

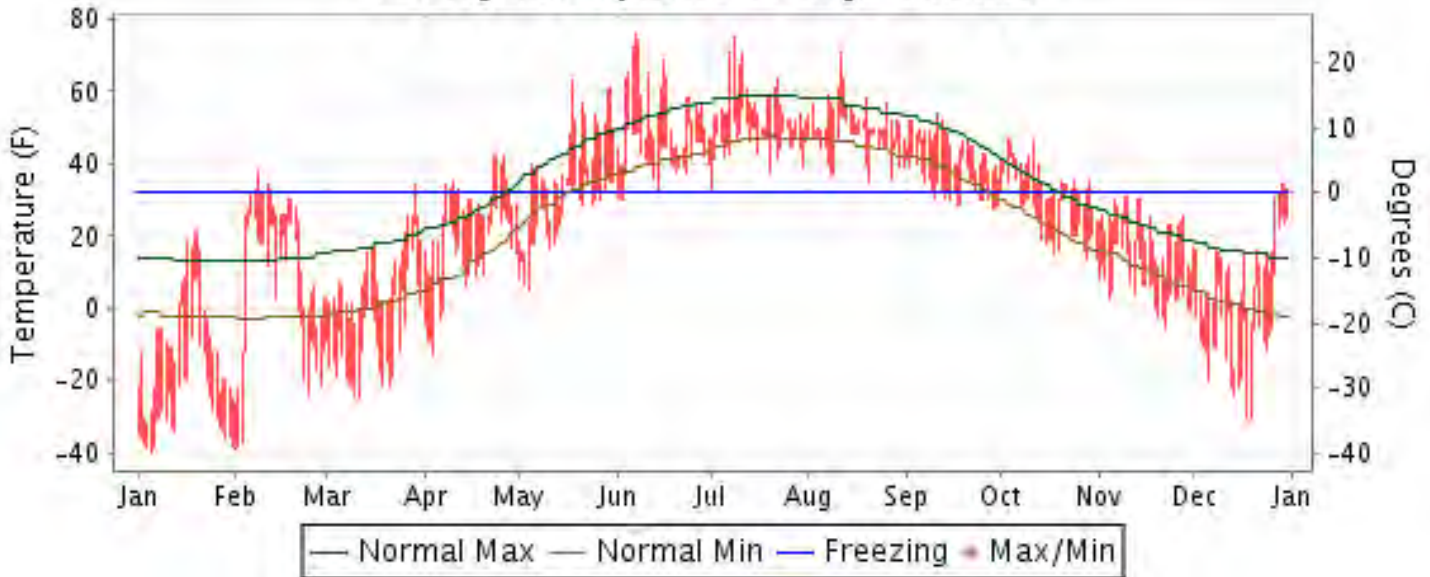


# 2012 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

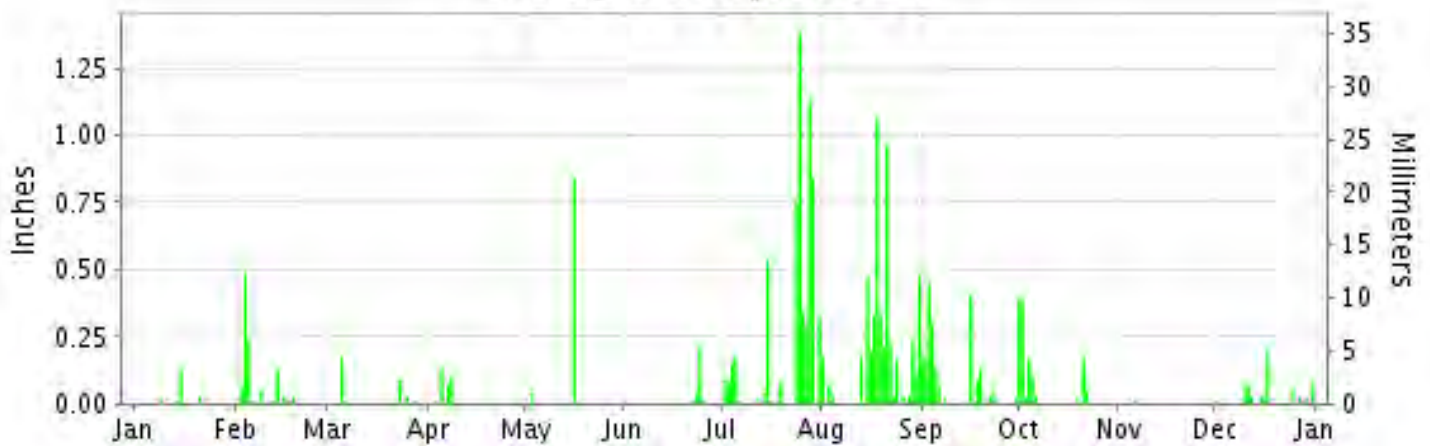
ISSN 0198-0505

## NOME, ALASKA (PAOM)

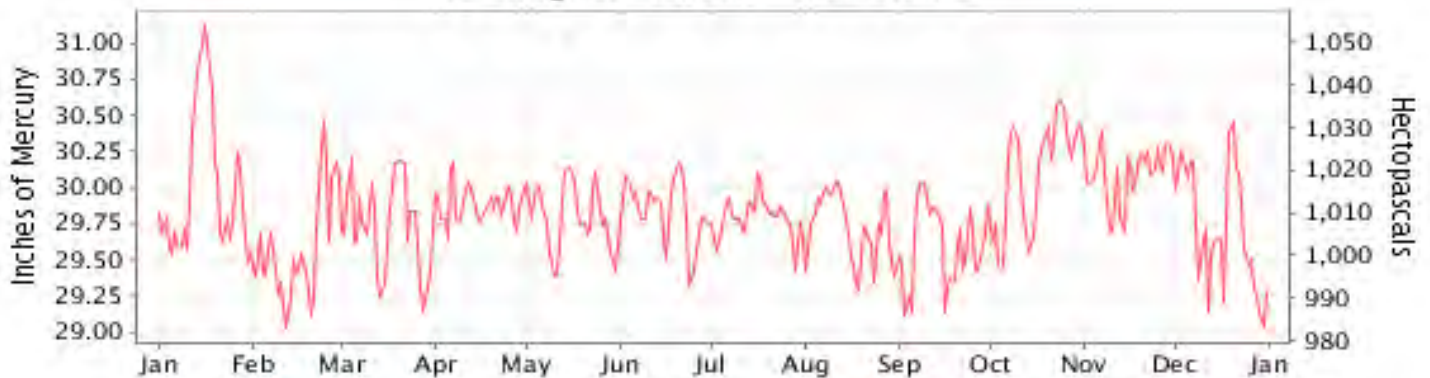
### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

NATIONAL  
OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

NATIONAL  
ENVIRONMENTAL SATELLITE, DATA  
AND INFORMATION SERVICE

NATIONAL  
CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2012

## NOME (PAOM)

LATITUDE: 64° 30'N      LONGITUDE: 165° 26'W      ELEVATION (FT): GRND: 13 BARO: 18      TIME ZONE: ALASKA (UTC -9)      WBAN: 26617

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	-8.0	16.7	9.4	28.0	40.6	54.7	56.5	53.5	45.2	35.8	21.8	11.8	30.5	
	HIGHEST DAILY MAXIMUM	21	38	34	43	63	76	75	71	54	47	31	34	76	
	DATE OF OCCURRENCE	20+	08	29	24	18	07	08	11	11	03	10+	30+	JUN 07	
	MEAN DAILY MINIMUM	-25.3	2.1	-8.4	12.8	25.7	41.1	45.7	45.0	34.2	25.4	7.0	-5.2	16.7	
	LOWEST DAILY MINIMUM	-40	-39	-25	-13	5	30	33	35	27	14	-6	-30	-40	
	DATE OF OCCURRENCE	05	01	11	04	04	03+	01	20	28	31+	22	19+	JAN 05	
	AVERAGE DRY BULB	-16.5	9.4	0.5	20.4	33.2	47.9	51.1	49.3	39.7	30.6	14.4	3.3	23.6	
	MEAN WET BULB			0.2	19.7	30.4	44.0	48.7	47.5	37.2	28.8	13.0	3.1		
	MEAN DEW POINT			-5.7	16.6	25.8	40.3	45.8	45.8	33.2	24.8	5.6	-2.4		
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 70	0	0	0	0	0	3	3	1	0	0	0	0	0	7
	MAXIMUM <= 32°	31	25	30	20	6	0	0	0	0	8	30	28	178	
MINIMUM <= 32°	31	29	31	30	22	3	0	0	13	26	30	31	246		
MINIMUM <= 0°	28	13	24	6	0	0	0	0	0	0	6	23	100		
H/C	HEATING DEGREE DAYS	2525	1607	1992	1328	982	502	421	484	749	1058	1511	1908	15067	
	COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	
RH	MEAN (PERCENT)	70	77	72	83	76	78	82	88	79	80	67	73	77	
	HOUR 03 LST	70	77	73	88	85	83	87	92	85	82	68	72	80	
	HOUR 09 LST	69	77	74	84	72	77	81	88	82	82	67	74	77	
	HOUR 15 LST	68	75	68	78	71	74	79	85	71	75	63	73	73	
