



UNITED STATES DEPARTMENT OF COMMERCE
National Bureau of Standards
Washington, D.C. 20234

October 29, 1979

Dr. Lew Battist
Mail Stop A5-400
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Lew:

Enclosed is a copy of the printout from which the most probable cumulative dose was derived. One part contains the input and output; the other is a list of the population and TLD-station data.

Also enclosed are xerox copies of the input TLD data for the upper and lower bound calculations. Corrections of 15% for systematic errors were applied to these numbers (see pp 122, 123 of our report) to obtain the value given in our report. I can send you the entire printouts for these two runs if you would like to have them.

If you have any further questions or requests, please call me.

Sincerely,

Charlie

Charles Eisenhower
Nuclear Radiation Division
Center for Radiation Research

Enclosures

7912040

109

P

RUN 23C, MET ED + NPC, 1-79 THRU 4-79.

TLD DATA FOR PERIOD: MPC1/03-3/29

STATION	DIR	DIS	GROSS	SIG	DOSE
1S2	N	.400	72.2	11.0	83.2
1S2Q	N	.400	78.4	11.7	90.1
1C1	N	2.60	6.70	2.30	9.00
2S2	NNE	.700	27.3	5.00	32.3
4S2	ENE	.300	18.2	4.00	22.2
4S2Q	ENE	.300	5.50	2.30	7.80
4A1	ENE	.500	2.80	2.50	5.30
4G1Q	ENE	10.0	1.00	2.00	3.00
4G1	ENE	10.0	14.6	3.50	18.1
5S2Q	E	.200	15.2	3.50	18.7
5S2	E	.200	4.10	2.20	6.30
5A1	E	.400	2.30	2.30	4.60
5A1Q	E	.400	4.70	3.20	7.90
7F1Q	SE	9.00	3.70	2.80	6.50
7F1	SE	9.00	3.50	3.00	6.50
7G1	SE	15.0	2.10	1.50	3.60
8G1	SSE	2.30	.300	1.80	2.10
8C1Q	SSE	2.30	9.50	2.90	12.4
9S2	S	.400	3.80	2.50	6.30
9G1	S	13.0	28.3	4.40	32.7
10B1	SSW	1.10	174.	24.4	199.
11S1	SW	1.000-01	152.	20.0	172.
11S1Q	SW	1.000-01	4.80	1.90	6.70
12B1	WSW	1.60	116.	15.8	132.
14S1	WNW	.400	2.50	2.20	4.70
15G1	NW	15.0	3.40	2.40	5.80
15G1Q	NW	15.0	891.	118.	1.009+03
16S1	NNW	.200	918.	113.	1.031+03
16S1Q	NNW	.200	784.	103.	887.
16A1	NNW	.400			

Report Data for Upper Bound Run

TLD DATA FOR PERIOD: MPC1/03-3/29

STATION	DIR	DIS	GROSS	SIG	DOSE
1S2	N	.400	72.2	11.0	61.2
1S2Q	N	.400	78.4	14.5	63.9
1C1	N	2.60	6.70	2.30	4.40
2S2	NNE	.700	27.3	5.00	22.3
4S2	ENE	.300	18.2	4.00	14.2
4S2Q	ENE	.300	16.5	8.60	7.90
4A1	ENE	.500	5.50	2.30	3.20
4G1Q	ENE	10.0	2.80	8.20	-5.40
4G1	ENE	10.0	1.00	2.00	-1.00
5S2Q	E	.200	14.6	9.10	5.50
5S2	E	.200	15.2	3.50	11.7
5A1	E	.400	4.10	2.20	1.90
5A1Q	E	.400	2.30	7.20	-4.90
7F1Q	SE	9.00	4.70	10.2	-5.50
7F1	SE	9.00	3.70	2.80	.900
7G1	SE	15.0	3.50	3.00	.500
8C1	SSE	2.30	2.10	1.50	.600
8C1Q	SSE	2.30	.300	4.00	-3.70
9S2	S	.400	9.50	2.90	6.60
9G1	S	13.0	3.80	2.50	1.30
10B1	SSW	1.10	28.3	4.40	23.9
11S1	SW	1.000-01	174.	24.4	150.
11S1Q	SW	1.000-01	152.	26.6	125.
12B1	WSW	1.60	4.80	1.90	2.90
14S1	WNW	.400	116.	15.8	100.
15G1	NW	15.0	2.50	2.20	.300
15G1Q	NW	15.0	3.40	8.00	-4.60
16S1	NNW	.200	891.	118.	773.
16S1Q	NNW	.200	918.	124.	794.
16A1	NNW	.400	784.	103.	681.

