

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	21.8	24.2	33.8	41.8	48.7	57.0	61.0	62.2	56.0	50.1	42.8	27.5	43.9
1932	30.2	19.8	28.2	39.6	48.4	55.2	59.6	61.7	57.5	49.4	37.0	30.8	43.1
1933	29.4	28.4	29.2	39.6	48.4	54.8	60.0	61.6	56.4	47.8	31.4	17.6	42.1
1934	19.4	13.2	29.0	40.4	50.0	54.8	60.8	59.6	58.4	45.9	40.2	20.9	41.0
1935	16.6	20.2	29.2	38.7	47.4	54.8	61.7	63.8	55.0	47.7	40.5	21.8	41.4
1936	22.1	19.2	36.8	38.6	47.6	55.7	59.8	60.0	54.8	47.4	34.4	28.6	42.1
1937	28.4	27.6	28.6	40.7	51.0	57.0	63.4	63.3	57.0	48.0	38.6	25.4	44.1
1938	22.8	21.3	30.0	40.4	47.2	56.8	59.1	64.0	56.0	50.0	29.6	43.0	43.0
1939	20.8	23.6	26.0	37.6	48.0	55.4	60.8	63.6	56.2	47.7	35.0	27.2	41.8
1940	17.8	24.0	28.9	37.0	47.8	53.8	60.7	60.8	55.2	44.2	37.2	26.8	41.2
1941	19.0	25.6	27.8	41.6	48.2	54.8	59.6	59.4	56.8	46.6	39.2	28.3	42.3
1942	20.2	21.3	35.2	41.0	48.7	55.1	59.6	61.6	56.9	49.2	36.9	21.3	42.2
1943	17.6	24.4	28.4	36.0	48.4	55.8	60.2	60.0	55.8	49.5	38.8	21.4	41.3
1944	24.6	20.6	27.4	38.2	50.8	54.4	61.6	64.2	57.8	47.0	39.2	26.0	42.7
1945	19.8	24.8	36.4	42.4	46.4	54.5	61.3	61.4	57.8	46.9	38.6	24.1	42.9
1946	20.8	19.3	37.2	37.6	48.1	56.0	60.4	59.8	58.6	52.0	39.7	26.6	43.0
1947	22.7	25.7	33.0	37.8	48.2	54.0	61.5	63.1	57.8	53.6	38.4	23.9	43.3
1948	18.6	18.0	27.8	37.8	45.8	53.4	61.9	61.7	56.0	47.9	42.7	30.8	44.9
1949	26.2	25.4	31.7	42.6	49.0	59.0	64.0	64.3	56.9	51.3	37.2	31.6	44.9
1950	26.7	19.7	27.1	39.1	49.2	55.8	61.2	60.8	53.7	48.3	43.3	32.3	43.1
1951	26.9	27.4	32.9	43.4	49.6	56.0	62.8	61.8	58.2	49.1	38.0	27.6	44.5
1952	24.0	26.1	31.8	41.7	48.2	57.9	64.7	62.2	57.4	47.5	39.0	29.9	44.2
1953	28.6	27.5	32.3	43.5	48.9	57.5	63.1	61.8	57.5	50.1	43.2	34.6	44.1
1954	21.1	29.2	31.7	40.8	49.0	57.1	61.6	61.8	56.2	50.6	39.9	30.9	44.7
1955	22.1	25.5	30.3	41.2	50.2	56.5	64.2	63.9	56.2	48.6	37.5	20.4	43.1
1956	28.6	24.1	26.8	39.3	45.2	55.1	59.8	59.9	53.6	48.4	40.7	28.4	42.5
1957	15.6	27.1	33.0	41.5	50.9	57.6	61.6	57.7	57.7	49.8	41.4	34.1	44.3
1958	29.2	22.2	33.9	43.2	48.0	54.5	62.3	62.4	56.9	46.4	39.4	43.3	44.3
1959	22.2	30.5	30.5	41.0	52.0	53.9	62.4	62.1	57.3	47.9	39.7	30.0	43.2
1960	22.6	30.1	28.8	40.5	51.9	58.3	62.2	64.0	57.4	46.8	41.1	26.7	44.2
1961	16.9	23.1	28.9	37.7	47.2	55.0	60.1	62.9	59.7	49.7	40.6	28.9	42.6
1962	21.2	18.5	33.7	40.0	47.2	55.0	60.1	62.9	59.7	49.7	40.6	28.9	42.6

