

RAS 5527

72-22-1581- STATE Exhibit 59 - Buld 4/12/02

-----INTERNATIONAL STATION METEOROLOGICAL CLIMATE SUMMARY-----

:STA 690110 | DPG | DUGWAY PROVING GROUND , ,US
 :LAT 40 12N :LONG 112 56W :ELEV 4349(ft) 1326(m) :TYPE AWS SCT V2.0 11051992
 AIR WEATHER SERVICE - CLIMATIC BRIEF

HOURLY OBS POR: 6005-7012, 7301-7606, 8401-9004

PARAMETER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@ EXTRM MAX TEMP (F)	66	70	80	95	97	107	109	105	101	89	78	64	109	44
MEAN MAX TEMP (F)	38	44	52	62	73	83	94	91	80	67	50	39	65	36
MEAN TEMP (F)	27	34	40	50	60	69	78	76	65	53	39	29	52	36
MEAN MIN TEMP (F)	17	24	28	36	46	54	63	60	49	38	27	19	38	36
@ EXTRM MIN TEMP (F)	-25	-27	-6	13	21	31	27	39	27	17	-8	-17	-27	44
D/W TEMP GE 100 (F)	0	0	0	0	0	1	4	1	#	0	0	0	6	36
D/W TEMP GE 90 (F)	0	0	0	#	1	10	25	21	5	0	0	0	62	36
D/W TEMP LT 33 (F)	28	23	22	10	2	#	#	0	1	8	22	28	144	36
D/W TEMP LT 0 (F)	3	1	#	0	0	0	0	0	0	0	1	1	6	36
@@ HEATING DEGREE DAYS	1131	864	764	433	186	39	#	3	74	352	775	1082	5703	16
@@ COOLING DEGREE DAYS	0	0	0	2	46	192	449	376	123	8	0	0	1196	16
MEAN DEWPOINT TEMP (F)	16	22	22	26	31	37	40	41	34	29	26	20	29	20
MEAN WET BULB TEMP (F)	23	30	33	40	47	53	59	57	50	42	34	25	41	20
99.95% MCPA (FT)	4950	4900	4950	4950	4800	4750	4550	4550	4700	4750	4800	4900	4850	20
MEAN REL HUM 07 LST(%)	74.7	75.3	68.3	60.1	51.2	45.4	39.1	44.0	50.3	60.2	71.9	78.4	59.4	20
MEAN REL HUM 13 LST(%)	57.9	52.8	40.9	33.4	27.5	25.0	19.8	21.8	26.7	34.3	47.2	62.4	37.3	20
@ MAX 24HR PRECIP (IN)	.79	.84	2.84	.95	.96	1.15	1.11	1.01	1.17	1.02	.95	.71	2.84	44
@ MAX PRECIP (IN)	1.54	1.58	4.86	1.95	2.96	2.46	1.89	1.89	3.16	2.00	1.48	2.33	15.07	44
MEAN PRECIP (IN)	.48	.55	.73	.80	.70	.76	.35	.51	.44	.50	.51	.60	6.86	36
@ MIN PRECIP (IN)	#	.01	#	.08	.04	.00	#	#	.00	.00	#	#	3.27	44
D/W PRECIP GE .01 (IN)	5	5	5	6	5	4	4	4	3	4	4	6	55	36
D/W PRECIP GT .50 (IN)	#	1	1	1	1	1	1	#	1	1	#	#	8	36
MAX 24HR SNFL (IN)	5.7	5.1	4.8	4.0	3.7	#	0	0	#	1.0	6.0	4.4	6.0	36
@ MAX SNFL (IN)	10.0	11.8	15.6	7.8	6.4	#	0	0	#	7.0	8.2	15.6	28.4	44
MEAN SNFL (IN)	3.9	3.3	3.5	1.3	.5	#	0	0	0	.1	2.0	3.7	18.9	36
D/W SNFL GE .1 (IN)	4	3	2	1	1	0	0	0	0	1	2	3	17	36
D/W SNFL GE 1.5 (IN)	1	1	1	1	#	0	0	0	0	0	1	1	6	36
@ MAX DLY SNO DEPTH (IN)	8	10	9	3	2	0	0	0	0	1	7	12	12	44
PRVLNG WND DIR (DEG)	\$14-16\$14-16\$17-19	\$14-16\$14-16\$17-19	\$17-19\$17-19\$17-19	\$17-19\$17-19\$17-19	\$17-19\$17-19\$17-19	\$17-19\$17-19\$17-19	\$17-19\$17-19\$17-19	\$14-16\$14-16\$14-16\$14-16\$14-16\$17-19	\$14-16\$14-16\$14-16\$14-16\$17-19	\$14-16\$14-16\$14-16\$14-16\$17-19	\$14-16\$14-16\$14-16\$14-16\$17-19	\$14-16\$14-16\$14-16\$14-16\$17-19	\$17-19	20
MEAN WND SPD (KTS)	4	4	6	6	6	5	5	5	5	4	4	3	5	20
MAX WND SPD (KTS)	64	50	59	81	62	58	62	56	52	54	68	45	81	27
SKY COVER GT 5/10 (%)	59.5	58.7	56.6	57.9	50.4	36.9	29.5	29.5	28.3	35.0	54.4	61.5	46.3	20

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D/W THUNDERSTORMS	#	#	1	1	2	2	4	4	2	1	1	1	19	33
D/W FOG (VSBY LT 7 MI)	6	4	2	2	1	1	0	#	1	1	2	7	27	33

& = BASED ON LESS THAN FULL MONTH

! = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENT OF CALM WINDS GREATER OR EQUAL TO MEAN WIND DIRECTION

@ = SUMMARY OF DAY SUPPLEMENTED BY LOCAL CLIMATOLOGICAL DATA (NOAA)

-----FEDERAL CLIMATE COMPLEX ASHEVILLE-----

DOCKETED
USNRC

2003 JAN 29 PM 2:45

OFFICE OF THE SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

NUCLEAR REGULATORY COMMISSION

Docket No. _____ Official Exh. No. 59

In the matter of _____

Staff _____ IDENTIFIED ✓

Applicant _____ RECEIVED ✓

Intervenor ✓ _____ REJECTED _____

Other _____ WITHDRAWN _____

DATE 4/12/02 Witness _____

Clerk _____ Paul