Input Data for Lower Bound Run

A-4-79

PRINTED IN U.S.A.

DIT	DISTANCES (MI)										
	1.0	2.0	3.0	4.0	5.0	10.0	20.0	30.0	40.0	50.0	
B	274.7	294.1	309.6	324.7	341.0	2.27	.804	.289	.155	.101	7.194-02
NNI	129.4	294.7	15.6	5.75	3.73	2.67	.945	.339	.182	.118	8.498-02
NE	107.4	294.7	12.9	9.01	5.77	4.49	2.10	.741	.404	.262	.188
ENE	95.1	294.3	15.1	13.3	7.97	6.30	3.25	1.15	.625	.406	.291
E	174.2	34.79	1.39	.735	.479	.339	.120	4.243-02	2.309-02	1.500-02	1.073-02
ESE	394.4	0.47	28.4	15.9	10.0	7.17	2.61	1.03	.560	.363	.260
SE	472.4	10.7	55.4	30.1	10.6	14.9	5.10	2.01	1.10	.712	.509
SSE	142.4	13.0	13.4	7.24	4.73	3.39	1.20	.423	.230	.150	.107
S	12.6	10.1	12.4	9.88	8.43	7.45	5.08	2.31	1.26	.815	.583
SSS	198.1	46.1	16.3	8.80	5.77	4.13	1.46	.516	.281	.182	.131
SW	39.1	9.11	3.77	1.75	1.14	.815	.788	.102	5.593-02	3.600-02	2.576-02
WSW	074.1	7.43	7.10	3.91	2.54	1.82	.642	.227	.124	8.077-02	5.753-02
W	128.4	294.9	10.6	5.75	3.74	2.67	.945	.339	.182	.118	8.493-02
WNW	169.4	30.5	15.5	7.60	4.93	3.53	1.25	.441	.240	.156	.112
NW	140.94-03	235.4	43.7	45.3	29.0	21.0	7.44	2.63	1.43	.930	.665
NNW	027.4	7.6	73.1	39.7	20.0	18.5	6.53	2.31	1.26	.816	.584

CUMULATIVE BEARS (BOES) AT CARNAGE DISTANCES THROUGH REGION: 80C1703-4716

BOE	375	1.5	2.0	3.0	4.0	5.0	10.0	20.0	30.0	40.0	50.0
B	17.0	29.1	0.06	4.00	3.10	2.27	8.09	2.04	1.55	1.01	7.194-02
BE	12.0	20.0	2.00	5.75	3.75	2.67	9.95	3.34	1.92	1.18	8.448-02
ME	10.7	20.6	12.0	0.01	5.77	4.49	2.10	7.91	4.04	2.62	1.88
FBE	05.1	20.3	15.1	10.3	7.06	6.30	3.25	1.45	6.25	4.06	2.91
F	17.2	3.79	1.39	7.30	4.70	3.39	1.20	4.243-02	2.309-02	1.500-02	1.073-02
FSE	34.0	0.02	20.4	15.4	11.0	7.17	2.61	1.03	5.60	3.63	2.60
SE	67.0	1.20	55.4	30.1	17.6	14.0	5.10	2.01	1.10	7.12	5.09
SEI	16.7	37.5	13.4	7.20	4.73	3.39	1.20	4.23	2.30	1.50	1.07
S	12.0	10.1	12.4	9.00	0.43	7.45	5.08	2.31	1.26	8.15	5.83
SEI	19.0	46.1	16.3	0.00	5.77	4.13	1.46	5.16	2.91	1.02	1.31
SEI	19.1	9.11	3.22	1.75	1.14	8.15	2.80	1.02	5.543-02	3.690-02	2.576-02
SEI	17.1	21.3	7.10	3.01	2.56	1.82	6.42	2.27	1.79	0.027-02	5.793-02
W	17.0	29.9	10.6	5.75	3.74	2.67	9.95	3.34	1.82	1.18	8.453-02
WBE	16.0	30.2	10.0	7.60	4.93	3.53	1.75	4.41	2.90	1.56	1.12
WBE	16.0	23.0	13.2	45.3	20.4	21.0	7.49	2.63	1.43	0.30	5.65
WBE	1.01, 9.00, 3	2.60	73.0	39.7	20.0	18.5	6.53	2.31	1.26	8.16	5.84

8-4-79

FOR 170, 171 TO 179, 1-79 INCH 4-79, 15x10mm1 POP.

