7.23	0.00	8.88	10						
16	CPP NNW	-1.42	3.70	0.00	3.96	10	37	Englebert Ranch	0.30
-4.83	0.00	4.84	10						
17	SF N	-4.92	5.28	0.00	7.22	10	38	Burdock School	-2.25
-1.96	0.00	2.98	10						
18	SF NNE	-4.23	5.25	0.00	6.74	10	39	Heck Ranch	1.73
-6.38	0.00	6.61	10						
19	SF NE	-2.70	5.64	0.00	6.25	10	40	Edgemont	11.03
-18.59	0.00	21.62	10						
20	SF ENE	-3.35	4.01	0.00	5.23	10	41	Background	-5.25
-3.00	0.00	6.05	10						
21	SF E	-2.97	3.43	0.00	4.54	10			

MISCELLANEOUS INPUTABLE PARAMETER VALUES

DMM	DMA	TSTART	FFORI	FHAYI	FFORP	FHAYP	FPR(1)
FPR(2)	FPR(3)	ACTRAT					
100.0	100.0	2008.00	0.50	0.50	0.50	0.50	0.00
0.00	0.00	2.50					

IPACT EQUALS 0, 0, 0, 1,
JC EQUALS 1, 1, 1, 1, 0, 0, 0, 0, 1, 0

TIME STEP DATA....	STEP NAMES	LENGTH, YRS	IFTODO
1		5.00	1
2		100.00	0



POWERTECH (USA) INC.

XRHO EQUALS 1.5, 2.5, 3.5, 4.5, 7.5, 15.0, 25.0, 35.0, 45.0, 55.0, 65.0,
75.0,

HDP EQUALS 50.0



POWERTech (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 4
02/23/09

POPULATION DISTRIBUTION

WSW	W	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW
WSW	W	WNW	NW	NNW								
0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5	225.0		
247.5	270.0	292.5	315.0	337.5								

1.0- 2.0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	0	0									
2.0- 3.0	0	0	0	0	0	0	0	0	0	1	0	0
0 0	0	0	0									
3.0- 4.0	0	0	0	0	0	0	0	0	0	0	0	0
6 0	0	0	0									
4.0- 5.0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	0	0									
5.0-10.0	0	0	0	0	0	0	0	0	2	11	3	0
0 0	8	6	2									
10.0-20.0	19	26	12	10	0	24	21	12	18	0	7	0
0 0	6	2	0									
20.0-30.0	14	165	8	15	154	47	26	342	649	7	0	0
0 0	2	0	35									
30.0-40.0	15	54	59	494	282	501	76	18	52	6	2	29
0 2	2	10	234									
40.0-50.0	4	25	64	3852	21	4651	329	32	7	18	2	18
0 10	18	22	4129									
50.0-60.0	28	25	229	391	73	278	183	12	30	2	25	21
0 0	57	30	121									
60.0-70.0	8	39	780	1825	268	70	143	13	20	17	21	23
0 22	58	50	316									
70.0-80.0	9	58	386	3427	539	95	136	34	30	44	48	61
0 18	33	72	77									

1.0-80.0	392	1538	10014	1337	5666	914	463	808	106	108	152
103 52	184	192	4914								

TOTAL 1-80 KM POPULATION IS 26943 PERSONS



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 5
02/23/09

NUMBER OF SOURCES= 4

PSIZE	KM M/SEC	KM X	M Y	KM2 Z	CI/YEAR						
NO.	EXIT	VEL	SOURCE	NAME	AREA	U-238	Th-230	Ra-226	Pb-210	Rn-222	ID
1	-4.92	3.43	16.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02	1001
1	3.30E+00	SF									
2	1.83	-0.56	0.00	0.9130	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02	1002
1	0.00E+00	CPP Wellfield									
3	-3.86	3.48	0.00	0.8380	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02	1003
1	0.00E+00	SF Wellfield									
4	0.00	0.00	16.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02	1004
1	3.30E+00	CPP									

INPUT TAILS ACTIVITIES, Pci/G						AMAD AND FRACTIONAL			
DISTRIBUTION									
SET URANIUM THORIUM RADIUM LEAD						SET 1.5 3.0 7.7			
54.0									
-----						-----			
1 0.00E+00 0.00E+00 0.00E+00 0.00E+00						1 0.000 1.000			
0.000 0.000						2 1.000 0.000			
0.000 0.000	2 0.00E+00 0.00E+00 0.00E+00 0.00E+00					3 0.000 0.000			
0.300 0.700	3 0.00E+00 0.00E+00 0.00E+00 0.00E+00								

PARTICULATE SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 2 TIME STEP(S) USED							
FOR THIS RUN							
SOURCE	TSTEP 1	TSTEP 2	TSTEP 3	TSTEP 4	TSTEP 5	TSTEP 6	TSTEP 7
TSTEP 8	TSTEP 9	TSTEP10					
NUMBER	5.00YRS	100.00YRS	5.00YRS	5.00YRS	5.00YRS	5.00YRS	5.00YRS
5.00YRS	5.00YRS	5.00YRS					

1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00					
2	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00					
3	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00					
4	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00					

RADON SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 2 TIME STEP(S) USED FOR THIS RUN							
SOURCE	TSTEP 1	TSTEP 2	TSTEP 3	TSTEP 4	TSTEP 5	TSTEP 6	TSTEP 7
TSTEP 8	TSTEP 9	TSTEP10					
NUMBER	5.00YRS	100.00YRS	5.00YRS	5.00YRS	5.00YRS	5.00YRS	5.00YRS
5.00YRS	5.00YRS	5.00YRS					

1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00					
2	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00					
3	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00					
4	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

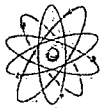
CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 6
02/23/09

IS... 5.0
TIME STEP NUMBER 1,
DURATION IN YRS
CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0
DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL							
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214
Bi-214	Pb-210	WL					
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.015E+01	2.002E+01	1.361E+01
9.042E+00	2.174E-05	1.234E-04					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.436E+01	1.432E+01	1.125E+01
8.437E+00	2.093E-05	1.032E-04					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.149E+01	1.147E+01	9.714E+00
7.884E+00	2.270E-05	9.047E-05					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.391E+00	8.387E+00	7.481E+00
6.425E+00	2.245E-05	7.053E-05					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.867E+00	4.868E+00	4.674E+00
4.410E+00	2.687E-05	4.516E-05					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.233E+00	2.234E+00	2.228E+00
2.211E+00	3.423E-05	2.185E-05					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.265E+00	1.265E+00	1.269E+00
1.270E+00	3.703E-05	1.248E-05					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.450E-01	8.455E-01	8.493E-01
8.516E-01	3.721E-05	8.353E-06					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.188E-01	6.192E-01	6.222E-01
6.243E-01	3.672E-05	6.121E-06					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.798E-01	4.801E-01	4.824E-01
4.841E-01	3.603E-05	4.746E-06					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.865E-01	3.867E-01	3.886E-01
3.900E-01	3.530E-05	3.824E-06					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.200E-01	3.202E-01	3.218E-01
3.229E-01	3.456E-05	3.166E-06					

GROUND SURFACE CONCENTRATIONS, PCI/M2							
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
Bi-214	Pb-210						
214							
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.586E+01	
1.586E+01	1.586E+01	4.528E+01					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.134E+01	
1.134E+01	1.134E+01	4.361E+01					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.082E+00	
9.082E+00	9.082E+00	4.729E+01					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.643E+00	
6.643E+00	6.643E+00	4.675E+01					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.856E+00	
3.856E+00	3.856E+00	5.597E+01					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.770E+00	
1.770E+00	1.770E+00	7.130E+01					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.002E+00	
1.002E+00	1.002E+00	7.714E+01					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-01	
6.696E-01	6.696E-01	7.752E+01					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.904E-01	
4.904E-01	4.904E-01	7.648E+01					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.802E-01	
3.802E-01	3.802E-01	7.505E+01					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.063E-01	
3.063E-01	3.063E-01	7.352E+01					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.536E-01	
2.536E-01	2.536E-01	7.199E+01					



POWERTECH (USA) INC.

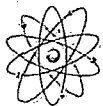
XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	6.521E-08
2.5	0.000E+00	0.000E+00	0.000E+00	6.280E-08
3.5	0.000E+00	0.000E+00	0.000E+00	6.811E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.734E-08
7.5	0.000E+00	0.000E+00	0.000E+00	8.061E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.027E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.111E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.116E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.101E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.059E-07
75.0	0.000E+00	0.000E+00	0.000E+00	1.037E-07



PAGE 7
02/23/09

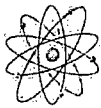
CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

		GROUND SURFACE CONCENTRATIONS, PCI/M2						
	XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
214	Bi-214	Pb-210						
	1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.144E+01	
2.144E+01	2.144E+01	5.007E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.639E+01	
1.639E+01	1.639E+01	5.225E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.076E+01	
1.076E+01	1.076E+01	5.868E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.933E+00	
7.933E+00	7.933E+00	6.472E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.953E+00	
3.953E+00	3.953E+00	7.085E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.805E+00	
1.805E+00	1.805E+00	7.771E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.993E-01	
9.993E-01	9.993E-01	7.695E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.709E-01	
6.709E-01	6.709E-01	7.503E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.947E-01	
4.947E-01	4.947E-01	7.300E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.859E-01	
3.859E-01	3.859E-01	7.108E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.127E-01	
3.127E-01	3.127E-01	6.930E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.602E-01	
2.602E-01	2.602E-01	6.765E+01						



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	7.211E-08
2.5	0.000E+00	0.000E+00	0.000E+00	7.526E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.452E-08
4.5	0.000E+00	0.000E+00	0.000E+00	9.321E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.020E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.119E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.108E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.051E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.024E-07
65.0	0.000E+00	0.000E+00	0.000E+00	9.980E-08
75.0	0.000E+00	0.000E+00	0.000E+00	9.743E-08



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 8
02/23/09

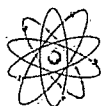
IS... 5.0 TIME STEP NUMBER 1, DURATION IN YRS

DEGREES CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0

XRHO, KM		TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL						
U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214		
Bi-214	Pb-210	WL						
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.331E+01	4.292E+01	2.648E+01	
1.553E+01	4.259E-05	2.364E-04	0.000E+00	0.000E+00	3.186E+01	3.182E+01	2.485E+01	
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E+01	2.482E+01	2.152E+01	
1.808E+01	5.789E-05	2.262E-04	0.000E+00	0.000E+00	2.114E+01	2.115E+01	1.937E+01	
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.305E+01	1.306E+01	1.272E+01	
1.772E+01	7.203E-05	2.008E-04	0.000E+00	0.000E+00	6.389E+00	6.393E+00	6.370E+00	
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E+00	3.550E+00	3.559E+00	
1.715E+01	8.683E-05	1.840E-04	0.000E+00	0.000E+00	2.350E+00	2.352E+00	2.361E+00	
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.708E+00	1.709E+00	1.717E+00	
1.225E+01	1.084E-04	1.236E-04	0.000E+00	0.000E+00	1.314E+00	1.315E+00	1.321E+00	
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.051E+00	1.052E+00	1.057E+00	
6.311E+00	1.198E-04	6.242E-05	0.000E+00	0.000E+00	8.641E-01	8.646E-01	8.688E-01	
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00				
3.558E+00	1.175E-04	3.497E-05	0.000E+00	0.000E+00				
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00				
2.367E+00	1.128E-04	2.322E-05	0.000E+00	0.000E+00				
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00				
1.722E+00	1.082E-04	1.689E-05	0.000E+00	0.000E+00				
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00				
1.326E+00	1.040E-04	1.300E-05	0.000E+00	0.000E+00				
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00				
1.060E+00	1.003E-04	1.040E-05	0.000E+00	0.000E+00				
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00				
8.719E-01	9.691E-05	8.548E-06						

		GROUND SURFACE CONCENTRATIONS, PCI/M2						
	XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
214	Bi-214	Pb-210						

	1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.400E+01	
3.400E+01	3.400E+01	8.872E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E+01	
2.520E+01	2.520E+01	1.206E+02						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.966E+01	
1.966E+01	1.966E+01	1.500E+02						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.675E+01	
1.675E+01	1.675E+01	1.809E+02						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.034E+01	
1.034E+01	1.034E+01	2.257E+02						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.063E+00	
5.063E+00	5.063E+00	2.495E+02						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.812E+00	
2.812E+00	2.812E+00	2.448E+02						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.863E+00	
1.863E+00	1.863E+00	2.350E+02						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.354E+00	
1.354E+00	1.354E+00	2.254E+02						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.042E+00	
1.042E+00	1.042E+00	2.167E+02						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.329E-01	
8.329E-01	8.329E-01	2.089E+02						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.848E-01	
6.848E-01	6.848E-01	2.019E+02						



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.278E-07
2.5	0.000E+00	0.000E+00	0.000E+00	1.737E-07
3.5	0.000E+00	0.000E+00	0.000E+00	2.161E-07
4.5	0.000E+00	0.000E+00	0.000E+00	2.605E-07
7.5	0.000E+00	0.000E+00	0.000E+00	3.251E-07
15.0	0.000E+00	0.000E+00	0.000E+00	3.593E-07
25.0	0.000E+00	0.000E+00	0.000E+00	3.526E-07
35.0	0.000E+00	0.000E+00	0.000E+00	3.385E-07
45.0	0.000E+00	0.000E+00	0.000E+00	3.246E-07
55.0	0.000E+00	0.000E+00	0.000E+00	3.121E-07
65.0	0.000E+00	0.000E+00	0.000E+00	3.009E-07
75.0	0.000E+00	0.000E+00	0.000E+00	2.907E-07



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 9
02/23/09

IS... 5.0

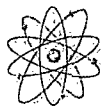
TIME STEP NUMBER 1,

DURATION IN YRS

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0
DEGREES

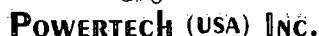
			TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL				
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214
Bi-214	Pb-210	WL					
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.161E+01	2.118E+01	1.524E+01
1.140E+01	3.217E-05	1.416E-04					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.592E+01	2.577E+01	2.064E+01
1.607E+01	4.130E-05	1.911E-04					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.753E+01	2.749E+01	2.274E+01
1.774E+01	4.408E-05	2.098E-04					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.420E+01	2.419E+01	2.026E+01
1.583E+01	3.989E-05	1.867E-04					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.064E+00	8.066E+00	7.423E+00
6.549E+00	2.777E-05	7.037E-05					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.813E+00	1.814E+00	1.740E+00
1.662E+00	2.181E-05	1.689E-05					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.889E-01	8.894E-01	8.748E-01
8.517E-01	2.081E-05	8.528E-06					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.623E-01	5.626E-01	5.598E-01
5.526E-01	1.963E-05	5.479E-06					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.013E-01	4.016E-01	4.016E-01
3.994E-01	1.866E-05	3.939E-06					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.069E-01	3.071E-01	3.079E-01
3.075E-01	1.785E-05	3.024E-06					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.455E-01	2.456E-01	2.465E-01
2.467E-01	1.717E-05	2.423E-06					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.025E-01	2.027E-01	2.035E-01
2.039E-01	1.657E-05	2.001E-06					

GROUND SURFACE CONCENTRATIONS, PCI/M2								
	XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
214	Bi-214	Pb-210						
	1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.678E+01	
1.678E+01	1.678E+01	6.700E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.041E+01	
2.041E+01	2.041E+01	8.603E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.177E+01	
2.177E+01	2.177E+01	9.182E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.916E+01	
1.916E+01	1.916E+01	8.308E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00	
6.389E+00	6.389E+00	5.785E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.437E+00	
1.437E+00	1.437E+00	4.544E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.045E-01	
7.045E-01	7.045E-01	4.334E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.456E-01	
4.456E-01	4.456E-01	4.089E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.181E-01	
3.181E-01	3.181E-01	3.887E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.432E-01	
2.432E-01	2.432E-01	3.719E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.945E-01	
1.945E-01	1.945E-01	3.576E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.605E-01	
1.605E-01	1.605E-01	3.451E+01						



POWERTECH (USA) INC.

