2012
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

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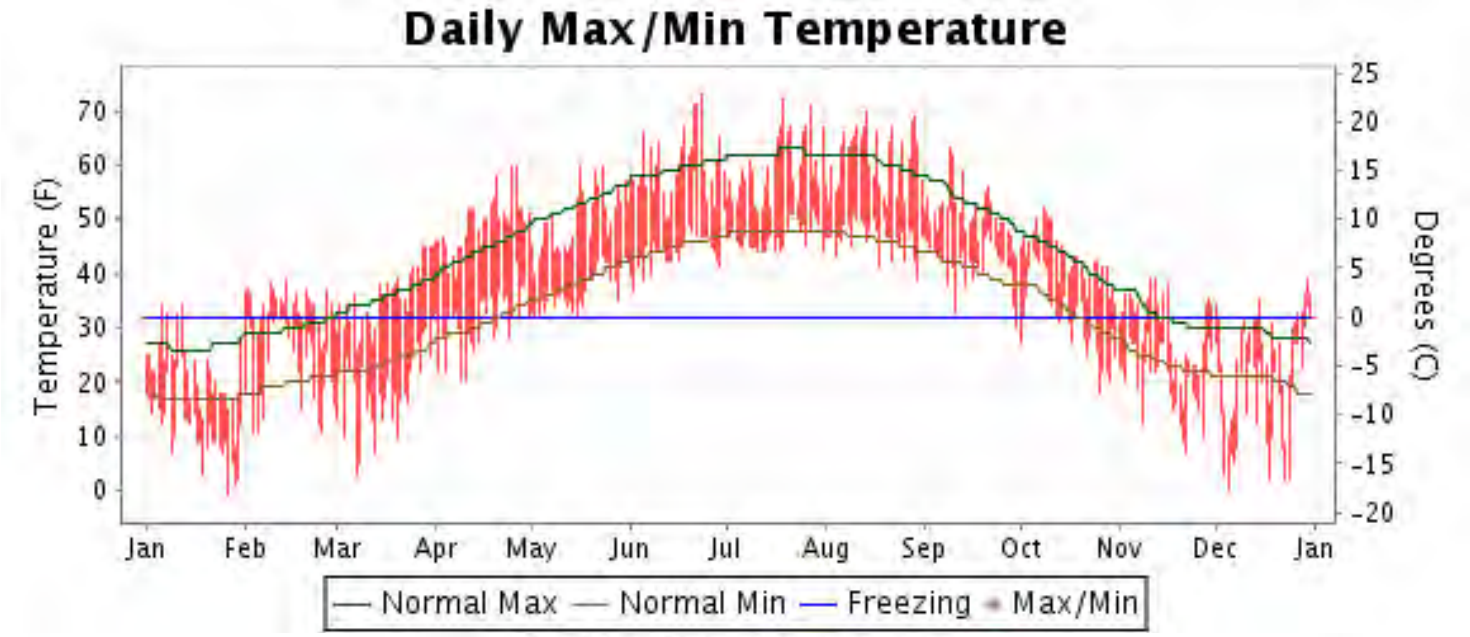
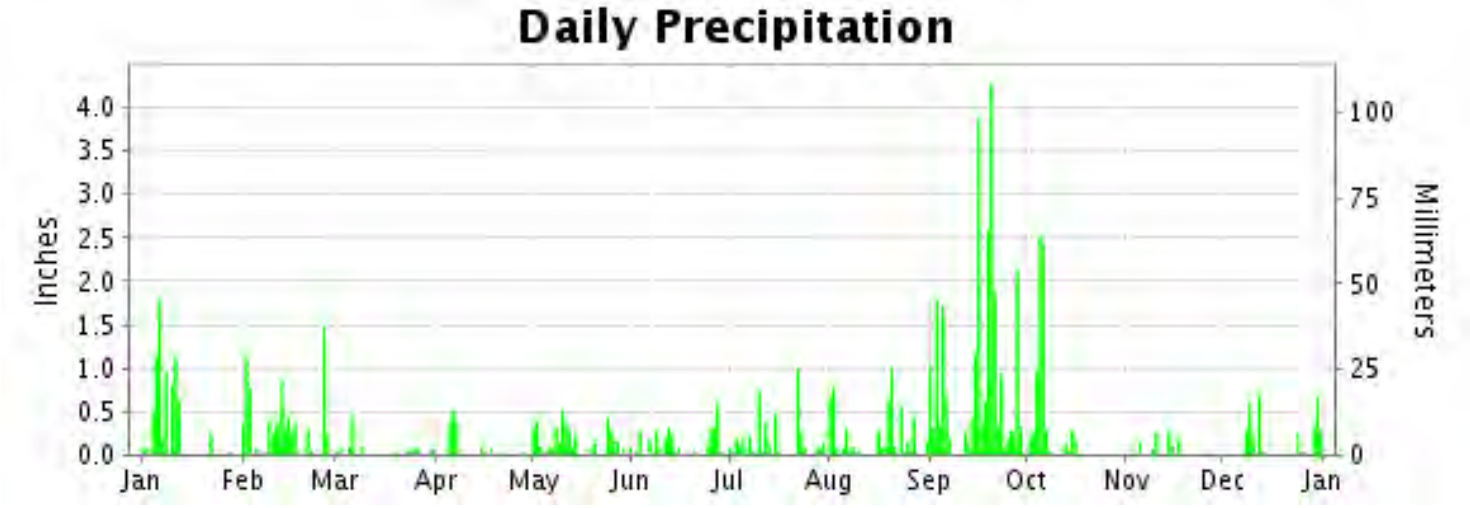
VALDEZ,
ALASKA (PAVW)





