

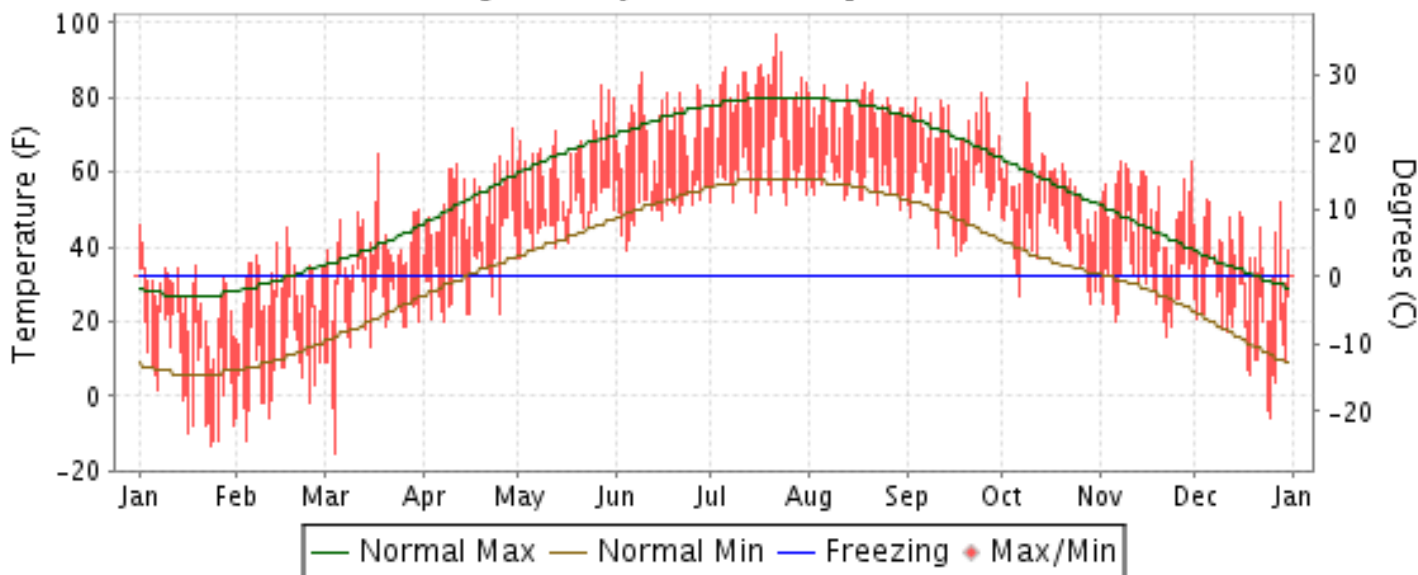


# 2011 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

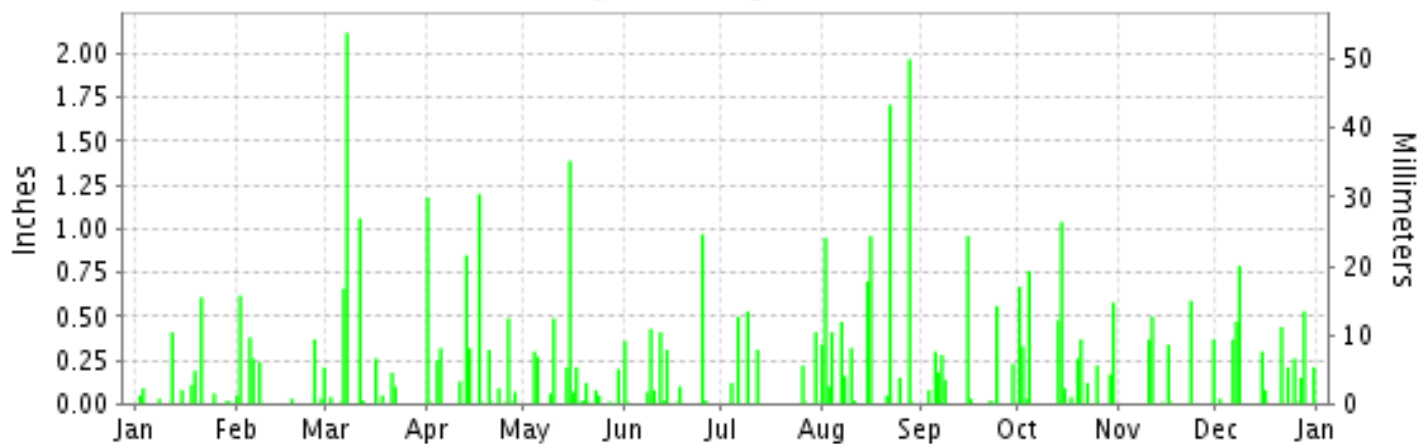
ISSN 2155-8825

## BANGOR, MAINE (KBGR)

### 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 2011

## BANGOR (KBGR)

LATITUDE: 44° 47'N      LONGITUDE: -68° 49'W      ELEVATION (FT): GRND: 148 BARO: 197      TIME ZONE: EASTERN (UTC -5)      WBAN: 14606

