1959

INSTRUCTIONS FOR W. B. FORM 612–14 (Formerly 1009)

1. Observations should be taken at a regular hour each day, preferably between 5 p. m. and 8 p. m., since normally the thermometers then register the highest and lowest temperature for the day. Observations should be taken at approximately the same time during the entire year. If you have been instructed to measure the precipitation in the morning, or if it is necessary for any reason that you read the thermometers in the morning, an evening temperature observation should also be taken. If thermometers are read twice daily, they should be *set* only at the evening observation. Temperatures entered on this form will then be for the 24 hours ending at time of evening observations, while the precipitation will be for the 24 hours ending at time of morning observations. The time (or times) of the observations should be entered in the heading on the form. W. B. Form 612–7 (formerly 1011) "Official Weather Observer's Record" may be used to record the observations as they are taken. If Form 612–7 (formerly 1011) is used the data should be promptly copied into Form 612–14. Form 612–7 (formerly 1011) may be retained by the observer. Additional instructions may be found in Circular B and other special circulars as issued, and they should be studied carefully by every observer.

2. Begin a new form on the first of every month. Fill in the heading completely. Enter the station name as it appears in "Climatological Data." Standard of time in use should be shown by the letters E, C, M, or P for Eastern, Central, Mountain, or Pacific. If your report is prepared in Daylight Saving time, the letter D should be entered just after the letters E, C, M, or P, as ED, CD, MD, or PD. Enter the temperature at time of observation and precipitation beginnings and endings for the last day of the preceding month in the space provided just above the line for the first of the month.

3. The following order should be followed in making temperature observations: (*a*) Read minimum thermometer and record the reading; (*b*) read maximum thermometer and record the reading; (*c*) set the maximum thermometer; (*d*) set the minimum thermometer.

4. MINIMUM TEMPERATURE.—The minimum thermometer is read while in the "set" position. The reading is taken from the upper or right-hand end of the small index. It should be read before the maximum thermometer, so that the index in the minimum will not be jarred or disturbed before the reading is made.

5. MAXIMUM TEMPERATURE.—To obtain the maximum temperature, slowly lower the maximum thermometer to a vertical position, with the bulb down. Then read the temperature shown by the top of the mercury column. The thermometer bulb must not be touched.

6. CURRENT TEMPERATURE AT TIME OF OBSERVATION.—The current temperature may be obtained at any time by reading the end of the alcohol column in the minimum thermometer without disturbing the instrument. This temperature may also be obtained from the maximum thermometer at observation time after it has been whirled, while it is still in a vertical position.

7. SETTING THE THERMOMETERS.—After both maximum and minimum temperatures have been obtained, the maximum thermometer is set by whirling it in a clockwise direction until the reading is the same as that shown by the end of the alcohol column in the minimum thermometer. It should then be returned to its nearly horizontal position, with the bulb end slightly elevated. The minimum thermometer is set by raising the bulb end sufficiently to allow the small index to slide to the end of the alcohol column and then lowering the thermometer to a nearly horizontal position. After setting, the temperatures shown by the respective thermometers should agree within one degree; a greater difference should be indicated under remarks on the right of the form.

8. RECORDING THE TEMPERATURES.—Enter maximum temperature, minimum temperature, and temperature at time of observation in the proper column to the nearest whole degree. Enter on line for date of observation. If the temperature is below zero, place a minus sign in front of the reading.

9. PRECIPITATION, TIMES OF BEGINNING AND ENDING.—Beginnings and endings must always be entered on the calendar date(s) on which they actually occur. Show the hours during which precipitation fell by drawing a solid horizontal line through the hour columns for the period of actual observed occurrence. If the beginnings and endings were not observed, draw a waved line through the hours of probable occurrence. This is a vital part of the record and should be kept as complete and accurate as possible.

10. PRECIPITATION, 24-HOUR TOTAL ENDING AT OBSERVATION.—Record in the column headed "Rain, Melted Snow, etc.," the total depth of rain or the water resulting from melted hail, sleet, or snow for the preceding 24 hours, regardless of whether it fell on the day of observation or after observation time on the preceding day. *The amount should always be entered on the date(s) of measurement.* Every entry of measurable precipitation should be recorded to two decimal places and the decimal point should be carefully entered in its proper place. If the amount is .05 (five hundredths) it should be entered as .05, if it is .50 (fifty hundredths) it should be entered as .50, and if it is one inch and sixty hundredths as 1.60. *When no precipitation falls during the 24-hour observational period, a "0" (zero) should be entered so there will be no doubt as to whether any precipitation fell.*

11. MEASURING LIQUID PRECIPITATION.—It is not necessary to remove the measuring tube to make a measurement. Insert a dry measuring stick into the measuring tube. Permit the stick to rest on the bottom of the tube for 2 or 3 seconds. Withdraw the stick and read the depth of precipitation at the upper limit of the wet portion of the stick. This amount should be entered on the date of measurement. The gage is so constructed that the depth of water in the measuring tube is magnified ten times by allowing it to collect in the smaller tube. The measuring stick supplied with the gage is graduated in such a manner that its smallest division represents .01 inch of actual precipitation. The measuring tube should be emptied and replaced in the large can after the measurement has been noted. If the measuring tube of the gage is full (this equals 2 inches of precipitation), carefully remove it from the overflow container and empty it. Pour the overflow into the measuring tube, measure it, and add the value to the 2 inches emptied from the tube. If, in removing the full measuring tube, some water is spilled into the overflow container, measure the amount remaining in the tube before measuring the amount of the overflow. The total precipitation is then the sum of the individual measurements. When measurement is completed, empty the measuring tube and reassemble the gage.