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METEOROLOGICAL DATA FOR 2012
VALDEZ (PAVW)

LATITUDE: 61° 7'N **LONGITUDE:** 146° 21'W **ELEVATION (FT):** GRND: 95 BARO: 52 **TIME ZONE:** ALASKA (UTC -9) **WBAN:** 26442

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	22.2	33.9	35.7	49.4	50.1	59.9	59.6	61.2	51.2	43.0	30.0	26.5	43.6
	HIGHEST DAILY MAXIMUM	34	39	45	60	60	73	72	70	63	52	39	39	73
	DATE OF OCCURRENCE	12+	14	31+	26+	23+	23	19	14	09	08	12+	30	JUN 23
	MEAN DAILY MINIMUM	11.2	23.1	18.4	30.9	36.9	44.5	46.8	46.6	42.1	31.7	20.3	16.7	30.8
	LOWEST DAILY MINIMUM	-1	11	3	20	32	37	44	39	30	18	7	0	-1
	DATE OF OCCURRENCE	27	25+	07	10+	15+	02	31+	30	30	26	22	05	JAN 27
	AVERAGE DRY BULB	16.7	28.5	27.1	40.2	43.5	52.2	53.2	53.9	46.7	37.4	25.2	21.6	37.2
	MEAN WET BULB													
	MEAN DEW POINT													
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 70	0	0	0	0	0	3	2	1	0	0	0	0	6
	MAXIMUM <= 32°	27	9	9	0	0	0	0	0	0	0	15	24	84
	MINIMUM <= 32°	31	29	31	18	3	0	0	0	1	19	30	30	192
	MINIMUM <= 0°	1	0	0	0	0	0	0	0	0	0	0	1	2
H/C	HEATING DEGREE DAYS	1491	1052	1170	737	662	378	359	336	543	848	1189	1338	10103
	COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
RH	MEAN (PERCENT)													
	HOUR 03 LST													
	HOUR 09 LST													
	HOUR 15 LST													
	HOUR 21 LST													
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)													
	THUNDERSTORMS													
PR	MEAN STATION PRESS. (IN.)													
	MEAN SEA-LEVEL PRESS. (IN.)													
WINDS	RESULTANT SPEED (MPH)													
	RES. DIR. (TENS OF DEGS.)													
	MEAN SPEED (MPH)	9.4	3.9	4.9	2.7	4.1	4.2	3.5	3.3	4.6	7.6	10.1	8.9	5.6
	PREVAIL.DIR.(TENS OF DEGS.)													
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	48	21	26	24	24	28	27	26	28	43	60	46	60
	DIR. (TENS OF DEGS.)	09	24	10	33	24	25	24	35	26	34	09	11	09
	DATE OF OCCURRENCE	01	04	10	02	18	29	20	28	21	19	29	20	NOV 29
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)	66	31	43	39	31	35	35	46	46	68	97	64	97
	DIR. (TENS OF DEGS.)	11	07	09	33	26	25	26	01	04	34	06	33	06
	DATE OF OCCURRENCE	20	03	11	02	14	29	21	28	09	19	29	01	NOV 29
PRECIPITATION	WATER EQUIVALENT:	7.57	8.10	1.20	1.59	4.42	3.18	4.34	5.64	26.15	7.33	1.03	3.50	74.05
	TOTAL (IN.)	1.78	1.48	0.47	0.50	0.52	0.59	1.00	1.02	4.27	2.50	0.29	0.70	4.27
	GREATEST 24-HOUR (IN.)	06	26	06	06	10	27	22	20	20	05	14	12	SEP 20
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	15	21	13	11	22	19	23	22	26	11	6	12	201
	PRECIPITATION 0.01	9	15	2	4	15	10	11	13	24	9	5	8	125
	PRECIPITATION 0.10	3	2	0	0	0	0	1	1	9	2	0	0	18
	PRECIPITATION 1.00													
SNOWFALL	SNOW,ICE PELLETS,HAIL	104.9	75.4	28.6	5.1	0.7	0.0	0.0	0.0	0.0	1.6	18.9	42.2	277.4
	TOTAL (IN.)	19.3	20.9	15.1	2.3	0.4	0.0	0.0	0.0	0.0	1.6	7.9	13.8	20.9
	GREATEST 24-HOUR (IN.)	06	26	06	06	14					13	14	09	FEB 26
	DATE OF OCCURRENCE	84	97	100	78	26	0	0	0	0	1	11	23	100
	MAXIMUM SNOW DEPTH (IN.)	12	27	06	01	01					13	15+	12	MAR 06
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	11	15	7	2	0	0	0	0	0	1	6	6	48
	SNOWFALL >= 1.0													

NORMALS, MEANS, AND EXTREMES
VALDEZ (PAVW)

LATITUDE: 61° 7'N **LONGITUDE:** 146° 21'W **ELEVATION (FT):** GRND: 95 BARO: 52 **TIME ZONE:** ALASKA (UTC -9) **WBAN:** 26442