	HOUR 21 LST	72	79	74	85	74	76	77	87	82	81	69	72	77	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	1	1	0	0	1	7	2	0	0	4	0	0	16	
	THUNDERSTORMS	0	0	0	0	0	0	0	0	0	0	0	0	0	
PR	MEAN STATION PRESS. (IN.)	30.00	29.57	29.72	29.89	29.80	29.84	29.79	29.72	29.60	30.10	30.10	29.72	29.82	
	MEAN SEA-LEVEL PRESS. (IN.)	30.02	29.59	29.75	29.92	29.83	29.86	29.81	29.74	29.62	30.13	30.13	29.75	29.85	
WINDS	RESULTANT SPEED (MPH)	3.0	7.8	4.7	1.5	1.0	4.4	3.5	5.3	3.8	2.7	4.1	5.3	1.5	
	RES. DIR. (TENS OF DEGS.)	01	05	02	09	26	25	19	20	35	05	03	04	04	
	MEAN SPEED (MPH)	4.4	10.9	6.1	5.4	5.8	7.7	9.5	8.1	8.4	9.4	5.4	6.5	7.3	
	PREVAIL.DIR.(TENS OF DEGS.)	01	04	36	09	23	26	26	18	35	32	03	09	26	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	44	39	29	35	22	29	26	38	38	37	36	36	44	
	DIR. (TENS OF DEGS.)	34	09	02	09	28	26	14	24	01	11	04	02	34	
	DATE OF OCCURRENCE	21	04	29	08	26	12	25	24	26	05	14	30	JAN 21	
	MAXIMUM 3-SECOND WIND:														
	SPEED (MPH)	54	49	36	43	28	35	32	44	49	49	47	45	54	
DIR. (TENS OF DEGS.)	34	07	04	10	13	26	13	24	36	12	05	03	34		
DATE OF OCCURRENCE	21	04	27	08	16	12	25	24	26	05	14	30	JAN 21		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	0.19	1.08	0.32	0.33	0.88	0.28	6.27	5.35	2.07	1.36	0.02	0.62	18.77	
	GREATEST 24-HOUR (IN.)	0.14	0.60	0.18	0.17	0.84	0.22	1.81	1.13	0.51	0.60	0.02	0.22	1.81	
	DATE OF OCCURRENCE	14-15	04-05	05	07-08	16	24-25	28-29	17-18	02-03	01-02	06	16-17	JUL 28-29	
	NUMBER OF DAYS WITH:														
PRECIPITATION 0.01	4	13	5	4	2	5	18	19	15	9	1	12	107		
PRECIPITATION 0.10	1	3	1	2	1	1	10	14	7	5	0	1	46		
PRECIPITATION 1.00	0	0	0	0	0	0	2	1	0	0	0	0	3		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)	3.7	19.0	6.6	6.4	0.9	0.0	0.0	0.0	0.3	2.1	0.2	14.7	53.9	
	GREATEST 24-HOUR (IN.)	2.8	9.9	2.6	2.9	0.9	0.0	0.0	0.0	0.2	1.6	0.2	6.0	9.9	
	DATE OF OCCURRENCE	15	04	05	05	03				30	21	06	17	FEB 04	
	MAXIMUM SNOW DEPTH (IN.)	23	30	26	32	11	0	0	0	0	1	1	15	32	
	DATE OF OCCURRENCE	16+	20+	31+	08	01					31+	13+	31	APR 08	
	NUMBER OF DAYS WITH:														
SNOWFALL >= 1.0	1	4	3	3	0	0	0	0	0	1	0	5	17		

