

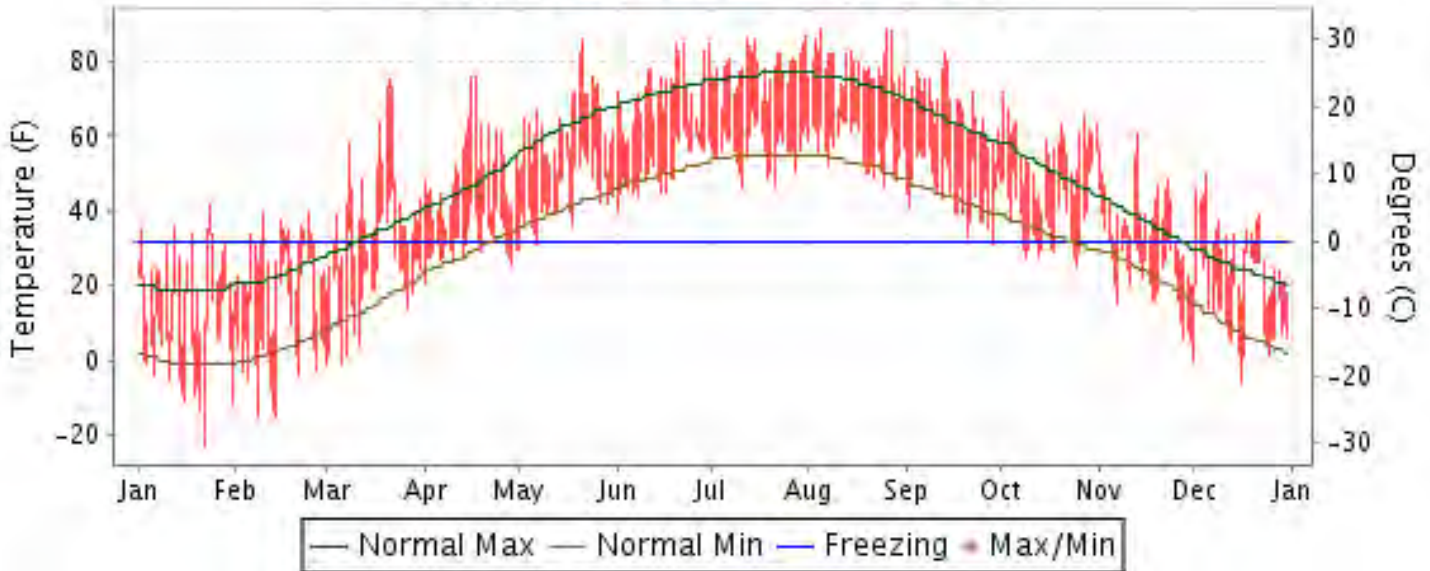


# 2012 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

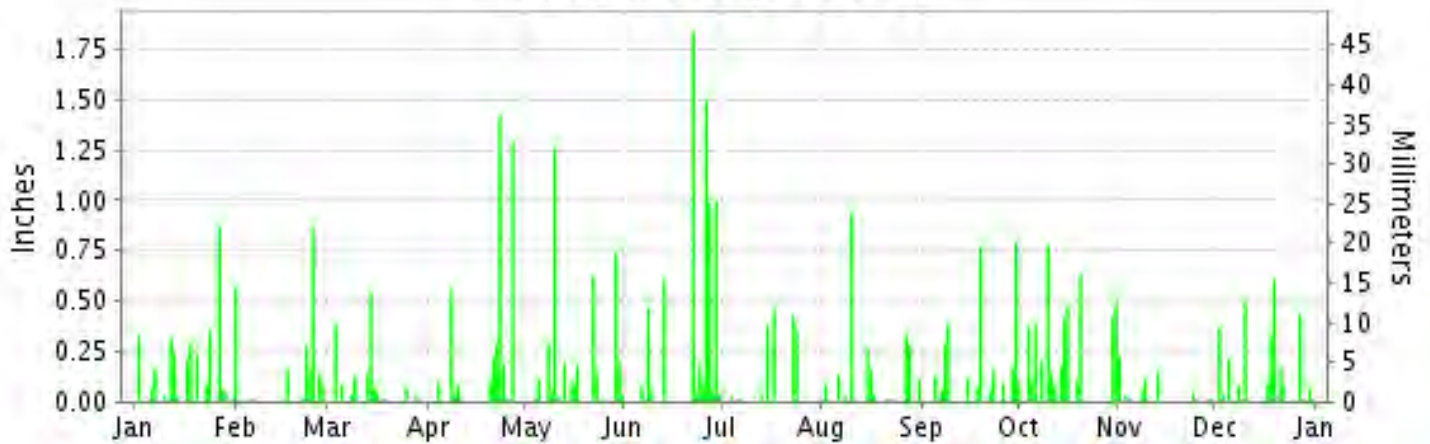
ISSN 0198-2354

## CARIBOU, MAINE (KCAR)

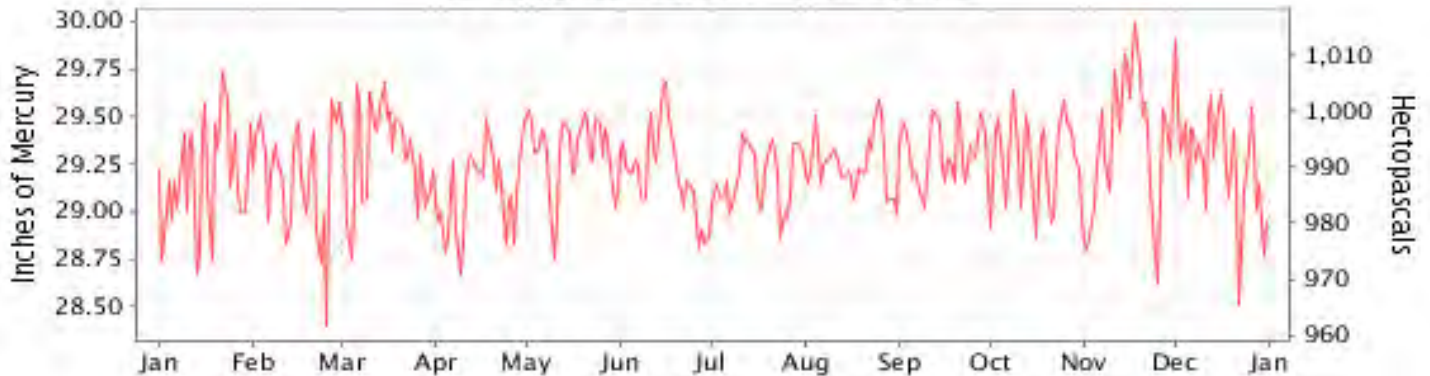
### Daily Max/Min Temperature



### 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.

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AND INFORMATION SERVICE

NATIONAL  
CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2012

## CARIBOU (KCAR)

LATITUDE: 46° 52'N      LONGITUDE: 68° 1'W      ELEVATION (FT): GRND: 624 BARO: 626      TIME ZONE: EASTERN (UTC -5)      WBAN: 14607