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	28.2	31.1	36.4	45.0	54.5	60.7	62.3	60.9	53.6	43.5	32.7	30.4	44.9
	MEAN DAILY MAXIMUM	87	26.7	28.3	34.5	42.3	51.3	56.3	59.7	58.2	51.2	42.8	31.6	27.3	42.5
	HIGHEST DAILY MAXIMUM	41	54	52	53	69	78	86	85	83	74	58	50	52	86
	YEAR OF OCCURRENCE		2005	1991	1998	2005	1993	1997	1999	2003	1996	1995	2002	2007	JUN 1997
	MEAN OF EXTREME MAXS.	91	39.8	41.1	45.9	56.7	67.0	72.6	75.1	74.6	65.2	53.8	42.3	41.1	56.3
	NORMAL DAILY MINIMUM	30	19.2	20.9	24.2	31.3	39.4	45.8	48.5	46.6	41.1	33.3	24.0	21.6	33.0
	MEAN DAILY MINIMUM	87	14.7	16.3	20.1	27.8	35.8	41.4	45.4	43.7	37.8	31.6	21.4	16.1	29.3
	LOWEST DAILY MINIMUM	41	-20	-10	-6	5	21	31	33	32	25	8	0	-9	-20
	YEAR OF OCCURRENCE		1972	1999	1972	1972	1972	1972	1972	1984	1983	1975	2006	2011	JAN 1972
	MEAN OF EXTREME MINS.	91	3.9	7.1	12.1	20.9	32.7	39.1	43.3	40.4	32.1	22.7	11.9	5.7	22.7
	NORMAL DRY BULB	30	23.7	26.0	30.3	38.1	47.0	53.2	55.4	53.7	47.3	38.4	28.3	26.0	39.0
	MEAN DRY BULB	91	19.7	22.2	27.3	35.1	43.6	49.1	52.6	51.1	44.6	37.2	26.6	21.3	35.9
	MEAN WET BULB	22	22.5	24.2	27.4	34.4	42.4	49.1	52.2	50.7	44.9	36.2	27.5	26.0	36.5
	MEAN DEW POINT	22	16.6	18.1	19.9	28.0	36.9	45.1	49.5	48.0	41.6	30.8	21.4	20.6	31.4
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 70	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	MAXIMUM <= 32	30	18.8	12.7	6.1	0.6	0.0	0.0	0.0	0.0	0.0	0.9	11.1	16.0	66.2
	MINIMUM <= 32	30	29.2	25.7	28.2	15.1	0.7	0.0	0.0	0.0	0.8	11.7	25.9	28.5	165.8
	MINIMUM <= 0	30	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
H/C	NORMAL HEATING DEG. DAYS	30	1280	1092	1076	806	560	353	299	349	530	825	1099	1209	9478
	NORMAL COOLING DEG. DAYS	30	0	0	0	0	0	0	1	0	0	0	0	0	1
RH	NORMAL (PERCENT)	30	74	73	70	72	73	77	82	84	84	75	73	76	76
	HOUR 03 LST	30	75	74	74	81	85	90	93	93	91	77	74	77	82
	HOUR 09 LST	30	74	73	70	71	72	77	83	85	86	76	73	77	76
	HOUR 15 LST	30	72	68	63	61	61	64	70	73	73	67	68	76	68
	HOUR 21 LST	30	74	74	72	75	73	76	83	87	87	75	73	77	77
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	29	0.7	1.1	0.6	0.3	0.1	0.3	2.7	4.0	1.8	1.2	0.9	0.9	14.6
	THUNDERSTORMS	29	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.4	0.2	0.0	0.1	0.9
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	25	6.1	6.1	5.3	5.8	6.0	6.3	6.7	6.1	6.3	6.1	6.0	6.3	6.1
	MIDNIGHT-MIDNIGHT (OKTAS)	27	5.8	5.7	5.2	5.6	6.1	6.4	6.7	6.1	6.2	6.2	5.7	5.9	6.0
	MEAN NO. DAYS WITH:														
	CLEAR	25	5.4	5.2	7.8	5.8	4.1	3.2	2.8	4.1	3.3	4.3	5.3	4.5	55.8
	PARTLY CLOUDY	25	4.2	3.1	4.4	5.7	6.7	6.3	4.6	6.3	4.9	3.7	3.6	2.6	56.1
	CLOUDY	25	21.4	19.9	18.8	18.5	20.2	20.5	22.6	19.5	20.6	22.2	20.1	22.6	246.9
PR	MEAN STATION PRESSURE(IN)	22	29.67	29.74	29.76	29.81	29.89	29.93	29.97	29.91	29.79	29.67	29.63	29.61	29.78
	MEAN SEA-LEVEL PRES. (IN)	22	29.71	29.79	29.80	29.85	29.93	29.97	30.01	29.94	29.83	29.71	29.66	29.65	29.82
WINDS	MEAN SPEED (MPH)	23	7.5	6.9	6.8	5.0	5.7	5.9	4.8	4.2	4.3	6.1	7.5	6.7	6.0
	PREVAIL.DIR(TENS OF DEGS)														
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	29	58	56	48	46	33	35	39	38	46	43	60	54	60
	DIR. (TENS OF DEGS)		36	34	03	00	34	00	19	01	00	34	09	35	09
	YEAR OF OCCURRENCE		1989	1979	2004	1996	2000	1996	2003	1999	1988	2012	2012	1979	NOV 2012
	MAXIMUM 3-SECOND														
	SPEED (MPH)	33	94	94	82	63	63	62	41	64	69	79	97	82	97
	DIR. (TENS OF DEGS)		36	09	04	36	36	36	27	36	04	36	06	04	06
	YEAR OF OCCURRENCE		1980	2001	1995	1996	2006	1999	2007	1999	2003	2009	2012	2007	NOV 2012
PRECIPITATION	NORMAL (IN)	30	6.58	5.79	4.54	3.42	2.88	2.75	4.04	7.30	9.61	8.24	5.64	8.24	69.03
	MAXIMUM MONTHLY (IN)	41	15.18	14.47	9.99	8.11	6.65	6.05	8.96	18.23	26.15	17.31	20.59	17.34	26.15
	YEAR OF OCCURRENCE		2001	1996	1979	1977	1998	1987	1981	1981	2012	2006	1976	1989	SEP 2012
	MINIMUM MONTHLY (IN)	41	0.01	0.06	0.81	0.57	0.70	0.34	1.25	2.04	2.78	2.49	0.42	1.34	0.01
	YEAR OF OCCURRENCE		1974	2007	1983	1981	1996	2007	1993	2007	1973	1990	1975	1983	JAN 1974
	MAXIMUM IN 24 HOURS (IN)	41	3.75	3.05	2.27	2.08	2.23	1.71	1.98	3.42	4.27	4.80	3.42	4.35	4.80
	YEAR OF OCCURRENCE		1981	1996	2008	2002	1994	1989	1981	1981	2012	2006	1992	1999	OCT 2006
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	17.2	15.1	14.3	14.5	15.3	14.8	17.6	18.0	20.4	19.0	15.6	18.0	199.8
	PRECIPITATION >= 1.00	30	1.5	1.4	0.8	0.5	0.2	0.2	0.3	1.9	2.7	2.1	1.4	2.8	15.8
SNOWFALL	NORMAL (IN)	30	67.8	61.3	48.4	21.0	1.9	0.0	0.0	0.0	0.5	10.7	42.8	71.9	326.3
	MAXIMUM MONTHLY (IN)	41	148.5	180.0	113.9	74.2	24.0	0.0	0.0	0.0	6.0	39.0	108.2	137.1	180.0
	YEAR OF OCCURRENCE		1990	1996	1985	1999	2001				1996	1983	1994	1991	FEB 1996
	MAXIMUM IN 24 HOURS (IN)	35	47.5	38.1	41.5	33.3	15.1	0.0	0.0	0.0	5.4	23.6	28.1	37.3	47.5
	YEAR OF OCCURRENCE'		1990	1996	1995	1992	2001				1996	1999	1999	2002	JAN 1990
	MAXIMUM SNOW DEPTH (IN)	36	107	97	104	88	51	0	0	0	2	12	57	60	107
	YEAR OF OCCURRENCE		1990	2012	1990	1990	1977				2004	1982	2010	1994	JAN 1990
	NORMAL NO. DAYS WITH:														
	SNOWFALL >= 1.0	30	11.1	9.5	9.2	4.3	0.4	0.0	0.0	0.0	0.1	2.8	8.5	11.6	57.5