# NORMALS, MEANS, AND EXTREMES NOME (PAOM)

LATITUDE: 64° 30'N
LONGITUDE: 165° 26'W
ELEVATION (FT): GRND: 13 BARO: 18
TIME ZONE: ALASKA (UTC -9)
WBAN: 26617

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
<b>TEMPERATURE °F</b>	NORMAL DAILY MAXIMUM	30	13.1	15.4	18.5	27.5	43.1	54.9	58.2	55.9	48.7	34.5	23.1	16.8	34.1
	MEAN DAILY MAXIMUM	88	12.8	13.2	16.8	26.0	42.0	52.5	56.9	55.4	47.9	34.0	22.3	13.9	32.8
	HIGHEST DAILY MAXIMUM	66	43	48	43	51	78	83	86	81	71	59	47	43	86
	YEAR OF OCCURRENCE		1977	1986	1984	1988	1981	2004	1977	2005	1979	1954	2002	1969	JUL 1977
	MEAN OF EXTREME MAXS.	88	33.7	33.7	34.3	40.9	60.5	70.7	73.0	68.4	59.4	46.1	36.6	33.1	49.2
	NORMAL DAILY MINIMUM	30	-2.8	-0.5	2.1	13.5	30.5	40.7	46.2	44.3	36.9	23.0	10.7	2.2	20.6
	MEAN DAILY MINIMUM	88	-1.7	-1.8	0.3	11.0	29.2	38.7	44.9	43.7	36.0	22.8	10.0	-0.0	19.4
	LOWEST DAILY MINIMUM	66	-54	-42	-46	-30	-11	23	30	26	9	-10	-39	-41	-54
	YEAR OF OCCURRENCE		1989	1978	1971	1968	1949	1974	1994	1994	1992	1966	1948	1961	JAN 1989
	MEAN OF EXTREME MINS.	88	-26.3	-26.3	-23.3	-11.9	14.4	29.8	36.1	32.7	23.7	5.7	-11.3	-23.3	1.7
	NORMAL DRY BULB	30	5.2	7.4	10.3	20.5	36.8	47.8	52.2	50.1	42.8	28.7	16.9	9.5	27.4
	MEAN DRY BULB	88	5.5	5.7	8.6	18.5	35.6	45.8	50.9	49.6	41.9	28.4	16.2	7.0	26.1
	MEAN WET BULB	28	3.7	7.2	7.2	18.4	32.5	43.3	48.4	47.1	39.7	26.4	14.2	7.2	24.6
	MEAN DEW POINT	28	0.8	2.4	4.4	15.7	30.3	40.7	46.9	45.8	37.7	24.1	11.8	4.7	22.1
	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	27.7	24.3	26.8	17.9	2.9	0.0	0.0	0.0	0.1	11.4	23.7	27.1	161.9
	MINIMUM <= 32	30	30.7	27.6	30.8	27.8	17.5	1.9	0.1	1.0	8.6	24.4	29.0	30.5	229.9
MINIMUM <= 0	30	17.1	14.4	14.0	6.2	0.2	0.0	0.0	0.0	0.0	0.2	6.1	13.9	72.1	
<b>H/C</b>	NORMAL HEATING DEG. DAYS	30	1855	1611	1696	1335	874	517	398	462	666	1124	1443	1720	13701
	NORMAL COOLING DEG. DAYS	30	0	0	0	0	0	1	2	0	0	0	0	0	3
<b>RH</b>	NORMAL (PERCENT)	30	74	72	71	74	75	74	80	82	77	76	76	74	75
	HOURLY 03 LST	30	74	73	73	77	81	82	87	87	82	79	77	75	79
	HOURLY 09 LST	30	74	74	73	74	75	73	80	83	79	80	77	74	76
	HOURLY 15 LST	30	74	71	69	72	72	70	76	78	70	70	74	74	73
	HOURLY 21 LST	30	74	73	73	75	74	70	77	81	79	78	77	75	76
<b>S</b>	PERCENT POSSIBLE SUNSHINE	40	40	55	54	54	50	43	37	32	36	35	31	34	42
<b>W/O</b>	MEAN NO. DAYS WITH: HEAVY FOG (VISIBY <= 1/4 MI)	49	1.6	1.6	1.4	1.5	2.7	3.3	2.4	1.1	0.3	0.6	1.3	1.4	19.2
	THUNDERSTORMS	64	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.7
<b>CLOUDINESS</b>	MEAN: SUNRISE-SUNSET (OKTAS)	52	5.0	4.3	4.5	4.9	5.3	5.4	6.1	6.5	5.9	5.5	5.3	5.0	5.3
	MIDNIGHT-MIDNIGHT (OKTAS)	34	4.5	4.0	4.1	4.6	5.2	5.4	6.0	6.2	5.7	5.0	5.1	4.6	5.0