COLLECTIVE DATA (EXCLUDED) FOR 170-179: ACCL703-0715

DATE SECRET NUMBER

1 2 3 4 5 6 7 8 9 10 SUM

4	40.7	2.20	26.5	19.7	1.11	15.9	5.62	1.84	1.10	9.02	72.4
4H	2.95	1.20	1.20	2.20	1.17	1.66	9.51	1.64	2.09	4.97	43.1
4H	2.06	2.49	2.69	2.69	.940	6.47	46.0	20.8	3.07	13.7	101.
4H	2.57	1.19	2.37	4.08	1.83	6.70	18.3	12.2	22.6	60.6	132.
4H	2.08	.126	3.763-12	7.960-12	.273	1.96	1.25	1.89	.780	.488	7.12
4H	.865	1.59	3.34	2.63	1.09	1.13	52.4	92.4	12.4	13.0	192.
4H	1.69	9.13	2.67	4.07	6.40	1.65	60.2	14.5	9.24	16.1	140.
4H	4.12	1.13	1.13	4.52	.171	7.10	29.2	3.28	2.77	6.38	62.7
4H	1.941-12	1.94	1.94	7.31	10.4	7.3	35.6	24.3	13.5	51.9	538.
4H	2.207-12	2.5	6.05	1.53	3.64	15.7	25.7	16.3	4.16	5.28	82.3
4H	1.616-12	.523	.419	.704	.240	1.93	1.83	1.46	1.13	.573	8.92
4H	3.647-12	3.6	.634	2.97	.505	2.97	2.09	1.31	.880	1.55	15.5
4H	5.367-12	6.09	.774	1.51	1.79	10.6	11.4	8.42	1.50	2.04	43.6
4H	7.007-12	2.31	2.54	1.19	.973	23.0	48.6	4.50	1.02	.482	84.7
4H	.923	.13	3.93	1.49	29.1	343	409.	17.6	11.6	9.86	876.
4H	.350	.119	65.1	29.0	41.6	170.	95.5	17.5	7.25	8.81	436.
SUM	18.3	36.9	17.1	70.0	102.	720.	1.173.03	240.	94.8	202.	2.784.03

9-4-79

SUM 17C, NET TO * FROM, 1-79 TOCH 9-79, FARMING POP.

COMPARATIVE COLLECTOR DUST (PERSON-CTM) THROUGH REGION: APR 1973-9715

ITEM	SCHEDULE NUMBER										SUM
	1	2	3	4	5	6	7	8	9	10	
H	0.12	2.00	25.6	14.7	1.11	14.9	5.65	1.84	1.10	4.02	72.4
ME	2.95	1.20	1.20	2.20	1.17	16.6	9.51	1.64	2.09	4.47	43.1
ME	2.16	2.00	2.60	2.00	2.00	6.47	46.0	20.8	3.07	13.7	101.
ME	2.57	1.10	2.27	4.00	1.03	6.70	18.3	12.2	22.6	60.6	132.
F	2.94	1.76	3.723-2	7.960-2	2.70	1.96	1.25	1.89	2.80	4.88	7.12
FS	0.85	1.50	3.29	2.63	1.90	11.3	52.4	92.4	12.4	13.0	192.
SE	1.29	0.13	2.67	4.07	6.99	16.5	60.2	14.5	9.24	16.1	180.
SE	5.90	0.12	1.13	4.52	1.71	7.18	29.2	3.28	2.77	8.38	62.7
S	2.97-1.2	1.041-1.2	1.00	7.41	1.04	72.3	35.6	24.3	13.5	51.9	518.
SS	0.207-0.2	2.53	6.00	1.53	3.64	15.7	25.7	16.3	4.16	5.78	82.3
SM	1.636-0.2	1.22	0.10	7.00	2.00	1.93	1.88	1.46	1.13	5.73	8.92
MS	3.697-0.2	3.06	6.00	2.47	5.00	2.97	2.09	1.31	0.80	1.55	15.5
W	5.367-0.2	6.00	2.74	1.51	1.70	10.6	11.4	6.42	1.50	2.04	43.6
WH	7.007-0.2	2.31	2.50	1.19	0.73	23.0	48.6	4.50	1.02	4.82	84.7
HW	0.23	0.13	3.03	1.00	20.1	343.	409.	17.6	11.4	7.86	878.
HW	0.30	0.14	65.1	29.0	01.6	170.	95.5	17.5	7.25	8.81	436.
SUM	10.3	36.4	120.	70.0	102.	720.	1.173+03	240.	94.8	202.	2.784+03

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176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