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	26.8	30.1	40.4	52.9	63.6	72.1	82.6	77.0	71.7	58.4	52.1	38.3	55.5	
	HIGHEST DAILY MAXIMUM	46	45	65	72	83	87	97	84	81	84	63	53	97	
	DATE OF OCCURRENCE	01	17	18	29	27	09	22	19	25	09	30+	05	JUL 22	
	MEAN DAILY MINIMUM	7.7	7.8	21.6	33.0	47.1	51.3	59.1	57.6	52.3	41.6	30.7	18.9	35.7	
	LOWEST DAILY MINIMUM	-13	-12	-15	20	37	39	49	50	38	25	16	-6	-15	
	DATE OF OCCURRENCE	24	04	04	08	02+	04	15	30	17	29	22	25	MAR 04	
	AVERAGE DRY BULB	17.3	19.0	31.0	43.0	55.4	61.7	70.9	67.3	62.0	50.0	41.4	28.6	45.6	
	MEAN WET BULB	16.5	18.5	28.1	38.4	50.8	56.4	63.8	63.0	58.1	46.3	38.9	27.6	42.2	
	MEAN DEW POINT	10.8	11.5	20.5	30.8	46.8	52.3	59.0	60.2	55.1	41.5	33.9	22.8	37.1	
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	MAXIMUM <= 32°	24	16	4	0	0	0	0	0	0	0	1	8	53	
	MINIMUM <= 32°	29	28	27	15	0	0	0	0	0	5	16	28	148	
MINIMUM <= 0°	11	9	2	0	0	0	0	0	0	0	0	2	24		
H/C	HEATING DEGREE DAYS	1472	1284	1047	655	298	114	4	9	118	458	699	1122	7280	
	COOLING DEGREE DAYS	0	0	0	0	8	22	192	90	34	2	0	0	348	
RH	MEAN (PERCENT)	73	69	66	66	77	74	69	80	81	74	74	76	73	
	HOUR 01 LST	77	72	74	79	85	90	88	93	92	84	82	81	83	
	HOUR 07 LST	77	75	71	66	78	71	71	82	84	79	80	82	76	
	HOUR 13 LST	62	60	54	54	65	57	48	63	62	59	56	65	59	
	HOUR 19 LST	77	72	68	67	79	78	68	84	85	75	78	79	76	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	5	7	4	3	5	1	2	4	5	1	0	1	38	
	THUNDERSTORMS	0	0	0	1	3	5	4	4	2	1	0	0	20	
CLOUDINESS	SUNRISE-SUNSET: (OKTAS)														
	CEILOMETER (<= 12,000 FT.)														
	SATELLITE (> 12,000 FT.)														
	MIDNIGHT-MIDNIGHT: (OKTAS)														
	CEILOMETER (<= 12,000 FT.)														
SATELLITE (> 12,000 FT.)															
NUMBER OF DAYS WITH:															
CLEAR															
PARTLY CLOUDY															
CLOUDY															
PR	MEAN STATION PRESS. (IN.)	29.66	29.69	29.85	29.70	29.81	29.68	29.64	29.65	29.83	29.75	29.83	29.87	29.75	
	MEAN SEA-LEVEL PRESS. (IN.)	29.89	29.90	30.07	29.91	30.02	29.89	29.84	29.84	30.03	29.95	30.04	30.09	29.96	
WINDS	RESULTANT SPEED (MPH)	5.0	4.1	2.6	1.4	2.0	0.2	2.0	2.8	1.5	2.1	2.0	1.9	1.2	
	RES. DIR. (TENS OF DEGS.)	33	31	30	29	07	19	23	18	20	33	22	29	29	
	MEAN SPEED (MPH)	6.4	7.6	9.3	8.3	8.7	6.5	6.3	6.6	5.2	7.1	6.0	6.1	7.0	
	PREVAIL.DIR.(TENS OF DEGS.)	30	32	18	18	02	18	18	18	19	02	19	19	18	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	36	33	31	36	29	29	23	33	25	32	29	36	36	
	DIR. (TENS OF DEGS.)	02	33	30	14	03	33	01	16	35	33	18	17	17	
	DATE OF OCCURRENCE	12	15	18	17	11	19	13	28	05	05	30	28	DEC 28	
	MAXIMUM 3-SECOND WIND:														
	SPEED (MPH)	46	43	45	46	37	36	46	48	31	38	39	45	48	
DIR. (TENS OF DEGS.)	02	33	29	14	01	34	22	15	30	33	16	16	15		
DATE OF OCCURRENCE	12	15	18	17	10	19	27	28	16	05	30	28	AUG 28		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	1.66	2.19	4.50	5.26	3.51	2.79	2.10	8.32	2.79	5.16	2.19	3.85	44.32	
	GREATEST 24-HOUR (IN.)	0.61	0.65	2.75	1.20	1.39	0.97	0.53	1.97	0.99	1.10	0.83	1.21	2.75	
	DATE OF OCCURRENCE	21	01-02	06-07	17	15	25	09	28	15-16	14-15	10-11	07-08	MAR 06-07	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	11	9	10	16	17	12	7	15	11	14	7	13	142	
PRECIPITATION 0.10	4	6	6	9	8	6	6	12	7	11	5	10	90		
PRECIPITATION 1.00	0	0	2	2	1	0	0	2	0	1	0	0	8		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)	36.0	33.4	8.6	15.4	0.0	0.0	0.0	T	0.0	7.0	8.6	8.8	117.8	
	GREATEST 24-HOUR (IN.)	17.3	11.2	4.6	14.4	0.0	0.0	0.0	T	0.0	6.0	8.6	3.6	17.3	
	DATE OF OCCURRENCE	21	25	22	01				01		30	23	25	JAN 21	
	MAXIMUM SNOW DEPTH (IN.)	32	42	29	15	0	0	0	0	0	3	9	6	42	
	DATE OF OCCURRENCE	27+	03	01	02						30	24	27+	FEB 03	
NUMBER OF DAYS WITH:															
SNOWFALL >= 1.0	6	7	2	2	0	0	0	0	0	2	1	3	23		