	MEAN NO. DAYS WITH: CLEAR	52	10.0	11.4	11.2	9.1	7.1	5.8	3.7	2.7	4.5	6.9	7.4	9.8	89.6
	PARTLY CLOUDY	52	4.4	3.8	5.2	6.4	7.6	9.0	6.8	5.7	5.5	5.6	4.2	3.9	68.1
	CLOUDY	52	16.6	13.1	14.6	14.5	16.5	15.3	19.8	22.0	19.4	18.0	18.0	16.7	204.5
<b>PR</b>	MEAN STATION PRESSURE (IN)	29	29.75	29.79	29.84	29.83	29.83	29.85	29.85	29.80	29.70	29.70	29.69	29.64	29.77
	MEAN SEA-LEVEL PRES. (IN)	29	29.78	29.81	29.87	29.86	29.89	29.87	29.88	29.82	29.72	29.72	29.72	29.67	29.80
<b>WINDS</b>	MEAN SPEED (MPH)	29	9.0	10.3	8.9	8.9	8.8	8.8	9.1	9.7	10.0	9.1	10.1	10.0	9.4
	PREVAIL. DIR. (TENS OF DEGS)	32	08	08	08	08	26	26	26	26	36	07	08	08	08
	MAXIMUM 2-MINUTE: SPEED (MPH)	14	49	47	45	43	33	32	35	38	47	48	58	45	58
	DIR. (TENS OF DEGS)		28	10	04	07	02	11	18	24	21	21	10	09	10
	YEAR OF OCCURRENCE		2008	2006	2005	2011	2006	2011	2009	2012	2005	2004	2011	2011	NOV 2011
	MAXIMUM 3-SECOND SPEED (MPH)	14	56	56	51	55	40	40	43	44	56	59	66	54	66
	DIR. (TENS OF DEGS)		28	09	36	07	36	12	14	24	20	20	13	06	13
	YEAR OF OCCURRENCE		2008	2006	2007	2011	2001	2003	2011	2012	2005	2004	2011	2007	NOV 2011
<b>PRECIPITATION</b>	NORMAL (IN)	30	0.94	0.93	0.65	0.76	0.86	0.98	2.11	3.22	2.45	1.61	1.22	1.08	16.81
	MAXIMUM MONTHLY (IN)	66	2.43	2.11	1.95	2.15	2.95	4.15	6.27	8.58	7.46	3.84	4.39	2.16	8.58
	YEAR OF OCCURRENCE		2000	1989	1954	1961	2004	1978	2012	1998	1986	1972	1979	1951	AUG 1998
	MINIMUM MONTHLY (IN)	66	T	T	T	0.01	0.04	0.04	0.25	0.40	0.06	T	0.02	0.03	0.01
	YEAR OF OCCURRENCE		1970	1979	1971	1992	1994	1964	1964	1971	2008	1974	2012	1956	APR 1992
	MAXIMUM IN 24 HOURS (IN)	66	1.23	0.77	0.68	0.75	1.01	2.03	1.81	2.99	1.49	2.28	1.15	1.09	2.99
	YEAR OF OCCURRENCE		1963	1975	2009	1995	1996	1953	2012	1976	1978	1957	1994	1951	AUG 1976
	NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01	30	10.7	9.5	8.6	8.5	8.6	8.5	12.2	15.5	14.9	12.1	11.5	11.9	132.5
	PRECIPITATION >= 1.00	30	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.5
	<b>SNOWFALL</b>	NORMAL (IN)	30	12.7	12.2	8.9	7.5	2.3	0.3	0.0	0.0	0.6	4.6	12.1	14.5
MAXIMUM MONTHLY (IN)		66	39.8	35.1	29.0	23.3	10.0	2.8	0.0	0.1	3.5	20.1	30.9	29.7	39.8
YEAR OF OCCURRENCE			2007	2009	2009	1961	1977	2008		1965	1992	1996	1994	1994	JAN 2007
MAXIMUM IN 24 HOURS (IN)		66	10.4	9.9	15.5	7.1	5.3	1.7	0.0	0.1	2.6	6.7	8.7	14.0	15.5
YEAR OF OCCURRENCE			1999	2012	2009	1997	1952	1982		1965	1948	1996	1979	1997	MAR 2009
MAXIMUM SNOW DEPTH (IN)		63	60	67	78	72	37	3	0	0	2	9	26	46	78
YEAR OF OCCURRENCE			1995	1949	2009	2009	1949	1952			1993	1948	1948	1994	MAR 2009
NORMAL NO. DAYS WITH: SNOWFALL >= 1.0		30	4.2	4.2	2.6	2.8	0.8	0.1	0.0	0.0	0.2	1.5	4.2	4.9	25.5