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	22.4	27.0	42.0	51.3	63.3	71.6	78.5	78.9	68.1	56.2	38.8	29.3	52.3	
	HIGHEST DAILY MAXIMUM	42	40	75	76	86	85	87	89	83	72	61	50	89	
	DATE OF OCCURRENCE	24	24+	21	17+	21	30+	31	26+	13	02	13	05	AUG 26+	
	MEAN DAILY MINIMUM	4.3	7.1	21.0	31.7	43.9	51.6	56.5	57.2	45.5	38.2	23.8	13.4	32.9	
	LOWEST DAILY MINIMUM	-23	-15	-1	21	30	40	46	47	31	25	5	-6	-23	
	DATE OF OCCURRENCE	22	14+	06+	01	01	01	11	25	28	25	30	16	JAN 22	
	AVERAGE DRY BULB	13.4	17.1	31.5	41.5	53.6	61.6	67.5	68.1	56.8	47.2	31.3	21.4	42.6	
	MEAN WET BULB	13.0	16.0	27.8	36.1	48.4	56.0	60.7	61.9	52.5	43.7	28.9	20.8	38.8	
	MEAN DEW POINT	8.5	9.8	20.4	28.2	42.4	51.5	55.6	57.9	48.5	39.7	23.9	17.0	33.6	
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MAXIMUM <= 32°	25	19	8	0	0	0	0	0	0	0	8	19	79	
MINIMUM <= 32°	30	29	25	18	2	0	0	0	1	12	26	31	174		
MINIMUM <= 0°	12	9	2	0	0	0	0	0	0	0	0	2	25		
H/C	HEATING DEGREE DAYS	1594	1383	1031	695	354	132	20	16	249	544	1003	1348	8369	
	COOLING DEGREE DAYS	0	0	0	0	9	39	105	118	8	0	0	0	279	
RH	MEAN (PERCENT)	76	71	65	64	69	73	67	73	75	77	75	80	72	
	HOUR 01 LST	79	77	75	75	82	86	83	88	88	86	81	83	82	
	HOUR 07 LST	80	79	70	69	71	75	69	78	81	82	80	84	77	
	HOUR 13 LST	70	59	53	50	56	58	49	55	57	63	62	72	59	
	HOUR 19 LST	77	70	65	63	68	72	70	71	75	79	76	82	72	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	4	3	4	3	2	2	1	1	4	1	4	1	30	
	THUNDERSTORMS	0	0	0	0	1	5	3	5	0	0	0	0	14	
PR	MEAN STATION PRESS. (IN.)	29.20	29.20	29.32	29.10	29.32	29.23	29.18	29.25	29.31	29.26	29.37	29.28	29.25	
	MEAN SEA-LEVEL PRESS. (IN.)	29.92	29.91	30.02	29.80	30.00	29.90	29.86	29.92	30.00	29.95	30.08	29.99	29.95	
WINDS	RESULTANT SPEED (MPH)	2.6	3.7	3.0	3.3	2.2	1.1	2.3	2.0	2.5	0.9	2.8	2.4	1.6	
	RES. DIR. (TENS OF DEGS.)	28	31	31	32	20	07	29	23	19	22	29	32	29	
	MEAN SPEED (MPH)	7.0	7.2	7.8	8.7	7.1	6.7	5.5	5.1	6.5	6.7	6.2	7.8	6.9	
	PREVAIL.DIR.(TENS OF DEGS.)	32	32	33	33	18	17	30	25	17	16	31	32	32	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	32	30	31	33	24	31	33	28	29	24	24	32	33	
	DIR. (TENS OF DEGS.)	25	31	33	17	30	27	20	18	18	31	25	31	20	
	DATE OF OCCURRENCE	18	26	27	24	18	29	15	05	19	22	25	30	JUL 15	
	MAXIMUM 3-SECOND WIND:														
SPEED (MPH)	45	40	43	43	37	41	51	38	40	37	38	45	51		
DIR. (TENS OF DEGS.)	25	32	32	17	18	26	18	19	19	30	20	31	18		
DATE OF OCCURRENCE	18	26	26	24	08	29	15	05	19	22	13	30	JUL 15		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	3.37	2.31	1.59	4.32	4.11	6.97	1.73	2.46	3.09	4.92	0.67	3.07	38.61	
	GREATEST 24-HOUR (IN.)	0.93	1.02	0.62	1.44	1.31	1.84	0.79	0.94	0.84	0.93	0.23	0.93	1.84	
	DATE OF OCCURRENCE	27-28	24-25	14-15	22-23	09-10	22	23-24	10	18-19	10-11	01	18-19	JUN 22	
	NUMBER OF DAYS WITH:														
PRECIPITATION 0.01	16	11	12	12	17	13	7	15	12	16	9	17	157		
PRECIPITATION 0.10	9	6	4	8	10	7	4	7	9	13	3	7	87		
PRECIPITATION 1.00	0	0	0	2	1	3	0	0	0	0	0	0	6		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)	26.1	29.2	20.9	7.4	0.0	0.0	0.0	0.0	0.0	T	1.6	26.9	112.1	
	GREATEST 24-HOUR (IN.)	8.4	11.0	10.0	6.2	0.0	0.0	0.0	0.0	0.0	T	1.0	6.6	11.0	
	DATE OF OCCURRENCE	27	25	14	08						14+	09	19	FEB 25	
	MAXIMUM SNOW DEPTH (IN.)	15	26	27	4	0	0	0	0	0	T	1	12	27	
	DATE OF OCCURRENCE	29+	28	04	09						14	09	21+	MAR 04	
	NUMBER OF DAYS WITH:														
SNOWFALL >= 1.0	9	7	4	1	0	0	0	0	0	0	1	7	29		