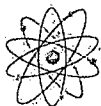
XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	9.650E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.239E-07
3.5	0.000E+00	0.000E+00	0.000E+00	1.322E-07
4.5	0.000E+00	0.000E+00	0.000E+00	1.197E-07
7.5	0.000E+00	0.000E+00	0.000E+00	8.332E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.544E-08
25.0	0.000E+00	0.000E+00	0.000E+00	6.242E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.889E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.598E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.356E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.150E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.970E-08



PAGE 10
02/23/09

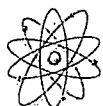
CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5 DEGREES

		GROUND SURFACE CONCENTRATIONS, PCI/M2						
	XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
214	Bi-214	Pb-210						
	1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.752E+01	
1.752E+01	1.752E+01	6.030E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.158E+01	
2.158E+01	2.158E+01	6.027E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.154E+01	
3.154E+01	3.154E+01	5.765E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.974E+01	
3.974E+01	3.974E+01	4.740E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.109E+00	
7.109E+00	7.109E+00	3.154E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.491E+00	
1.491E+00	1.491E+00	4.192E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.748E-01	
6.748E-01	6.748E-01	4.161E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.165E-01	
4.165E-01	4.165E-01	3.977E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.939E-01	
2.939E-01	2.939E-01	3.815E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.230E-01	
2.230E-01	2.230E-01	3.671E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.776E-01	
1.776E-01	1.776E-01	3.550E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.460E-01	
1.460E-01	1.460E-01	3.441E+01						



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	8.684E-08
2.5	0.000E+00	0.000E+00	0.000E+00	8.681E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.303E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.827E-08
7.5	0.000E+00	0.000E+00	0.000E+00	4.542E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.038E-08
25.0	0.000E+00	0.000E+00	0.000E+00	5.993E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.728E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.494E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.287E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.113E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.956E-08



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 11
02/23/09

IS... 5.0 TIME STEP NUMBER 1, DURATION IN YRS

EFFECTIV EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS

REM/YEAR DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.500E-05	4.465E-04	1.469E-04	
6.713E-05	6.590E-05	1.008E-04	1.468E-04						
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E-05	1.706E-05	1.241E-04	
1.315E-04	4.589E-04	1.525E-03	7.367E-04						
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.857E-05	2.870E-05	9.355E-04	
7.161E-03	7.122E-04	3.256E-03	5.992E-03						
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.134E-04	5.531E-04	
3.978E-05	1.340E-04	4.778E-04	9.357E-04						
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.540E-05	1.269E-04	1.319E-03	
1.192E-02	6.941E-04	1.705E-04	2.260E-04						
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.488E-05	8.890E-05	2.487E-04	
1.037E-03	5.584E-04	4.245E-04	3.950E-04						
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.460E-05	1.777E-03	9.030E-05	
1.554E-04	5.656E-05	5.972E-05	1.524E-04						
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-05	1.488E-04	5.282E-03	4.078E-04	
5.281E-05	2.181E-04	1.405E-04	2.040E-04						
S	0.000E+00	4.227E-06	0.000E+00	0.000E+00	8.705E-05	0.000E+00	6.012E-05	4.949E-05	
1.425E-04	1.523E-05	1.248E-04	3.123E-04						
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.953E-05	4.513E-05	0.000E+00	1.028E-05	
9.458E-06	1.103E-04	8.731E-05	1.894E-04						
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.673E-05	
4.951E-05	5.388E-05	5.558E-05	1.399E-04						
WSW	0.000E+00	0.000E+00	2.345E-05	0.000E+00	0.000E+00	4.401E-05	2.859E-05	2.771E-05	
6.827E-06	4.478E-05	1.210E-05	1.297E-05						
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.870E-06	
1.365E-05	0.000E+00	2.764E-05	2.184E-05						
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.844E-06	8.820E-06	2.919E-06	2.791E-06	
2.411E-05	7.350E-05	7.236E-05	3.992E-05						
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.560E-06	3.344E-06	0.000E+00	1.529E-05	
3.212E-05	4.205E-05	6.762E-05	9.474E-05						
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.293E-06	0.000E+00	8.803E-05	5.683E-04	
9.662E-03	2.735E-04	6.915E-04	1.635E-04						

TOTAL DOSE COMMITMENT IS 6.465E-02 PERSON-REM/YR



PAGE 12
02/23/09

DURATION IN YRS

EXPOSED ORGAN IS BONE

REM/YEAR

45.0 55.0 65.0 75.0

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.273E-04	3.621E-03	1.191E-03
5.438E-04	5.337E-04	8.156E-04	1.188E-03					
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.014E-04	1.383E-04	1.006E-03
1.065E-03	3.716E-03	1.234E-02	5.960E-03					
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.507E-04	2.327E-04	7.582E-03
5.801E-02	5.766E-03	2.635E-02	4.847E-02					
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.541E-03	4.482E-03
3.222E-04	1.085E-03	3.867E-03	7.569E-03					
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.305E-04	1.029E-03	1.069E-02
9.657E-02	5.620E-03	1.380E-03	1.828E-03					
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.073E-04	7.207E-04	2.015E-03
8.400E-03	4.521E-03	3.436E-03	3.195E-03					
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.239E-04	1.441E-02	7.318E-04
1.259E-03	4.580E-04	4.833E-04	1.233E-03					
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.197E-04	1.207E-03	4.283E-02	3.304E-03
4.278E-04	1.766E-03	1.137E-03	1.650E-03					
S	0.000E+00	3.430E-05	0.000E+00	0.000E+00	7.063E-04	0.000E+00	4.875E-04	4.011E-04
1.154E-03	1.233E-04	1.010E-03	2.526E-03					
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.584E-04	3.660E-04	0.000E+00	8.328E-05
7.661E-05	8.932E-04	7.066E-04	1.532E-03					
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.029E-04
4.011E-04	4.362E-04	4.499E-04	1.131E-03					
WSW	0.000E+00	0.000E+00	1.903E-04	0.000E+00	0.000E+00	3.570E-04	2.318E-04	2.246E-04
5.531E-05	3.626E-04	9.797E-05	1.049E-04					
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.326E-05
1.106E-04	0.000E+00	2.237E-04	1.767E-04					
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.177E-05	7.155E-05	2.367E-05	2.263E-05
1.953E-04	5.952E-04	5.857E-04	3.230E-04					
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.323E-05	2.713E-05	0.000E+00	1.240E-04
2.603E-04	3.406E-04	5.473E-04	7.665E-04					
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.672E-05	0.000E+00	7.139E-04	4.607E-03
7.828E-02	2.214E-03	5.597E-03	1.323E-03					

TOTAL DOSE COMMITMENT IS 5.237E-01 PERSON-REM/YR



PAGE 13
02/23/09

AVG. LUNG	EXPOSURE PATHWAY IS INHAL.	EXPOSED ORGAN IS

		XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
XRHO	XRHO	XRHO	XRHO					
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0
45.0	55.0	65.0	75.0					

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.655E-06	5.395E-05	1.822E-05
8.547E-06	8.610E-06	1.350E-05	2.018E-05					
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.929E-06	2.066E-06	1.543E-05
1.678E-05	6.011E-05	2.049E-04	1.015E-04					
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.196E-06	3.483E-06	1.166E-04
9.159E-04	9.348E-05	4.385E-04	8.275E-04					
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.811E-05	6.902E-05
5.093E-06	1.760E-05	6.437E-05	1.292E-04					
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.758E-06	1.544E-05	1.647E-04
1.527E-03	9.115E-05	2.295E-05	3.117E-05					
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.883E-06	1.082E-05	3.102E-05
1.326E-04	7.313E-05	5.693E-05	5.421E-05					
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.664E-06	2.164E-04	1.128E-05
1.989E-05	7.417E-06	8.020E-06	2.095E-05					
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.717E-06	1.765E-05	6.434E-04	5.098E-05
6.774E-06	2.870E-05	1.895E-05	2.820E-05					
S	0.000E+00	4.875E-07	0.000E+00	0.000E+00	1.014E-05	0.000E+00	7.322E-06	6.188E-06
1.828E-05	2.005E-06	1.686E-05	4.325E-05					
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.272E-06	5.351E-06	0.000E+00	1.283E-06
1.212E-06	1.451E-05	1.178E-05	2.621E-05					
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.080E-05
6.329E-06	7.068E-06	7.481E-06	1.930E-05					
WSW	0.000E+00	0.000E+00	2.699E-06	0.000E+00	0.000E+00	5.185E-06	3.457E-06	3.438E-06
8.693E-07	5.848E-06	1.621E-06	1.780E-06					
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E-07
1.730E-06	0.000E+00	3.677E-06	2.975E-06					
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.022E-06	1.035E-06	3.516E-07	3.449E-07
3.056E-06	9.551E-06	9.637E-06	5.447E-06					
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.577E-07	3.922E-07	0.000E+00	1.889E-06
4.070E-06	5.463E-06	9.002E-06	1.292E-05					
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.804E-07	0.000E+00	1.061E-05	7.029E-05
1.226E-03	3.561E-05	9.233E-05	2.238E-05					

TOTAL DOSE COMMITMENT IS 8.346E-03 PERSON-REM/YR



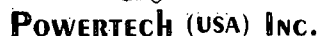
PAGE 14
02/23/09

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BRONCHI

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.257E-02	2.609E-01	5.704E-02	
1.934E-02	1.499E-02	1.884E-02	2.320E-02						
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E-02	9.344E-03	4.575E-02	
3.619E-02	1.000E-01	2.736E-01	1.118E-01						
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.810E-02	1.540E-02	3.413E-01	
1.961E+00	1.551E-01	5.852E-01	9.126E-01						
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.705E-01	2.067E-01	
1.123E-02	3.021E-02	8.924E-02	1.485E-01						
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.832E-02	7.408E-02	5.302E-01	
3.629E+00	1.692E-01	3.452E-02	3.900E-02						
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.973E-02	6.008E-02	1.171E-01	
3.738E-01	1.628E-01	1.038E-01	8.305E-02						
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.634E-02	1.199E+00	4.271E-02	
5.658E-02	1.673E-02	1.486E-02	3.270E-02						
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.595E-02	1.479E-01	2.931E+00	1.562E-01
1.538E-02	5.103E-02	2.737E-02	3.395E-02						
S	0.000E+00	3.983E-02	0.000E+00	0.000E+00	1.795E-01	0.000E+00	3.105E-02	1.763E-02	
3.843E-02	3.286E-03	2.233E-02	4.753E-02						
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.789E-02	3.984E-02	0.000E+00	3.575E-03	
2.486E-03	2.312E-02	1.513E-02	2.783E-02						
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.115E-02	
1.337E-02	1.158E-02	9.870E-03	2.105E-02						
WSW	0.000E+00	0.000E+00	1.444E-01	0.000E+00	0.000E+00	4.897E-02	1.718E-02	1.129E-02	
2.094E-03	1.096E-02	2.458E-03	2.244E-03						
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.406E-03	
5.017E-03	0.000E+00	6.751E-03	4.557E-03						
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.079E-02	1.412E-02	2.129E-03	1.314E-03	
8.344E-03	2.005E-02	1.625E-02	7.597E-03						
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.003E-01	5.514E-03	0.000E+00	7.255E-03	
1.124E-02	1.163E-02	1.542E-02	1.835E-02						
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.713E-02	0.000E+00	5.787E-02	2.434E-01	
3.050E+00	6.804E-02	1.414E-01	2.830E-02						

TOTAL DOSE COMMITMENT IS 2.090E+01 PERSON-REM/YR



PAGE 15
02/23/09

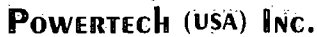
DURATION IN YRS

EXPOSED ORGAN IS

[illegible]