# NORMALS, MEANS, AND EXTREMES BANGOR (KBGR)

LATITUDE:  
44° 47'N

LONGITUDE:  
-68° 49'W

ELEVATION (FT):  
GRND: 148 BARO: 197

TIME ZONE:  
EASTERN (UTC -5)

WBAN: 14606

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	27.6	30.9	40.2	52.6	65.4	74.4	79.6	78.1	69.1	57.3	44.8	33.1	54.4
	MEAN DAILY MAXIMUM	54	27.0	30.0	39.1	51.9	64.3	73.4	78.6	77.2	68.8	57.1	45.1	32.3	53.7
	HIGHEST DAILY MAXIMUM	54	58	59	71	92	96	96	97	102	97	86	72	65	102
	YEAR OF OCCURRENCE		2007	1984	1977	1990	1992	1984	2011	1975	2002	1968	1953	1982	AUG 1975
	MEAN OF EXTREME MAXS.	54	47.0	46.6	56.3	71.7	83.7	88.9	90.7	89.2	84.2	74.3	62.4	52.4	70.6
	NORMAL DAILY MINIMUM	30	8.3	11.4	22.1	33.2	43.6	53.3	58.7	57.2	48.5	38.2	29.3	15.8	35.0
	MEAN DAILY MINIMUM	54	8.4	10.4	21.6	32.9	43.0	52.6	58.2	56.7	48.5	38.3	29.8	15.6	34.7
	LOWEST DAILY MINIMUM	54	-29	-30	-16	7	25	35	41	39	23	18	1	-23	-30
	YEAR OF OCCURRENCE		2005	1962	2001	1954	2008	2002	1969	1965	2000	2002	1989	1980	FEB 1962
	MEAN OF EXTREME MINS.	54	-13.4	-11.7	0.5	20.9	31.4	41.0	48.1	44.3	34.2	25.0	13.8	-4.8	19.1
	NORMAL DRY BULB	30	18.0	21.2	31.2	42.9	54.5	63.9	69.2	67.7	58.8	47.8	37.1	24.5	44.7
	MEAN DRY BULB	54	17.7	20.2	30.4	42.4	53.7	63.0	68.4	66.9	58.7	47.7	37.5	24.0	44.2
	MEAN WET BULB	24	15.9	18.1	26.4	37.2	47.5	56.9	62.0	61.3	54.2	43.3	34.2	22.5	40.0
	MEAN DEW POINT	24	11.2	12.5	20.8	31.4	42.5	53.0	58.8	58.2	50.9	39.3	29.9	18.0	35.5
	NORMAL NO. DAYS WITH: MAXIMUM >= 90	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	22.3	18.1	6.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.4	16.0	
MINIMUM <= 32	30	30.0	27.1	26.2	14.0	1.3	0.6	0.0	0.0	0.5	7.8	19.4	29.5		
MINIMUM <= 0	30	7.7	5.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3		
H/C	NORMAL HEATING DEG. DAYS	30	1458	1228	1049	664	329	79	16	24	199	534	839	1257	
	NORMAL COOLING DEG. DAYS	30	0	0	0	0	4	45	145	105	14	0	0	0	
RH	NORMAL (PERCENT)	30													
	HOURLY 01 LST	30													
	HOURLY 07 LST	30													
	HOURLY 13 LST	30													
	HOURLY 19 LST	30													
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI)	46	4.0	4.9	4.9	6.3	7.4	6.1	7.2	9.8	6.2	6.9	5.0	4.0	72.7
	THUNDERSTORMS	46	0.0	0.0	0.1	0.2	0.5	1.1	1.4	1.4	0.2	0.2	0.1	0.0	5.2
CLOUDINESS	MEAN: SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH: CLEAR														
	PARTLY CLOUDY CLOUDY														