214,311.9 PERCENT
276.4 PERCENT
1.207 PERCENT

TOTAL PERCENTAGE
COMPARATIVE COLLECTIVE CASE
AVERAGE INDIVIDUAL CASE

[illegible]

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UNIVAC 11-6 TIME SHARING SYSTEM --- VER. 3JR3A SITE * U108B * * *
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[illegible]

JOURNAL OF CLIMATE, Vol. 19, No. 10, 2006

[illegible]
$$\frac{1}{\alpha} \frac{d\alpha}{dt} = \frac{1}{\alpha} \frac{d\alpha}{d\tau} \frac{d\tau}{dt} = \frac{1}{\alpha} \frac{d\alpha}{d\tau} \frac{1}{1 - \alpha}.$$

1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813

16 5, 7, 11 12 13 14

$$\Delta E(m, S) = \epsilon_1 T_1 + \epsilon_2 T_2 + \epsilon_3 T_3$$

for 5 and $r = 1/25, 7/25, 14/25, 3/21, 10/21$

CURO, T. F. and D. L. Y. 1977

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SYNOPSIS: USE: COUT <f> <v> 202; DATA_91_2501A.2; NAME C00000421 0000001
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0-603 ACORN 01-037

CCN FROM 30, 725

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COOL. 1000 1014 740

007 FROM 51215

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CHILD **ECON** **MATH**

INTER-AT PREFERENCES FOR COLD-DRINKS

COMP

Figure 1

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vol. 4402*

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1997 FISCAL YEAR

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STOPKAT ACCIDENT IN FLO. N. YUL. RELATIVE LOCATION, NAME

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[illegible]

Case	Year	Age	Gender	Occupation	Education	Marital Status	Religion	Health Status	Income	Assets	Liabilities	Net Worth	Debt-to-Income Ratio	Debt-to-Assets Ratio	Debt-to-Net Worth Ratio	Debt-to-Net Worth Ratio (by asset class)	Debt-to-Net Worth Ratio (by liability class)	Debt-to-Net Worth Ratio (by income class)	Debt-to-Net Worth Ratio (by education class)	Debt-to-Net Worth Ratio (by marital status class)	Debt-to-Net Worth Ratio (by religion class)	Debt-to-Net Worth Ratio (by health status class)
1	2013	35	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25
2	2014	36	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
3	2015	37	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
4	2016	38	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
5	2017	39	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
6	2018	40	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
7	2019	41	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
8	2020	42	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
9	2021	43	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
10	2022	44	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
11	2023	45	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
12	2024	46	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
13	2025	47	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
14	2026	48	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
15	2027	49	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
16	2028	50	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
17	2029	51	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	
18	2030	52	Male	Engineer	Master's	Married	Hindu	Good	100000	500000	100000	400000	0.1	0.25	0.25	0.1	0.25	0.25				

[illegible]

0007 P 001440 D15
0005 K C00013 D14
J1 A C01220 C0005
0006 K C00020 C0005
J107 K C000760 C0005

[illegible]

Case	Year	Age	Sex	Occupation	Education	Income	Assets	Liabilities	Net Worth	Notes
1	1994	30	M	Engineer	High School	\$15,000	\$10,000	\$5,000	\$5,000	First year of employment
2	1995	31	M	Engineer	High School	\$18,000	\$12,000	\$6,000	\$6,000	Second year of employment
3	1996	32	M	Engineer	High School	\$21,000	\$15,000	\$7,000	\$7,000	Third year of employment
4	1997	33	M	Engineer	High School	\$24,000	\$18,000	\$8,000	\$8,000	Fourth year of employment
5	1998	34	M	Engineer	High School	\$27,000	\$21,000	\$9,000	\$9,000	Fifth year of employment
6	1999	35	M	Engineer	High School	\$30,000	\$24,000	\$10,000	\$10,000	Sixth year of employment
7	2000	36	M	Engineer	High School	\$33,000	\$27,000	\$11,000	\$11,000	Seventh year of employment
8	2001	37	M	Engineer	High School	\$36,000	\$30,000	\$12,000	\$12,000	Eighth year of employment
9	2002	38	M	Engineer	High School	\$39,000	\$33,000	\$13,000	\$13,000	Ninth year of employment
10	2003	39	M	Engineer	High School	\$42,000	\$36,000	\$14,000	\$14,000	Tenth year of employment