12. MEASURING FROZEN PRECIPITATION.—When frozen precipitation is likely to fall, remove the funnel and inner tube of the rain gage and leave only the large can exposed. Melt the catch of snow or ice by the following method. Pour a measured quantity of warm water into the overflow container of the gage to melt the collected snow or ice. Pour the entire contents into the measuring tube. Measure the water as outlined above. To obtain the water equivalent of the precipitation, subtract the amount of water used to melt the solid precipitation from the total measurement. This water equivalent should be entered in the "Rain, Melted Snow, etc.," column. The receiver of the gage makes a very convenient funnel for this operation.

If solid precipitation falls when the funnel and tube have not been removed and it is thought the gage has caught only a portion of the fall, it will provide a more accurate measurement to discard the questionable amount in the gage and then to proceed as follows: Select a place where the new fall is as little disturbed as possible, cut out a section by sinking the inverted overflow can through the frozen precipitation and cover the mouth by slipping a sheet of tin or thin board under it. Be careful to include only the precipitation that fell during the preceding 24 hours. This section should then be melted as indicated above and measured to obtain the water equivalent.

13. NEW SNOWFALL, SLEET, OR HAIL, 24-HOUR FALL.—Measure the depth of new snow, sleet, or hail which has fallen during the preceding 24 hours only. Separate falls which melt during the 24-hour period are to be added together. Enter the total amount in inches and tenths in the column headed "24-hr. amounts, Snow, Sleet, Hail." Where drifting occurs, measurements should be made at several points where drifting is least and the average of these should be entered. If frozen precipitation melts as it falls, enter the amount as "T" (trace) with a note "Melted as it fell." If the total unmelted fall measures less than half the distance from the end of the measuring stick to the first etched mark, the amount should be entered as "T" (trace). If there is an entry in this column there must be an entry for the same date in the "Rain, Melted Snow, etc.," column to show the water equivalent.

14. TOTAL SNOW, SLEET, HAIL, ICE DEPTH ON GROUND AT OBSERVATION.—The average depth remaining on the ground at time of observation in the vicinity of the station should be entered to the nearest inch (no decimals or fractions to be used) in the column headed "At obsn. Snow, Sleet, Hail, Ice on ground." This measurement should be made by taking the average of the depths at three or more places least affected by drifting. This depth includes any new fall accumulated on top of older snow, sleet, ice, or hail. An entry should be made each day in this space as long as snow, sleet, or ice remains on the ground. For the day on which the covering melts completely, enter "0." Omit entries thereafter until the next accumulation. Enter "T" for less than one-half inch.

15. WEATHER.—Under "Weather" enter an "X" in the proper space for each type or types that occur during the calendar day midnight to midnight. A brief explanation of the six types carried in this block follows:

Fog: Minute water droplets suspended in the air.
Sleet: Transparent, hard pellets of ice. Temperature is usually below freezing when sleet occurs.
Glaze: (From freezing rain or freezing drizzle). Rain or drizzle that falls in liquid form but freezes to the exposed surfaces of the ground, or to unheated objects, forming a smooth coating of ice.
Thunder: Thunder heard at the station, whether or not rain fell.
Hail: Ice balls which usually fall during thunderstorms, when the temperature is considerably above freezing.
Damaging winds: Winds resulting in damage to vegetation, buildings, or other property.

16. The next column headed "Time of Observation if Different from the Above" is to be used only when for some reason it has been impossible to take the observation at the proper time (or within one hour of the proper time). On such days the actual time of the observation should be entered in this column. In the event the time refers to the precipitation only, the time entry should be circled.

17. In the next column headed "Important Weather Conditions not Included in Weather Block, Remarks, etc.", additional information such as time and intensity may be given about any of the items checked in the weather block or any other weather information such as periods of dry or wet, severe storms, etc. Deaths and damage due to weather should be noted. Also record here the dates of "killing freeze" in the spring and fall. A "freeze" may or may not be accompanied by an actual deposit of frost. A "killing freeze" is a freezing condition capable of having widely destructive effects on staple vegetation, usually accompanied by temperatures observed in the instrument shelter below 32° F. Under arid or windy conditions, frost does not always form when a killing freeze occurs. Heavy frost is not always an indication of a killing freeze. If additional space is required, place a check at the bottom of the page and write the additional remarks on a continuation sheet. Number of copies and distribution of the continuation sheet should be the same as for Form 612–14.

18. Enter station, month, year, and your name on the bottom of the form. Enter name of your post office, only if it is different from the name of your station.

19. Sums, averages, and extremes need not be entered by the observer.

20. Always forward promptly the original and one copy of your monthly report to the designated office after the close of each month, unless instructed otherwise.