PR	MEAN STATION PRESSURE(IN)	24	29.74	29.75	29.78	29.75	29.76	29.70	29.72	29.77	29.83	29.81	29.81	29.78	29.77
	MEAN SEA-LEVEL PRES. (IN)	24	29.96	29.97	29.99	29.96	29.96	29.91	29.93	29.97	30.04	30.02	30.02	29.99	29.98
WINDS	MEAN SPEED (MPH)	24	7.2	7.8	8.7	8.6	7.9	7.1	6.4	6.2	6.6	7.3	7.6	7.4	7.4
	PREVAIL.DIR(TENS OF DEGS)	3	31	31	18	18	18	18	18	18	18	30	31	31	18
	MAXIMUM 2-MINUTE: SPEED (MPH)	11	41	40	43	40	38	35	32	33	32	41	40	43	43
	DIR. (TENS OF DEGS)		15	01	13	35	18	31	34	16	36	14	29	18	18
	YEAR OF OCCURRENCE		2006	2002	1999	2006	2009	2007	2008	2011	2002	2003	2003	2004	DEC 2004
	MAXIMUM 3-SECOND SPEED (MPH)	11	59	51	51	51	63	41	46	48	43	54	69	54	69
	DIR. (TENS OF DEGS)		15	26	31	18	11	30	22	15	16	14	29	16	29
YEAR OF OCCURRENCE		2006	2001	2008	2000	2007	1999	2011	2011	2005	2003	2003	2004	NOV 2003	
PRECIPITATION	NORMAL (IN)	30	3.34	2.54	3.44	3.32	3.40	3.41	3.24	2.99	3.39	3.48	3.69	3.33	39.57
	MAXIMUM MONTHLY (IN)	54	7.64	7.12	7.14	11.04	7.65	8.10	7.25	8.32	9.90	13.31	11.61	10.14	13.31
	YEAR OF OCCURRENCE		1979	1969	1953	1983	1989	2009	1983	2011	1999	2005	1983	1969	OCT 2005
	MINIMUM MONTHLY (IN)	54	0.52	0.53	0.26	0.61	0.53	1.02	0.65	0.73	1.12	0.99	1.01	0.93	0.26
	YEAR OF OCCURRENCE		1985	1987	1965	1999	1982	1983	1968	2002	1988	1986	1978	1955	MAR 1965
	MAXIMUM IN 24 HOURS (IN)	54	2.32	1.88	2.75	4.40	2.41	4.41	3.04	3.67	5.98	3.98	5.10	4.08	5.98
	YEAR OF OCCURRENCE		1978	1969	2011	1983	2005	2009	1969	1965	1954	2005	1983	1983	SEP 1954
	NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01	30	10.2	7.9	10.3	10.7	9.5	11.2	10.5	8.5	10.5	10.4	9.9	10.6	120.2
PRECIPITATION >= 1.00	30	0.6	0.3	0.6	0.5	0.6	0.6	0.6	0.7	0.8	0.6	0.5	0.6	7.0	
SNOWFALL	NORMAL (IN)	30	18.7	15.1	11.2	4.5	0.*	0	0	0	0.*	0.1	3.3	14.1	67.0
	MAXIMUM MONTHLY (IN)	54	48.4	62.5	41.5	24.4	5.2	0.0	0.0	0.0	T	0.0	7.8	50.2	62.5
	YEAR OF OCCURRENCE		1966	1969	1956	2007	1963	1953	1953	2011	1953	1962	1962	1970	FEB 1969
	MAXIMUM IN 24 HOURS (IN)	54	17.3	16.5	17.2	14.4	3.8	0.0	0.0	T	0.0	7.8	18.9	25.5	25.5
	YEAR OF OCCURRENCE		2011	1969	1984	2011	1963	1953	1953	2011	1953	1962	1962	1962	DEC 1962
	MAXIMUM SNOW DEPTH (IN)	54	850	1092	1061	59	4	0	0	0	0	17	75	437	1092
	YEAR OF OCCURRENCE		1963	1963	1969	1963	1963	1953	1953	1953	1953	1962	1968	1972	FEB 1963
NORMAL NO. DAYS WITH: SNOWFALL >= 1.0	30	4.6	4.4	3.5	1.2	0.0	0.0	0.0	0.0	0.0	0.1	1.2	4.1	19.1	