**PRECIPITATION (inches) 2012 NOME (PAOM)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1983	0.22	0.07	0.12	1.18	0.51	0.31	1.47	3.34	2.25	1.87	1.64	1.11	14.09
1984	0.61	0.01	0.22	0.87	0.45	0.80	3.30	4.45	1.58	0.92	0.40	1.31	14.92
1985	0.61	0.56	1.55	0.07	1.12	1.38	1.12	3.90	4.81	3.71	1.12	1.29	21.24
1986	0.40	0.66	0.03	0.51	0.31	0.24	2.84	2.76	7.46	0.35	1.09	1.17	17.82
1987	0.95	0.56	0.49	0.11	0.37	0.60	0.97	1.91	2.42	1.83	0.65	1.17	12.03
1988	0.45	1.41	0.86	0.29	0.97	1.41	0.32	4.12		0.28	0.44	1.39	
1989	0.84	2.11	0.39	1.73	2.02	0.29	4.66	3.29	2.26	1.23	1.20	0.72	20.74
1990	0.89	0.52	0.70	1.09	2.00	1.17	4.66	4.30	1.86	2.35	1.56	1.28	22.38
1991	1.13	0.43	0.55	0.64	0.35	2.28	2.44	0.75	2.69	2.31	0.14	0.46	14.17
1992	0.37	0.53	1.18	0.01	0.23	0.42	0.61	3.94	1.75	1.51	0.95	1.29	12.79
1993	1.14	1.14	1.68	0.18	0.52	0.39	0.92	3.15	2.57	2.78	2.83	1.88	19.18
1994	0.50	0.76	1.21	0.29	0.04	0.14	2.28	7.79	1.90	1.50	1.94	1.87	20.22
1995	1.52	1.47	0.49	1.67	0.84	0.90	1.18	1.86	1.59	2.97	0.39	0.58	15.46
1996	0.89	2.01	0.40	0.07	2.32	0.75	1.89	3.46	.90	1.68	1.26	.64	16.27
1997	1.14	0.75	0.14	0.85	1.17	0.06	2.25	4.46	2.09	0.98	3.33	1.16	18.38
1998	1.04	0.19	1.78	1.64	2.78	2.34	0.90	8.58	3.48	1.92	1.21	1.04	26.90
1999	1.41	0.75	0.12	0.97	0.12	0.63	4.78	1.85	3.42	0.65	0.32	0.21	15.23
2000	2.43	1.17	0.21	0.11	0.56	0.19	3.39	4.36	3.06	1.40	2.14	1.44	20.46
2001	1.36	1.33	0.12	1.71	0.45	1.17	2.15	3.16	0.73	0.65	0.03	0.57	13.43
2002	1.42	1.36	0.49	1.50	0.54	0.30	1.52	0.62	2.97	1.45	0.82	0.98	13.97
2003	0.45	0.95	0.55	1.10	0.42	1.52	2.04	3.98	0.88	1.51	3.01	1.21	17.62
2004	0.26	0.36	0.56	0.31	2.95	1.26	1.21	4.56	0.62	2.75	1.37	1.45	17.66
2005	0.26	1.24	0.61	0.32	1.06	0.86	1.63	2.92	4.85	1.61	0.45	0.72	16.53
2006	0.18	1.54	0.78	0.39	0.44	2.08	2.43	1.48	3.57	3.24	1.09	0.27	17.49
2007	1.69	0.08	0.18	0.40	0.08	1.62	0.74	2.00	3.84	0.91	1.33	1.43	14.30
2008	1.87	0.37	0.83	0.95	0.59	1.13	3.09	0.56	0.06	0.11	0.37	1.00	10.93
2009	0.79	1.79	1.26	1.20	0.39	1.66	1.32	2.41	0.97	0.91	0.97	0.94	14.61
2010	0.16	0.51	0.16	0.72	0.27	1.16	2.14	2.26	2.09	1.70	1.48	1.46	14.11
2011	1.16	1.23	0.24	0.64	0.58	0.86	4.27	4.36	0.90	1.55	0.49	2.15	18.43
2012	0.19	1.08	0.32	0.33	0.88	0.28	6.27	5.35	2.07	1.36	0.02	0.62	18.77
POR= 86 YRS	0.94	0.76	0.67	0.66	0.70	1.14	2.41	3.26	2.49	1.38	1.04	0.94	16.39