16—59784-4 U. S. GOVERNMENT PRINTING OFFICE

W. B. FORM 6.3-4 (FORMERLY 1009)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

(REVISED 1956)

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Station Your Station

County Your County

State Your State

Time of observation (local time) if once daily 6P; If at different times, temperature _____, precipitation _____

Month Sample, 1956

Standard time in use E

Date	Temperature °F: 24 hrs. ending at observation — Max.	Min.	At obsn.	Precipitation: Draw a straight line (—) through hours precipitation was observed, and a waved line (~) through hours precip. probably occurred unobserved. (A.M. / NOON / P.M.)	24-hr. amounts: Rain, Melted snow, etc. (ins. & hund'ths)	Snow, Sleet, Hail (ins. & tenths)	At obsn.: Snow, Sleet, Hail, Ice on grd (inches)	Weather (Calendar Day): Mark 'X' for all types occurring each day — Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of Obsn if different from the above	Important weather conditions not included in 'Weather' block, remarks, etc.
1	93	61	81		.01										
2	101	57	86		24						X	X	X		Stong winds & severe thunderstorms
3	97	67	82		2.03	.5	0				X	X	X		Hail up to 1" in diam.
4	100	71	87		0										
5	88	63	73		.08									8P	
6	84	59	75		0										
7	81	49	72		0										
8	79	53	71		.27										
9	74	47	64		0										
10	69	38	60		0										
11	63	34	55		0										
12	58	46	54		T										
13	63	50	57		.07										
14	59	45	53		.22										
15	54	43	45		.15								X		Damage to several roofs reported
16	49	26	32		0										
17	34	15	19		T	T	T								
18	23	0	5		T	T	0								
19	8	9	-5		0										
20	-4	-18	8		0										See continuation sheet
21	0	-10	0		0										
22	19	0	11		0										
23	28	8	25		.66	7.5	7		X				X		Highways blocked by drifting snow
24	32	22	30		45	4.8	10								
25	44	27	41		0		8								
26	47	26	43		.03	.3	6								
27	53	34	46		0		3								
28	58	38	49		0		T								
29	52	33	35		.02		0								
30	49	28	43		.12										
31	57	42	51		0										
Sum								Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind		
Avg															
Extreme															

Observer Your name

Post Office _____

Check ☑ when additional sheet is used for remarks

List forms or supplies needed Carbon paper, envelopes & continuation sheets

Station Your station Month Sample, 1956

9	74	47	64		0												
10	69	38	60		0												
11	63	34	55		0												
12	58	46	54		T												
13	63	50	57		.07												
14	59	45	53		.22												
15	54	43	45		.15								X			Damage to several roofs reported	
16	49	26	32		0												
17	34	15	19		T	T	T										
18	23	0	5		T	T	0										
19	8	9	-5		0												
20	-4	-18	8		0											See continuation sheet	
21	0	-10	0		0												
22	19	0	11		0												
23	28	8	25		.66	7.5	7		X				X			Highways blocked by drifting snow	
24	32	22	30		45	4.8	10										
25	44	27	41		0		8										
26	47	26	43		.03	.3	6										
27	53	34	46		0		3										
28	58	38	49		0		T										
29	52	33	35		.02		0										
30	49	28	43		.12												
31	57	42	51		0												
Sum									Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind			
Avg.																	
Extreme																	

Observer Your name

Post Office

Check ☑ when additional sheet is used for remarks

List forms or supplies needed Carbon paper, envelopes & Continuation sheets

Station Your station Month Sample 1956

WB FORM 612-14 (FORMERLY 1009)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Station [illegible] Harbor

County Washington Park

State Maine

Time of observation (local time) if once daily 5:00 P.M. Month January 19 59

If at different times, temperature _____, precipitation _____ Standard time in use EST

Date	TEMPERATURE °F: 24 hrs. ending at observation Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a waved line (~) through hours precip. probably occurred unobserved. A.M. NOON P.M.	24-hr. amounts: Rain, Melted Snow, etc. (ins. & hundredths)	Snow, Sleet, Hail (ins. & tenths)	At obsn. Snow, Sleet, Hail, Ice on gnd (inches)	WEATHER (CALENDAR DAY) Mark 'X' for all types occurring each day: Fog	Sleet	Glaze	Thunder	Hail	Damaging wind	Important weather conditions not included in 'Weather' block	REMARKS
1	36	11	32				1							Clear	
2	38	20	34		.71	3	4							Cloudy	
3	36	28	35				2							P.C.	
4	40	30	36				2							Cloudy	
5	36	-1	-1		.58	2	4							P.C. Windy	
6	4	-5	-2				4							P.C.	
7	15	-7	10				4							Clear	
8	20	2	19				4							Clear	
9	19	12	14				4							Clear	
10	20	9	16				4							Clear	
11	35	6	31				3							Clear	
12	36	7	32				3							Clear	
13	34	23	33				3							Clear	
14	33	19	27				3							P.C.	
15	28	17	28		.12		3	X	X					Cloudy	
16	45	28	23			.75	1			X				P.C.	
17	50	26	26		.72		1							Clear	
18	27	13	23				1							P.C.	
19	28	6	28				1							P.C.	
20	36	26	26		T		1							Cloudy	
21	35	18	35		.93	1	2							Cloudy	
22	51	32	43		.59		—							P.C.	
23	49	22	22				—							Clear	
24	23	10	15				—							Cloudy	
25	34	10	26		.05	2	2							Clear	
26	26	-2	7				2							Cloudy	
27	27	7	22		.10	2	4							Cloudy	
28	29	1	28				2							Clear	
29	34	14	30				2							Clear	
30	45	24	43		.21		—							Cloudy	
31	44	14	14				—							Clear	
Sum	1013	420			4.01	10.0		Fog	Sleet	Glaze	Thunder	Hail	Damaging wind		
Avg.	32.7	13.5													
Extreme															

Observer _____

Post Office _____

List forms or supplies needed _____

Station _____ Month _____, 19__

16—59784-2

WB Form 612-14

W. B. Form 4-1-54 (FORMERLY 1031)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

(REVISED 1954)

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Station: Bar Harbor

County: Hancock Nat'l Park

State: Maine

Time of observation (local time) if once daily: 5:00 P.M.