**PRECIPITATION (inches) 2012 CARIBOU (KCAR)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1983	2.95	1.77	3.84	4.20	5.28	0.88	5.92	3.86	2.70	1.81	8.15	5.01	46.37
1984	2.10	3.06	2.55	1.74	5.72	5.90	4.52	1.65	1.54	1.81	2.01	3.00	35.60
1985	0.99	2.77	1.87	1.80	2.64	2.89	5.05	1.74	2.30	1.42	3.50	2.24	29.21
1986	4.86	1.13	2.32	2.29	2.13	1.96	4.21	4.97	3.58	1.47	3.96	1.66	34.54
1987	2.29	0.33	1.24	1.75	2.46	3.59	3.16	1.82	4.37	2.18	2.33	2.56	28.08
1988	2.79	2.65	1.23	1.99	1.84	2.37	2.28	5.65	1.82	3.09	4.10	1.00	30.81
1989	1.88	1.43	1.40	2.24	4.13	2.29	2.63	5.41	3.52	1.62	3.88	2.35	32.78
1990	3.36	1.84	1.16	2.28	3.53	4.56	4.15	3.23	3.78	8.73	4.22	5.60	46.44
1991	2.06	1.13	4.71	2.62	3.51	1.98	0.96	6.72	3.45	4.46	1.61	2.10	35.31
1992	3.76	2.68	1.87	2.57	1.83	4.58	4.49	6.28	1.51	3.52	1.60	1.58	36.27
1993	2.18	2.10	1.72	3.48	3.58	4.54	2.48	3.57	5.11	4.31	2.94	3.99	40.00
1994	3.68	1.39	2.44	3.24	4.75	4.64	4.64	2.82	3.16	0.88	3.75	3.01	38.40
1995	5.60	2.70	2.23	2.12	2.46	1.18	1.48	2.94	1.90	5.13	4.88	1.79	34.41
1996	4.05	2.69	1.74	3.59	3.52	3.42	6.32	2.66	3.81	3.41	1.49	3.72	40.42
1997	3.60	2.52	2.47	1.68	5.10	4.37	2.64	4.12	2.67	1.31	2.08	2.81	35.37
1998	4.08	2.62	3.51	2.23	3.61	3.22	5.35	2.29	3.22	2.22	2.10	1.57	36.02
1999	3.59	1.38	2.30	1.43	2.40	3.20	2.94	3.69	8.81	3.48	2.70	2.76	38.68
2000	2.94	2.96	1.86	4.58	4.52	2.88	4.39	4.23	1.59	2.59	2.09	3.73	38.36
2001	0.81	2.66	3.15	0.96	2.01	2.77	5.82	1.51	3.65	2.69	2.08	0.99	29.10
2002	1.73	2.58	2.70	3.21	3.97	3.20	5.86	0.55	4.15	2.77	3.43	2.93	37.08
2003	0.69	3.78	2.51	1.43	3.18	3.99	6.10	3.53	1.95	6.58	3.83	5.07	42.64
2004	1.44	0.66	1.85	2.89	2.55	3.89	4.28	5.02	2.04	2.16	3.39	4.01	34.18
2005	1.99	2.43	4.90	6.19	3.20	2.31	4.10	4.11	5.04	7.38	6.06	6.60	54.31
2006	3.56	2.30	0.80	1.84	5.00	4.18	4.32	2.90	2.88	5.60	4.87	2.29	40.54
2007	2.31	1.94	4.19	3.33	2.90	2.44	3.51	3.48	2.07	3.66	7.39	4.80	42.02
2008	3.10	4.81	5.27	2.57	2.66	5.87	4.46	4.05	4.96	4.76	4.55	5.61	52.67
2009	3.07	1.95	2.06	2.95	5.29	2.69	5.08	1.60	1.95	4.74	3.76	3.79	38.93
2010	1.78	1.48	2.95	2.44	2.50	7.30	4.37	1.58	5.81	4.19	4.01	5.20	43.61
2011	1.47	2.77	4.68	2.95	4.46	9.03	7.96	9.58	3.44	3.91	1.79	3.32	55.36
2012	3.37	2.31	1.59	4.32	4.11	6.97	1.73	2.46	3.09	4.92	0.67	3.07	38.61
POR= 74 YRS	2.41	2.15	2.51	2.62	3.15	3.59	4.08	3.82	3.40	3.36	3.37	3.09	37.55