PRECIPITATION (inches) 2012 VALDEZ (PAVW)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1983	3.10	3.24	0.81	7.15	2.06	0.93	6.32	10.53	7.91	14.15	1.94	1.34	59.48
1984	10.55	7.37	3.89	3.06	0.71	3.63	3.99	6.12	5.00	6.01	4.21	6.51	61.05
1985	10.30	5.38	8.20	2.78	4.74	2.09	1.86	7.36	9.98	3.77	2.49	16.87	75.82
1986	7.21	7.34	3.59	1.72	1.86	1.40	5.27	7.64	4.93	8.57	7.15	16.15	72.83
1987	12.42	5.65	1.24	1.63	3.69	6.05	2.84	2.08	10.61	15.33	6.49	8.69	76.72
1988	4.33	9.76	9.52	5.29	2.76	4.04	3.46	12.78	9.31	11.02	2.59	15.11	89.97
1989	6.01	0.57	1.49	5.30	5.99	5.88	3.18	6.66	16.43	9.21	8.06	17.34	86.12
1990	9.51	5.90	7.88	3.08	2.34	3.04	3.14	5.66	16.05	2.49	0.97	7.31	67.37
1991	6.47	6.13	4.50	4.82	4.30	2.02	4.01	5.68	11.07	5.12	3.89	9.58	67.59
1992	9.55	9.01	9.88	2.80	1.88	3.11	3.63	8.96	6.01	10.47	14.25	5.59	85.14
1993	7.06	7.93	2.62	1.57	2.86	1.59	1.25	13.18	16.16	11.90	8.64	10.28	85.04
1994	4.62	2.44	9.81	3.79	6.28	2.58	2.62	3.34	9.94	7.62	7.85	8.41	69.30
1995	5.86	3.23	4.60	2.10	6.29	3.36	4.94	3.04	14.21	3.61	1.41	2.68	55.33
1996	0.23	14.47	3.33	2.49	0.70	2.81	4.91	7.78	6.63	4.70	1.46	1.42	50.93
1997	4.91	8.40	1.33	1.53	3.50	2.94	2.45	13.34	10.55	3.59	7.16	8.45	68.15
1998	2.67	2.77	2.58	6.57	6.65	4.15	3.20	8.07	8.71	7.93	1.71	2.64	57.65
1999	5.14	2.14	4.70	7.27	1.87	2.14	2.78	3.97	11.37	11.89	2.20	16.96	72.43
2000	9.78	6.22	4.71	2.29	2.21	1.32	3.26	3.84	7.58	7.89	7.05	6.20	62.35
2001	15.18	6.87	6.21	5.08	3.61	1.08	6.09	3.85	5.97	7.10	2.68	5.89	69.61
2002	9.00	5.54	1.32	4.22	2.22	3.07	3.36	10.71	8.41	15.40	15.06	5.81	84.12
2003	3.86	14.23	1.70	1.42	3.57	4.43	4.27	8.34	4.76	7.18	4.65	6.60	65.01
2004	3.21	5.28	4.23	3.48	2.23	1.23	3.36	2.58	15.23	8.41	9.56	10.74	69.54
2005	5.50	6.55	8.67	3.96	1.66	1.73	5.29	5.94	9.30	4.00	10.30	12.94	75.84
2006	2.31	7.02	1.73	4.47	2.32	2.63	2.60	14.95	7.94	17.31	0.47	7.16	70.91
2007	8.72	0.06	1.26	2.25	1.83	0.34	3.22	2.04	10.95	5.61	9.29	2.62	48.19
2008	3.40	5.66	7.67	4.10	2.75	1.94	5.83	4.23	9.62	6.62	5.57	4.00	61.39
2009	10.66	2.03	2.07	0.97	0.85	1.35	4.44	9.27	5.13	4.15	4.94	8.76	54.62
2010	2.16	3.69	4.36	4.29	1.49	2.88	5.76	6.12	5.64	6.02	5.31	4.44	52.16
2011	5.11	4.65	1.03	4.17	0.82	1.62	3.23	9.41	7.62	8.36	5.34	16.26	67.62
2012	7.57	8.10	1.20	1.59	4.42	3.18	4.34	5.64	26.15	7.33	1.03	3.50	74.05
POR= 91 YRS	5.60	5.28	4.26	3.14	2.83	2.50	3.96	6.18	9.01	8.03	6.06	6.27	63.12