CLIMATE OF EASTPORT (continued)

A snowcover of 1 inch or more does not blanket the ground for long periods every winter. In fact the ground may be bare of snow for varying lengths of time in any part of the winter. During the winter of 1952-53 the longest continuous blanket of snow on the ground was only 7 days. However, nearly 2 out of 3 winters have a continuous cover of 1 inch or more for 4 weeks or longer. Of those winters, the average date of beginning of the snowcover is January 11 and the average ending is on March 11. The earliest beginning of a prolonged cover was December 10. The latest average seasonal maximum snow depth is 14 inches, with February 8 the average date of the maximum. The greatest snow depth has come as early as November 29 and as late as March 29. The maximum depth in the last 30 years was 26 inches in February 1948. Earlier records show a depth of 42 inches on March 14, 1933.

Based upon the occurrence of the freezing temperature, 32°, the "growing season" for susceptible tender vegetation averages 175 days, from May 1 to October 22. Though the year to year dates differ, about two-thirds of the occurrences will fall within 10 days, either way, of the average dates. The extreme dates for the last spring freeze are March 22 and May 25. For the first occurrence in fall the extremes are October 6 and November 13. For a more severe freeze, marked by the occurrence of 28°, the season averages 202 days, from April 17 to November 4. At the 24° level, the dates are April 2 and November 16. It is usually about the second week of May before the ground is ready for planting.

Wind data covering 67 years ending with 1952 indicate an average annual speed of 10.7 m.p.h., with monthly means varying from the lightest wind in August, at 7.4 m.p.h. to the strongest in January, at 13.5 m.p.h. The fastest mile recorded, an average velocity for a period of just less than a minute was 83 m.p.h. from the east, in December 1917. Days with winds of 32 m.p.h. or more average 19 a year, nearly all in winter. The prevailing wind is from the south and southeast on an annual basis and also for the warmer 7-month period, April through October. The prevailing direction is northwest the other 5 months. In winter the prevailing direction remains from the northwest for all hours. By April the winds are southerly in the daytime and northwest to west at night. In summer the southerly daytime winds tend to shift to southwest at night. By late fall the winds prevail from the northwest again during the day and back to westerly at night.