**PRECIPITATION (inches) 2011 BANGOR (KBGR)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1979	7.64	2.61	5.37	3.24	4.70	1.73	3.73	3.82	2.42	5.43	3.31	2.29	46.29
1980	0.89	0.71	3.24	4.26	2.07	1.89	5.94	1.15	3.80	2.71	3.29	1.34	31.29
1981	0.97	3.47	0.63	3.59	2.23	4.09	5.30	5.70	6.88	5.86	2.26	3.69	44.67
1982	3.46	2.66	2.99	3.49	0.53	4.66	2.22	2.21	2.54	1.18	4.70	1.53	32.17
1983	2.82	2.89	5.70	11.04	7.33	1.02	7.25	2.65	1.57	2.13	11.61	9.23	65.24
1984	2.51	5.25	4.55	2.47	7.38	5.00	3.38	2.03	2.40	1.97	2.12	2.24	41.30
1985	0.52	2.05	2.49	0.96	2.82	4.15	3.20	4.47	4.04	3.71	3.78	2.45	34.64
1986	5.17	1.80	4.00	3.30	4.66	3.10	6.65	5.10	3.40	0.99	3.40	3.06	44.63
1987	2.96	0.53	4.87	2.68	2.11	2.68	1.92	2.30	5.21	2.18	3.85	2.23	33.52
1988	2.55	3.13	1.61	2.64	1.95	3.66	3.23	3.58	1.12	3.64	5.66	1.31	34.08
1989	1.61	2.80	2.54	3.47	7.65	4.98	1.17	4.30	4.09	2.57	5.84	1.48	42.50
1990	3.31	2.07	1.96	3.79	5.40	6.26	1.73	2.83	2.45	6.22	3.32	6.43	45.77
1991	2.92	0.77	4.22	3.00	3.27	2.04	3.78	6.58	4.84	3.97	2.74	1.81	39.94
1992	4.82	2.75	3.85	1.85	0.94	2.22	2.66	2.25	1.12	2.87	2.89	2.14	30.36
1993	1.82	3.47	2.87	6.23	1.82	3.62	1.83	1.79	3.45	2.83	4.03	5.56	39.32
1994	3.51	0.87	4.06	2.27	3.44	2.32	2.52	3.13	5.21	2.23	3.20	2.20	34.96
1995	3.87	2.36	1.88										
1999			4.96	0.61	2.93	3.93	3.07	2.47	9.90	4.02	3.05	3.85	
2000	3.82	2.36	3.71	5.63	4.24	2.63	2.08	2.03	1.35	3.28	2.83	3.75	37.71
2001	1.51	1.01	2.84	0.77	1.51	1.54	3.18	1.72	4.04	1.22	1.93	1.92	23.19
2002	3.35	3.20	3.33	5.68	2.51	3.56	2.24	0.73	4.19	3.19	4.64	3.94	40.56
2003	0.94	2.65	4.08	1.98	3.37	3.05	0.89	1.97	5.71	8.96	4.16	5.39	43.15
2004	0.93	1.43	2.21	3.01	4.47	1.89	3.27	5.25	2.23	2.40	4.32	3.61	35.02
2005	2.53	2.37	4.23	6.36	5.18	1.89	4.50	4.24	3.51	13.31	7.47	2.98	58.57
2006	4.81	2.43	1.17	2.75	4.12	7.46	6.26	3.35	4.17	7.53	4.94	2.34	51.33
2007	3.06	1.83	4.54	6.65	3.29	2.18	2.98	2.96	1.64	4.38	6.70	3.99	44.20
2008	2.51	4.51	3.85	4.96	3.53	3.38	4.43	1.94	6.93	3.47	5.00	4.67	49.18
2009	1.77	2.47	1.68	3.99	3.94	8.10	5.61	2.69	1.32	5.42	4.22	3.52	44.73
2010	3.47	2.19	4.68	2.24	1.73	4.38	2.15	1.89	5.73	5.83	4.75	5.47	44.51
2011	1.66	2.19	4.50	5.26	3.51	2.79	2.10	8.32	2.79	5.16	2.19	3.85	44.32
POR= 54 YRS	3.12	2.83	3.33	3.41	3.34	3.30	3.35	3.19	3.65	3.89	4.36	3.81	41.58