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.169E-05	5.339E-05	1.430E-05
5.772E-06	5.212E-06	7.505E-06	1.045E-05					
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.180E-06	1.969E-06	1.181E-05
1.111E-05	3.580E-05	1.123E-04	5.191E-05					
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.043E-06	3.277E-06	8.858E-05
6.041E-04	5.553E-05	2.398E-04	4.225E-04					
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.605E-05	5.293E-05
3.394E-06	1.056E-05	3.557E-05	6.667E-05					
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.123E-05	1.517E-05	1.305E-04
1.047E-03	5.618E-05	1.300E-05	1.645E-05					
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.416E-05	1.155E-05	2.653E-05
9.766E-05	4.822E-05	3.438E-05	3.045E-05					
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.210E-05	2.307E-04	9.657E-06
1.470E-05	4.911E-06	4.866E-06	1.182E-05					
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.860E-06	2.470E-05	6.141E-04	3.945E-05
4.559E-06	1.741E-05	1.059E-05	1.471E-05					
S	0.000E+00	4.729E-06	0.000E+00	0.000E+00	2.498E-05	0.000E+00	6.727E-06	4.638E-06
1.195E-05	1.184E-06	9.181E-06	2.202E-05					
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.336E-06	6.923E-06	0.000E+00	9.533E-07
7.860E-07	8.501E-06	6.366E-06	1.324E-05					
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.157E-06
4.156E-06	4.185E-06	4.080E-06	9.835E-06					
WSW	0.000E+00	0.000E+00	1.760E-05	0.000E+00	0.000E+00	7.898E-06	3.472E-06	2.758E-06
6.014E-07	3.630E-06	9.235E-07	9.451E-07					
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.124E-07
1.296E-06	0.000E+00	2.238E-06	1.680E-06					
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.064E-05	2.070E-06	3.970E-07	2.978E-07
2.231E-06	6.191E-06	5.697E-06	2.988E-06					
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.163E-05	8.033E-07	0.000E+00	1.638E-06
2.987E-06	3.560E-06	5.351E-06	7.126E-06					
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.116E-06	0.000E+00	1.126E-05	5.790E-05
8.610E-04	2.229E-05	5.288E-05	1.192E-05					

TOTAL DOSE COMMITMENT IS 5.815E-03 PERSON-REM/YR



PAGE 16
02/23/09

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

TOTAL DOSE COMMITMENT IS 1.809E-01 PERSON-REM/YR



PAGE 17
02/23/09

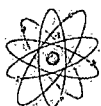
EFFECTIV	EXPOSURE PATHWAY IS VEG. ING	EXPOSED ORGAN IS

	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
XRHO	XRHO	XRHO	XRHO	XRHO					
DIRECTION		1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0
45.0	55.0	65.0	75.0						

[illegible]

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 18
02/23/09

IS... 5.0

TIME STEP NUMBER 1,

DURATION IN YRS

EXPOSURE PATHWAY IS VEG. ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0
45.0	55.0	65.0	75.0					

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.



PAGE 19
02/23/09

DURATION IN YRS

EXPOSED ORGAN IS

[illegible][illegible]

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
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TABLE FOR THIS INFORMATION.



PAGE 20
02/23/09

DURATION IN YRS

EXPOSED ORGAN IS BONE

REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0		
45.0	55.0	65.0	75.0							

[illegible]

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
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TABLE FOR THIS INFORMATION.



PAGE 21
02/23/09

EFFECTIVE	EXPOSURE PATHWAY IS MILK ING	EXPOSED ORGAN IS

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

[illegible]

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
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POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 22
02/23/09

IS... 5.0

TIME STEP NUMBER 1,

DURATION IN YRS

EXPOSURE PATHWAY IS MILK ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0		
45.0	55.0	65.0	75.0							
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.

**POWERTech (USA) Inc.**1REGION: Dewey Burdock
METSET:CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MILPAGE 23
02/23/09

IS... 5.0

TIME STEP NUMBER 1,

DURATION IN YRS

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 1--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL
DOSE COMMITMENTS, PERSON-REM/YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER
1.888E-01	INHAL.	6.465E-02	5.237E-01	8.346E-03	3.928E-01
5.815E-03	2.090E+01 GROUND	5.815E-03	5.815E-03	5.815E-03	5.815E-03
1.809E-01	5.815E-03 CLOUD	1.809E-01	1.809E-01	1.809E-01	1.809E-01
0.000E+00	1.809E-01 VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
3.755E-01	TOTALS 2.108E+01	2.513E-01	7.104E-01	1.950E-01	5.794E-01

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER
0.000E+00	INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7.984E+00	0.000E+00 RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00
7.984E+00	5.081E+01				
7.984E+00	TOTALS 5.081E+01	7.984E+00	1.089E+02	1.815E+00	7.984E+00

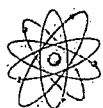
TOTAL DOSES COMPUTED OVER ALL POPULATIONS

KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER
--------	--------------------	----------	------	----------	-------



POWERTECH (USA) INC.

<hr/>					
1.888E-01	INHAL.	6.465E-02	5.237E-01	8.346E-03	3.928E-01
	2.090E+01				
	GROUND	5.815E-03	5.815E-03	5.815E-03	5.815E-03
5.815E-03	5.815E-03				
	CLOUD	1.809E-01	1.809E-01	1.809E-01	1.809E-01
1.809E-01	1.809E-01				
	VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
	MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
	MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
	RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00
7.984E+00	5.081E+01				
<hr/>					
	TOTALS	8.236E+00	1.096E+02	2.010E+00	8.564E+00
8.360E+00	7.189E+01				



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 24
02/23/09
DURATION IN YRS

IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238
Th-230	Ra-226	Pb-210					

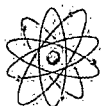
1	CPP N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
1	CPP N	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
1	CPP N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
1	CPP N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

2	CPP NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
2	CPP NNE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
2	CPP NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
2	CPP NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

3	CPP NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
3	CPP NE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
3	CPP NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
3	CPP NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

4	CPP ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
4	CPP ENE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
4	CPP ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
4	CPP ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

5	CPP E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
5	CPP E	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
5	CPP E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
5	CPP E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					



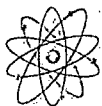
POWERTECH (USA) INC.

CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

6 CPP ESE		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
6 CPP ESE		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
6 CPP ESE		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
6 CPP ESE		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

7 CPP SSE		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
7 CPP SSE		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
7 CPP SSE		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
7 CPP SSE		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

8 CPP SE		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
8 CPP SE		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
8 CPP SE		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
8 CPP SE		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 25
02/23/09
DURATION IN YRS

IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238
Th-230	Ra-226	Pb-210					

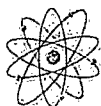
9 CPP S		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
9 CPP S		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
9 CPP S		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
9 CPP S		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

10 CPP SSW		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
10 CPP SSW		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
10 CPP SSW		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
10 CPP SSW		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

11 CPP SW		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
11 CPP SW		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
11 CPP SW		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
11 CPP SW		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

12 CPP WSW		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
12 CPP WSW		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
12 CPP WSW		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
12 CPP WSW		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

13 CPP W		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
13 CPP W		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
13 CPP W		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
13 CPP W		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					



POWERTECH (USA) INC.

CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				

14	CPP WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
14	CPP WNW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
14	CPP WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
14	CPP WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

15	CPP NW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
15	CPP NW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
15	CPP NW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
15	CPP NW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

16	CPP NNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
16	CPP NNW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
16	CPP NNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
16	CPP NNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 26
02/23/09
DURATION IN YRS

IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2							
NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238
Th-230	Ra-226	Pb-210					

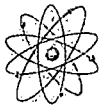
17	SF N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
17	SF N	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
17	SF N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
17	SF N	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

18	SF NNE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
18	SF NNE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
18	SF NNE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
18	SF NNE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

19	SF NE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
19	SF NE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
19	SF NE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
19	SF NE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

20	SF ENE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
20	SF ENE	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
20	SF ENE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
20	SF ENE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

21	SF E	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
21	SF E	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
21	SF E	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
21	SF E	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					



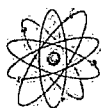
POWERTECH (USA) INC.

CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

22 SF SSE		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
22 SF SSE		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
22 SF SSE		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
22 SF SSE		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

23 SF SE		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
23 SF SE		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
23 SF SE		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
23 SF SE		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

24 SF S		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
24 SF S		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
24 SF S		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
24 SF S		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
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CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 27
02/23/09
DURATION IN YRS

IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238
Th-230	Ra-226	Pb-210					

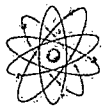
25	SF SSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
25	SF SSW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
25	SF SSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
25	SF SSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

26	SF SW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
26	SF SW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
26	SF SW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
26	SF SW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

27	SF WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
27	SF WSW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
27	SF WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
27	SF WSW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

28	SF W	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
28	SF W	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
28	SF W	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
28	SF W	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

29	SF WNW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
29	SF WNW	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
29	SF WNW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
29	SF WNW	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					



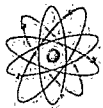
POWERTECH (USA) INC.

CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				

30 SF NW		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
30 SF NW		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
30 SF NW		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
30 SF NW		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				

31 SF NNW		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
31 SF NNW		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
31 SF NNW		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
31 SF NNW		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				

32 SF ESE		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
32 SF ESE		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
32 SF ESE		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
32 SF ESE		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00				



POWERTECH (USA) INC.

1REGION: Dewey Burdock
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INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238
Th-230	Ra-226	Pb-210					

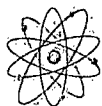
33	Daniels Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
33	Daniels Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
33	Daniels Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
33	Daniels Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

34	Spencer Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
34	Spencer Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
34	Spencer Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
34	Spencer Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

35	BC Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
35	BC Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
35	BC Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
35	BC Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

36	Puttman Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
36	Puttman Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
36	Puttman Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
36	Puttman Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

37	Englebert Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
37	Englebert Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
37	Englebert Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
37	Englebert Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					



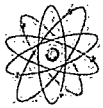
POWERTECH (USA) INC.

CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

38 Burdock School	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
38 Burdock School	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
38 Burdock School	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
38 Burdock School	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

39 Heck Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
39 Heck Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
39 Heck Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
39 Heck Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

40 Edgemont	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
40 Edgemont	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
40 Edgemont	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
40 Edgemont	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
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PAGE 29
02/23/09

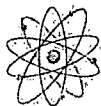
DURATION IN YRS

IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238
Th-230	Ra-226	Pb-210					
41	Background	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
41	Background	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
41	Background	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
41	Background	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
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PAGE 30
02/23/09

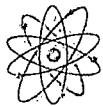
IS... 5.0

DURATION IN YRS

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

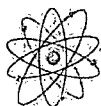
GROUND CONCENTRATIONS, PCI/M2

NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218
Pb-214	Bi-214	Pb-210							
1	1.291E+01	1.288E+01	1.043E+01	8.061E+00	2.086E-05	5.920E-08	4.717E-12	9.621E-05	
1.020E+01	1.020E+01	1.020E+01	8.844E+00						
2	1.071E+01	1.070E+01	8.949E+00	7.133E+00	2.169E-05	7.509E-08	7.492E-12	8.300E-05	
8.477E+00	8.477E+00	8.477E+00	9.198E+00						
3	1.815E+01	1.802E+01	1.216E+01	7.896E+00	2.277E-05	9.245E-08	1.097E-11	1.096E-04	
1.427E+01	1.427E+01	1.427E+01	9.656E+00						
4	1.310E+01	1.305E+01	9.394E+00	6.493E+00	2.411E-05	1.269E-07	1.929E-11	8.529E-05	
1.034E+01	1.034E+01	1.034E+01	1.022E+01						
5	2.224E+01	2.158E+01	1.126E+01	6.548E+00	2.525E-05	1.444E-07	2.345E-11	1.038E-04	
1.709E+01	1.709E+01	1.709E+01	1.071E+01						
6	4.589E+01	4.303E+01	1.808E+01	8.724E+00	3.023E-05	1.799E-07	3.082E-11	1.685E-04	
3.408E+01	3.408E+01	3.408E+01	1.282E+01						
7	3.935E+01	3.916E+01	2.752E+01	1.795E+01	5.151E-05	2.514E-07	3.890E-11	2.468E-04	
3.102E+01	3.102E+01	3.102E+01	2.184E+01						
8	4.688E+01	4.611E+01	2.836E+01	1.663E+01	4.686E-05	2.550E-07	4.440E-11	2.533E-04	
3.652E+01	3.652E+01	3.652E+01	1.987E+01						
9	2.845E+01	2.843E+01	2.330E+01	1.792E+01	6.303E-05	3.075E-07	4.591E-11	2.142E-04	
2.252E+01	2.252E+01	2.252E+01	2.673E+01						
10	2.047E+01	2.047E+01	1.802E+01	1.521E+01	6.580E-05	3.278E-07	4.604E-11	1.692E-04	
1.621E+01	1.621E+01	1.621E+01	2.790E+01						
11	1.757E+01	1.757E+01	1.604E+01	1.423E+01	6.340E-05	2.895E-07	3.566E-11	1.525E-04	
1.392E+01	1.392E+01	1.392E+01	2.688E+01						
12	2.159E+01	2.153E+01	1.823E+01	1.508E+01	4.915E-05	1.672E-07	1.539E-11	1.708E-04	
1.705E+01	1.705E+01	1.705E+01	2.084E+01						
13	2.524E+01	2.507E+01	1.989E+01	1.545E+01	4.020E-05	1.113E-07	8.418E-12	1.843E-04	
1.986E+01	1.986E+01	1.986E+01	1.704E+01						
14	2.687E+01	2.659E+01	1.973E+01	1.416E+01	2.957E-05	6.842E-08	4.454E-12	1.802E-04	
2.106E+01	2.106E+01	2.106E+01	1.254E+01						
15	3.148E+01	3.045E+01	1.732E+01	9.495E+00	1.473E-05	3.442E-08	2.740E-12	1.546E-04	
2.412E+01	2.412E+01	2.412E+01	6.245E+00						
16	1.287E+01	1.278E+01	9.745E+00	7.102E+00	1.720E-05	4.946E-08	4.179E-12	8.906E-05	
1.012E+01	1.012E+01	1.012E+01	7.294E+00						
17	1.485E+01	1.477E+01	9.790E+00	5.896E+00	1.484E-05	7.464E-08	1.256E-11	8.683E-05	
1.169E+01	1.169E+01	1.169E+01	6.293E+00						
18	1.430E+01	1.423E+01	9.421E+00	5.673E+00	1.514E-05	7.499E-08	1.184E-11	8.358E-05	
1.127E+01	1.127E+01	1.127E+01	6.417E+00						
19	9.273E+00	9.261E+00	7.438E+00	5.548E+00	1.806E-05	8.117E-08	1.114E-11	6.794E-05	
7.335E+00	7.335E+00	7.335E+00	7.656E+00						
20	2.163E+01	2.102E+01	9.170E+00	4.322E+00	1.114E-05	4.812E-08	6.131E-12	8.427E-05	
1.665E+01	1.665E+01	1.665E+01	4.722E+00						
21	3.005E+01	2.819E+01	1.242E+01	5.807E+00	1.147E-05	3.964E-08	4.321E-12	1.137E-04	
2.233E+01	2.233E+01	2.233E+01	4.864E+00						
22	2.881E+01	2.876E+01	2.349E+01	1.800E+01	4.244E-05	1.083E-07	7.783E-12	2.158E-04	
2.278E+01	2.278E+01	2.278E+01	1.799E+01						
23	3.572E+01	3.523E+01	2.448E+01	1.603E+01	2.774E-05	5.779E-08	3.706E-12	2.202E-04	
2.791E+01	2.791E+01	2.791E+01	1.176E+01						
24	2.101E+01	2.101E+01	1.820E+01	1.480E+01	4.195E-05	1.294E-07	1.154E-11	1.691E-04	
1.664E+01	1.664E+01	1.664E+01	1.779E+01						
25	1.919E+01	1.918E+01	1.453E+01	9.778E+00	2.076E-05	6.840E-08	8.192E-12	1.299E-04	
1.519E+01	1.519E+01	1.519E+01	8.803E+00						
26	1.359E+01	1.355E+01	9.853E+00	6.497E+00	1.613E-05	6.890E-08	1.022E-11	8.815E-05	
1.074E+01	1.074E+01	1.074E+01	6.839E+00						
27	1.293E+01	1.266E+01	7.922E+00	4.812E+00	1.365E-05	7.071E-08	1.172E-11	7.115E-05	
1.003E+01	1.003E+01	1.003E+01	5.789E+00						
28	8.772E+00	8.641E+00	6.092E+00	4.287E+00	1.488E-05	8.475E-08	1.547E-11	5.578E-05	
6.844E+00	6.844E+00	6.844E+00	6.311E+00						



POWERTECH (USA) INC.