Run	Time (min)	Flow Rate (ml/min)	Temperature (°C)	Pressure (atm)	Detector Response
1	10.0	1.0	25	1.0	0.0000
2	20.0	1.0	25	1.0	0.0000
3	30.0	1.0	25	1.0	0.0000
4	40.0	1.0	25	1.0	0.0000
5	50.0	1.0	25	1.0	0.0000
6	60.0	1.0	25	1.0	0.0000
7	70.0	1.0	25	1.0	0.0000
8	80.0	1.0	25	1.0	0.0000
9	90.0	1.0	25	1.0	0.0000
10	100.0	1.0	25	1.0	0.0000
11	110.0	1.0	25	1.0	0.0000
12	120.0	1.0	25	1.0	0.0000
13	130.0	1.0	25	1.0	0.0000
14	140.0	1.0	25	1.0	0.0000
15	150.0	1.0	25	1.0	0.0000
16	160.0	1.0	25	1.0	0.0000
17	170.0	1.0	25	1.0	0.0000
18	180.0	1.0	25	1.0	0.0000
19	190.0	1.0	25	1.0	0.0000
20	200.0	1.0	25	1.0	0.0000
21	210.0	1.0	25	1.0	0.0000
22	220.0	1.0	25	1.0	0.0000
23	230.0	1.0	25	1.0	0.0000
24	240.0	1.0	25	1.0	0.0000
25	250.0	1.0	25	1.0	0.0000
26	260.0	1.0	25	1.0	0.0000
27	270.0	1.0	25	1.0	0.0000
28	280.0	1.0	25	1.0	0.0000
29	290.0	1.0	25	1.0	0.0000
30	300.0	1.0	25	1.0	0.0000
31	310.0	1.0	25	1.0	0.0000
32	320.0	1.0	25	1.0	0.0000
33	330.0	1.0	25	1.0	0.0000
34	340.0	1.0	25	1.0	0.0000
35	350.0	1.0	25	1.0	0.0000
36	360.0	1.0	25	1.0	0.0000
37	370.0	1.0	25	1.0	0.0000
38	380.0	1.0	25	1.0	0.0000
39	390.0	1.0	25	1.0	0.0000
40	400.0	1.0	25	1.0	0.0000
41	410.0	1.0	25	1.0	0.0000
42	420.0	1.0	25	1.0	0.0000
43	430.0	1.0	25	1.0	0.0000
44	440.0	1.0	25	1.0	0.0000
45	450.0	1.0	25	1.0	0.0000
46	460.0	1.0	25	1.0	0.0000
47	470.0	1.0	25	1.0	0.0000
48	480.0	1.0	25	1.0	0.0000
49	490.0	1.0	25	1.0	0.0000
50	500.0	1.0	25	1.0	0.0000
51	510.0	1.0	25	1.0	0.0000
52	520.0	1.0	25	1.0	0.0000
53	530.0	1.0	25	1.0	0.0000
54	540.0	1.0	25	1.0	0.0000
55	550.0	1.0	25	1.0	0.0000
56	560.0	1.0	25	1.0	0.0000
57	570.0	1.0	25	1.0	0.0000
58	580.0	1.0	25	1.0	0.0000
59	590.0	1.0	25	1.0	0.0000
60	600.0	1.0	25	1.0	0.0000
61	610.0	1.0	25	1.0	0.0000
62	620.0	1.0	25	1.0	0.0000
63	630.0	1.0	25	1.0	0.0000

[illegible][illegible][illegible]

0017700 000006

00023700 000264
00023300 000206
00023400 000241

00224 1A) MTH=1-1
00225 RFT=00
00226 LMD

END OF COMPIATION: NO DIAGNOSTICS.

00025 00000
FOR 5 901 F -1.725/79-14:03:33 10.1

FILE DATA

STORAGE USED: CONF(1) 00000; DATA(1) 00000; BLANK COMMON(2) 00000

COMMON BLOCKS:

0003 ACOM 000037
0004 ACOM 000765
0005 CCOM 000273
0006 PCOM 001760
0007 FCOM 002115
0010 FCOM 000007
0011 GCOM 000001

STORAGE ASSIGNMENT (BLOCK, TYPE, RELATIVE LOCATION, NAME)

0005 R 000000 ADIS 0006 R 000260 ADOS 0011 P 000000 B 0007 R 000954 BK6 0007 R 001500 CAD05
0006 R 000760 CCOM 0006 R 000520 CCOM 0006 P 001720 C5005 0005 R 000013 DIR 0007 R 001490 D15
0007 R 001750 D05 0010 I 000006 ENF 0003 I 000000 IOPI 0007 I 001604 NDX 0006 001740 NSEC
0008 I 000720 NFTA 0007 I 002114 NYLO 0007 R 000628 PER 0010 R 000003 PER2
0005 I 000033 P06 0003 I 000002 P0PI 0004 R 000620 S6F 0004 R 000000 SCOPE 0004 R 000954 SD15
0008 R 000000 S605 0007 I 001724 SFF 0004 I 000010 SSEC 0007 R 000000 STA 0003 R 000010 TITL