WBAN : 14607

**AVERAGE TEMPERATURE (°F) 2012 CARIBOU (KCAR)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1983	14.9	15.3	27.0	41.1	48.9	61.9	64.5	64.3	57.2	43.6	32.2	14.5	40.5
1984	6.7	22.4	19.3	39.8	49.2	59.2	65.8	65.5	51.7	44.5	33.4	18.4	39.7
1985	6.0	16.2	23.5	35.3	49.5	58.2	66.0	62.2	56.1	43.8	28.3	12.1	38.1
1986	11.8	12.2	24.4	42.8	52.2	56.9	62.6	60.7	50.5	41.2	25.9	16.2	38.1
1987	9.9	12.5	28.0	43.9	50.6	60.3	65.8	61.1	54.5	44.2	29.0	18.7	39.9
1988	12.1	13.6	23.1	39.4	54.6	58.5	67.4	64.4	52.4	40.5	33.5	13.8	39.4
1989	12.3	10.4	19.5	36.7	56.7	60.1	64.7	63.5	55.4	45.0	27.6	3.5	38.0
1990	17.3	11.7	24.7	39.6	49.0	62.9	66.2	66.6	53.5	44.7	31.0	20.5	40.6
1991	7.1	15.1	27.0	39.6	52.5	61.4	65.8	65.3	52.1	44.8	32.8	13.5	39.8
1992	10.4	10.9	20.2	36.4	53.2	60.2	60.3	63.7	56.2	41.1	29.3	19.6	38.5
1993	8.6	4.2	23.3	39.9	51.2	59.9	64.8	65.8	54.1	39.2	29.7	19.4	38.3
1994	-0.7	7.7	25.3	37.0	48.7	63.6	68.1	61.6	53.5	46.1	33.9	20.1	38.7
1995	15.5	9.1	25.5	34.3	50.8	63.0	69.1	65.1	51.8	47.8	28.2	14.7	39.6
1996	11.2	13.5	23.7	38.8	48.7	62.1	64.6	63.7	55.0	42.2	29.1	26.2	39.9
1997	10.6	12.6	18.8	35.5	47.3	60.3	65.3	61.5	54.2	41.4	29.2	15.9	37.7
1998	13.8	19.7	27.4	40.1	56.2	61.2	66.3	64.1	55.5	43.4	30.0	21.4	41.6
1999	10.5	17.5	30.2	39.2	57.2	63.9	67.2	62.9	61.7	40.6	34.7	22.2	42.3
2000	11.1	14.5	29.9	37.2	49.4	58.7	63.4	62.4	53.6	42.7	35.0	15.5	39.5
2001	10.8	12.2	23.6	37.0	56.4	61.9	64.4	65.8	57.1	46.7	35.6	26.5	41.5
2002	15.4	15.8	24.2	38.2	48.6	57.5	64.1	65.1	58.0	40.3	28.4	17.3	39.4
2003	5.4	7.4	21.1	32.3	49.8	61.8	65.1	64.3	58.4	43.2	32.8	21.7	38.6
2004	3.2	14.9	26.1	39.2	50.6	56.3	65.2	63.6	54.8	44.9	29.9	14.6	38.6
2005	6.8	16.9	24.0	39.6	48.2	63.2	66.3	64.9	56.4	46.6	32.7	18.4	40.3
2006	18.5	14.9	28.3	41.7	54.5	64.0	68.3	60.4	54.9	43.3	36.7	23.6	42.4
2007	12.3	9.3	23.2	36.0	50.3	61.0	65.2	62.1	55.5	47.7	29.2	13.6	38.8
2008	13.2	13.0	18.3	39.9	49.9	60.7	67.6	63.2	55.3	43.4	33.5	16.0	39.5
2009	2.5	17.2	23.0	40.5	50.3	60.0	63.7	65.2	54.5	39.1	36.9	20.3	39.4
2010	19.3	23.7	31.9	44.9	54.8	60.9	69.4	66.1	57.8	44.0	33.1	25.2	44.3
2011	14.0	13.2	24.7	37.6	52.2	60.8	67.2	65.1	58.6	47.0	37.9	22.5	41.7