29 7.502E+00 7.441E+00 5.413E+00 3.869E+00 1.426E-05 8.570E-08 1.630E-11 4.954E-05
5.894E+00 5.894E+00 5.894E+00 6.046E+00
30 9.708E+00 9.575E+00 6.402E+00 4.193E+00 1.373E-05 7.983E-08 1.470E-11 5.796E-05
7.584E+00 7.584E+00 7.584E+00 5.821E+00
31 1.616E+01 1.584E+01 8.855E+00 4.754E+00 1.261E-05 6.904E-08 1.188E-11 7.894E-05
1.254E+01 1.254E+01 1.254E+01 5.348E+00
32 4.841E+01 4.624E+01 2.123E+01 9.407E+00 1.299E-05 3.433E-08 3.239E-12 1.904E-04
3.662E+01 3.662E+01 3.662E+01 5.506E+00
33 2.186E+01 2.141E+01 1.083E+01 6.301E+00 2.446E-05 1.341E-07 2.054E-11 1.005E-04
1.695E+01 1.695E+01 1.695E+01 1.037E+01
34 2.538E+01 2.506E+01 1.805E+01 1.268E+01 2.556E-05 5.768E-08 3.680E-12 1.646E-04
1.985E+01 1.985E+01 1.985E+01 1.084E+01
35 9.755E+00 9.569E+00 6.264E+00 4.097E+00 1.347E-05 7.716E-08 1.399E-11 5.690E-05
7.579E+00 7.579E+00 7.579E+00 5.713E+00
36 7.446E+00 7.446E+00 6.526E+00 5.463E+00 2.320E-05 1.338E-07 2.484E-11 6.113E-05
5.898E+00 5.898E+00 5.898E+00 9.836E+00
37 2.007E+01 2.008E+01 1.851E+01 1.655E+01 8.809E-05 5.464E-07 9.988E-11 1.762E-04
1.590E+01 1.590E+01 1.590E+01 3.735E+01
38 1.888E+01 1.887E+01 1.676E+01 1.446E+01 5.834E-05 2.459E-07 2.811E-11 1.584E-04
1.495E+01 1.495E+01 1.495E+01 2.473E+01
39 1.699E+01 1.700E+01 1.603E+01 1.492E+01 1.029E-04 7.766E-07 1.701E-10 1.545E-04
1.346E+01 1.346E+01 1.346E+01 4.363E+01
40 4.011E+00 4.014E+00 3.946E+00 3.852E+00 9.855E-05 2.343E-06 1.432E-09 3.851E-05
3.179E+00 3.179E+00 3.179E+00 4.179E+01
41 1.149E+01 1.149E+01 1.100E+01 1.035E+01 5.828E-05 3.092E-07 4.274E-11 1.062E-04
9.101E+00 9.101E+00 9.101E+00 2.471E+01



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 31
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 1 NAME=CPP N
1

X= 0.0KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.16E-01	INFANT	TOTALS	1.07E+00	1.05E-01	9.44E-02	1.52E-01
1.07E-01	1.62E+01	TOTALS	1.06E+00	1.12E-01	9.69E-02	1.22E-01
1.07E-01	1.62E+01	TOTALS	1.06E+00	1.31E-01	9.86E-02	1.10E-01
1.03E-01	1.62E+01	TOTALS	1.07E+00	1.30E-01	1.01E-01	1.10E-01
1.04E-01	1.62E+01	TOTALS	1.07E+00	1.30E-01	1.01E-01	1.10E-01

NUMBER 2 NAME=CPP NNE
1

X= 1.1KM, Y= 2.8KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

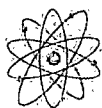
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
1.06E-01	INFANT 1.35E+01	TOTALS	8.89E-01	9.39E-02	8.32E-02	1.43E-01
9.58E-02	CHILD 1.35E+01	TOTALS	8.88E-01	1.02E-01	8.58E-02	1.12E-01
9.20E-02	TEENAGE 1.35E+01	TOTALS	8.89E-01	1.22E-01	8.76E-02	9.89E-02
9.29E-02	ADULT 1.35E+01	TOTALS	8.89E-01	1.20E-01	8.98E-02	9.93E-02



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 32
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 3 NAME=CPP NE
1

X= 1.2KM, Y= 1.2KM, Z= 0.0M, DIST= 1.6KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.20E-01	INFANT	TOTALS	1.46E+00	1.07E-01	9.61E-02	1.59E-01
	2.28E+01					
1.09E-01	CHILD	TOTALS	1.46E+00	1.15E-01	9.88E-02	1.27E-01
	2.28E+01					
1.05E-01	TEENAGE	TOTALS	1.46E+00	1.36E-01	1.01E-01	1.13E-01
	2.28E+01					
1.06E-01	ADULT	TOTALS	1.46E+00	1.35E-01	1.03E-01	1.13E-01
	2.28E+01					

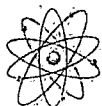
NUMBER 4 NAME=CPP ENE
1

X= 2.6KM, Y= 1.0KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

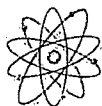
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.03E-01	INFANT 1.64E+01	TOTALS	1.06E+00	9.00E-02	7.82E-02	1.44E-01
9.22E-02	CHILD 1.64E+01	TOTALS	1.06E+00	9.87E-02	8.11E-02	1.10E-01
8.79E-02	TEENAGE 1.64E+01	TOTALS	1.06E+00	1.21E-01	8.30E-02	9.56E-02
8.89E-02	ADULT 1.64E+01	TOTALS	1.06E+00	1.19E-01	8.55E-02	9.60E-02



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 33
02/23/09

IS... 5.0

DURATION IN YRS

NUMBER 5 NAME=CPP E
1

X= 2.6KM, Y= 0.0KM, Z= 0.0M, DIST= 2.6KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.09E-01	INFANT	TOTALS	1.75E+00	9.49E-02	8.26E-02	1.52E-01
9.73E-02	2.79E+01	TOTALS	1.75E+00	1.04E-01	8.56E-02	1.16E-01
9.27E-02	CHILD	TOTALS	1.75E+00	1.27E-01	8.77E-02	1.01E-01
9.38E-02	2.79E+01	TOTALS	1.75E+00	1.26E-01	9.02E-02	1.01E-01
	TEENAGE	TOTALS	1.75E+00	1.27E-01	8.77E-02	1.01E-01
	0.00E+00	TOTALS	1.75E+00	1.27E-01	8.77E-02	1.01E-01
	ADULT	TOTALS	1.75E+00	1.26E-01	9.02E-02	1.01E-01
	0.00E+00	TOTALS	1.75E+00	1.26E-01	9.02E-02	1.01E-01

NUMBER 6 NAME=CPP ESE
1

X= 2.5KM, Y= -1.0KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
1.48E-01	INFANT	TOTALS	3.56E+00	1.31E-01	1.16E-01	1.99E-01
	5.75E+01					
1.34E-01	CHILD	TOTALS	3.56E+00	1.42E-01	1.20E-01	1.57E-01
	5.75E+01					
1.28E-01	TEENAGE	TOTALS	3.56E+00	1.70E-01	1.22E-01	1.38E-01
	5.75E+01					
1.30E-01	ADULT	TOTALS	3.56E+00	1.68E-01	1.25E-01	1.38E-01
	5.75E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 34
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 7 NAME=CPP SSE
1

X= 0.9KM, Y= -2.3KM, Z= 0.0M, DIST= 2.4KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.71E-01	INFANT 4.94E+01	TOTALS	3.18E+00	2.43E-01	2.18E-01	3.60E-01
2.48E-01	CHILD 4.94E+01	TOTALS	3.17E+00	2.62E-01	2.24E-01	2.87E-01
2.39E-01	TEENAGE 4.94E+01	TOTALS	3.17E+00	3.09E-01	2.28E-01	2.55E-01
2.41E-01	ADULT 4.94E+01	TOTALS	3.18E+00	3.06E-01	2.34E-01	2.56E-01

NUMBER 8 NAME=CPP SE
1

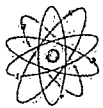
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40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

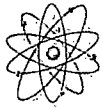
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
2.56E-01	INFANT 5.88E+01	TOTALS	3.73E+00	2.30E-01	2.07E-01	3.36E-01
2.34E-01	CHILD 5.88E+01	TOTALS	3.73E+00	2.47E-01	2.13E-01	2.70E-01
2.26E-01	TEENAGE 5.88E+01	TOTALS	3.73E+00	2.90E-01	2.17E-01	2.41E-01
2.28E-01	ADULT 5.88E+01	TOTALS	3.73E+00	2.87E-01	2.21E-01	2.42E-01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 35
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 9 NAME=CPP S
1

X= 0.0KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.76E-01	INFANT	TOTALS	2.35E+00	2.42E-01	2.11E-01	3.84E-01
2.47E-01	3.58E+01	TOTALS	2.35E+00	2.64E-01	2.18E-01	2.95E-01
2.36E-01	CHILD	TOTALS	2.35E+00	3.22E-01	2.24E-01	2.57E-01
2.39E-01	3.58E+01	TOTALS	2.35E+00	3.18E-01	2.30E-01	2.57E-01
	TEENAGE	TOTALS	2.35E+00	3.18E-01	2.30E-01	2.57E-01
	ADULT	TOTALS	2.35E+00	3.18E-01	2.30E-01	2.57E-01

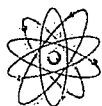
NUMBER 10 NAME=CPP SSW
1

X= -1.1KM, Y= -2.8KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

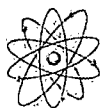
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
2.45E-01	INFANT 2.58E+01	TOTALS	1.72E+00	2.09E-01	1.77E-01	3.58E-01
2.15E-01	CHILD 2.58E+01	TOTALS	1.72E+00	2.33E-01	1.85E-01	2.65E-01
2.03E-01	TEENAGE 2.58E+01	TOTALS	1.72E+00	2.93E-01	1.90E-01	2.24E-01
2.06E-01	ADULT 2.58E+01	TOTALS	1.72E+00	2.89E-01	1.97E-01	2.25E-01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 36
02/23/09

IS... 5.0

DURATION IN YRS.

NUMBER 11 NAME=CPP SW
1

X= -2.4KM, Y= -2.4KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.30E-01	INFANT	TOTALS	1.49E+00	1.95E-01	1.64E-01	3.38E-01
	2.21E+01					
2.01E-01	CHILD	TOTALS	1.49E+00	2.18E-01	1.72E-01	2.49E-01
	2.21E+01					
1.89E-01	TEENAGE	TOTALS	1.49E+00	2.76E-01	1.77E-01	2.10E-01
	2.21E+01					
1.92E-01	ADULT	TOTALS	1.49E+00	2.72E-01	1.83E-01	2.11E-01
	2.21E+01					

NUMBER 12 NAME=CPP WSW
1

X= -2.4KM, Y= -0.9KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

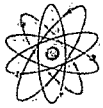
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
2.26E-01	INFANT 2.72E+01	TOTALS	1.80E+00	1.99E-01	1.75E-01	3.10E-01
2.04E-01	CHILD 2.72E+01	TOTALS	1.80E+00	2.17E-01	1.81E-01	2.41E-01
1.95E-01	TEENAGE 2.72E+01	TOTALS	1.80E+00	2.62E-01	1.85E-01	2.11E-01
1.97E-01	ADULT 2.72E+01	TOTALS	1.80E+00	2.59E-01	1.90E-01	2.11E-01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 37
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 13 NAME=CPP W
1

X= -2.3KM, Y= 0.0KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.23E-01	INFANT 3.17E+01	TOTALS	2.08E+00	2.01E-01	1.81E-01	2.91E-01
2.04E-01	CHILD 3.17E+01	TOTALS	2.08E+00	2.15E-01	1.86E-01	2.35E-01
1.97E-01	TEENAGE 3.17E+01	TOTALS	2.08E+00	2.52E-01	1.89E-01	2.10E-01
1.99E-01	ADULT 3.17E+01	TOTALS	2.08E+00	2.49E-01	1.93E-01	2.11E-01

NUMBER 14 NAME=CPP WNW
1

X= -2.3KM, Y= 0.9KM, Z= 0.0M, DIST= 2.4KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