WBAN : 14606

**AVERAGE TEMPERATURE (°F) 2011 BANGOR (KBGR)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1979	23.5	15.8	36.4	43.0	55.0	62.1	69.6	64.9	59.9	49.7	42.6	27.6	45.8
1980	20.9	18.2	28.9	42.8	53.2	60.1	67.5	69.6	56.9	42.8	34.0	15.9	42.6
1981	11.7	31.4	33.9	44.6	56.2	63.6	69.0	66.3	57.7	46.2	36.2	27.7	45.4
1982	9.9	17.2	30.2	39.3	54.7	60.7	69.7	63.9	60.2	48.2	38.9	28.5	43.5
1983	20.5	23.4	34.3	45.2	52.3	65.4	70.6	68.3	62.9	48.2	38.5	24.5	46.2
1984	15.5	30.3	26.3	43.5	51.7	63.1	69.1	69.5	56.9	49.8	39.4	27.6	45.2
1985	13.6	24.9	31.6	41.7	53.5	60.7	70.0	66.9	61.4	49.8	36.6	21.0	44.3
1986	22.0	20.1	31.9	47.2	55.5	63.3	67.1	66.9	58.0	47.4	34.7	26.4	45.0
1987	18.1	20.3	32.6	46.3	55.0	64.1	66.9	64.8	57.2	46.5	34.2	25.9	44.3
1988	17.8	21.3	30.5	42.7	56.3	62.4	70.5	68.2	58.8	46.3	41.2	22.9	44.9
1989	22.5	19.2	27.7	40.2	57.3	64.5	68.6	66.2	59.1	50.0	35.2	10.3	43.4
1990	26.4	20.4	31.2	43.6	52.0	62.8	69.5	69.5	58.1	50.2	38.7	29.9	46.0
1991	16.5	25.2	33.9	45.1	57.6	65.3	69.8	69.5	57.3	50.2	39.1	20.0	45.8
1992	18.4	19.8	27.9	39.9	54.1	64.0	64.7	66.9	58.2	45.1	35.2	25.2	43.3
1993	18.1	11.3	27.7	43.1	55.7	64.1	69.6	69.7	58.7	43.9	36.6	25.7	43.7
1994	8.4	15.7	30.5	43.0	52.8	66.8	73.1	66.7	58.3	49.0	39.4	27.5	44.3
1995	22.9	16.9	29.5										
1999			33.6	44.0	55.4	66.4	70.1	66.4	63.7	44.9	40.5	28.8	
2000	18.1	19.2	34.8	42.0	51.8	61.4	65.3	65.7	56.4	46.6	37.8	21.3	43.4
2001	16.2	17.8	26.6	41.0	56.0	66.6	66.8	70.0	59.6	48.0	40.3	29.5	44.9
2002	22.5	23.0	31.3	42.5	51.6	61.1	68.6	70.2	62.0	43.9	34.4	24.4	44.6
2003	10.7	15.2	27.7	39.2	52.6	63.5	69.1	69.3	61.4	47.8	38.6	27.1	43.5
2004	10.1	21.2	32.2	42.4	53.9	60.3	67.0	67.7	58.8	48.1	36.1	24.2	43.5
2005	13.9	21.5	28.2	44.6	50.2	65.7	69.4	68.9	61.8	50.2	39.0	23.5	44.7
2006	25.8	22.4	31.9	44.7	56.0	65.3	72.0	64.3	59.0	47.7	41.8	30.6	46.8
2007	19.0	13.9	29.3	39.9	54.2	63.4	67.6	66.2	60.0	51.8	34.5	20.5	43.4
2008	20.8	21.4	27.6	44.1	53.2	64.2	71.0	64.9	58.5	46.6	37.3	24.4	44.5
2009	10.2	20.7	29.4	45.6	53.3	60.5	65.4	68.6	57.2	43.6	39.6	25.6	43.3
2010	23.4	28.7	38.7	48.6	58.1	63.6	72.4	69.2	62.5	48.4	37.8	26.6	48.2
2011	17.3	19.0	31.0	43.0	55.4	61.7	70.9	67.3	62.0	50.0	41.4	28.6	45.6
POR= 54 YRS	17.7	20.2	30.4	42.4	53.7	63.0	68.4	66.9	58.7	47.7	37.5	24.0	44.2

**HEATING DEGREE DAYS (base 65°F) 2011 BANGOR (KBGR)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1984-85	9	13	248	467	765	1155	1530	1000	1192	636	404	119	7538
1985-86	1	46	128	465	844	1358	1588	1118	1027	694	352	131	7752
1986-87	33	40	221	538	902	1189	1325	1254	1019	527	301	91	7440
1987-88	32	85	232	565	919	1207	1446	1245	995	555	325	71	7677
1988-89	17	68	195	576	706	1300	1457	1264	1062	662	273	137	7717
1989-90	11	45	194	459	889	1691	1311	1276	1150	737	235	82	8080
1990-91	13	23	211	456	780	1081	1187	1242	1041	642	399	84	7159
1991-92	14	23	247	454	772	1389	1498	1106	957	590	236	70	7356
1992-93	57	26	227	610	887	1228	1440	1307	1144	745	351	68	8090
1993-94	18	12	208	648	841	1212	1446	1499	1148	652	280	100	8064
1994-95	0	42	200	491	763	1158	1754	1376	1064	654	375	56	7933
1995-96							1301	1339	742				
1999-00	9	31	98	618	728	1115			966	624	298	56	
2000-01	32	31	266	567	808	1343	1447	1321	928	684	411	152	7990
2001-02	33	19	179	522	733	1093	1505	1316	1183	713	283	63	7642
2002-03	28	16	136	653	913	1254	1315	1175	1041	666	409	164	7770
2003-04	16	35	122	527	782	1168	1677	1398	1150	767	380	105	8127
2004-05	23	23	185	520	858	1260	1696	1264	1011	668	337	165	8010
2005-06	10	11	115	454	773	1281	1579	1211	1134	606	452	87	7713
2006-07	0	76	187	527	690	1059	1206	1185	1017	602	276	63	6888
2007-08	29	50	183	405	911	1370	1418	1425	1100	744	343	90	8068
2008-09	0	38	211	566	823	1253	1696	1236	1095	577	357	144	7996
2009-10	49	43	232	654	753	1214	1285	1009	807	487	235	82	6850
2010-11	8	7	144	509	809	1180	1472	1284	1047	655	298	114	7527
2011-	4	9	118	458	699	1122							