WBAN : 26442

AVERAGE TEMPERATURE (°F) 2012 VALDEZ (PAVW)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1983	20.7	28.1	31.8	37.3	46.2	53.7	55.2	52.0	45.0	37.9	30.1	24.8	38.6
1984	24.1	26.3	35.1	38.6	47.2	52.6	54.5	54.3	47.8	39.3	27.0	26.1	39.4
1985	32.9	20.1	29.3	32.6	42.4	48.5	53.9	50.9	46.1	34.4	21.7	29.8	36.9
1986	28.0	27.5	27.7	32.1	46.1	52.0	55.3	50.8	48.3	40.6	27.7	31.1	38.9
1987	28.2	30.9	28.8	38.1	45.9	49.4	55.6	55.1	46.6	39.7	33.5	26.8	39.9
1988	25.2	28.1	33.5	38.2	45.6	52.2	54.6	52.5	46.5	38.8	28.3	27.2	39.2
1989	15.7	23.7	30.2	39.6	46.4	52.2	57.8	54.6	48.3	38.1	23.5	30.2	38.4
1990	21.0	15.5	32.6	40.3	47.5	53.9	55.6	54.5	47.7	38.7	22.0	23.6	37.7
1991	23.7	28.8	30.6	39.0	45.6	53.8	53.8	53.8	47.3	39.0	30.4	27.6	39.5
1992	29.4	25.2	29.5	38.4	45.9	53.4	55.3	51.4	43.3	35.6	31.1	23.0	38.5
1993	21.9	28.4	32.2	41.8	50.2	54.4	58.7	54.2	46.1	40.8	30.7	28.7	40.7
1994	24.8	21.2	30.7	39.3	45.3	53.9	55.2	56.4	47.8	39.3	23.9	24.7	38.5
1995	24.3	26.5	26.7	41.6	47.4	53.3	54.4	54.1	49.4	40.5	30.0	23.7	39.3
1996	15.8	24.3	32.8	38.5	49.9	54.8	56.2	53.8	46.4	34.7	25.1	25.2	38.1
1997	22.2	31.9	29.4	40.2	49.4	56.7	57.3	55.4	49.6	37.2	33.2	28.1	40.9
1998	23.6	31.5	32.5	39.2	45.1	53.3	56.0	52.4	48.0	39.0	30.8	24.3	39.6
1999	20.6	18.3	29.2	37.7	46.0	54.3	57.2	55.7	47.1	38.0	28.4	23.7	38.0
2000	21.7	29.4	32.8	38.4	46.8	53.3	54.0	54.7	48.3	38.2	31.9	28.7	39.9
2001	31.3	28.8	31.1	37.6	44.1	54.7	54.2	54.2	47.3	36.1	27.0	21.3	39.0
2002	27.0	26.1	27.5	35.3	47.6	53.5	55.8	53.5	48.6	42.6	37.9	28.2	40.3
2003	28.2	31.1	29.1	40.8	47.9	53.5	57.6	53.6	49.4	41.8	26.8	27.1	40.6
2004	18.6	29.6	29.8	38.7	49.7	56.7	57.2	57.8	45.9	40.1	30.7	27.5	40.2
2005	24.7	26.3	34.1	40.6	49.1	56.0	56.6	55.3	48.7	39.1	25.5	28.7	40.4
2006	20.0	25.1	27.8	36.6	48.0	53.7	54.9	51.7	47.4	38.8	19.8	27.6	37.6
2007	23.2	22.4	20.5	39.4	46.7	53.9	55.7	55.4	48.9	36.7	31.5	25.4	38.3
2008	19.8	22.5	30.2	35.3	45.9	50.2	52.7	52.4	46.3	34.6	28.3	22.3	36.7
2009	19.7	24.0	27.9	38.1	49.2	53.4	57.3	52.9	47.9	41.5	26.1	25.2	38.6
2010	25.4	29.8	32.2	38.3	48.0	52.4	53.1	53.7	47.9	38.7	32.5	20.3	39.4
2011	24.0	23.2	28.0	38.7	48.6	52.9	55.8	52.2	47.2	39.3	22.7	28.5	38.4
2012	16.7	28.5	27.1	40.2	43.5	52.2	53.2	53.9	46.7	37.4	25.2	21.6	37.2
POR= 91 YRS	19.7	22.2	27.3	35.1	43.6	49.1	52.6	51.1	44.6	37.2	26.6	21.3	35.9