FILE DATA

00101 1A) 000000 000000
00101 2A) 000000 000000
00101 3A) 000000 000000
00102 4A) 000000 000000
00103 5A) 000000 000000
00103 6A) 000000 000000
00103 7A) 000000 000000
00106 8A) 000000 000000
00110 9A) 000000 000000
00111 10A) 000000 000000
00111 11A) 000000 000000
00111 12A) 000000 000000
00111 13A) 000000 000000
00111 14A) 000000 000000
00111 15A) 000000 000000
00111 16A) 000000 000000
00111 17A) 000000 000000
00111 18A) 000000 000000
00111 19A) 000000 000000
00111 20A) 000000 000000

[illegible]

0175	FRANK	WORDS	DECEMBER
5918	DRANK	WORDS	DECEMBER

090070 53933

NSWTCZ/FOR-1-1	2111	01103	011030			27 JUL 78	17:07:41	
NSWTCZ/FOR-1-2	2111	01103	011030			29 APR 74	13:48:27	
NSWTCZ/FOR-1-1	2111	01103	011030	2121	040000	040364	27 JUL 78	17:02:44
NSWTCZ/FOR-1-2	2111	01103	011030	2121	040000	040220	03 MAY 79	13:03:09
NSWTCZ/FOR-1-1	2111	01103	011030	2121	040021	040241	27 JUL 78	17:03:07
NSWTCZ/FOR-1-2	2111	01103	011030	2121	040044	040264	12 MAY 71	15:49:14
NSWTCZ/FOR-1-1	2111	01103	011030	2121	040045	040304	03 JAN 79	14:33:58
NSWTCZ/FOR-1-2	2111	01103	011030	2121	040045	040316	23 JUN 75	10:07:02
NSWTCZ/FOR-1-1	2111	01103	011030	2121	040031	040344	27 JUL 78	17:00:43
NSWTCZ/FOR-1-2	2111	01103	011030	2121	040045	040344	16 APR 75	13:27:40
NSWTCZ/FOR-1-1	2111	01103	011030	2121	040045	040350	27 JUL 78	17:03:29
NSWTCZ/FOR-1-2	2111	01103	011030	2121	040051	040604	27 JUL 78	17:04:45
NSWTCZ/FOR-1-1	2111	01103	011030	2121	040045	040605	27 JUL 78	17:03:59
NSWTCZ/FOR-1-2	2111	01103	011030	2121	040046	040606	29 APR 74	13:47:56
NSWTCZ/FOR-1-1	2111	01103	011030				28 JUL 78	14:36:06
NSWTCZ/FOR-1-2	2111	01103	011030	2121	040047	040612	31 AUG 78	16:01:59
NSWTCZ/FOR-1-1	2111	01103	011030	2121	040047	040612	16 APR 75	13:13:54
NSWTCZ/FOR-1-2	2111	01103	011030	2121	040047	040612	23 JUN 75	09:58:12
NSWTCZ/FOR-1-1	2111	01103	011030				10 JUL 72	21:41:26
NSWTCZ/FOR-1-2	2111	01103	011030				10 JUL 72	21:41:28
NSWTCZ/FOR-1-1	2111	01103	011030	2121	043041	043213	10 AUG 78	13:00:55
NSWTCZ/FOR-1-2	2111	01103	011030	2121	043041	043213		
NSWTCZ/FOR-1-1	2111	01103	011030	2121	043041	043213	31 AUG 78	14:44:53
NSWTCZ/FOR-1-2	2111	01103	011030	2121	043041	043213	27 JUL 78	17:00:55
NSWTCZ/FOR-1-1	2111	01103	011030	2121	043041	043213	29 APR 74	13:47:54
NSWTCZ/FOR-1-2	2111	01103	011030	2121	043041	043213	16 APR 75	13:20:52
NSWTCZ/FOR-1-1	2111	01103	011030	2121	043041	043213	27 JUL 78	17:00:26
NSWTCZ/FOR-1-2	2111	01103	011030	2121	043041	043213	27 JUL 78	17:00:34
NSWTCZ/FOR-1-1	2111	01103	011030	2121	043041	043213	27 JUL 78	17:00:06
NSWTCZ/FOR-1-2	2111	01103	011030	2121	043041	043213	10 JUL 72	21:41:08
NSWTCZ/FOR-1-1	2111	01103	011030	2121	043041	043213	11 MAR 75	15:33:59
NSWTCZ/FOR-1-2	2111	01103	011030	2121	043041	043213	26 DEC 78	17:30:56
NSWTCZ/FOR-1-1	2111	01103	011030	2121	043041	043213	17 APR 75	09:42:35
NSWTCZ/FOR-1-2	2111	01103	011030	2121	043041	043213	27 JUL 78	17:01:50
NSWTCZ/FOR-1-1	2111	01103	011030	2121	043041	043213	28 JUL 78	14:36:41
NSWTCZ/FOR-1-2	2111	01103	011030	2121	043041	043213	28 JUL 78	14:38:58
NSWTCZ/FOR-1-1	2111	01103	011030	2121	043041	043213	17 APR 75	09:51:41
NSWTCZ/FOR-1-2	2111	01103	011030	2121	043041	043213	27 JUL 78	17:03:43
NSWTCZ/FOR-1-1	2111	01103	011030					
NSWTCZ/FOR-1-2	2111	01103	011030					
NSWTCZ/FOR-1-1	2111	01103						