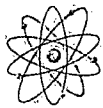
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
1.99E-01	INFANT 3.37E+01	TOTALS	2.19E+00	1.82E-01	1.68E-01	2.49E-01
1.85E-01	CHILD 3.37E+01	TOTALS	2.19E+00	1.93E-01	1.72E-01	2.08E-01
1.80E-01	TEENAGE 3.37E+01	TOTALS	2.19E+00	2.20E-01	1.74E-01	1.89E-01
1.81E-01	ADULT 3.37E+01	TOTALS	2.19E+00	2.18E-01	1.77E-01	1.90E-01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 38
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 15 NAME=CPP NW X= -2.5KM, Y= 2.5KM, Z= 0.0M, DIST= 3.6KM, IRTYPE=
1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.35E-01	INFANT	TOTALS	2.48E+00	1.27E-01	1.20E-01	1.60E-01
1.28E-01	3.95E+01	TOTALS	2.48E+00	1.32E-01	1.22E-01	1.40E-01
1.28E-01	CHILD	TOTALS	2.48E+00	1.32E-01	1.22E-01	1.40E-01
1.28E-01	3.95E+01	TOTALS	2.48E+00	1.46E-01	1.23E-01	1.31E-01
1.26E-01	TEENAGE	TOTALS	2.48E+00	1.46E-01	1.23E-01	1.31E-01
1.26E-01	3.95E+01	TOTALS	2.48E+00	1.45E-01	1.24E-01	1.31E-01
1.26E-01	ADULT	TOTALS	2.48E+00	1.45E-01	1.24E-01	1.31E-01
1.26E-01	3.95E+01	TOTALS	2.48E+00	1.45E-01	1.24E-01	1.31E-01

NUMBER 16 NAME=CPP NNW X= -1.4KM, Y= 3.7KM, Z= 0.0M, DIST= 4.0KM, IRTYPE=
1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

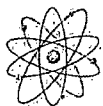
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

	INFANT	TOTALS	1.05E+00	9.25E-02	8.41E-02	1.31E-01
1.02E-01	1.62E+01					
	CHILD	TOTALS	1.05E+00	9.87E-02	8.62E-02	1.07E-01
9.41E-02	1.62E+01					
	TEENAGE	TOTALS	1.05E+00	1.15E-01	8.76E-02	9.66E-02
9.10E-02	1.62E+01					
	ADULT	TOTALS	1.05E+00	1.13E-01	8.93E-02	9.68E-02
9.17E-02	1.62E+01					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 39
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 17 NAME=SF N X= -4.9KM, Y= 5.3KM, Z= 0.0M, DIST= 7.2KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

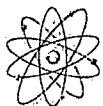
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
8.82E-02	INFANT 1.86E+01	TOTALS	1.19E+00	8.01E-02	7.28E-02	1.14E-01
8.14E-02	CHILD 1.86E+01	TOTALS	1.19E+00	8.54E-02	7.46E-02	9.27E-02
7.88E-02	TEENAGE 1.86E+01	TOTALS	1.19E+00	9.90E-02	7.58E-02	8.35E-02
7.94E-02	ADULT 1.86E+01	TOTALS	1.19E+00	9.80E-02	7.73E-02	8.38E-02

NUMBER 18 NAME=SF NNE X= -4.2KM, Y= 5.3KM, Z= 0.0M, DIST= 6.7KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	1.14E+00	7.75E-02	7.01E-02	1.12E-01
8.58E-02	1.79E+01					
	CHILD	TOTALS	1.14E+00	8.30E-02	7.19E-02	9.04E-02
7.89E-02	1.79E+01					
	TEENAGE	TOTALS	1.14E+00	9.68E-02	7.31E-02	8.11E-02
7.62E-02	1.79E+01					
	ADULT	TOTALS	1.14E+00	9.58E-02	7.47E-02	8.13E-02
7.68E-02	1.79E+01					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 40
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 19 NAME=SF NE
1

X= -2.7KM, Y= 5.6KM, Z= 0.0M, DIST= 6.3KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
8.43E-02	INFANT	TOTALS	7.63E-01	7.44E-02	6.56E-02	1.15E-01
7.61E-02	1.17E+01	TOTALS	7.62E-01	8.09E-02	6.78E-02	8.98E-02
7.29E-02	CHILD	TOTALS	7.63E-01	9.75E-02	6.92E-02	7.87E-02
7.36E-02	1.17E+01	TOTALS	7.63E-01	9.63E-02	7.11E-02	7.89E-02
	TEENAGE	TOTALS	7.63E-01	9.75E-02	6.92E-02	7.87E-02
	1.17E+01	TOTALS	7.63E-01	9.63E-02	7.11E-02	7.89E-02
	ADULT	TOTALS	7.63E-01	9.63E-02	7.11E-02	7.89E-02
	1.17E+01	TOTALS	7.63E-01	9.63E-02	7.11E-02	7.89E-02

NUMBER 20 NAME=SF ENE
1

X= -3.3KM, Y= 4.0KM, Z= 0.0M, DIST= 5.2KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

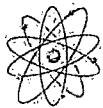
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
6.92E-02	INFANT 2.71E+01	TOTALS	1.68E+00	6.30E-02	5.76E-02	8.82E-02
6.41E-02	CHILD 2.71E+01	TOTALS	1.68E+00	6.71E-02	5.89E-02	7.25E-02
6.21E-02	TEENAGE 2.71E+01	TOTALS	1.68E+00	7.73E-02	5.98E-02	6.57E-02
6.25E-02	ADULT 2.71E+01	TOTALS	1.68E+00	7.66E-02	6.10E-02	6.58E-02



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 41
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 21 NAME=SF E
1

X= -3.0KM, Y= 3.4KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
8.92E-02	INFANT 3.76E+01	TOTALS	2.33E+00	8.29E-02	7.73E-02	1.09E-01
8.40E-02	CHILD 3.76E+01	TOTALS	2.33E+00	8.71E-02	7.87E-02	9.27E-02
8.19E-02	TEENAGE 3.76E+01	TOTALS	2.33E+00	9.76E-02	7.96E-02	8.56E-02
8.24E-02	ADULT 3.76E+01	TOTALS	2.33E+00	9.69E-02	8.08E-02	8.58E-02

NUMBER 22 NAME=SF SSE
1

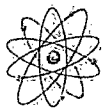
X= -3.5KM, Y= 0.2KM, Z= 0.0M, DIST= 3.6KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.55E-01	INFANT	TOTALS	2.38E+00	2.32E-01	2.11E-01	3.28E-01
	3.62E+01					
2.36E-01	CHILD	TOTALS	2.37E+00	2.47E-01	2.16E-01	2.68E-01
	3.62E+01					
2.28E-01	TEENAGE	TOTALS	2.38E+00	2.86E-01	2.19E-01	2.42E-01
	3.62E+01					
2.30E-01	ADULT	TOTALS	2.38E+00	2.83E-01	2.24E-01	2.42E-01
	3.62E+01					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 42
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 23 NAME=SF SE
1

X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.22E-01	INFANT	TOTALS	2.88E+00	2.07E-01	1.94E-01	2.70E-01
2.10E-01	4.48E+01	TOTALS	2.88E+00	2.17E-01	1.97E-01	2.31E-01
2.05E-01	CHILD	TOTALS	2.88E+00	2.43E-01	1.99E-01	2.14E-01
2.06E-01	4.48E+01	TOTALS	2.88E+00	2.41E-01	2.02E-01	2.14E-01
	TEENAGE	TOTALS	2.88E+00	2.43E-01	1.99E-01	2.14E-01
	4.48E+01	TOTALS	2.88E+00	2.41E-01	2.02E-01	2.14E-01
	ADULT	TOTALS	2.88E+00	2.41E-01	2.02E-01	2.14E-01
	4.48E+01	TOTALS	2.88E+00	2.41E-01	2.02E-01	2.14E-01

NUMBER 24 NAME=SF S
1

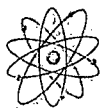
X= -4.9KM, Y= -0.3KM, Z= 0.0M, DIST= 4.9KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
2.15E-01	INFANT 2.64E+01	TOTALS	1.75E+00	1.92E-01	1.72E-01	2.87E-01
1.96E-01	CHILD 2.64E+01	TOTALS	1.75E+00	2.08E-01	1.77E-01	2.28E-01
1.89E-01	TEENAGE 2.64E+01	TOTALS	1.75E+00	2.46E-01	1.80E-01	2.02E-01
1.91E-01	ADULT 2.64E+01	TOTALS	1.75E+00	2.43E-01	1.85E-01	2.03E-01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 43
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 25 NAME=SF SSW
1

X= -5.7KM, Y= 1.4KM, Z= 0.0M, DIST= 5.9KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.39E-01	INFANT 2.41E+01	TOTALS	1.56E+00	1.28E-01	1.17E-01	1.75E-01
1.29E-01	CHILD 2.41E+01	TOTALS	1.56E+00	1.35E-01	1.20E-01	1.45E-01
1.26E-01	TEENAGE 2.41E+01	TOTALS	1.56E+00	1.54E-01	1.22E-01	1.32E-01
1.27E-01	ADULT 2.41E+01	TOTALS	1.56E+00	1.53E-01	1.24E-01	1.33E-01

NUMBER 26 NAME=SF SW
1

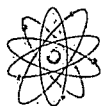
X= -6.3KM, Y= 2.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

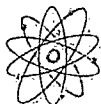
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
9.53E-02	INFANT 1.71E+01	TOTALS	1.10E+00	8.64E-02	7.85E-02	1.23E-01
8.79E-02	CHILD 1.71E+01	TOTALS	1.10E+00	9.22E-02	8.05E-02	1.00E-01
8.50E-02	TEENAGE 1.71E+01	TOTALS	1.10E+00	1.07E-01	8.18E-02	9.02E-02
8.57E-02	ADULT 1.71E+01	TOTALS	1.10E+00	1.06E-01	8.34E-02	9.04E-02



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 44
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 27 NAME=SF WSW X= -6.2KM, Y= 2.9KM, Z= 0.0M, DIST= 6.9KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
7.37E-02	INFANT	TOTALS	1.03E+00	6.62E-02	5.95E-02	9.70E-02
	1.62E+01					
6.74E-02	CHILD	TOTALS	1.03E+00	7.11E-02	6.11E-02	7.78E-02
	1.62E+01					
6.50E-02	TEENAGE	TOTALS	1.03E+00	8.36E-02	6.22E-02	6.94E-02
	1.62E+01					
6.55E-02	ADULT	TOTALS	1.03E+00	8.27E-02	6.36E-02	6.96E-02
	1.62E+01					

NUMBER 28 NAME=SF W X= -7.0KM, Y= 3.4KM, Z= 0.0M, DIST= 7.8KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

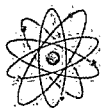
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00					

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
6.69E-02	INFANT 1.10E+01	TOTALS	7.11E-01	5.87E-02	5.14E-02	9.24E-02
6.01E-02	CHILD 1.10E+01	TOTALS	7.11E-01	6.41E-02	5.32E-02	7.14E-02
5.74E-02	TEENAGE 1.10E+01	TOTALS	7.11E-01	7.77E-02	5.44E-02	6.22E-02
5.80E-02	ADULT 1.10E+01	TOTALS	7.11E-01	7.68E-02	5.59E-02	6.24E-02



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 45
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 29 NAME=SF WNW
1

X= -7.0KM, Y= 4.2KM, Z= 0.0M, DIST= 8.2KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
6.11E-02	INFANT	TOTALS	6.11E-01	5.33E-02	4.63E-02	8.55E-02
5.46E-02	9.42E+00	TOTALS	6.10E-01	5.84E-02	4.80E-02	6.54E-02
5.20E-02	CHILD	TOTALS	6.11E-01	7.15E-02	4.92E-02	5.66E-02
5.26E-02	9.42E+00	TOTALS	6.11E-01	7.05E-02	5.06E-02	5.68E-02
	TEENAGE	TOTALS				
	ADULT	TOTALS				

NUMBER 30 NAME=SF NW
1

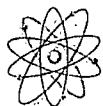
X= -6.2KM, Y= 4.7KM, Z= 0.0M, DIST= 7.8KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

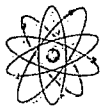
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
6.53E-02	INFANT 1.22E+01	TOTALS	7.81E-01	5.77E-02	5.10E-02	8.88E-02
5.90E-02	CHILD 1.22E+01	TOTALS	7.80E-01	6.27E-02	5.27E-02	6.94E-02
5.65E-02	TEENAGE 1.22E+01	TOTALS	7.81E-01	7.53E-02	5.38E-02	6.10E-02
5.71E-02	ADULT 1.22E+01	TOTALS	7.81E-01	7.44E-02	5.52E-02	6.12E-02



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 46
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 31 NAME=SF NNW X= -5.4KM, Y= 4.7KM, Z= 0.0M, DIST= 7.1KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

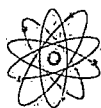
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
7.37E-02	INFANT	TOTALS	1.27E+00	6.68E-02	6.06E-02	9.53E-02
6.80E-02	2.03E+01	TOTALS	1.27E+00	7.13E-02	6.21E-02	7.75E-02
6.57E-02	CHILD	TOTALS	1.27E+00	8.29E-02	6.32E-02	6.98E-02
6.62E-02	2.03E+01	TOTALS	1.27E+00	8.21E-02	6.44E-02	6.99E-02
6.57E-02	TEENAGE	TOTALS	1.27E+00	8.29E-02	6.32E-02	6.98E-02
6.57E-02	2.03E+01	TOTALS	1.27E+00	8.21E-02	6.44E-02	6.99E-02
6.62E-02	ADULT	TOTALS	1.27E+00	8.21E-02	6.44E-02	6.99E-02
6.62E-02	2.03E+01	TOTALS	1.27E+00	8.21E-02	6.44E-02	6.99E-02

NUMBER 32 NAME=SF ESE X= -3.0KM, Y= 2.7KM, Z= 0.0M, DIST= 4.0KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

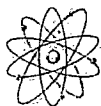
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
1.40E-01	INFANT 6.06E+01	TOTALS	3.76E+00	1.33E-01	1.27E-01	1.62E-01
1.34E-01	CHILD 6.06E+01	TOTALS	3.76E+00	1.38E-01	1.28E-01	1.44E-01
1.32E-01	TEENAGE 6.06E+01	TOTALS	3.76E+00	1.50E-01	1.29E-01	1.36E-01
1.32E-01	ADULT 6.06E+01	TOTALS	3.76E+00	1.49E-01	1.31E-01	1.36E-01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 47
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