2012	13.4	17.1	31.5	41.5	53.6	61.6	67.5	68.1	56.8	47.2	31.3	21.4	42.6
POR= 74 YRS	10.4	13.3	24.3	37.5	50.8	60.0	65.4	63.1	54.1	43.4	31.1	16.9	39.2

**HEATING DEGREE DAYS (base 65°F) 2012 CARIBOU (KCAR)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	75	78	257	656	978	1562	1804	1229	1412	748	493	199	9491
1984-85	38	57	396	630	940	1441	1822	1363	1281	884	472	198	9522
1985-86	43	118	272	650	1094	1636	1646	1473	1255	660	394	246	9487
1986-87	105	147	427	733	1167	1505	1704	1465	1140	629	442	142	9606
1987-88	79	152	314	641	1071	1430	1636	1485	1289	760	321	232	9410
1988-89	47	114	373	752	939	1583	1627	1524	1402	841	257	181	9640
1989-90	66	101	303	613	1116	1905	1471	1490	1241	759	490	107	9662
1990-91	57	47	337	623	1014	1370	1791	1392	1172	755	383	158	9099
1991-92	55	66	383	619	959	1595	1691	1564	1382	852	381	163	9710
1992-93	145	73	273	732	1064	1402	1747	1699	1284	748	423	175	9765
1993-94	73	53	327	791	1051	1407	2040	1601	1222	832	500	107	10004
1994-95	24	124	337	578	926	1388	1529	1565	1218	912	433	131	9165
1995-96	12	74	388	522	1098	1551	1666	1490	1271	782	496	116	9466
1996-97	48	83	304	702	1070	1196	1678	1462	1427	879	544	161	9554
1997-98	62	123	318	723	1068	1516	1579	1263	1159	740	269	151	8971
1998-99	42	69	275	660	1045	1346	1681	1323	1073	767	248	103	8632
1999-00	40	105	163	750	903	1320	1662	1456	1079	828	478	216	9000
2000-01	75	93	337	681	893	1525	1672	1474	1277	833	265	147	9272
2001-02	65	64	260	563	874	1186	1532	1372	1260	797	503	238	8714
2002-03	79	94	244	757	1093	1472	1842	1608	1356	975	468	161	10149
2003-04	36	104	199	668	959	1334	1907	1446	1198	768	443	254	9316
2004-05	50	79	302	618	1046	1556	1795	1342	1263	754	515	140	9460
2005-06	36	55	255	566	961	1441	1434	1394	1130	691	318	82	8363
2006-07	15	161	304	666	841	1277	1628	1551	1288	864	460	133	9188
2007-08	66	118	290	529	1069	1586	1593	1500	1440	746	460	139	9536
2008-09	12	74	288	662	939	1513	1931	1332	1292	728	449	170	9390
2009-10	70	80	311	795	838	1376	1410	1153	1018	595	326	141	8113
2010-11	30	41	247	643	951	1228	1573	1449	1245	814	392	137	8750
2011-12	15	40	193	556	809	1312	1594	1383	1031	695	354	132	8114
2012-	20	16	249	544	1003	1348							