HDD5	S171	FCOM	S161	DCOM		
	S10111	ACOM	S10111	FCOM		
	S111	015295 016795	S101	052107 052135	25 OCT 79	14:53:51
	S131	ACOM	S121	BLANK*COMMON		
	S151	FCOM	S141	BCOM		
HAPP	S171	FCOM	S161	DCOM		
	S10111	FCOM	S10101	FCOM		
	S111	016197 016495	S101	052136 052405	25 OCT 79	14:53:48
	S131	ACOM	S121	BLANK*COMMON		
	S151	FCOM	S141	BCOM		
H6	S171	FCOM	S161	DCOM		
	S10111	FCOM	S10101	FCOM		
	S111	ACOM	S121	BLANK*COMMON	25 OCT 79	14:53:37
	S151	FCOM	S141	BCOM		
	S171	FCOM	S161	DCOM		
HDT11	S10111	FCOM	S10101	FCOM		
	S111	016926 016967	S101	052406 052467	25 OCT 79	14:53:25
	S131	ACOM	S121	BLANK*COMMON		
	S151	FCOM	S141	BCOM		
	S171	FCOM	S161	DCOM		
HTRANS ICOMPA	S10111	FCOM	S10101	FCOM		
	S111	016670 016770	S101	052470 052555	06 JUL 79	14:00:38
			S101	052556 052575	06 JUL 79	14:00:31
			S121	BLANK*COMMON		
			S101	052576 052663	06 JUL 79	14:00:21
HPRINT	S111	016776 017130	S121	BLANK*COMMON		
	S131	ACOM	S121	BLANK*COMMON		
	S151	FCOM	S141	BCOM		
	S171	FCOM	S161	DCOM		
	S10111	FCOM	S10101	FCOM		
HPRINT	S111	017135 017313	S101	052664 053002	06 JUL 79	14:00:13
	S131	ACOM	S121	BLANK*COMMON		
	S151	FCOM	S141	BCOM		
	S171	FCOM	S161	DCOM		
	S10111	FCOM	S10101	FCOM		
HPRINT	S111	017310 017472	S101	053003 053116	06 JUL 79	14:00:09
	S131	ACOM	S121	BLANK*COMMON		
	S151	FCOM	S141	BCOM		
	S171	FCOM	S161	DCOM		
	S10111	FCOM	S10101	FCOM		
HPRINT	S111	017473 017607	S101	053117 053171	06 JUL 79	14:00:04
	S131	ACOM	S121	BLANK*COMMON		
	S151	FCOM	S141	BCOM		
	S171	FCOM	S161	DCOM		
	S10111	FCOM	S10101	FCOM		
HPRINT	S111	017610 017761	S101	053172 053263	06 JUL 79	14:00:01
	S131	ACOM	S121	BLANK*COMMON		
	S151	FCOM	S141	BCOM		
	S171	FCOM	S161	DCOM		
	S10111	FCOM	S10101	FCOM		
HSECT	S111	017761 020192	S101	053264 053322	06 JUL 79	13:59:52
	S131	ACOM	S121	BLANK*COMMON		
	S151	FCOM	S141	BCOM		
	S171	FCOM	S161	DCOM		
	S10111	FCOM	S10101	FCOM		
HSECT	S111	020197 020300	S101	053323 053364	06 JUL 79	13:59:49
	S131	ACOM	S121	BLANK*COMMON		
	S151	FCOM	S141	BCOM		
	S171	FCOM	S161	DCOM		