WBAN : 26617

**AVERAGE TEMPERATURE (°F) 2012 NOME (PAOM)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1983	2.7	11.1	16.9	25.0	43.8	49.2	56.2	47.6	40.3	26.7	22.0	20.9	30.2
1984	2.0	-14.2	18.3	12.4	31.1	49.7	51.1	44.9	45.0	29.5	16.0	12.0	24.8
1985	24.4	-0.6	5.8	1.3	31.8	41.1	51.5	50.9	40.8	25.8	20.7	24.3	26.5
1986	5.2	14.5	6.3	12.1	33.6	51.9	52.6	48.6	41.9	28.0	21.0	19.4	27.9
1987	6.1	10.5	16.8	18.5	36.9	49.1	53.0	52.1	38.8	33.2	11.8	4.6	27.6
1988	13.6	7.6	6.5	23.0	43.2	47.9	53.0	51.4		25.6	7.9	8.4	
1989	-15.2	22.5	13.2	24.7	31.4	46.8	49.8	50.6	46.3	30.1	9.7	12.5	26.9
1990	2.4	-17.3	10.8	26.0	40.0	47.2	56.0	54.4	40.3	30.4	14.6	3.8	25.7
1991	6.9	5.9	8.6	25.0	38.8	51.1	55.1	51.6	48.0	33.3	17.3	0.1	28.5
1992	8.3	-0.1	5.2	21.7	27.5	47.7	52.0	48.3	33.7	23.7	12.8	4.1	23.7
1993	-4.6	14.8	13.2	27.6	40.2	51.8	56.2	49.9	38.9	32.5	21.6	15.3	29.8
1994	5.0	12.3	3.3	19.5	42.3	47.8	50.6	48.6	42.4	23.8	8.5	3.7	25.7
1995	8.0	11.1	4.9	25.7	41.6	43.0	49.7	50.0	47.7	29.3	15.7	15.1	28.5
1996	4.5	3.9	17.3	21.4	38.5	44.1	52.6	47.8	39.7	21.8	18.9	8.8	26.6
1997	5.2	13.4	4.7	26.7	40.2	48.3	51.1	51.8	48.4	25.6	23.2	.6	28.3
1998	2.9	8.6	21.2	26.0	35.3	47.4	53.5	46.0	41.8	31.6	20.9	5.6	28.4
1999	-1.9	-1.9	4.2	17.1	31.3	47.6	48.8	49.2	43.8	25.1	11.6	-9.4	22.1
2000	.8	21.4	16.2	21.3	31.9	48.9	50.1	47.7	39.4	29.5	23.3	23.9	29.5
2001	16.5	18.5	7.6	21.9	27.4	44.7	48.3	48.1	42.3	22.9	13.7	-3.5	25.7
2002	1.7	11.0	20.0	20.0	38.9	48.8	52.0	47.8	42.5	34.8	26.2	16.6	30.0
2003	13.1	11.3	8.0	26.2	35.7	52.7	49.0	50.3	41.9	32.3	21.1	6.2	29.0
2004	5.0	7.9	9.7	29.0	40.5	52.2	55.7	55.7	40.0	34.7	23.2	11.3	30.4
2005	11.6	3.3	15.1	15.4	40.7	50.1	52.5	52.9	45.2	29.2	10.6	11.5	28.2
2006	-7.1	11.6	7.3	12.4	35.7	42.5	49.9	48.3	45.2	36.1	20.7	5.3	25.7
2007	6.3	12.3	0.2	26.9	38.5	47.8	55.5	54.5	47.8	28.8	21.6	11.4	29.3
2008	-0.6	-3.6	9.0	15.1	36.4	44.5	49.6	49.7	45.2	22.0	9.1	12.5	24.1
2009	0.9	1.7	5.3	16.6	34.7	47.0	54.5	49.5	42.2	30.5	8.5	15.0	25.5
2010	1.6	6.7	1.3	20.0	38.9	44.2	52.1	51.3	46.5	31.9	19.2	4.8	26.5
2011	15.0	6.2	10.3	17.9	38.4	49.2	48.6	48.1	45.2	28.0	7.4	6.5	26.7
2012	-16.5	9.4	0.5	20.4	33.2	47.9	51.1	49.3	39.7	30.6	14.4	3.3	23.6
POR= 88 YRS	5.5	5.7	8.6	18.5	35.6	45.8	50.9	49.6	41.9	28.4	16.2	7.0	26.1

**HEATING DEGREE DAYS (base 65°F) 2012 NOME (PAOM)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	267	533	734	1179	1287	1362	1956	2305	1445	1575	1043	455	14141
1984-85	422	617	593	1094	1463	1640	1251	1840	1834	1910	1023	711	14398
1985-86	424	433	717	1207	1325	1254	1855	1412	1816	1583	963	392	13381
1986-87	379	503	687	1142	1310	1410	1823	1521	1490	1389	863	467	12984
1987-88	364	392	780	978	1592	1876	1588	1665	1813	1256	670	506	13480
1988-89	363	415		1212	1711	1751	2488	1183	1601	1206	1030	539	
1989-90	466	443	558	1074	1654	1623	1940	2308	1679	1164	768	527	14204
1990-91	284	320	734	1066	1508	1897	1797	1654	1743	1198	804	410	13415
1991-92	301	407	504	975	1423	2014	1753	1887	1850	1295	1154	513	14076
1992-93	398	510	934	1272	1560	1886	2159	1404	1599	1115	764	390	13991
1993-94	284	461	774	999	1298	1536	1860	1473	1915	1358	695	511	13164
1994-95	443	503	670	1270	1690	1901	1764	1507	1863	1173	718	654	14156
1995-96	467	459	512	1101	1470	1543	1876	1772	1473	1304	815	619	13411
1996-97	379	526	751	1333	1375	1735	1850	1439	1865	1139	760	496	13648
1997-98	426	401	493	1215	1248	1990	1917	1571	1351	1160	916	522	13210
1998-99	353	580	688	1025	1317	1834	2069	1865	1878	1427	1035	517	14588
1999-00	494	481	626	1230	1598	2301	1985	1259	1504	1304	1018	474	14274
2000-01	455	533	761	1095	1244	1267	1494	1295	1770	1285	1157	602	12958
2001-02	508	517	674	1295	1532	2115	1957	1506	1389	1343	805	479	14120
2002-03	396	524	668	931	1157	1493	1601	1499	1759	1157	901	361	12447
2003-04	490	450	688	1003	1313	1814	1850	1649	1706	1072	751	384	13170
2004-05	281	284	744	932	1247	1659	1647	1725	1539	1480	744	441	12723
2005-06	384	380	588	1101	1625	1649	2230	1488	1782	1570	900	668	14365
2006-07	462	508	585	890	1321	1845	1814	1469	2000	1134	814	510	13352
2007-08	294	320	510	1112	1293	1653	2031	1986	1731	1490	877	609	13906
2008-09	478	468	585	1326	1671	1617	1979	1768	1840	1449	932	533	14646
2009-10	320	472	678	1066	1690	1543	1957	1626	1969	1342	802	618	14083
2010-11	396	418	548	1020	1368	1861	1543	1638	1690	1405	819	467	13173
2011-12	500	516	591	1140	1723	1803	2525	1607	1992	1328	982	502	15209
2012-	421	484	749	1058	1511	1908							