HEATING DEGREE DAYS (base 65°F) 2012 VALDEZ (PAVW)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	297	397	595	830	1039	1237	1260	1119	919	787	547	366	9393
1984-85	316	326	510	789	1134	1202	989	1252	1101	967	693	485	9764
1985-86	338	429	561	942	1294	1085	1140	1041	1150	979	577	384	9920
1986-87	295	433	494	752	1112	1046	1134	950	1115	799	589	464	9183
1987-88	295	298	546	778	939	1180	1229	1066	967	798	596	379	9071
1988-89	313	379	548	802	1097	1166	1521	1151	1072	757	569	377	9752
1989-90	219	316	496	829	1236	1072	1357	1378	995	733	534	327	9492
1990-91	288	320	510	805	1282	1277	1271	1009	1058	771	595	329	9515
1991-92	340	343	525	802	1028	1152	1100	1152	1093	792	583	343	9253
1992-93	296	412	644	903	1009	1296	1329	1018	1010	689	453	312	9371
1993-94	199	329	559	744	1022	1116	1238	1217	1058	764	607	327	9180
1994-95	299	261	508	791	1225	1243	1255	1073	1178	697	537	346	9413
1995-96	323	332	462	755	1046	1274	1518	1175	987	786	461	299	9418
1996-97	264	341	553	932	1190	1232	1321	923	1096	736	477	249	9314
1997-98	233	291	454	859	946	1136	1276	935	1002	768	611	347	8858
1998-99	273	383	503	802	1020	1254	1371	1301	1103	813	577	314	9714
1999-00	242	281	530	832	1089	1275	1335	1027	991	792	552	343	9289
2000-01	335	311	495	822	986	1118	1039	1007	1044	816	643	304	8920
2001-02	330	328	521	889	1132	1349	1169	1082	1154	885	533	340	9712
2002-03	279	349	485	690	804	1134	1134	946	1107	720	523	335	8506
2003-04	228	348	458	711	1138	1169	1429	1022	1085	780	470	243	9081
2004-05	235	220	568	763	1021	1154	1240	1079	952	727	487	264	8710
2005-06	252	292	480	796	1179	1121	1389	1113	1146	845	521	352	9486
2006-07	304	406	520	803	1349	1153	1290	1187	1373	759	562	326	10032
2007-08	281	294	477	870	999	1220	1392	1226	1072	881	586	436	9734
2008-09	371	382	552	935	1092	1317	1395	1143	1143	801	484	342	9957
2009-10	234	365	505	726	1159	1395	1223	977	1008	794	520	368	9274
2010-11	363	1223	505	810	1223	1379	1267	1165	1141	784	500	355	10715
2011-12	278	389	525	789	1263	1267	1491	1052	1170	737	662	378	10001
2012-	359	336	543	848	1189	1338							

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COOLING DEGREE DAYS (base 65°F) 2012 VALDEZ (PAVW)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1983	0	0	0	0	0	0	0	1	0	0	0	0	1
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	12	0	0	0	0	0	12
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	1	0	0	0	0	0	1
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	11	3	0	0	0	0	14
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	6	0	0	0	0	0	0	6
1998	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	6	0	0	0	0	0	6
2000	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	2	0	0	0	0	0	0	2
2003	0	0	0	0	0	0	5	1	0	0	0	0	6
2004	0	0	0	0	0	0	1	4	0	0	0	0	5
2005	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	2	0	0	0	0	2
2008	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	2	0	0	0	0	0	2
2010	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0