If at different times, temperature _____, precipitation _____

Month: February, 1959

Standard time in use: E.S.T.

Date	TEMPERATURE °F: 24 hrs. ending at observation — Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a waved line (~~~) through hours precip. probably occurred unobserved. (A.M. / NOON / P.M.)	24-hr. amounts: Rain, Melted snow, etc. (Ins. & hundredths)	Snow, Sleet, Hail (Ins. & tenths)	At obsn. Snow, Sleet, Hail, ice on gnd (inches)	WEATHER (CALENDAR DAY): Mark 'X' for all types occurring each day: Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of obsn. if different from the above	Important weather conditions not included in 'Weather' block, remarks, etc.
1	15	-3	8				—								Clear
2	15	-7	15				—								P.C.
3	34	14	30				—								Clear
4	42	24	40		1.10		—								Rain
5	41	28	33				—								Clear
6	39	25	25				—								P.C.
7	26	0	18				—								Clear
8	23	7	7				—								Clear
9	10	-8	10				—								Clear A.M Cloudy P.M.
10	33	8	25		.34	3	3								Cloudy - Freezing Rain
11	26	12	17		.10		3								Pt. Cloudy
12	20	2	18				3								Clear
13	42	18	40		.05	1	3								Clear
14	40	13	31				—								Clear
15	34	22	22		1.4	15	15								Clear to P.C.
16	32	-10	32		.05		15								Pt. Cloudy
17	39	29	34				14								Cloudy
18	37	27	34		.20		8	✓							Cloudy & Rain
19	33	12	13		.67		8								Cloudy
20	14	-4	6				8								Clear.
21	22	0	22				8								P.C.
22	23	4	14				8								Clear
23	22	2	19				8								P.C.
24	24	14	23				8								P.C.
25	26	8	20				5								Cloudy
26	29	7	26				8								clear
27	36	18	34				7								Clear
28	41	19	35				6								Clear - Haze
29															
30															
31															
Sum	818	420			3.7	19.0									
Avg.	29.2	10.0													
Extremes					Greatest:										

Observer: _____

Post Office: _____

Fog | Sleet | Glaze | Thunder | Hail | Damaging Wind — Check ☐ when additional sheet is used for remarks.

List forms or supplies needed: _____

Station: _____ Month: _____, 19__

17-0371-3

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU (REVISED 1936)

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Station: Bar Harbor
County: Acadia Nat'l Park
State: Maine

Time of observation (local time) if once daily: 5:00 P.M.
If at different times, temperature _____, precipitation _____

Month: March, 1959
Standard time in use: E.S.T.

Date	TEMPERATURE °F: 24 hrs. ending at observation — Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a waved line (~~) through hours precip. probably occurred unobserved. (A.M. / NOON / P.M.)	24-hr. amounts: Rain, Melted snow, etc. (ins. & hund'ths)	Snow, Sleet, Hail (ins. & tenths)	At obsn. Snow, Sleet, Hail, Ice on gnd. (inches)	WEATHER (CALENDAR DAY) Mark 'X' for all types occurring each day: Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of obs. if different from 5:00 P.M.	Important weather conditions not included in "Weather" block, remarks, etc.
1	40	28	37				5								Clear
2	45	34	40		.57		3								Clear
3	40	29	35		.49	2	5								Cloudy
4	34	26	31		1.07	7	12								Cloudy
5	35	28	34				12								Clear
6	37	15	37		1.08		8								Cloudy
7	48	36	38		.32		4								P.C.
8	38	13	26				4								Clear
9	25	10	20		.10	2	6								Cloudy
10	33	16	31		.07		6								Clear
11	34	15	32				6								Clear
12	32	6	25		.41	6	12								Cloudy - High Wind & Snow
13	39	24	27		.37	4	16								P.C.
14	38	24	36				14								Clear
15	37	15	35				13								P.C.
16	44	32	40		.38		12								P.C.
17	40	28	34				10								Clear
18	34	21	21				9								Clear
19	38	12	38				8								P.C.
20	57	36	55				6								Clear
21	53	35	38				4								P.C.
22	45	18	18		.42	T	8								Clear
23	33	8	31				2								Clear
24	43	24	42				2								Clear
25	43	26	40				2								P.C.
26	46	30	42				0								Clear
27	43	25	41				0								P.C.
28	32	21	31				0								P.C.
29	41	19	35				0								Clear
30	42	32	38				0								P.C.
31	48	27	44				0								Hazy
Sum	1239	716													
Avg.	40.0	23.1													
Extreme															
					Sum	3.28	21.0								
					Greatest										

Observer _____
Post Office Bar Harbor, Me.