ENVIRONMENTAL TOXIC DOSE ASSESSMENT INPUT DATA:

TITLE: 200 Lb, MEYER + OFDP, 1-70 THRU 9-79, FCAH001 POP, 8-4-79

POP CONTROL OPTIONS:

INPUT = F F

POP = Y Y Y Y Y

BASE DATA:

LCODE, SFC, SDES, SCCR

152	1	1.13	1.20
252	2	2.7	1.20
452	4	3.00	1.20
552	5	2.20	1.20
952	9	2.6	1.20
1151	11	1.010-11	1.20
1451	14	9.13	1.20
1651	16	2.90	1.20
441	4	5.00	1.20
541	5	4.00	1.20
1011	10	1.10	1.20
1211	12	1.60	1.20
141	1	2.60	1.20
441	4	2.30	1.20
741	7	9.00	1.20
941	9	1.20	1.20
761	7	15.2	1.20
961	9	13.0	1.20
1561	15	15.0	1.20
1641	16	4.03	1.20
F-1	4	5.00	1.20
NE-1	2	8.05	1.20
NE-2	2	1.86	1.20
N-1	1	2.60	1.20
NE-3	3	3.10	1.20
NE-4	3	4.70	1.20
N-2	1	5.10	1.20
N-3	1	7.40	1.20
N-4	1	9.30	1.20
N-5	1	12.6	1.20
NM-5	15	13.0	1.20
NM-4	15	9.60	1.20
NM-3	14	7.40	1.20
NM-2	15	5.90	1.20
NM-1	14	2.60	1.20
M-1	13	1.30	1.20
M-2	12	1.30	1.20
SW-1	11	2.20	1.20
W-3	13	2.80	1.20
W-4	15	5.90	1.20
SW-2	15	2.60	1.20
S-1	9	3.20	1.20
S-2	9	4.30	1.20
S-3	9	6.30	1.20
SW-3	11	0.30	1.20
SW-4	11	1.20	1.20
S-4	9	12.0	1.20

554	0.0	197	117	76	43	3848	94264	10774	15697	46763
555	1	1	137	617	1317	12190	111002	14648	13477	75781
556	1	98	688	217	752	4863	31917	44031	18596	37729
557	1	159	161	219	219	9297	11801	19931	25536	18979
558	1	273	117	196	237	2961	5092	7996	8948	23010
559	1	369	37	331	571	7157	71769	35025	10370	20602
560	1	196	253	197	235	11023	70460	14188	5333	3681
561	1	1	40	91	1177	29482	29593	9304	9970	12630
562	1	1	128	692	1921	18532	56482	10517	7258	12858

B= 1.57

TITLE DATA:
(TYPE, STATUS, SIZE, PER)

101	9.51	APC1/03-4/15
711	9.91	APC1/03-4/15
7110	7.21	APC1/03-4/15
1561	7.81	APC1/03-4/15
15610	5.31	APC1/03-4/15
1281	11.80	APC1/03-4/15
961	9.90	APC1/03-4/15
581	17.9	APC1/03-4/15
5810	15.91	APC1/03-4/15
481	56.81	APC1/03-4/15
252	51.60	APC1/03-4/15
152	95.51	APC1/03-4/15
1520	95.61	APC1/03-4/15
1651	952.01	APC1/03-4/15
16516	985.61	APC1/03-4/15
1151	295.31	APC1/03-4/15
11510	291.31	APC1/03-4/15
652	3.1	APC1/03-4/15
452	176.31	APC1/03-4/15
4520	119.1	APC1/03-4/15
552	91.5	APC1/03-4/15
5520	89.3	APC1/03-4/15
551	1.61	APC1/03-4/15
5510	9.2	APC1/03-4/15
5511	10.9	APC1/03-4/15
5510	12.31	APC1/03-4/15
761	3.13	APC1/03-4/15
1681	16.31	APC1/03-4/15
1651	15.6.1	APC1/03-4/15
1681	93.31	APC1/03-4/15
10911	8.31	APC1/03-4/15
10911	13.31	APC1/03-4/15
10912	3.1	APC1/03-4/15
10917	5.21	APC1/03-4/15
10913	11.51	APC1/03-4/15
10913	15.7	APC1/03-4/15
10914	8.81	APC1/03-4/15
10914	11.7	APC1/03-4/15

DATA 100-001 - 10 C00100 0.01

CPD