WBAN : 26617

**COOLING DEGREE DAYS (base 65°F) 2012 NOME (PAOM)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	2	0	0	0	0	0	0	2
1985	0	0	0	0	0	0	12	0	0	0	0	0	12
1986	0	0	0	0	0	4	2	0	0	0	0	0	6
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0		0	0	0	
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	7	0	0	0	0	0	7
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	19	0	0	0	0	0	19
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	2	0	0	0	0	0	2
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	3	0	0	0	0	0	3
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	1	0	0	0	0	0	1
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	7	0	3	0	0	0	0	10
2005	0	0	0	0	0	0	0	10	0	0	0	0	10
2006	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	5	0	0	0	0	0	5
2008	0	0	0	0	0	0	5	0	0	0	0	0	5
2009	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	2	0	0	0	0	0	2
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 NOME (PAOM)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	0.0	0.0	0.1	1.4	14.8	8.8	6.6	0.1	1.1	9.8	4.8	0.0	47.5
1984-85	0.0	T	0.0	2.5	5.5	13.6	4.5	5.9	11.2	0.7	8.5	T	52.4
1985-86	0.0	0.0	T	1.2	10.9	9.1	4.4	6.1	0.3	4.2	1.8	0.0	38.0
1986-87	0.0	0.0	1.8	2.3	4.6	10.6	9.7	5.7	4.9	1.5	0.9	T	42.0
1987-88	0.0	0.0	0.5	6.2	6.8	11.0	4.8	14.2	8.6	2.6	1.2	0.0	55.9
1988-89	0.0	0.0		1.4	5.7	15.0	10.6	23.2	5.8	16.4	6.4	T	
1989-90	0.0	0.0	T	4.8	22.2	8.4	11.1	7.6	8.2	8.8	0.8	0.0	71.9
1990-91	0.0	0.0	0.1	4.9	17.1	14.2	11.3	5.5	7.7	8.6	T	T	69.4
1991-92	0.0	0.0	0.0	1.8	1.4	6.8	5.8	7.4	19.2	0.1	3.5	0.0	46.0
1992-93	0.0	0.0	3.5	11.0	10.6	14.9	12.2	11.5	19.6	0.8	1.5	0.0	85.6
1993-94	0.0	0.0	2.9	3.2	21.5	28.7	8.2	4.0	12.4	3.6	T	T	84.5
1994-95	0.0	0.0	0.5	7.1	30.9	29.7	21.5	19.7	8.8	11.2	T	T	129.4
1995-96	0.0	0.0	0.0	8.6	5.2	8.0	12.4	33.0	5.9	1.8	4.3	T	79.2
1996-97	0.0	0.0	0.1	20.1	10.5	11.5	17.9	10.9	1.4	11.9	2.5	0.0	86.8
1997-98	0.0	0.0	0.0	4.1	28.0	20.2	14.1	3.0	19.2	15.0	5.9	0.0	109.5
1998-99	0.0	0.0	0.0	6.4	10.4	13.8	20.9	16.6	2.4	12.9	0.3	0.3	84.0
1999-00	0.0	0.0	0.8	0.7	6.9	5.5	33.2	17.1	3.2	1.1	3.3	0.0	71.8
2000-01	0.0	0.0	T	11.4	15.9	19.0	18.3	18.2	2.4	19.7	5.2	1.0	111.1
2001-02	0.0	0.0	T	T	0.9	8.0	24.6	24.1	5.2	18.3	3.6	0.0	84.7
2002-03	0.0	0.0	0.0	1.1	4.8	5.7	8.8	15.8	7.9	7.4	0.2	0.0	51.7
2003-04	0.0	0.0	0.0	0.5	17.2	22.2	3.4	5.6	8.8	1.5	0.7	0.0	59.9
2004-05	0.0	0.0	2.8	1.9	16.6	26.3	4.0	29.3	8.5	2.1	0.4	0.0	91.9
2005-06	0.0	0.0	0.0	4.9	8.4	15.8	6.1	23.0	23.6	6.2	2.2	1.5	91.7
2006-07	0.0	0.0	1.1	1.4	14.8	9.0	39.8	3.9	3.3	4.3	T	0.0	77.6
2007-08	0.0	0.0	0.0	5.6	8.7	24.7	34.0	9.9	10.0	15.0	1.8	2.8	112.5
2008-09	0.0	0.0	0.0	2.9	9.1	10.3	17.4	35.1	29.0	9.5	0.1	0.0	113.4
2009-10	0.0	0.0	0.5	2.5	15.3	11.7	3.4	5.4	4.7	11.6	0.9	0.0	56.0
2010-11	0.0	0.0	0.0	7.1	2.5	24.7	15.5	26.6	4.3	11.2	T	0.0	91.9
2011-12	0.0	0.0	0.0	9.1	7.4	27.7	3.7	19.0	6.6	6.4	0.9	0.0	80.8
2012-	0.0	0.0	0.3	2.1	0.2	14.7							
POR= 71 YRS	0.0	T	0.5	4.3	10.4	11.2	11.1	9.3	8.4	6.6	1.8	0.3	63.9