Check ☐ when additional sheet is used for remarks

List forms or supplies needed _____

Station Acadia Nat'l Park Month April, 19 59

17-0371-3

W. B. FORM 612—14 (FORMERLY 1001) U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU (REVISED 1936)

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Station Bar Harbor Conty Hancock State Maine

Time of observation (local time) if once daily 5:00 P.M., if at different times, temperature ____, precipitation ____

Month March, 19 59 Standard time in use EST

Date	TEMPERATURE °F: 24 hrs. ending at observation — Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a waved line (~) through hours precip. probably occurred unobserved. (A.M. / NOON / P.M.)	24-hr. amounts: Rain, Melted snow, etc. (ins. & hundths)	Snow, Sleet, Hail (ins. & tenths)	At obsn. Snow, Sleet, Hail, Ice on grd (inches)	WEATHER (CALENDAR DAY) Mark 'X' for all types occurring each day: Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of Obsn. If different from the above	Important weather conditions not included in 'Weather' block; remarks, etc.
1	49	32	43			T								P.C. clearing in P.M.
2	43	29	37											Cloudy
3	52	34	51		1.5									Cloudy - clearing P.M.
4	41	38	41		.38									Cloudy
5	52	36	44											Clear
6	50	40	42		.11									Cloudy
7	47	29	46											Clear
8	55	33	55											Cloudy
9	55	35	41											Showers
10	53	39	48											Clear - Misty
11	48	35	40		.22									Cloudy - Fog
12	45	35	42											Clear
13	45	26	40											Clear
14	46	28	38											Clear
15	50	29	50											CLEAR
16	50	32	41											CLEAR
17	56	32	52											CLEAR
18	53	30	43											CLEAR
19	67	39	57		.14									CLEAR
20	36	58	36		.13			1						Cloudy
21	51	34	45											Clear
22	53	39	49											Clear
23	58	28	58											Clear
24	66	29	62											Clear
25	62	41	57											Clear
26	60	44	51		T									Cloudy
27	58	39	46											Cloudy
28	49	32	48											CLEAR
29	40	37	39											Overcast - Fog
30	56	39	44		.15									Overcast Fog
31														
Sum	1546	1052			2.63									
Avg.	51.5	35.1												
Extreme														

Observer RIDDLE

Post Office BAR HARBOR, ME.

Check ☐ when additional sheet is used for remarks

List forms or supplies needed

Station ACADIA NAT'L PARK Month APRIL, 19 59

17-0371-3

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU — (REVISED 1956)

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Station: BAR HARBOR — County: HANCOCK — State: MAINE

Time of observation (local time) if once daily: 5:00 PM — If at different times, temperature _____, precipitation _____

Month: MAY 19 59 — Standard time is one: DST

Date	TEMPERATURE °F: 24 hrs. ending at observation: Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a waved line (~~) through hours precip. probably occurred unobserved. (A.M. / NOON / P.M.)	24-hr. amounts: Rain, Melted snow, etc. (Ins. & hund'ths)	Snow, Sleet, Hail (Ins. & tenths)	At obsn.: Snow, Sleet, Hail, Ice on gnd (Inches)	WEATHER (CALENDAR DAY): Mark 'X' for all types occurring each day: Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of Obsn. If different from the above	Important weather conditions not included in 'Weather' block, remarks, etc.
1	45	39	40		.01			V							Cloudy
2	58	39	58		.16										Clear
3	58	40	58		T										Cloudy
4	55	43	53		T										P. Cloudy
5	62	39	52												Clear
6	61	38	60												Clear
7	61	36	54												P.C.
8	57	44	56		.09										P.C.
9	63	38	57												Clear
10	68	45	68												P. Cloudy
11	70	47	53												P. Cloudy
12	80	45	76												Clear
13	76	51	70												P. Cloudy
14	70	48	63		.17			V							Cloudy
15	63	48	53		.01										Cloudy
16	56	44	55		.13										P. Cloudy
17	56	40	50												Clear
18	59	41	59												P. Cloudy
19	68	34	65												P. Cloudy
20	70	39	63		.02										Cloudy
21	88	52	56												P. Cloudy
22	83	46	83		.29			V							P. Cloudy
23	83	51	65												P. Cloudy
24	65	48	50												Cloudy
25	68	45	68		.14										Clear
26	78	48	71												Clear
27	82	49	79												Clear
28	87	49	86												Clear
29	86	52	53												CLEAR
30	57	47	55		.17			V			V				Cloudy
31	66	32	57												Clear
Sum	2099	1372			Sum 1.19										
Avg.	67.7	44.3													
Extreme					Greatest										

Observer: Acadia National Park — Post Office: Bar Harbor Me

Fog | Sleet | Glaze | Thunder | Hail | Damaging Wind

Check ☐ when additional sheet is used for remarks

List forms or supplies needed _____

Station _____ Month _____, 19 ____

17-0371-3

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Station Bar Harbor
County Hancock
State Maine

Time of observation (local time) if once daily 2:00 PM
If at different times, temperature _____, precipitation _____

Month June 19 59
Standard time is use DST

Date	TEMPERATURE °F 24 hrs. ending at observation Max.	Min.	At obsn.	PRECIPITATION Draw a straight line (—) through hours precipitation was observed, and a waved line (~) through hours precip. probably occurred unobserved. A.M. NOON P.M.	24-hr. amounts Rain, Melted snow, etc. (Ins. & hund'ths)	Snow, Sleet, Hail (Ins. & tenths)	At obsn. Snow, Sleet, Hail, Ice on gnd (inches)	WEATHER (CALENDAR DAY) Mark 'X' for all types occurring each day Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of Obsn. If different from the above	Important weather conditions not included in 'Weather' block, remarks, etc.
1	58	44	52												Overcast
2	62	47	56		.07										Overcast
3	74	50	76		.96			X							Part Cloudy
4	76	55	70												Clear
5	71	45	63												Part Cloudy
6	66	52	62												Part Cloudy
7	63	44	49		.46			X							Cloudy
8	53	47	49		.05			X							Cloudy & fog
9	50	48	48		.12			X							Cloudy & fog
10	81	46	81		.03										Part Cloudy
11	84	50	67												Clear
12	62	46	55		T										Part Cloudy
13	62	53	58		1.12			X				X			Cloudy
14	64	45	56		1.06			X							Cloudy
15	56	46	48		.36			X							Cloudy
16	52	47	51		.16			X				X			Cloudy
17	55	49	53		.06			X							Cloudy
18	54	49	49		.75			X							Cloudy
19	55	47	52		.02			X							Cloudy
20	66	51	63		.22			X							Cloudy
21	68	47	59												Part Cloudy
22	70	51	69		.4										Cloudy
23	74	52	74					X							Part Cloudy
24	75	49	68												Part Cloudy
25	68	53	55		.10										Cloudy
26	57	50	57		.09										Cloudy
27	60	48	58		.55			X							Cloudy
28	63	49	58		T										Cloudy
29	60	50	57		1.13			X							Cloudy
30	83	49	76												Clear
31															
Sum	1947	1459			Sum 7.35			Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind		
Avg.	64.9	48.6													
Extreme					Greatest										