SNOWFALL (inches) 2012 VALDEZ (PAVW)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	0.0	0.0	0.0	39.0	17.8	24.7	80.5	100.8	15.6	17.6	0.0	0.0	296.0
1984-85	0.0	0.0	0.0	0.5	29.3	60.8	37.9	59.5	113.9	31.1	5.8	0.0	338.8
1985-86	0.0	0.0	0.0	2.4	32.0	55.1	91.9	47.7	50.1	20.7	0.0	0.0	299.9
1986-87	0.0	0.0	0.0	1.2	55.9	95.2	128.0	84.2	10.1	10.1	0.0	0.0	384.7
1987-88	0.0	0.0	0.0	0.8	48.1	85.6	33.4	79.2	86.5	19.9	0.0	0.0	353.5
1988-89	0.0	0.0	0.0	8.6	37.5	110.0	109.6	8.9	22.6	15.6	0.0	0.0	312.8
1989-90	0.0	0.0	0.0	19.2	76.1	123.3	158.5	84.0	79.0	20.6	0.0	0.0	560.7
1990-91	0.0	0.0	0.0	5.1	16.7	91.9	66.5	68.3	69.1	9.5	T	0.0	327.1
1991-92	0.0	0.0	0.0	6.4	59.9	137.1	86.5	85.7	100.2	38.9	1.9	0.0	516.6
1992-93	0.0	0.0	4.6	9.4	57.0	47.7	90.4	85.4	47.6	1.3	0.0	0.0	343.4
1993-94	0.0	0.0	0.0	4.4	75.6	86.5	42.7	13.5	95.6	23.1	0.2	0.0	341.6
1994-95	0.0	0.0	0.0	10.9	108.2	124.5	65.4	17.4	61.6	2.4	6.5	0.0	396.9
1995-96	0.0	0.0	0.0	2.0	5.8	9.3	4.1	180.0	45.5	20.6	0.0	0.0	267.3
1996-97	0.0	0.0	6.0	30.1	22.2	16.6	68.1	59.1	25.1	3.4	0.0	0.0	230.6
1997-98	0.0	0.0	0.0	15.1	35.7	97.1	43.5	35.2	20.0	20.1	10.7	0.0	277.4
1998-99	0.0	0.0	T	1.0	17.0	50.1	86.4	36.3	73.9	74.2	2.1	0.0	341.0
1999-00	0.0	0.0	0.0	34.5	40.0	92.8	116.2	48.2	38.5	5.4	1.4	0.0	377.0
2000-01	0.0	0.0	0.0	22.4	39.9	38.5	107.0	63.6	39.7	56.2	24.0	0.0	391.3
2001-02	0.0	0.0	0.0	26.0	24.1	66.8	80.4	107.4	26.6	41.6	T	0.0	372.9
2002-03	0.0	0.0	0.0	0.2	7.1	76.0	48.4	92.6	22.8	T	3.3	0.0	250.4
2003-04	0.0	0.0	0.0	0.0	33.2	93.2	70.3	56.4	72.4	28.2	0.0	0.0	353.7
2004-05	0.0	0.0	4.0	8.8	69.6	69.8	41.0	72.0	33.4	9.1	0.0	0.0	307.7
2005-06	0.0	0.0	0.0	3.3	74.4	36.8	31.8	34.1	22.7	34.4	T	0.0	237.5
2006-07	0.0	0.0	0.0	4.7	9.4	92.9	142.7	0.6	24.7	0.2	0.0	0.0	275.2
2007-08	0.0	0.0	0.0	3.1	40.7	38.4	59.3	54.5	49.9	25.5	0.0	0.0	271.4
2008-09	0.0	0.0	0.0	17.5	67.5	42.6	52.7	43.9	36.0	6.3	0.0	0.0	266.5
2009-10	0.0	0.0	0.0	0.0	64.4	52.7	47.9	39.0	48.1	24.8	0.0	0.0	276.9
2010-11	0.0	0.0	T	6.2	3.7	73.1	42.7	51.2	6.4	32.2	0.0	0.0	215.5
2011-12	0.0	0.0	0.0	5.0	66.4	42.7	104.9	75.4	28.6	5.1	0.7	0.0	328.8
2012-	0.0	0.0	0.0	1.6	18.9	42.2							
POR= 72 YRS	0.0	0.0	0.3	9.1	35.3	58.3	58.7	53.3	41.4	17.2	1.8	0.1	275.5

WBAN : 26442

REFERENCE NOTES :

PAGE 1:
THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).
PAGE 2 AND 3:
H/C INDICATES HEATING AND COOLING DEGREE DAYS.
RH INDICATES RELATIVE HUMIDITY
W/O INDICATES WEATHER AND OBSTRUCTIONS
S INDICATES SUNSHINE.
PR INDICATES PRESSURE.
CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).
GENERAL:
T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.
+ INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.
ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.
PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.
POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING.
WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.
0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.
CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET
CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.
GENERAL CONTINUED:
WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.
RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.
AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.
SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.
A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F.
DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.
DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.
WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.
ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.
STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED SATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS:
http://www.ncdc.noaa.gov/homr/
SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.

NOTE:

The "Period of Record:(POR)" for all "averages" is based on "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.

The 2012 Annual Publications were reproduced on 6/05/13 to correct two problems that occurred when the Publications were first produced on 02/28/13.

1) A small number of stations did not correctly show number of days with thunderstorms and heavy fog.
2) Climate Normals in the Annual Publications were based on a first edition of the 1981-2010 Normals release. With the release of Service Pack 1 (SP1) new normals for 83 stations are available and now included. Additional information on SP1 is available at: http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/status.txt.