WBAN : 14607

**COOLING DEGREE DAYS (base 65°F) 2012 CARIBOU (KCAR)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1983	0	0	0	0	0	62	65	66	32	1	0	0	226
1984	0	0	0	0	9	33	72	79	0	0	0	0	193
1985	0	0	0	0	0	0	82	40	10	0	0	0	132
1986	0	0	0	0	5	10	39	20	1	0	0	0	75
1987	0	0	0	0	2	10	111	38	8	0	0	0	169
1988	0	0	0	0	6	45	131	103	1	0	0	0	286
1989	0	0	0	0	9	37	64	63	19	0	0	0	192
1990	0	0	0	2	0	51	102	106	0	0	0	0	261
1991	0	0	0	0	2	55	89	85	4	0	0	0	235
1992	0	0	0	0	23	26	5	40	12	0	0	0	106
1993	0	0	0	0	0	31	72	83	6	0	0	0	192
1994	0	0	0	0	4	71	128	26	0	0	0	0	229
1995	0	0	0	0	0	76	147	82	0	0	0	0	305
1996	0	0	0	0	0	36	40	51	11	0	0	0	138
1997	0	0	0	0	0	30	77	21	1	0	0	0	129
1998	0	0	0	0	3	43	91	44	0	0	0	0	181
1999	0	0	0	0	12	76	115	48	70	0	0	0	321
2000	0	0	0	0	0	33	33	20	1	0	0	0	87
2001	0	0	0	0	5	59	56	94	31	0	0	0	245
2002	0	0	0	0	1	19	59	105	41	0	0	0	225
2003	0	0	0	0	1	70	47	90	10	0	0	0	218
2004	0	0	0	0	4	2	61	44	0	0	0	0	111
2005	0	0	0	0	0	92	86	59	4	2	0	0	243
2006	0	0	0	0	0	59	126	23	6	0	0	0	214
2007	0	0	0	0	13	22	78	36	11	0	0	0	160
2008	0	0	0	0	0	17	102	23	4	0	0	0	146
2009	0	0	0	0	1	25	36	97	2	0	0	0	161
2010	0	0	0	0	16	26	172	84	37	0	0	0	335
2011	0	0	0	0	2	19	91	49	9	5	0	0	175
2012	0	0	0	0	9	39	105	118	8	0	0	0	279