WBAN : 14606

**COOLING DEGREE DAYS (base 65°F) 2011 BANGOR (KBGR)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	0	0	0	0	0	67	143	157	10	0	0	0	377
1985	0	0	0	0	2	10	165	112	25	0	0	0	314
1986	0	0	0	0	16	44	106	104	18	0	0	0	288
1987	0	0	0	0	20	52	100	97	6	0	0	0	275
1988	0	0	0	0	9	67	192	173	16	5	0	0	462
1989	0	0	0	0	4	70	129	89	23	0	0	0	315
1990	0	0	0	4	0	25	163	167	10	3	0	0	372
1991	0	0	0	0	14	90	173	169	23	0	0	0	469
1992	0	0	0	0	20	45	54	91	30	0	0	0	240
1993	0	0	0	0	0	80	167	165	25	0	0	0	437
1994	0	0	0	0	5	118	258	99	4	0	0	0	484
1995	0	0	0										
1999			0	0	8	102	175	83	78	0	0	0	
2000	0	0	0	0	0	50	48	61	14	0	0	0	173
2001	0	0	0	0	15	118	93	179	25	1	0	0	431
2002	0	0	0	0	0	46	148	183	52	7	0	0	436
2003	0	0	0	0	0	67	151	175	17	0	0	0	410
2004	0	0	0	0	1	32	89	114	6	0	0	0	242
2005	0	0	0	0	0	116	152	137	26	4	0	0	435
2006	0	0	0	0	6	77	224	63	15	0	0	0	385
2007	0	0	0	0	17	49	115	96	40	0	0	0	317
2008	0	0	0	0	0	57	195	43	21	0	0	0	316
2009	0	0	0	3	3	15	67	158	5	0	0	0	251
2010	0	0	0	0	28	46	242	146	75	0	0	0	537
2011	0	0	0	0	8	22	192	90	34	2	0	0	348

## SNOWFALL (inches) 2011 BANGOR (KBGR)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1979-80	0.0	0.0	0.0	1.0	0.0	1.8	19.7	4.2	0.2	2.2	0.0	0.0	29.1
1980-81	0.0	0.0	0.0	0.0	11.8	11.9	2.1	10.3	7.0	0.0	0.0	0.0	43.1
1981-82	0.0	0.0	0.0	0.0	1.7	22.6	14.9	7.9	2.7	0.0	0.0	0.0	49.8
1982-83	0.0	0.0	0.0	0.0	0.0	10.8	28.9	15.1	13.1	15.2	0.0	0.0	83.1
1983-84	0.0	0.0	0.0	0.0	3.4	6.1	10.8	18.0	1.9	0.7	0.0	0.0	40.9
1984-85	0.0	0.0	0.0	0.0	0.0	24.3	31.5	6.4	28.1	0.2	0.0	0.0	90.5
1985-86	0.0	0.0	0.0	0.0	3.4	12.5	8.7	3.6	8.3	7.4	0.0	0.0	43.9
1986-87	0.0	0.0	0.0	0.0	5.9	3.5	20.1	17.4	11.6	0.0	0.0	0.0	58.5
1987-88	0.0	0.0	0.0	0.0	15.0	14.0	46.7	7.4	22.2	2.8	0.0	0.0	108.1
1988-89	0.0	0.0	0.0	2.0	2.0	4.6	21.0	19.0	4.6	4.1	0.0	0.0	57.3
1989-90	0.0	0.0	0.0	0.0	3.1	22.3	10.7	19.5	13.3	6.1	0.0	0.0	75.0
1990-91	0.0	0.0	0.0	0.0	0.4	7.4	22.4	22.2	6.6	0.0	0.0	0.0	59.0
1991-92	0.0	0.0	0.0	0.0	0.0	19.6	12.5	4.7	10.0	0.0	0.0	0.0	46.8
1992-93	0.0	0.0	0.0	0.0	0.0	6.9	2.2	24.2	0.5	8.2	0.0	0.0	42.0
1993-94	0.0	0.0	0.0	0.0	0.0	2.6	7.4	27.7	34.3	9.5	0.0	0.0	81.5
1994-95	0.0	0.0	0.0	0.0	2.4	5.4	35.6	7.1	21.0	0.0	0.0	0.0	71.5
1995-96							20.6	19.7	0.6				
1999-00	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
2000-01	0.0	0.0	0.0	0.0	0.0	0.0	25.8	0.0	0.0	0.0	0.0	0.0	25.8
2001-02	0.0	0.0	0.0	0.0	0.0	0.0	13.8	0.0	0.0	0.0	0.0	0.0	13.8
2002-03	0.0	0.0	0.0	0.0	14.1	6.2	27.7	3.3	13.3	1.5	0.0	0.0	66.1
2003-04	0.0	0.0	0.0	0.0	0.0	26.2	12.8	17.1	8.0	4.1	0.0	0.0	68.2
2004-05	0.0	0.0	0.0	0.0	0.0	3.1	9.1	12.8	9.6	3.0	0.0	0.0	37.6
2005-06	0.0	0.0	0.0	0.0	2.7	11.3	23.6	29.3	19.0	0.3	0.0	0.0	86.2
2006-07	0.0	0.0	0.0	0.0	0.0	3.5	11.6	7.6	4.9	1.3	0.0	0.0	28.9
2007-08	0.0	0.0	0.0	0.0	0.0	42.3	9.0	9.3	11.6	24.4	0.0	0.0	96.6
2008-09	0.0	0.0	0.0	0.0	1.5	22.3	27.7	24.8	10.7	0.0	0.0	0.0	87.0
2009-10	0.0	0.0	0.0	T	T	21.9	30.2	2.7	0.9	T	0.0	0.0	55.7
2010-11	0.0	0.0	0.0	T	2.0	19.7	36.0	33.4	8.6	15.4	0.0	0.0	115.1
2011-	0.0	T	0.0	7.0	8.6	8.8							
POR= 55 YRS	0.0	T	0.0	0.6	4.2	15.4	20.1	18.0	12.7	4.5	0.2	0.0	75.7