WBAN : 26617

**REFERENCE NOTES :**

<p>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).</p> <p>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).</p> <p>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.</p> <p>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</p>	<p>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 EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER. STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED STATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS: <a href="http://www.ncdc.noaa.gov/homr/">http://www.ncdc.noaa.gov/homr/</a> SNOWFALL STOPPED MONTH &amp; YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</p> <p><b>NOTE:</b></p> <p>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.</p> <p>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.</p> <ol style="list-style-type: none"> <li>1) A small number of stations did not correctly show number of days with thunderstorms and heavy fog.</li> <li>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: <a href="http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/status.txt">http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/status.txt</a>.</li> </ol>
---	--

# 2012 NOME ALASKA (PAOM)

The weather station at Nome is located at Nome Field, approximately 1 mile northwest of the city. Low, marshy flats lie between the station and Norton Sound to the south, exposing the station to winds from the southeast through the west. A series of foothills, with heights of 500 to 1,200 feet, extend from northwest through north to east at a distance of from 4 to 8 miles. The terrain increases in ruggedness and height farther north, with the Kigluaik Mountains reaching a height of 5,000 feet at a distance of 30 miles. The ground along the coastal flats is swampy during the summer months, but is permanently frozen below a depth of 2 to 3 feet. Vegetation in the Nome area consists mostly of grass and numerous small flowering plants.

The moderating influence of the open water of Norton Sound is effective only from early June to about the middle of November. Storms moving through this area during these months result in extended periods of cloudiness and rain. There is a nearly continuous cloud cover during July and August. During the summer months the daily temperature range is very slight. The freezing of Norton Sound in November causes a rather abrupt change from a maritime to a continental climate. The majority of low pressure systems during this period take a path south of Nome, resulting in strong easterly winds, accompanied by frequent blizzards, with the winds later becoming northerly and reaching Nome across the colder frozen areas of northern Alaska.

Temperatures generally remain well below freezing from the middle of November to the latter part of April, with January usually the coldest month of the year. Temperatures usually begin to rise near the end of February and continue to rise until they reach a maximum in July.

Precipitation reaches its maximum during the late summer months and drops to a minimum in April and May. Snow begins to fall in September, but usually does not accumulate on the ground until the first part of November. The snow cover decreases rapidly in April and May, and normally disappears by the middle of June. Snow depths in Nome have exceeded 70 inches.

Severe windstorms do occur with winds over 70 mph recorded several times. Strong winds during the winter months when there is snow cover produce blowing snow conditions that severely hinder transportation in the area.

# Station History

NOME, AK

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
NOME MARKS FIELD	1916-07-01	1929-01-01	64° 28'	-165° 24'			SYNOPTIC
NOME MUNICIPAL AP	1969-01-01	1981-12-31	64° 30'	-165° 25'	13		COOP, WXSVC
NOME MARKS FIELD	1931-01-01	1934-12-31	64° 28'	-165° 24'			WXSVC
NOME MARKS FIELD	1935-06-01	1946-01-01	64° 28'	-165° 24'			WXSVC
NOME MUNICIPAL AP	1967-12-01	1969-01-01	64° 30'	-165° 25'	13		AIRWAYS, COOP
NOME MUNICIPAL AP	1981-12-31	1998-07-01	64° 30'	-165° 25'	13		COOP
NOME MUNICIPAL AP	1998-07-01	2008-05-30	64° 30'	-165° 26'	13		ASOS, COOP
NOME MUNICIPAL AP	2010-11-25	Present	64° 30'	-165° 26'	13		AIRWAYS, ASOS, COOP
NOME MARKS FIELD	1946-01-01	1946-09-01	64° 30'	-165° 25'	13		AIRWAYS
NOME MARKS FIELD	1946-09-01	1967-12-01	64° 30'	-165° 25'	13		AIRWAYS, COOP
NOME MUNICIPAL AP	2008-05-30	2010-11-25	64° 30'	-165° 26'	13		ASOS, COOP
NOME MARKS FIELD	1929-01-01	1931-01-01	64° 28'	-165° 21'			SYNOPTIC
NOME MARKS FIELD	1908-01-01	1916-07-01	64° 28'	-165° 24'			UNKNOWN

# Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	2008-05-30	Present	DAILY	2400	PCPNX		
TEMP	1908-01-01	1995-07-01	DAILY	2400			
TEMP	1995-07-01	1997-01-01	DAILY	2400			
PRECIP	1908-01-01	1995-07-01	DAILY		UNIV	RCRD	
TEMP	1997-01-01	2008-05-30	DAILY	2400			
PRECIP	1997-01-01	2008-05-30	DAILY	2400	UNIV	RCRD	
PRECIP	1997-01-01	2008-05-30	HOURLY	2400	UNIV	RCRD	
PRECIP	1995-07-01	1997-01-01	DAILY	2400	UNIV	RCRD	
PRECIP	2008-05-30	Present	HOURLY	2400	AWPAG	RCRD;HTD	
TEMP	2008-05-30	Present	DAILY	2400	ATEMP		

\* For explanation of codes and abbreviations 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

TDD : (828) 271-4010

Email : [ncdc.orders@noaa.gov](mailto:ncdc.orders@noaa.gov)

NOAA/National Climatic Data Center

Attn: User Engagement & Services Branch

151 Patton Avenue

Asheville, NC 28801-5001

Visit our Web Site for other weather data: [www.ncdc.noaa.gov](http://www.ncdc.noaa.gov)