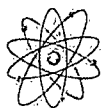
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.05E-01	INFANT 2.74E+01	TOTALS	1.72E+00	9.15E-02	7.96E-02	1.47E-01
9.38E-02	CHILD 2.74E+01	TOTALS	1.72E+00	1.00E-01	8.25E-02	1.12E-01
8.94E-02	TEENAGE 2.74E+01	TOTALS	1.72E+00	1.23E-01	8.45E-02	9.73E-02
9.04E-02	ADULT 2.74E+01	TOTALS	1.72E+00	1.21E-01	8.70E-02	9.76E-02

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.78E-01	INFANT 3.19E+01	TOTALS	2.06E+00	1.64E-01	1.51E-01	2.21E-01
1.66E-01	CHILD 3.19E+01	TOTALS	2.06E+00	1.73E-01	1.54E-01	1.85E-01
1.61E-01	TEENAGE 3.19E+01	TOTALS	2.06E+00	1.96E-01	1.56E-01	1.70E-01
1.62E-01	ADULT 3.19E+01	TOTALS	2.06E+00	1.95E-01	1.59E-01	1.70E-01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 48
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 35 NAME=BC Ranch X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
6.39E-02	INFANT 1.22E+01	TOTALS	7.83E-01	5.65E-02	4.99E-02	8.70E-02
5.77E-02	CHILD 1.22E+01	TOTALS	7.83E-01	6.14E-02	5.15E-02	6.80E-02
5.53E-02	TEENAGE 1.22E+01	TOTALS	7.83E-01	7.37E-02	5.26E-02	5.97E-02
5.59E-02	ADULT 1.22E+01	TOTALS	7.83E-01	7.28E-02	5.40E-02	5.99E-02

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

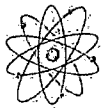
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
8.76E-02	INFANT 9.37E+00	TOTALS	6.25E-01	7.49E-02	6.35E-02	1.27E-01
7.70E-02	CHILD 9.37E+00	TOTALS	6.24E-01	8.32E-02	6.63E-02	9.46E-02
7.29E-02	TEENAGE 9.37E+00	TOTALS	6.25E-01	1.05E-01	6.82E-02	8.03E-02
7.38E-02	ADULT 9.37E+00	TOTALS	6.25E-01	1.03E-01	7.06E-02	8.07E-02



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 49
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00					
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00					
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00					
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00					

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.83E-01	INFANT	TOTALS	1.71E+00	2.34E-01	1.91E-01	4.33E-01
	2.53E+01					
2.42E-01	CHILD	TOTALS	1.70E+00	2.66E-01	2.02E-01	3.09E-01
	2.53E+01					
2.27E-01	TEENAGE	TOTALS	1.71E+00	3.47E-01	2.09E-01	2.55E-01
	2.53E+01					
2.30E-01	ADULT	TOTALS	1.71E+00	3.41E-01	2.18E-01	2.56E-01
	2.53E+01					

NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

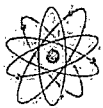
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00					
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00					
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00					
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00					

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.28E-01	INFANT 2.38E+01	TOTALS	1.59E+00	1.96E-01	1.67E-01	3.28E-01
2.01E-01	CHILD 2.38E+01	TOTALS	1.59E+00	2.17E-01	1.74E-01	2.45E-01
1.91E-01	TEENAGE 2.38E+01	TOTALS	1.59E+00	2.70E-01	1.79E-01	2.09E-01
1.93E-01	ADULT 2.38E+01	TOTALS	1.59E+00	2.66E-01	1.85E-01	2.10E-01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 50
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.79E-01	INFANT	TOTALS	1.46E+00	2.23E-01	1.73E-01	4.56E-01
2.32E-01	2.14E+01	TOTALS	1.46E+00	2.60E-01	1.85E-01	3.10E-01
2.14E-01	CHILD	TOTALS	1.46E+00	3.54E-01	1.93E-01	2.47E-01
2.18E-01	2.14E+01	TOTALS	1.46E+00	3.48E-01	2.04E-01	2.49E-01
	TEENAGE	TOTALS	1.46E+00	3.54E-01	1.93E-01	2.47E-01
	0.00E+00	TOTALS	1.46E+00	3.48E-01	2.04E-01	2.49E-01
	ADULT	TOTALS	1.46E+00	3.48E-01	2.04E-01	2.49E-01
	2.14E+01	TOTALS	1.46E+00	3.48E-01	2.04E-01	2.49E-01

NUMBER 40 NAME=Edgemont X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

	INFANT	TOTALS	3.61E-01	9.61E-02	4.82E-02	3.19E-01
1.50E-01	5.06E+00					
	CHILD	TOTALS	3.57E-01	1.32E-01	5.98E-02	1.80E-01
1.05E-01	5.06E+00					
	TEENAGE	TOTALS	3.59E-01	2.22E-01	6.77E-02	1.19E-01
8.75E-02	5.06E+00					
	ADULT	TOTALS	3.61E-01	2.16E-01	7.78E-02	1.21E-01
9.16E-02	5.06E+00					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 51
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,
MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.79E-01	INFANT	TOTALS	9.87E-01	1.47E-01	1.19E-01	2.79E-01
1.53E-01	1.45E+01	TOTALS	9.85E-01	1.68E-01	1.26E-01	1.97E-01
1.42E-01	CHILD	TOTALS	9.86E-01	2.22E-01	1.31E-01	1.61E-01
1.45E-01	1.45E+01	TOTALS	9.87E-01	2.18E-01	1.36E-01	1.62E-01
1.45E-01	TEENAGE	TOTALS	9.86E-01	2.22E-01	1.31E-01	1.61E-01
1.42E-01	1.45E+01	TOTALS	9.87E-01	2.18E-01	1.36E-01	1.62E-01
1.45E-01	ADULT	TOTALS	9.87E-01	2.18E-01	1.36E-01	1.62E-01
1.45E-01	1.45E+01	TOTALS	9.87E-01	2.18E-01	1.36E-01	1.62E-01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

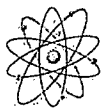
PAGE 52
02/23/09

IS...100.0
TIME STEP NUMBER 2,
DURATION IN YRS

DEGREES
CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0

				TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL			
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214
Bi-214	Pb-210	WL					
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.015E+01	2.002E+01	1.361E+01
9.042E+00	2.174E-05	1.234E-04					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.436E+01	1.432E+01	1.125E+01
8.437E+00	2.093E-05	1.032E-04					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.149E+01	1.147E+01	9.714E+00
7.884E+00	2.270E-05	9.047E-05					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.391E+00	8.387E+00	7.481E+00
6.425E+00	2.245E-05	7.053E-05					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.867E+00	4.868E+00	4.674E+00
4.410E+00	2.687E-05	4.516E-05					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.233E+00	2.234E+00	2.228E+00
2.211E+00	3.423E-05	2.185E-05					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.265E+00	1.265E+00	1.269E+00
1.270E+00	3.703E-05	1.248E-05					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.450E-01	8.455E-01	8.493E-01
8.516E-01	3.721E-05	8.353E-06					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.188E-01	6.192E-01	6.222E-01
6.243E-01	3.672E-05	6.121E-06					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.798E-01	4.801E-01	4.824E-01
4.841E-01	3.603E-05	4.746E-06					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.865E-01	3.867E-01	3.886E-01
3.900E-01	3.530E-05	3.824E-06					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.200E-01	3.202E-01	3.218E-01
3.229E-01	3.456E-05	3.166E-06					

		GROUND SURFACE CONCENTRATIONS, PCI/M2						
	XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
214	Bi-214	Pb-210						
	1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.586E+01	
1.586E+01	1.586E+01	4.528E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.134E+01	
1.134E+01	1.134E+01	4.361E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.082E+00	
9.082E+00	9.082E+00	4.729E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.643E+00	
6.643E+00	6.643E+00	4.675E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.856E+00	
3.856E+00	3.856E+00	5.597E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.770E+00	
1.770E+00	1.770E+00	7.130E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.002E+00	
1.002E+00	1.002E+00	7.714E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-01	
6.696E-01	6.696E-01	7.752E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.904E-01	
4.904E-01	4.904E-01	7.648E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.802E-01	
3.802E-01	3.802E-01	7.505E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.063E-01	
3.063E-01	3.063E-01	7.352E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.536E-01	
2.536E-01	2.536E-01	7.199E+01						



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	6.521E-08
2.5	0.000E+00	0.000E+00	0.000E+00	6.280E-08
3.5	0.000E+00	0.000E+00	0.000E+00	6.811E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.734E-08
7.5	0.000E+00	0.000E+00	0.000E+00	8.061E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.027E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.111E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.116E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.101E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.059E-07
75.0	0.000E+00	0.000E+00	0.000E+00	1.037E-07



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 53
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

DEGREES CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0

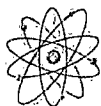
TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL							
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214
Bi-214	Pb-210	WL					
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.813E+01	2.707E+01	1.255E+01
6.714E+00	2.404E-05	1.166E-04	0.000E+00	0.000E+00	2.110E+01	2.069E+01	1.098E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.110E+01	2.069E+01	1.098E+01
6.450E+00	2.509E-05	1.010E-04	0.000E+00	0.000E+00	1.374E+01	1.359E+01	9.573E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.006E+01	1.002E+01	8.097E+00
6.680E+00	2.817E-05	8.744E-05	0.000E+00	0.000E+00	4.991E+00	4.991E+00	4.610E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.277E+00	2.279E+00	2.222E+00
6.398E+00	3.107E-05	7.523E-05	0.000E+00	0.000E+00	1.261E+00	1.262E+00	1.254E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.466E-01	8.471E-01	8.469E-01
4.237E+00	3.401E-05	4.432E-05	0.000E+00	0.000E+00	6.242E-01	6.245E-01	6.260E-01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.870E-01	4.872E-01	4.889E-01
2.149E+00	3.731E-05	2.163E-05	0.000E+00	0.000E+00	3.945E-01	3.947E-01	3.964E-01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.284E-01	3.286E-01	3.300E-01
1.237E+00	3.694E-05	1.227E-05	0.000E+00	0.000E+00			
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
8.430E-01	3.602E-05	8.311E-06	0.000E+00	0.000E+00			
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
6.254E-01	3.504E-05	6.150E-06	0.000E+00	0.000E+00			
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
4.894E-01	3.412E-05	4.806E-06	0.000E+00	0.000E+00			
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
3.972E-01	3.327E-05	3.898E-06	0.000E+00	0.000E+00			
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
3.309E-01	3.248E-05	3.246E-06					

GROUND SURFACE CONCENTRATIONS, PCI/M2							
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
Bi-214	Pb-210						
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.144E+01	
2.144E+01	2.144E+01	5.007E+01	0.000E+00	0.000E+00	0.000E+00	1.639E+01	
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.076E+01	
1.639E+01	1.639E+01	5.225E+01	0.000E+00	0.000E+00	0.000E+00	7.933E+00	
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.953E+00	
1.076E+01	1.076E+01	5.868E+01	0.000E+00	0.000E+00	0.000E+00	1.805E+00	
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.993E-01	
7.933E+00	7.933E+00	6.472E+01	0.000E+00	0.000E+00	0.000E+00	6.709E-01	
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.947E-01	
3.953E+00	3.953E+00	7.085E+01	0.000E+00	0.000E+00	0.000E+00	3.859E-01	
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.127E-01	
1.805E+00	1.805E+00	7.771E+01	0.000E+00	0.000E+00	0.000E+00	2.602E-01	
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
9.993E-01	9.993E-01	7.695E+01	0.000E+00	0.000E+00	0.000E+00		
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
6.709E-01	6.709E-01	7.503E+01	0.000E+00	0.000E+00	0.000E+00		
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
4.947E-01	4.947E-01	7.300E+01	0.000E+00	0.000E+00	0.000E+00		
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
3.859E-01	3.859E-01	7.108E+01	0.000E+00	0.000E+00	0.000E+00		
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
3.127E-01	3.127E-01	6.930E+01	0.000E+00	0.000E+00	0.000E+00		
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
2.602E-01	2.602E-01	6.765E+01					



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	7.211E-08
2.5	0.000E+00	0.000E+00	0.000E+00	7.526E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.452E-08
4.5	0.000E+00	0.000E+00	0.000E+00	9.321E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.020E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.119E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.108E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.051E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.024E-07
65.0	0.000E+00	0.000E+00	0.000E+00	9.980E-08
75.0	0.000E+00	0.000E+00	0.000E+00	9.743E-08



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 54
02/23/09

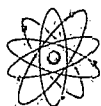
IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

DEGREES CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0

XRHO, KM		TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL						
Bi-214	U-238 Pb-210	Th-230 WL	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.331E+01	4.292E+01	2.648E+01	
1.553E+01	4.259E-05	2.364E-04	0.000E+00	0.000E+00	3.186E+01	3.182E+01	2.485E+01	
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.186E+01	3.182E+01	2.485E+01	
1.808E+01	5.789E-05	2.262E-04	0.000E+00	0.000E+00	2.482E+01	2.482E+01	2.152E+01	
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E+01	2.482E+01	2.152E+01	
1.772E+01	7.203E-05	2.008E-04	0.000E+00	0.000E+00	2.114E+01	2.115E+01	1.937E+01	
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.114E+01	2.115E+01	1.937E+01	
1.715E+01	8.683E-05	1.840E-04	0.000E+00	0.000E+00	1.305E+01	1.306E+01	1.272E+01	
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.305E+01	1.306E+01	1.272E+01	
1.225E+01	1.084E-04	1.236E-04	0.000E+00	0.000E+00	6.389E+00	6.393E+00	6.370E+00	
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00	6.393E+00	6.370E+00	
6.311E+00	1.198E-04	6.242E-05	0.000E+00	0.000E+00	3.548E+00	3.550E+00	3.559E+00	
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E+00	3.550E+00	3.559E+00	
3.558E+00	1.175E-04	3.497E-05	0.000E+00	0.000E+00	2.350E+00	2.352E+00	2.361E+00	
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.350E+00	2.352E+00	2.361E+00	
2.367E+00	1.128E-04	2.322E-05	0.000E+00	0.000E+00	1.708E+00	1.709E+00	1.717E+00	
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.708E+00	1.709E+00	1.717E+00	
1.722E+00	1.082E-04	1.689E-05	0.000E+00	0.000E+00	1.314E+00	1.315E+00	1.321E+00	
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.314E+00	1.315E+00	1.321E+00	
1.326E+00	1.040E-04	1.300E-05	0.000E+00	0.000E+00	1.051E+00	1.052E+00	1.057E+00	
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.051E+00	1.052E+00	1.057E+00	
1.060E+00	1.003E-04	1.040E-05	0.000E+00	0.000E+00	8.641E-01	8.646E-01	8.688E-01	
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.641E-01	8.646E-01	8.688E-01	
8.719E-01	9.691E-05	8.548E-06						