WBAN : 14606

### 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. NORMALS ARE 30-YEAR AVERAGES (1971 - 2000). 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 AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET. THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD. CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.</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 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 HISTORY GO TO "MULTI-NETWORK MEDADATA SYSTEM", URL IS: <a href="https://mi3.ncdc.noaa.gov/mi3qry/login.cfm">https://mi3.ncdc.noaa.gov/mi3qry/login.cfm</a> SNOWFALL STOPPED MONTH &amp; YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</p> <p><b>NOTE:</b> The "Period of Record:(POR) for all "averages" is based on the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p>
--	--

**2011  
BANGOR  
MAINE (KBGR)**

NO NARRATIVE AT THIS TIME

# Station History

BANGOR, ME

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
BANGOR AP	1953-01-01	1972-02-01	44° 48'	-68° 49'	194		COOP
BANGOR AP	1982-01-01	1987-07-16	44° 48'	-68° 49'	163		COOP
BANGOR AP	1950-01-01	1951-12-31	44° 48'	-68° 49'			AIRWAYS
BANGOR INTL AP	1998-04-01	2000-02-10	44° 48'	-68° 49'	185		AIRWAYS, ASOS, COOP
BANGOR INTL AP	2008-01-01	2012-01-23	44° 47'	-68° 49'	148		AIRWAYS, ASOS, COOP
BANGOR AP	1972-02-01	1981-12-31	44° 48'	-68° 49'	194		AIRWAYS, COOP
BANGOR INTL AP	2000-02-10	2008-01-01	44° 47'	-68° 49'	148		AIRWAYS, ASOS, COOP
BANGOR INTL AP	2012-01-23	Present	44° 47'	-68° 49'	148		AIRWAYS, ASOS, COOP
BANGOR AP	1933-09-01	1948-03-31	44° 48'	-68° 49'			AIRWAYS
BANGOR AP	1981-12-31	1982-01-01	44° 48'	-68° 49'	194		COOP
BANGOR AP	1987-07-16	1993-01-01	44° 48'	-68° 49'	185		AIRWAYS, COOP
BANGOR INTL AP	1993-01-01	1998-04-01	44° 48'	-68° 49'	185		AIRWAYS, COOP

# Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	2008-01-01	2009-10-01	DAILY	2400	SRG		
TEMP	2009-10-01	2012-01-23	DAILY	2400	TEMPX		
PRECIP	2012-01-23	Present	HOURLY	2400	AHTB	RCRD;HTD	
TEMP	1995-07-01	1998-04-01	DAILY	2400	HYGR		
PRECIP	1995-07-01	1998-04-01	DAILY	2400	SRG		
TEMP	2000-02-10	2008-01-01	DAILY	2400	HYGR		
PRECIP	2000-02-10	2008-01-01	DAILY	2400	SRG		
TEMP	1933-09-01	1987-07-16	DAILY	2400			
TEMP	1998-04-01	2000-02-10	DAILY	2400	HYGR		
PRECIP	2008-01-01	2009-10-01	HOURLY	2400	TB	RCRD	
PRECIP	1933-09-01	1987-07-16	DAILY	2400			
PRECIP	2009-10-01	2012-01-23	DAILY	2400	PCPNX		
TEMP	2012-01-23	Present	DAILY	2400	ATEMP		
PRECIP	2012-01-23	Present	DAILY	2400	PCPNX		
PRECIP	1987-07-16	1995-07-01	DAILY		SRG		
PRECIP	1998-04-01	2000-02-10	DAILY	2400	TB	RCRD	
PRECIP	2009-10-01	2012-01-23	HOURLY	2400	AHTB	RCRD;HTD	
TEMP	2008-01-01	2009-10-01	DAILY	2400	HYGR		
TEMP	1987-07-16	1995-07-01	DAILY	2400	HYGR		

\* 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.info@noaa.gov](mailto:ncdc.info@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)