Observer ACADIA NATIONAL PARK
Post Office BAR HARBOR, Me.

Check ☐ when additional sheet is used for remarks
List forms or supplies needed _____

Station _____ Month _____, 19____

17-037153

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

Station BAR HARBOR

County HANCOCK

State MAINE

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Time of observation (local time) if once daily 5:00 P.M.

If at different times, temperature _____, precipitation _____

Month JULY 19 59

Standard time in use DST

Date	TEMPERATURE °F: 24 hrs. ending at observation Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a waved line (~) through hours precip. probably occurred, unobserved. (A.M. / NOON / P.M.)	24-hr. amounts: Rain, Melted snow, etc. (ins. & hund'ths)	Snow, Sleet, Hail (ins. & tenths)	At obsn.: Snow, Sleet, Hail, Ice on gnd. (inches)	WEATHER (CALENDAR DAY): Mark 'X' for all types occurring each day: Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of Obsn. if different from the above	Important weather conditions not included in 'Weather' block, remarks, etc.
1	83	49	66												CLEAR
2	69	52	68		.46				X						Cloudy
3	73	57	71												PART Cloudy
4	74	56	73												CLEAR
5	78	57	74												CLEAR
6	71	63	66												Cloudy
7	74	57	71		.25										CLEAR
8	82	56	81		.01										PART Cloudy
9	91	62	81												CLEAR
10	82	57	69												PART Cloudy
11	76	58	68		2.30				X						Cloudy
12	71	57	60		T				X						Cloudy
13	74	55	71		.03				✓						Cloudy
14	76	55	74						✓						PART Cloudy
15	83	57	67												Cloudy
16	72	59	70		.02										PART Cloudy
17	80	54	78												CLEAR
18	83	59	79												CLEAR
19	79	61	72		.03				X						PART Cloudy
20	74	52	74		.75										Clear
21	75	51	73												Clear
22	77	56	67						X						PART Cloudy
23	84	56	83												Clear
24	83	54	61						X						Cloudy
25	81	60	74												PART Cloudy
26	78	63	73												CLEAR
27	83	56	82												CLEAR
28	87	62	86												CLEAR
29	81	58	73												CLEAR
30	77	59	65						✓						Cloudy
31	69	60	67						✓						Cloudy
Sum	3443	1767		A.M. / NOON / P.M.	2.82			Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Check ☐ when additional sheet is used for remarks	
Avg.	78.8	57.0		Observer										List forms or supplies needed	
Extremes				Post Office										Station	Month , 19

17-0371-3

Station ACADIA NAT'L PARK

County BAR HARBOR — HANCOCK

State MAINE

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Time of observation (local time) if once daily 6:00 P.M.

If at different times, temperature _____, precipitation _____

Month AUGUST, 19 69

Standard time in use EST

Date	TEMPERATURE °F: 24 hrs. ending at observation — Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a wavy line (~) through hours precip. probably occurred unobserved. (A.M. / NOON / P.M.)	24-hr. amounts: Rain, Melted snow, etc. (ins. & hundths)	Snow, Sleet, Hail (ins. & tenths)	At obsn.: Snow, Sleet, Hail, Ice on gnd. (inches)	WEATHER (CALENDAR DAY): Mark 'X' for all types occurring each day — Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of Obsn. if different from the above	Important weather conditions not included in 'Weather' block; remarks, etc.
1	75	58	68		.78			X							PART CLOUDY
2	78	54	69												CLEAR
3	72	48	66												CLEAR
4	71	49	70												PART CLOUDY
5	76	51	76												PART CLOUDY
6	77	58	67												CLOUDY
7	73	61	72		.02										PART CLOUDY
8	74	66	71												PART CLOUDY
9	73	56	63												PART CLOUDY
10	68	57	65												PART CLOUDY
11	71	61	66		.54										PART CLOUDY
12	80	51	79												PART CLOUDY
13	83	56	82												PART CLOUDY
14	83	60	75												CLEAR
15	89	59	87												CLEAR
16	87	64	74					X			X				PART CLOUDY
17	83	59	83		.55			X							PART CLOUDY
18	83	70	79		.03			X							PART CLOUDY
19	80	64	75												PART CLOUDY
20	79	66	77												PART CLOUDY
21	72	66	69		.56										CLOUDY
22	70	56	68		.09										CLEAR
23	70	47	64												CLEAR
24	65	44	58												CLOUDY
25	68	54	66		.01										CLOUDY
26	71	54	68		.08										PART CLOUDY
27	71	59	63								X				PART CLOUDY
28	69	57	62		.15			X							CLOUDY
29	72	58	68					X							CLOUDY
30	70	60	62		.01			X							CLOUDY
31	65	57	61					X							CLOUDY
Sum	2399	1776			2.82										
Avg.	77.4	57.3													
Extreme															