2012
VALDEZ
ALASKA (PAVW)

Valdez is located on the Valdez Arm, a rather well sheltered extension of Prince William Sound. Snow-capped mountains, containing extensive glacier areas, extend almost continuously from southeast of Valdez through north to west-southwest, with rugged but normally unglaciated mountains to the south and southwest. Active glaciers extend to within 5 to 10 miles of Valdez to the north and reach down to the level of the glacial plain on which Valdez is located. This level glacial plain is for the most part a well forested area except for the tidal marshes east and the glacial drainage area further east.

The terrain surrounding Valdez exerts a pronounced influence on practically all aspects of the local weather and climate. The effects of the surrounding mountains are to channel the local winds. From October through April the prevailing direction is northeast, and from May through September the prevailing direction is from the southwest. During the winter, high pressure in the interior and low pressure in the gulf may cause east to north winds of about 100 knots to flow out of passes and river canyons.

Precipitation is abundant the year around, but builds up noticeably during late summer and fall. The heaviest precipitation usually occurs in September and October, and almost one-third of the total annual rainfall occurs in these two months. Snowfall during the winter months is very heavy.

There is considerable cloudiness during the entire year, but slightly less than is realized at Alaskan points farther southeast.

Although the high mountain ridges to the north provide a considerable barrier to the flow of cold, continental air from the interior during the winter months, there is a definite offsetting factor in the downslope drainage from the snowfields and glacier areas on the southern slopes of these mountains. The coldest temperatures realized at Valdez appear to be related to the downslope flow of cold air, although temperatures only rarely dip below zero. The nearby snow and ice fields combine with the ocean areas to provide a moderating effect on the summertime high temperatures which have seldom reached the middle 80s. Considerable variations occur in practically all weather elements within relatively short distances.

The growing season averages slightly over 100 days, extending from May 26 to September 12. In addition, the glacier nature of the plain, the ruggedness of other surrounding terrain, and the cold water runoff from glacier melt tends to keep most available agricultural soil at temperatures too cool for desirable vegetation development during the growing season.

Station History

VALDEZ, AK

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
VALDEZ WSO	1975-01-08	1977-03-16	61° 7'	-146° 21'	23		COOP,WXSVC
VALDEZ WSO	1985-04-29	2005-07-14	61° 7'	-146° 21'	23		COOP,WXSVC
VALDEZ WSO	2005-07-14	2007-01-11	61° 7'	-146° 21'	26	.2 MI N	COOP,UNKNOWN,WXSVC
VALDEZ WSO	2010-10-21	Present	61° 7'	-146° 21'	95		COOP,UNKNOWN,WXSVC
VALDEZ MUNICIPAL AP	1964-05-16	1969-12-11	61° 7'	-146° 15'	60	1.1 MI NE	AIRWAYS,COOP
VALDEZ WSO	1973-10-01	1975-01-07	61° 7'	-146° 21'	28	100 FT S	COOP,WXSVC
VALDEZ WSO	1972-10-11	1973-10-01	61° 7'	-146° 21'	87	3.25 MI E	COOP,WXSVC
VALDEZ WSO	1975-01-07	1975-01-08	61° 7'	-146° 21'	23	.25 MI SE	COOP,WXSVC
VALDEZ WSO	1977-03-16	1985-04-29	61° 7'	-146° 21'	37	.25 MI WSW	COOP,WXSVC
VALDEZ MUNICIPAL AP	1971-02-04	1972-10-11	61° 7'	-146° 15'	60		AIRWAYS,COOP
VALDEZ WSO	2007-01-11	2010-10-21	61° 7'	-146° 21'	35		COOP,UNKNOWN,WXSVC

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1964-05-16	1969-12-11	DAILY	1600	SRG		
SNOWWTREQ	2010-10-21	Present	DAILY	0800	FEDERAL		
PRECIP	1971-02-04	1972-10-11	DAILY	0745	SRG		
TEMP	2005-07-14	2007-01-11	DAILY	2400	MXMN		
TEMP	1972-10-11	2005-07-14	DAILY	2400	HTG		
PRECIP	1972-10-11	2005-07-14	DAILY	2400	SRG		
SNOWWTREQ	2007-01-11	2010-10-21	DAILY	0800	FEDERAL		
PRECIP	2007-01-11	2010-10-21	DAILY	2400	SRG		
PRECIP	2010-10-21	Present	DAILY	2200	SRG		
TEMP	1971-02-04	1972-10-11	DAILY	0745	MXMN		
PRECIP	2005-07-14	2007-01-11	DAILY	VAR			
TEMP	2007-01-11	2010-10-21	DAILY	2400	MXMN		
TEMP	1964-05-16	1969-12-11	DAILY	1600	MXMN		
SNOWDPTH	2005-07-14	2007-01-11	DAILY	2400	SNOWSTAKE		
PRECIP	2005-07-14	2007-01-11	DAILY	2400			
SNOWDPTH	2010-10-21	Present	DAILY	2200	SNOWSTAKE		
SNOWDPTH	2007-01-11	2010-10-21	DAILY	2400	SNOWSTAKE		
TEMP	2010-10-21	Present	DAILY	2200	MXMN		

* For explanation of codes and abbrevitions see Station Metadata link below.

Other Station Information can be found at:
ASOS Implementation by NWS: http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm
Station Metadata website: http://www.ncdc.noaa.gov/homr

INQUIRES/COMMENTS CALL: (828) 271-4800, option 2
Fax Number : (828) 271-4876
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