## SNOWFALL (inches) 2012 CARIBOU (KCAR)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	0.0	0.0	0.0	T	21.0	26.6	27.3	20.1	35.4	3.9	0.2	0.0	134.5
1984-85	0.0	0.0	0.0	0.8	3.8	30.7	10.5	26.8	11.9	5.0	1.3	0.0	90.8
1985-86	0.0	0.0	0.0	T	14.8	18.3	30.0	11.9	18.6	11.3	T	0.0	104.9
1986-87	0.0	0.0	T	0.4	28.1	8.5	26.4	4.1	12.3	5.2	T	0.0	85.0
1987-88	0.0	0.0	T	T	5.2	22.6	32.1	28.2	3.9	6.4	T	0.0	98.4
1988-89	0.0	0.0	0.0	1.2	13.8	11.5	18.4	16.6	11.9	9.4	0.0	0.0	82.8
1989-90	0.0	0.0	T	0.1	14.3	38.0	28.5	18.3	7.6	10.7	0.6	T	118.1
1990-91	0.0	0.0	0.0	T	12.0	22.6	21.5	12.2	24.0	2.5	0.0	T	94.8
1991-92	0.0	0.0	2.5	T	7.1	19.4	14.8	38.6	4.2	7.4	T	0.0	94.0
1992-93	T	0.0	T	0.4	5.3	15.9	5.6	22.8	23.4	7.1	T	0.0	80.5
1993-94	0.0	0.0	0.0	0.2	10.5	13.9	44.5	20.3	28.8	9.5	T	0.0	127.7
1994-95	0.0	0.0	T	T	9.8	25.9		40.9	15.7	7.9	1.1	0.0	
1995-96	0.0	T	0.0	T	8.9	25.1	18.4	22.7	16.5	13.1	5.7	0.0	110.4
1996-97	0.0	0.0	0.0	0.8	8.5	14.4	35.5	30.2	28.9	11.7	0.9	0.0	130.9
1997-98	0.0	0.0	0.0	8.9	9.6	37.3	39.9	8.8	11.0	8.5	T	0.0	124.0
1998-99	0.0	0.0	0.0	T	12.6	21.9	36.7	18.5	30.3	8.8	T	0.0	128.8
1999-00	0.0	0.0	0.0	0.2	4.1	6.7	43.7	32.5	15.4	9.8	T	T	112.4
2000-01	T	0.0	0.0	10.3	5.2	32.7	14.2	30.5	30.6	8.6	0.0	0.0	132.1
2001-02	0.0	0.0	0.0	0.0	9.0	4.2	26.0	23.1	21.6	4.2	3.1	0.0	91.2
2002-03	0.0	0.0	0.0	1.3	19.7	15.0	15.2	39.1	23.3	3.7	T	0.0	117.3
2003-04	0.0	0.0	0.0	7.9	3.8	43.0	23.8	11.9	8.7	2.8	T	0.0	101.9
2004-05	0.0	0.0	0.0	0.0	11.3	24.2	24.5	25.3	37.6	5.5	0.0	0.0	128.4
2005-06	0.0	0.0	0.0	4.2	17.6	43.4	19.7	7.8	1.4	1.9	0.0	0.0	96.0
2006-07	0.0	0.0	0.0	T	3.2	8.5	17.6	21.3	26.2	29.0	0.8	0.0	106.6
2007-08	0.0	0.0	0.0	0.8	16.0	54.5	26.5	47.7	45.2	7.1	T	0.0	197.8
2008-09	0.0	0.0	0.0	1.0	9.6	39.7	29.5	18.4	16.6	3.3	0.0	0.0	118.1
2009-10	0.0	0.0	0.0	6.4	3.3	27.0	17.6	9.8	5.5	0.7	0.0	0.0	70.3
2010-11	0.0	0.0	0.0	T	8.1	12.2	19.8	29.1	24.9	14.3	T	T	108.4
2011-12	0.0	0.0	0.0	1.4	1.7	17.0	26.1	29.2	20.9	7.4	0.0	0.0	103.7
2012-	0.0	0.0	0.0	T	1.6	26.9							
POR= 74 YRS	T	T	T	1.8	11.2	23.5	23.9	22.7	19.7	8.2	0.7	T	111.7

WBAN : 14607

### 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 EIGHTHS(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 CARIBOU MAINE (KCAR)

The Caribou Municipal Airport is located in Aroostook County, the largest and northernmost county in the state. The airport lies on top of high land which is about on the same level as most of the surrounding gently rolling hills. The Aroostook River, which runs about 1 mile to the east and southeast of the station, has little effect on the local weather. Even though Caribou is located only 150 miles from the Atlantic coast, its climate can be justly classed as a severe typical continental type. Winters are particularly long and windy, and seasonal snowfalls averaging over 100 inches are not unusual. While the extreme low temperatures may be less severe than one might expect, temperatures of zero or lower normally occur over 40 times per year. A study of heating degree day data will show the outstanding part that cold weather plays here.

Summers are cool and generally favored with abundant rainfall, which is one of the most important factors in the high yield of the potato and grain crops throughout the county. Our location high up in the St. Lawrence Valley allows Aroostook County to come under the influence of the Summer Polar Front, resulting in practically no dry periods of more than 3 or 4 days in the growing season. The growing season at Caribou averages more than 120 days, with the average last freeze in the spring in mid-May and the average first freeze in autumn in late September.

Autumn climate is nearly ideal, with mostly sunny warm days and crisp cool nights predominating. Aroostook County, even with its relatively short growing season, provides profitable farming. The principal crops are potatoes, peas, a variety of grains, and some hardy vegetables.

Probably unknown to many victims of hay fever and similar afflictions, the immediate Caribou area offers sparkling visibility and relatively pollen-free air in the late summer months. This latter condition is principally due to the extremely high degree of cultivation of all available land.

# Station History

CARIBOU, ME

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
CARIBOU MUNICIPAL AP	2004-09-09	2008-07-28	46° 52'	-68° 1'	624		ASOS, COOP
CARIBOU MUNICIPAL AP	1973-01-01	1981-12-31	46° 52'	-68° 1'	624		COOP, WXSVC
CARIBOU MUNICIPAL AP	1937-08-01	1948-01-01	46° 52'	-68° 1'			AIRWAYS
CARIBOU MUNICIPAL AP	1948-01-01	1967-01-01	46° 52'	-68° 1'	627		AIRWAYS, COOP
CARIBOU MUNICIPAL AP	1996-08-01	2004-09-09	46° 52'	-68° 1'	624		ASOS, COOP
CARIBOU MUNICIPAL AP	2008-07-28	2011-04-24	46° 52'	-68° 1'	624		ASOS, COOP
CARIBOU MUNICIPAL AP	2011-04-24	Present	46° 52'	-68° 1'	624		ASOS, COOP
CARIBOU MUNICIPAL AP	1981-12-31	1996-08-01	46° 52'	-68° 1'	624		COOP
CARIBOU MUNICIPAL AP	1967-01-01	1973-01-01	46° 52'	-68° 1'	624		AIRWAYS, COOP

# Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1979-04-01	1979-04-26	DAILY		UNIV	RCRD	
PRECIP	1979-04-26	1991-09-01	DAILY		UNIV	RCRD	
MAX/MINTEM	1991-09-01	1995-07-01	DAILY	2400	PALMER		
EVAP	1991-09-01	1995-07-01	DAILY	1700	SIXES		
MAX/MINTEM	1995-07-01	1999-07-01	DAILY	2400	PALMER		
EVAP	1995-07-01	1999-07-01	DAILY	1700	SIXES		
EVAP	1999-07-01	2000-02-10	DAILY	1700	PAN-LEVEL		
EVAP	2000-02-10	2004-09-09	DAILY		WIND		
EVAP	2004-09-09	2008-07-28	DAILY	1700	EVAP-C		
TEMP	1979-04-01	1979-04-26	DAILY	2400			
MAX/MINTEM	1979-04-26	1991-09-01	DAILY	2400	PALMER		
EVAP	1979-04-26	1991-09-01	DAILY	1700			
PRECIP	1991-09-01	1995-07-01	HOURLY	2400			
TEMP	1995-07-01	1999-07-01	DAILY	2400	MXMN		
EVAP	1999-07-01	2000-02-10	DAILY	1700	WIND		
PRECIP	2000-02-10	2004-09-09	DAILY	2400	UNIV	RCRD	
MAX/MINTEM	2004-09-09	2008-07-28	DAILY	1700	PALMER		
TEMP	1937-08-01	1979-04-01	DAILY	2400			
PRECIP	1979-04-26	1991-09-01	HOURLY	2400			
TEMP	2004-09-09	2008-07-28	DAILY	2400	ATEMP		
MAX/MINTEM	2008-07-28	Present	DAILY	1700	PALMER		
TEMP	2008-07-28	Present	DAILY	2400	ATEMP		
PRECIP	2008-07-28	Present	HOURLY	2400	AWPAG	RCRD;HTD	
EVAP	1937-08-01	1979-04-01	DAILY	1700			
PRECIP	1979-04-01	1979-04-26	HOURLY	2400			
EVAP	1991-09-01	1995-07-01	DAILY	1700	PAN-LEVEL		
TEMP	1991-09-01	1995-07-01	DAILY	2400	MXMN		
TEMP	1999-07-01	2000-02-10	DAILY	2400	MXMN		
EVAP	1995-07-01	1999-07-01	DAILY	1700	PAN-LEVEL		
MAX/MINTEM	2000-02-10	2004-09-09	DAILY	2400	PALMER		
EVAP	2008-07-28	Present	DAILY	1700	EVAP-C		
PRECIP	1937-08-01	1979-04-01	DAILY		UNIV	RCRD	
PRECIP	1999-07-01	2000-02-10	HOURLY		UNIV	RCRD	
MAX/MINTEM	1999-07-01	2000-02-10	DAILY	2400	PALMER		
TEMP	2000-02-10	2004-09-09	DAILY	2400	MXMN		
EVAP	2000-02-10	2004-09-09	DAILY		EVAP-C		
PRECIP	2004-09-09	2008-07-28	HOURLY	2400	TB	RCRD	
EVAP	1979-04-01	1979-04-26	DAILY	1700			
TEMP	1979-04-26	1991-09-01	DAILY	2400			
EVAP	1991-09-01	1995-07-01	DAILY	1700	WIND		
EVAP	1999-07-01	2000-02-10	DAILY	1700	SIXES		
PRECIP	2004-09-09	2008-07-28	DAILY	2400			
PRECIP	1991-09-01	1995-07-01	DAILY		UNIV	RCRD	

Element History continued on next page. Also see Station Metadata link below for complete history.

\* 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)



# Element History

CARIBOU, ME

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment	Equipment Modifications	Equipment Exposure
PRECIP	1995-07-01	1999-07-01	DAILY		UNIV	RCRD	
EVAP	1995-07-01	1999-07-01	DAILY	1700	WIND		
PRECIP	1999-07-01	2000-02-10	DAILY	2400	UNIV	RCRD	
EVAP	2000-02-10	2004-09-09	DAILY		SIXES		
PRECIP	2000-02-10	2004-09-09	HOURLY		UNIV	RCRD	
PRECIP	2008-07-28	Present	DAILY	2400	PCPNX		