Fog | Sleet | Glaze | Thunder | Hail | Damaging Wind

Check ☐ when additional sheet is used for remarks

Observer _____

Post Office BAR HARBOR, MAINE

List forms or supplies needed _____

Station _____ Month _____, 19 _____

17-0371-3

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Station ACADIA NAT'L PARK
County HANCOCK - BAR HARBOR
State MAINE

Time of observation (local time) if once daily 5:00 PM
If at different times, temperature _____, precipitation _____

Month SEPTEMBER 54
Standard time zone used EDT

Date	TEMPERATURE °F: 24 hrs. ending at observation — Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a waved line (~) through hours precip. probably occurred unobserved. (A.M. / NOON / P.M.)	24-hr. amounts: Rain, Melted snow, etc. (ins. & hund'ths)	Snow, Sleet, Hail (ins. & tenths)	At obsn. Snow, Sleet, Hail, Ice on ground (inches)	WEATHER (CALENDAR DAY): Mark 'X' for all types occurring each day — Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of Obsn. If different from the above	Important weather conditions not included in "Weather" (wind, rainfall, etc.)
1	75	62	73		.68			V							Cloudy
2	73	58	65												Cloudy
3	66	57	58		1.31			V							Cloudy
4	74	57	70		.99										Part Cloudy
5	77	60	74												Clear
6	76	56	67												Clear
7	76	53	67												Clear
8	76	54	73												Clear (fog off shore)
9	77	60	70												Clear
10	70	49	61					V							Part Cloudy
11	67	58	62												Cloudy
12	67	49	67												Clear
13	68	51	59												Clear
14	59	44	52												Part Cloudy
15	52	41	45		.43										Cloudy
16	55	37	55		.22										Clear
17	56	40	54												clear
18	[illegible]														Clear
19	68	39	67												Clear
20	65	44	63												Partly Cloudy
21	65	50	64												Clear
22	76	62	74												Clear (hazy)
23	75	51	57												Clear (hazy)
24	72	54	75												Clear
25	75	54	65		.10										Clear
26	65	41	60												Clear
27	66	49	64												Clear
28	71	53	68												Foggy
29	72	62	71												Fog
30	73	60	60												Cloudy & Fog
31															
Sum	2001	1505			Sum 3.62										
Avg.	69.0	51.9													
Extreme					Greatest										

Observer ACADIA NAT'L PARK
Post Office BAR HARBOR, ME.

Check ☐ when additional sheet is used for remarks
List forms or supplies needed _____

Station _____ Month _____, 19__

17-0371-1-3

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Station ACADIA NAT'L PARK
County HANCOCK — BAR HARBOR
State MAINE

Time of observation (local time) if once daily 5:00 P.M.
If at different times, temperature _____, precipitation _____

Month OCTOBER 1959
Standard time in use EDT

Date	TEMPERATURE °F: 24 hrs. ending at observation Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a waved line (~~) through hours precip. probably occurred unobserved. (A.M. 1 2 3 4 5 6 7 8 9 10 11 NOON 1 2 3 4 5 6 7 8 9 10 11 P.M.)	24-hr. amounts: Rain, Melted snow, etc. (ins. & hundths)	Snow, Sleet, Hail (ins. & tenths)	At obsn. Snow, Sleet, Hail, Ice on gnd (inches)	WEATHER (CALENDAR DAY) Mark 'X' for all types occurring each day: Fog	Sleet	Glaze	Thunder	Hail	Dangling Wires	Time of Obsn. If different from the above	Important weather conditions not included in 'Weather' block, remarks, etc.
1																RAIN
2	64	51	52		1.22											FOG
3	57	38	55													CLEAR (FOG OFF SHORE)
4	65	49	63													CLEAR
5	69	55	67													CLEAR
6	68	53	56		.40											RAIN
7	63	50	51		.67											"
8	57	50	56		1.02											CLOUDY
9	56	50	54		.17											CLEARING
10	64	52	64													CLEAR
11	64	43	55													PT. CLOUDY
12	56	49	55		1.10											STORMY IN AM - CLEAR IN PM
13	56	45	50													CLEAR
14	51	39	44													CLOUDY
15	46	29	46													CLEAR - KILLING FROST (1st)
16	50	38	49													CLEAR
17	57	34	55													CLEAR
18	57	43	46		.52											CLOUDY (PT)
19	48	28	38		.03											CLEAR - COLD - WINDY
20	53	31	52													PT. CLOUDY
21	53	31	43													CLEAR
22	46	22	42													CLEAR
23	53	32	52													CLOUDY
24	58	51	55		.09						✓					CLOUDY
25	60	54	56		3.52				✓		✓					RAIN - WINDY
26	63	50	55													CLEARING
27	55	41	50													PT. CLOUDY
28	50	36	37													CLEAR
29	42	30	39													CLEAR
30	43	29	38													CLEAR
31	48	29	46		.44											CLOUDY IN AM - RAIN PM
Sum	1672	1230			9.18											
Avg.	55.7	41.0														
Extreme					Greatest											

Observer ACADIA NAT'L PARK
Post Office BAR HARBOR, ME.