		GROUND SURFACE CONCENTRATIONS, PCI/M2						
	XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
214	Bi-214	Pb-210						

	1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.400E+01	
3.400E+01	3.400E+01	8.872E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E+01	
2.520E+01	2.520E+01	1.206E+02						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.966E+01	
1.966E+01	1.966E+01	1.500E+02						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.675E+01	
1.675E+01	1.675E+01	1.809E+02						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.034E+01	
1.034E+01	1.034E+01	2.257E+02						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.063E+00	
5.063E+00	5.063E+00	2.495E+02						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.812E+00	
2.812E+00	2.812E+00	2.448E+02						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.863E+00	
1.863E+00	1.863E+00	2.350E+02						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.354E+00	
1.354E+00	1.354E+00	2.254E+02						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.042E+00	
1.042E+00	1.042E+00	2.167E+02						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.329E-01	
8.329E-01	8.329E-01	2.089E+02						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.848E-01	
6.848E-01	6.848E-01	2.019E+02						



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.278E-07
2.5	0.000E+00	0.000E+00	0.000E+00	1.737E-07
3.5	0.000E+00	0.000E+00	0.000E+00	2.161E-07
4.5	0.000E+00	0.000E+00	0.000E+00	2.605E-07
7.5	0.000E+00	0.000E+00	0.000E+00	3.251E-07
15.0	0.000E+00	0.000E+00	0.000E+00	3.593E-07
25.0	0.000E+00	0.000E+00	0.000E+00	3.526E-07
35.0	0.000E+00	0.000E+00	0.000E+00	3.385E-07
45.0	0.000E+00	0.000E+00	0.000E+00	3.246E-07
55.0	0.000E+00	0.000E+00	0.000E+00	3.121E-07
65.0	0.000E+00	0.000E+00	0.000E+00	3.009E-07
75.0	0.000E+00	0.000E+00	0.000E+00	2.907E-07



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 55
02/23/09

IS...100.0

TIME STEP NUMBER 2,

DURATION IN YRS

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0
DEGREES

XRHO, KM		U-238		Th-230	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL			Pb-214	
Bi-214	Pb-210	WL	Ra-226	Pb-210	Rn-222	Po-218	Pb-214		
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.161E+01	2.118E+01	1.524E+01		
1.140E+01	3.217E-05	1.416E-04	0.000E+00	0.000E+00	2.592E+01	2.577E+01	2.064E+01		
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.592E+01	2.577E+01	2.064E+01		
1.607E+01	4.130E-05	1.911E-04	0.000E+00	0.000E+00	2.753E+01	2.749E+01	2.274E+01		
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.753E+01	2.749E+01	2.274E+01		
1.774E+01	4.408E-05	2.098E-04	0.000E+00	0.000E+00	2.420E+01	2.419E+01	2.026E+01		
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.420E+01	2.419E+01	2.026E+01		
1.583E+01	3.989E-05	1.867E-04	0.000E+00	0.000E+00	8.064E+00	8.066E+00	7.423E+00		
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.064E+00	8.066E+00	7.423E+00		
6.549E+00	2.777E-05	7.037E-05	0.000E+00	0.000E+00	1.813E+00	1.814E+00	1.740E+00		
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.813E+00	1.814E+00	1.740E+00		
1.662E+00	2.181E-05	1.689E-05	0.000E+00	0.000E+00	8.889E-01	8.894E-01	8.748E-01		
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.889E-01	8.894E-01	8.748E-01		
8.517E-01	2.081E-05	8.528E-06	0.000E+00	0.000E+00	5.623E-01	5.626E-01	5.598E-01		
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.623E-01	5.626E-01	5.598E-01		
5.526E-01	1.963E-05	5.479E-06	0.000E+00	0.000E+00	4.013E-01	4.016E-01	4.016E-01		
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.013E-01	4.016E-01	4.016E-01		
3.994E-01	1.866E-05	3.939E-06	0.000E+00	0.000E+00	3.069E-01	3.071E-01	3.079E-01		
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.069E-01	3.071E-01	3.079E-01		
3.075E-01	1.785E-05	3.024E-06	0.000E+00	0.000E+00	2.455E-01	2.456E-01	2.465E-01		
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.455E-01	2.456E-01	2.465E-01		
2.467E-01	1.717E-05	2.423E-06	0.000E+00	0.000E+00	2.025E-01	2.027E-01	2.035E-01		
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.025E-01	2.027E-01	2.035E-01		
2.039E-01	1.657E-05	2.001E-06							

XRHO, KM		U-238		Th-230	GROUND SURFACE CONCENTRATIONS, PCI/M2			Pb-	
Bi-214	Pb-210	WL	Ra-226	Pb-210	Rn-222	Po-218	Pb-		
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.678E+01		
1.678E+01	1.678E+01	6.700E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.041E+01		
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.041E+01		
2.041E+01	2.041E+01	8.603E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.177E+01		
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.177E+01		
2.177E+01	2.177E+01	9.182E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.916E+01		
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.916E+01		
1.916E+01	1.916E+01	8.308E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00		
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00		
6.389E+00	6.389E+00	5.785E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.437E+00		
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.437E+00		
1.437E+00	1.437E+00	4.544E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.045E-01		
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.045E-01		
7.045E-01	7.045E-01	4.334E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.456E-01		
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.456E-01		
4.456E-01	4.456E-01	4.089E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.181E-01		
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.181E-01		
3.181E-01	3.181E-01	3.887E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.432E-01		
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.432E-01		
2.432E-01	2.432E-01	3.719E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.945E-01		
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.945E-01		
1.945E-01	1.945E-01	3.576E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.605E-01		
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.605E-01		
1.605E-01	1.605E-01	3.451E+01							



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	9.650E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.239E-07
3.5	0.000E+00	0.000E+00	0.000E+00	1.322E-07
4.5	0.000E+00	0.000E+00	0.000E+00	1.197E-07
7.5	0.000E+00	0.000E+00	0.000E+00	8.332E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.544E-08
25.0	0.000E+00	0.000E+00	0.000E+00	6.242E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.889E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.598E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.356E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.150E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.970E-08



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 56
02/23/09

IS...100.0

TIME STEP NUMBER 2,

DURATION IN YRS

CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5
DEGREES

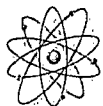
				TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL			
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214
Bi-214	Pb-210	WL					
<hr/>							
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.244E+01	2.212E+01	1.586E+01
1.157E+01	2.895E-05	1.463E-04					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.754E+01	2.725E+01	2.004E+01
1.422E+01	2.894E-05	1.827E-04					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.036E+01	3.983E+01	2.712E+01
1.708E+01	2.768E-05	2.422E-04					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.068E+01	5.017E+01	3.070E+01
1.656E+01	2.276E-05	2.691E-04					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.079E+00	8.976E+00	6.490E+00
4.549E+00	1.514E-05	5.912E-05					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.882E+00	1.883E+00	1.791E+00
1.694E+00	2.013E-05	1.734E-05					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.515E-01	8.520E-01	8.431E-01
8.267E-01	1.998E-05	8.236E-06					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.255E-01	5.258E-01	5.256E-01
5.225E-01	1.909E-05	5.155E-06					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.708E-01	3.710E-01	3.721E-01
3.719E-01	1.831E-05	3.656E-06					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.814E-01	2.816E-01	2.827E-01
2.832E-01	1.762E-05	2.780E-06					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.241E-01	2.242E-01	2.252E-01
2.258E-01	1.704E-05	2.215E-06					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.842E-01	1.843E-01	1.851E-01
1.857E-01	1.652E-05	1.821E-06					

		GROUND SURFACE CONCENTRATIONS, PCI/M2						
	XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
214	Bi-214	Pb-210						
	1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.752E+01	
1.752E+01	1.752E+01	6.030E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.158E+01	
2.158E+01	2.158E+01	6.027E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.154E+01	
3.154E+01	3.154E+01	5.765E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.974E+01	
3.974E+01	3.974E+01	4.740E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.109E+00	
7.109E+00	7.109E+00	3.154E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.491E+00	
1.491E+00	1.491E+00	4.192E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.748E-01	
6.748E-01	6.748E-01	4.161E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.165E-01	
4.165E-01	4.165E-01	3.977E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.939E-01	
2.939E-01	2.939E-01	3.815E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.230E-01	
2.230E-01	2.230E-01	3.671E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.776E-01	
1.776E-01	1.776E-01	3.550E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.460E-01	
1.460E-01	1.460E-01	3.441E+01						



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	8.684E-08
2.5	0.000E+00	0.000E+00	0.000E+00	8.681E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.303E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.827E-08
7.5	0.000E+00	0.000E+00	0.000E+00	4.542E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.038E-08
25.0	0.000E+00	0.000E+00	0.000E+00	5.993E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.728E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.494E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.287E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.113E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.956E-08



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 57
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

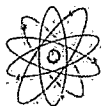
EFFECTIV EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS

REM/YEAR DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.500E-05	4.465E-04	1.469E-04	
6.713E-05	6.590E-05	1.008E-04	1.468E-04						
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E-05	1.706E-05	1.241E-04	
1.315E-04	4.589E-04	1.525E-03	7.367E-04						
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.857E-05	2.870E-05	9.355E-04	
7.161E-03	7.122E-04	3.256E-03	5.992E-03						
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.134E-04	5.531E-04	
3.978E-05	1.340E-04	4.778E-04	9.357E-04						
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.540E-05	1.269E-04	1.319E-03	
1.192E-02	6.941E-04	1.705E-04	2.260E-04						
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.488E-05	8.890E-05	2.487E-04	
1.037E-03	5.584E-04	4.245E-04	3.950E-04						
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.460E-05	1.777E-03	9.030E-05	
1.554E-04	5.656E-05	5.972E-05	1.524E-04						
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-05	1.488E-04	5.282E-03	4.078E-04	
5.281E-05	2.181E-04	1.405E-04	2.040E-04						
S	0.000E+00	4.227E-06	0.000E+00	0.000E+00	8.705E-05	0.000E+00	6.012E-05	4.949E-05	
1.425E-04	1.523E-05	1.248E-04	3.123E-04						
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.953E-05	4.513E-05	0.000E+00	1.028E-05	
9.458E-06	1.103E-04	8.731E-05	1.894E-04						
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.673E-05	
4.951E-05	5.388E-05	5.558E-05	1.399E-04						
WSW	0.000E+00	0.000E+00	2.345E-05	0.000E+00	0.000E+00	4.401E-05	2.859E-05	2.771E-05	
6.827E-06	4.478E-05	1.210E-05	1.297E-05						
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.870E-06	
1.365E-05	0.000E+00	2.764E-05	2.184E-05						
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.844E-06	8.820E-06	2.919E-06	2.791E-06	
2.411E-05	7.350E-05	7.236E-05	3.992E-05						
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.560E-06	3.344E-06	0.000E+00	1.529E-05	
3.212E-05	4.205E-05	6.762E-05	9.474E-05						
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.293E-06	0.000E+00	8.803E-05	5.683E-04	
9.662E-03	2.735E-04	6.915E-04	1.635E-04						

TOTAL DOSE COMMITMENT IS 6.465E-02 PERSON-REM/YR



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 58
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

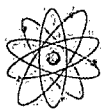
EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-
REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.273E-04	3.621E-03	1.191E-03	
5.438E-04	5.337E-04	8.156E-04	1.188E-03						
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.014E-04	1.383E-04	1.006E-03	
1.065E-03	3.716E-03	1.234E-02	5.960E-03						
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.507E-04	2.327E-04	7.582E-03	
5.801E-02	5.766E-03	2.635E-02	4.847E-02						
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.541E-03	4.482E-03	
3.222E-04	1.085E-03	3.867E-03	7.569E-03						
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.305E-04	1.029E-03	1.069E-02	
9.657E-02	5.620E-03	1.380E-03	1.828E-03						
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.073E-04	7.207E-04	2.015E-03	
8.400E-03	4.521E-03	3.436E-03	3.195E-03						
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.239E-04	1.441E-02	7.318E-04	
1.259E-03	4.580E-04	4.833E-04	1.233E-03						
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.197E-04	1.207E-03	4.283E-02	3.304E-03	
4.278E-04	1.766E-03	1.137E-03	1.650E-03						
S	0.000E+00	3.430E-05	0.000E+00	0.000E+00	7.063E-04	0.000E+00	4.875E-04	4.011E-04	
1.154E-03	1.233E-04	1.010E-03	2.526E-03						
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.584E-04	3.660E-04	0.000E+00	8.328E-05	
7.661E-05	8.932E-04	7.066E-04	1.532E-03						
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.029E-04	
4.011E-04	4.362E-04	4.499E-04	1.131E-03						
WSW	0.000E+00	0.000E+00	1.903E-04	0.000E+00	0.000E+00	3.570E-04	2.318E-04	2.246E-04	
5.531E-05	3.626E-04	9.797E-05	1.049E-04						
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.326E-05	
1.106E-04	0.000E+00	2.237E-04	1.767E-04						
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.177E-05	7.155E-05	2.367E-05	2.263E-05	
1.953E-04	5.952E-04	5.857E-04	3.230E-04						
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.323E-05	2.713E-05	0.000E+00	1.240E-04	
2.603E-04	3.406E-04	5.473E-04	7.665E-04						
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.672E-05	0.000E+00	7.139E-04	4.607E-03	
7.828E-02	2.214E-03	5.597E-03	1.323E-03						