Check ☐ when additional sheet is used for remarks
List forms or supplies needed. _____

Station _____ Month _____, 19__

17-0371-3

Station BAR HARBOR, MAINE — RECORD OF CLIMATOLOGICAL OBSERVATIONS — Month NOVEMBER — 19 55

County HANCOCK — Time of observation (local time) if once daily 5:00 PM — Standard time is use EST

State MAINE — If at different times, temperature ____, precipitation ____

Date	TEMPERATURE °F: 24 hrs. ending at observation Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a waved line (~) through hours precip. probably occurred undetected. A.M. / Noon / P.M.	24-hr. amounts: Rain, Melted Snow, etc. (ins. & hundredths)	Snow, Sleet, Hail (ins. & tenths)	At obsn. Snow, Sleet, Hail; Ice on gnd (inches)	WEATHER (CALENDAR DAY): Mark 'X' for all types occurring each day — Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of Obsn. If different from the above	Important weather conditions not included in "Weather" (frost, remarks, etc.)
1	53	43	44		.85										CLOUDY
2	50	38	43		.28										Pt. Cloudy
3	44	33	37												Clear
4	53	34	48		.02										CLEAR
5	60	47	60		.15										CLOUDY
6	66	60	62												PT. CLOUDY
7	61	40	40		.21										RAIN
8	40	35	37		.07										CLOUDY
9	43	37	42		.02										CLOUDY
10	54	34	40												Cloudy
11	47	25	42												CLEAR
12	63	42	50												CLOUDY
13	50	35	41												PT. CLOUDY
14	55	40	51		.03			✓							CLOUDY
15	59	36	37		.09										CLOUDY
16	38	37	33		.72			✓							RAIN
17	40	34	40		.06			✓							RAIN
18	43	19	25		.34	1	.1								CLEAR
19	34	20	29												Clear
20	30	20	29												Clear
21	35	16	34		.27	1	1								SNOW TURNING TO RAIN
22	42	29	30												Cloudy
23	37	28	37												Pt. CLOUDY
24	51	35	49		.81										RAIN
25	57	49	49		1.75										Rain
26	50	25	50		.03										clear
27	50	20	50		.04										Cloudy & Rain
28	56	50	56		.76										Cloudy & RAIN
29	59	29	30		1.18	3	3								RAIN TURNING TO SNOW
30	30	16	25		.01	5	3								Clear
31															
Sum	1430	1001			7.69	8.0									
Avg.	47.7	33.4													
Extreme															

Observer ACADIA NATIONAL PARK — Post Office BAR HARBOR, MAINE — Sum / Greatest

Check ☐ when additional sheet is used for remarks

List forms or supplies needed ____

Station ____ Month ____, 19 ____

17-0371-3

W. B. FORM 612–14 (FORMERLY 1009)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

(REVISED 1956)

RECORD OF CLIMATOLOGICAL OBSERVATIONS

Station BAR HARBOR, MAINE

County HANCOCK

State MAINE

Time of observation (local time) if once daily 5:00 PM; if at different times, temperature _____, precipitation _____

Month DECEMBER, 1954

Standard time in use EST

Date	TEMPERATURE °F: 24 hrs. ending at observation Max.	Min.	At obsn.	PRECIPITATION: Draw a straight line (—) through hours precipitation was observed, and a waved line (~~) through hours precip. probably occurred unobserved. (A.M. / NOON / P.M.)	24-hr. amounts: Rain, Melted snow, etc. (Ins. & hund'ths)	Snow, Sleet, Hail (Ins. & tenths)	At obsn. Snow, Sleet, Hail, Ice on gnd (Inches)	WEATHER (CALENDAR DAY) Mark 'X' for all types occurring each day: Fog	Sleet	Glaze	Thunder	Hail	Damaging Wind	Time of Obsn. If different from the above	Important weather conditions not included in 'Weather' block; remarks, etc.
															DECEMBER 1954
1	34	20	30				2								CLEAR
2	39	27	37				1.5								Clear
3	48	36	44				0								Clear
4	44	33	40												clear
5	45	27	43												Pt. Cloudy
6	44	39	42												Cloudy & Rain
7	49	40	46		1.09										RAIN - HIGH WINDS AT NIGHT
8	46	37	41												CLEARING
9	45	30	42												Clear - windy
10	43	30	34												Clear
11	34	26	27												Clear
12	47	21	46		1.55	.25	0								SNOW TURNIN TO RAIN
13	54	40	41		2.51										RAIN
14	41	25	30		.15										Clear
15	39	18	38												Clear
16	46	35	42		.07										Cloudy
17	42	35	39												CLEAR
18	39	28	29												CLEAR
19	33	27	30		.01	.25	0								Cloudy
20	30	21	24												CLEAR
21	24	7	15												CLEAR
22	15	10	15												Cloudy
23	22	15	22												CLEAR
24	28	13	26												CLEAR
25	33	12	19												CLEAR
26	35	18	30		T	T	T								CLEAR
27	30	18	24												CLEAR
28	26	15	26		.20	3.2	3.2								Snow
29	31	25	30		.84	7.8	11.0								Snow
30	30	25	27		.08	1	10.5								Cloudy
31	28	25	27				10								Cloudy
Sum	1144	728			6.50	12.5									
Avg.	36.9	25.1													
Extreme															

Observer NAT. PARK SERVICE

Post Office BAR HARBOR, ME.

Check ☐ when additional sheet is used for remarks

List forms or supplies needed _____

Station _____ Month _____, 19__

17-0221-3