TOTAL DOSE COMMITMENT IS 5.237E-01 PERSON-REM/YR



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 59
02/23/09

IS...100.0

TIME STEP NUMBER 2,

DURATION IN YRS

AVG.LUNG

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS

REM/YEAR

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0		
45.0	55.0	65.0	75.0							

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.655E-06	5.395E-05	1.822E-05		
8.547E-06	8.610E-06	1.350E-05	2.018E-05							
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.929E-06	2.066E-06	1.543E-05		
1.678E-05	6.011E-05	2.049E-04	1.015E-04							
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.196E-06	3.483E-06	1.166E-04		
9.159E-04	9.348E-05	4.385E-04	8.275E-04							
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.811E-05	6.902E-05		
5.093E-06	1.760E-05	6.437E-05	1.292E-04							
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.758E-06	1.544E-05	1.647E-04		
1.527E-03	9.115E-05	2.295E-05	3.117E-05							
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.883E-06	1.082E-05	3.102E-05		
1.326E-04	7.313E-05	5.693E-05	5.421E-05							
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.664E-06	2.164E-04	1.128E-05		
1.989E-05	7.417E-06	8.020E-06	2.095E-05							
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.717E-06	1.765E-05	6.434E-04	5.098E-05		
6.774E-06	2.870E-05	1.895E-05	2.820E-05							
S	0.000E+00	4.875E-07	0.000E+00	0.000E+00	1.014E-05	0.000E+00	7.322E-06	6.188E-06		
1.828E-05	2.005E-06	1.686E-05	4.325E-05							
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.272E-06	5.351E-06	0.000E+00	1.283E-06		
1.212E-06	1.451E-05	1.178E-05	2.621E-05							
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.080E-05		
6.329E-06	7.068E-06	7.481E-06	1.930E-05							
WSW	0.000E+00	0.000E+00	2.699E-06	0.000E+00	0.000E+00	5.185E-06	3.457E-06	3.438E-06		
8.693E-07	5.848E-06	1.621E-06	1.780E-06							
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E-07		
1.730E-06	0.000E+00	3.677E-06	2.975E-06							
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.022E-06	1.035E-06	3.516E-07	3.449E-07		
3.056E-06	9.551E-06	9.637E-06	5.447E-06							
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.577E-07	3.922E-07	0.000E+00	1.889E-06		
4.070E-06	5.463E-06	9.002E-06	1.292E-05							
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.804E-07	0.000E+00	1.061E-05	7.029E-05		
1.226E-03	3.561E-05	9.233E-05	2.238E-05							

TOTAL DOSE COMMITMENT IS 8.346E-03 PERSON-REM/YR



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 60
02/23/09

IS...100.0

TIME STEP NUMBER 2,

DURATION IN YRS

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.257E-02	2.609E-01	5.704E-02
1.934E-02	1.499E-02	1.884E-02	2.320E-02						
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E-02	9.344E-03	4.575E-02
3.619E-02	1.000E-01	2.736E-01	1.118E-01						
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.810E-02	1.540E-02	3.413E-01
1.961E+00	1.551E-01	5.852E-01	9.126E-01						
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.705E-01	2.067E-01
1.123E-02	3.021E-02	8.924E-02	1.485E-01						
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.832E-02	7.408E-02	5.302E-01
3.629E+00	1.692E-01	3.452E-02	3.900E-02						
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.973E-02	6.008E-02	1.171E-01
3.738E-01	1.628E-01	1.038E-01	8.305E-02						
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.634E-02	1.199E+00	4.271E-02
5.658E-02	1.673E-02	1.486E-02	3.270E-02						
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.595E-02	1.479E-01	2.931E+00	1.562E-01
1.538E-02	5.103E-02	2.737E-02	3.395E-02						
S	0.000E+00	3.983E-02	0.000E+00	0.000E+00	0.000E+00	1.795E-01	0.000E+00	3.105E-02	1.763E-02
3.843E-02	3.286E-03	2.233E-02	4.753E-02						
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.789E-02	3.984E-02	0.000E+00	3.575E-03
2.486E-03	2.312E-02	1.513E-02	2.783E-02						
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.115E-02
1.337E-02	1.158E-02	9.870E-03	2.105E-02						
WSW	0.000E+00	0.000E+00	1.444E-01	0.000E+00	0.000E+00	4.897E-02	1.718E-02	1.129E-02	
2.094E-03	1.096E-02	2.458E-03	2.244E-03						
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.406E-03
5.017E-03	0.000E+00	6.751E-03	4.557E-03						
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.079E-02	1.412E-02	2.129E-03	1.314E-03
8.344E-03	2.005E-02	1.625E-02	7.597E-03						
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.003E-01	5.514E-03	0.000E+00	7.255E-03
1.124E-02	1.163E-02	1.542E-02	1.835E-02						
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.713E-02	0.000E+00	5.787E-02	2.434E-01
3.050E+00	6.804E-02	1.414E-01	2.830E-02						

TOTAL DOSE COMMITMENT IS 2.090E+01 PERSON-REM/YR



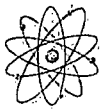
PAGE 61
02/23/09

EFFECTIV	EXPOSURE PATHWAY IS GROUND	EXPOSED ORGAN IS
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[illegible]

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.169E-05	5.339E-05	1.430E-05
5.772E-06	5.212E-06	7.505E-06	1.045E-05					
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.180E-06	1.969E-06	1.181E-05
1.111E-05	3.580E-05	1.123E-04	5.191E-05					
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.043E-06	3.277E-06	8.858E-05
6.041E-04	5.553E-05	2.398E-04	4.225E-04					
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.605E-05	5.293E-05
3.394E-06	1.056E-05	3.557E-05	6.667E-05					
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.123E-05	1.517E-05	1.305E-04
1.047E-03	5.618E-05	1.300E-05	1.645E-05					
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.416E-05	1.155E-05	2.653E-05
9.766E-05	4.822E-05	3.438E-05	3.045E-05					
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.210E-05	2.307E-04	9.657E-06
1.470E-05	4.911E-06	4.866E-06	1.182E-05					
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.860E-06	2.470E-05	6.141E-04	3.945E-05
4.559E-06	1.741E-05	1.059E-05	1.471E-05					
S	0.000E+00	4.729E-06	0.000E+00	0.000E+00	2.498E-05	0.000E+00	6.727E-06	4.638E-06
1.195E-05	1.184E-06	9.181E-06	2.202E-05					
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.336E-06	6.923E-06	0.000E+00	9.533E-07
7.860E-07	8.501E-06	6.366E-06	1.324E-05					
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.157E-06
4.156E-06	4.185E-06	4.080E-06	9.835E-06					
WSW	0.000E+00	0.000E+00	1.760E-05	0.000E+00	0.000E+00	7.898E-06	3.472E-06	2.758E-06
6.014E-07	3.630E-06	9.235E-07	9.451E-07					
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.124E-07
1.296E-06	0.000E+00	2.238E-06	1.680E-06					
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.064E-05	2.070E-06	3.970E-07	2.978E-07
2.231E-06	6.191E-06	5.697E-06	2.988E-06					
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.163E-05	8.033E-07	0.000E+00	1.638E-06
2.987E-06	3.560E-06	5.351E-06	7.126E-06					
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.116E-06	0.000E+00	1.126E-05	5.790E-05
8.610E-04	2.229E-05	5.288E-05	1.192E-05					

TOTAL DOSE COMMITMENT IS 5.815E-03 PERSON-REM/YR



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 62
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EFFECTIV EXPOSURE PATHWAY IS CLOUD EXPOSED ORGAN IS

REMYEAR DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0		
45.0	55.0	65.0	75.0							

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.301E-04	2.294E-03	5.034E-04		
1.708E-04	1.325E-04	1.665E-04	2.050E-04							
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.194E-04	8.221E-05	4.037E-04		
3.196E-04	8.836E-04	2.417E-03	9.879E-04							
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.567E-04	1.348E-04	3.001E-03		
1.728E-02	1.368E-03	5.167E-03	8.060E-03							
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.486E-03	1.814E-03		
9.885E-05	2.663E-04	7.873E-04	1.311E-03							
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.672E-04	6.380E-04	4.628E-03		
3.186E-02	1.490E-03	3.044E-04	3.441E-04							
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.011E-04	5.003E-04	1.003E-03		
3.249E-03	1.425E-03	9.122E-04	7.315E-04							
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.934E-04	9.827E-03	3.607E-04		
4.861E-04	1.452E-04	1.298E-04	2.868E-04							
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.821E-04	1.248E-03	2.540E-02	1.367E-03	
1.352E-04	4.497E-04	2.415E-04	2.997E-04							
S	0.000E+00	2.074E-04	0.000E+00	0.000E+00	1.483E-03	0.000E+00	2.727E-04	1.555E-04		
3.393E-04	2.902E-05	1.973E-04	4.199E-04							
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.191E-04	3.485E-04	0.000E+00	3.156E-05		
2.196E-05	2.043E-04	1.337E-04	2.459E-04							
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.749E-04		
1.181E-04	1.023E-04	8.720E-05	1.860E-04							
WSW	0.000E+00	0.000E+00	9.933E-04	0.000E+00	0.000E+00	4.195E-04	1.489E-04	9.869E-05		
1.838E-05	9.650E-05	2.167E-05	1.980E-05							
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.212E-05		
4.377E-05	0.000E+00	5.943E-05	4.019E-05							
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.200E-04	1.121E-04	1.815E-05	1.145E-05		
7.331E-05	1.767E-04	1.434E-04	6.709E-05							
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.931E-04	4.433E-05	0.000E+00	6.322E-05		
9.871E-05	1.025E-04	1.361E-04	1.621E-04							
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.169E-04	0.000E+00	5.039E-04	2.139E-03		
2.689E-02	6.006E-04	1.249E-03	2.500E-04							

TOTAL DOSE COMMITMENT IS 1.809E-01 PERSON-REM/YR



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 63
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EFFECTIV EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS

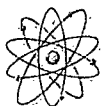
REMYEAR DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0		
45.0	55.0	65.0	75.0							

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
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POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 64
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

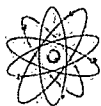
REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EFFECTIV EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS

REMYEAR DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0		
45.0	55.0	65.0	75.0							

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
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POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 66
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

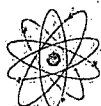
REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0
45.0	55.0	65.0	75.0					

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
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POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 67
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EFFECTIV EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS

REM/YEAR DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00					

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
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CODE: MILDOS-AREA (02/97)
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PAGE 68
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IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL
FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 69
02/23/09

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TIME STEP NUMBER 2,

DURATION IN YRS

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 2--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL
DOSE COMMITMENTS, PERSON-REM/YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER
1.888E-01	INHAL. 2.090E+01	6.465E-02	5.237E-01	8.346E-03	3.928E-01
5.815E-03	GROUND 5.815E-03	5.815E-03	5.815E-03	5.815E-03	5.815E-03
1.809E-01	CLOUD 1.809E-01	1.809E-01	1.809E-01	1.809E-01	1.809E-01
0.000E+00	VEG. ING 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	MEAT ING 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	MILK ING 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	RNPLUS50 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3.755E-01	TOTALS 2.108E+01	2.513E-01	7.104E-01	1.950E-01	5.794E-01

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER
0.000E+00	INHAL. 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	GROUND 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	CLOUD 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	VEG. ING 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	MEAT ING 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	MILK ING 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7.984E+00	RNPLUS50 5.081E+01	7.984E+00	1.089E+02	1.815E+00	7.984E+00
7.984E+00	TOTALS 5.081E+01	7.984E+00	1.089E+02	1.815E+00	7.984E+00

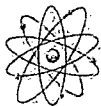
TOTAL DOSES COMPUTED OVER ALL POPULATIONS

KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER
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POWERTECH (USA) INC.

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1.888E-01	INHAL.	6.465E-02	5.237E-01	8.346E-03	3.928E-01
	2.090E+01				
	GROUND	5.815E-03	5.815E-03	5.815E-03	5.815E-03
5.815E-03	5.815E-03				
	CLOUD	1.809E-01	1.809E-01	1.809E-01	1.809E-01
1.809E-01	1.809E-01				
	VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
	MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
	MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
	RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00
7.984E+00	5.081E+01				
<hr/>					
	TOTALS	8.236E+00	1.096E+02	2.010E+00	8.564E+00
8.360E+00	7.189E+01				

**POWERTECH (USA) INC.**

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 70
02/23/09

COMPLETE SUMMARY OF COMPUTED ENVIRONMENTAL DOSE COMMITMENTS, INTEGRATED OVER
ALL TIME STEPS

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE WITHIN 80
KILOMETERS, PERSON-REM

NO. LIVER	T-START KIDNEY	T-END BRONCHI	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG
1	2008.00	2013.00	5.00	TOTALS	1.257E+00	3.552E+00	9.752E-01
2.897E+00	1.878E+00	1.054E+02					
2	2013.00	2113.00	100.00	TOTALS	2.513E+01	7.104E+01	1.950E+01
5.794E+01	3.755E+01	2.108E+03					
TOTALS OVER ALL 2 TIME STEPS					2.639E+01	7.459E+01	2.048E+01
6.084E+01	3.943E+01	2.214E+03					

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE BEYOND 80
KILOMETERS, PERSON-REM

NO. LIVER	T-START KIDNEY	T-END BRONCHI	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG
1	2008.00	2013.00	5.00	TOTALS	3.992E+01	5.444E+02	9.073E+00
3.992E+01	3.992E+01	2.540E+02					
2	2013.00	2113.00	100.00	TOTALS	7.984E+02	1.089E+04	1.815E+02
7.984E+02	7.984E+02	5.081E+03					
TOTALS OVER ALL 2 TIME STEPS					8.383E+02	1.143E+04	1.905E+02
8.383E+02	8.383E+02	5.335E+03					

GRAND TOTAL 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED OVER ALL
POPULATIONS, PERSON-REM

NO. LIVER	T-START KIDNEY	T-END BRONCHI	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG
1	2008.00	2013.00	5.00	TOTALS	4.118E+01	5.479E+02	1.005E+01
4.282E+01	4.180E+01	3.595E+02					
2	2013.00	2113.00	100.00	TOTALS	8.236E+02	1.096E+04	2.010E+02
8.564E+02	8.360E+02	7.189E+03					
TOTALS OVER ALL 2 TIME STEPS					8.647E+02	1.151E+04	2.110E+02
8.992E+02	8.778E+02	7.549E+03					

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