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	2.90	2.25	2.80	2.31	2.57	3.56	4.82	4.11	3.61	4.72	0.94	2.37	36.96
1932	4.16	2.46	2.67	2.49	2.53	1.56	3.64	2.69	2.08	3.61	1.65	2.21	31.75
1933	2.51	2.72	1.46	3.29	3.74	3.18	1.30	4.45	5.04	6.02	3.32	2.73	39.76
1934	2.94	2.34	2.32	2.61	1.51	3.33	3.30	2.64	3.65	2.64	3.52	2.79	30.53
1935	7.32	2.27	1.48	1.87	1.05	2.12	2.38	2.13	2.98	1.04	4.82	1.07	33.75
1936	3.24	1.73	4.48	2.64	2.67	4.07	1.08	2.38	3.13	3.32	2.20	5.62	36.56
1937	3.05	0.64	1.37	1.75	2.20	3.23	0.75	1.22	4.41	2.78	2.37	1.51	25.28
1938	2.07	1.99	1.55	2.49	2.12	3.77	4.70	2.27	5.44	2.08	2.77	2.53	33.78
1939	1.57	3.17	3.65	3.95	1.40	2.19	4.01	0.99	1.53	3.96	2.53	3.71	32.66
1940	0.56	1.77	2.70	2.35	1.20	2.20	1.67	2.34	6.85	0.97	4.37	3.28	30.26
1941	1.21	0.40	1.83	0.46	3.19	0.52	3.57	3.53	3.26	4.38	1.79	1.98	24.12
1942	2.68	1.29	4.13	1.57	1.45	3.06	2.62	1.88	3.48	2.78	2.68	2.96	30.29
1943	1.54	3.50	4.37	2.92	2.65	6.01	4.21	6.61	3.74	5.11	7.57	1.41	49.64
1944	0.91	4.62	4.66	3.21	0.79	3.10	1.75	1.66	7.85	5.13	4.53	3.30	41.71
1945	4.47	3.96	4.60	3.28	8.18	4.73	2.14	1.39	2.07	6.37	6.90	3.72	51.71
1946	3.24	5.48	2.47	6.35	3.62	0.76	2.18	2.67	1.90	2.55	2.79	5.93	39.94
1947	3.74	4.70	3.45	2.05	5.44	5.73	4.68	0.64	2.07	0.19	4.68	2.93	40.30
1948	5.10	1.90	2.80	2.86	5.66	3.06	5.37	1.48	0.92	3.26	6.35	3.68	42.44
1949	4.56	4.35	3.15	2.57	3.04	1.58	1.00	1.85	6.10	1.82	7.01	2.75	39.78
1950	4.93	3.58	2.61	3.83	0.75	4.98	3.05	5.33	1.10	2.33	8.57	8.40	49.46
1951	4.09	4.03	2.69	5.24	4.16	2.12	4.28	5.89	3.14	2.55	2.79	5.72	52.09
1952	7.24	5.47	1.49	2.41	3.76	4.22	1.69	4.91	1.71	2.42	4.68	3.47	42.59
1953	4.30	6.09	7.42	3.84	2.44	2.70	5.31	4.41	3.51	3.98	3.88	4.89	52.77
1954	4.10	5.54	3.62	4.69	5.55	2.69	3.20	3.79	3.90	6.00	4.17	6.15	57.47
1955	1.59	4.42	5.29	2.90	1.22	2.11	1.52	2.93	3.11	1.47	3.92	1.35	31.83
1956	6.71	2.33	3.22	3.55	3.67	2.30	3.09	1.94	2.97	2.80	3.14	4.23	39.95
1957	2.18	2.74	2.03	2.82	4.29	1.88	2.61	4.60	1.26	1.39	5.42	5.27	34.23
1958	9.23	2.72	1.73	4.34	2.03	2.36	5.26	2.45	4.57	4.80	4.80	4.46	46.09
1959	4.12	3.24	4.29	2.52	1.02	7.95	3.56	2.51	3.13	5.09	5.43	4.21	47.07
1960	3.53	6.85	1.78	3.53	7.07	1.78	3.02	0.91	3.94	4.37	3.93	2.04	42.75
1961	2.31	2.21	2.16	4.67	5.22	3.36	1.39	1.36	2.15	6.20	4.96	4.18	40.17
1962	3.93	1.48	1.10	5.63									

HISTORY OF WEATHER OBSERVATIONS AT EASTPORT, MAINE

On March 20, 1873, the Weather Bureau began its observational program in Eastport at the Custom House Bldg., corner of Washington and Water Sts. Excepting for a short time in 1886, when the station was temporarily at the observer's home 1/4 mile to the northwest due to destruction of the Custom House by fire, the observations continued many years at the original location. In 1887 the station was opened at the northeast corner of the Washington-Water intersection, continuing until the New Post Office and Custom House was ready, again on the northeast corner, in 1893. In 1922 a second station was installed at the home of the observer, on County Road, about one-half mile to the west. After comparative data proved the County Road location to be a better site for the weather station, the observational program at the Post Office and Custom House gradually decreased. Precipitation data, particularly, were defective as obtained from the rain gage installed on the Post Office roof, where the catch was greatly affected by the wind and building. When precipitation fell as snow, the catch was especially deficient. Therefore roof-top observations for the official precipitation record were abandoned at the end of July 1944. Thereafter the gage was located on the ground near the Post Office until April 1949, when it was relocated at a point 0.3 mile southwest. In June 1950, the gage was relocated nearly three miles to the northwest. Since September 1952 the gage has been at its present location on County Road. The table, "Total Precipitation" in this bulletin contains precipitation amounts as measured. However, the 30-year averages in the table on the front page are adjusted to correct for the deficient monthly totals recorded prior to August 1944.

The temperature and precipitation data in the front page table are for the 30 years, 1931-1960, which has been adopted by the World Meteorological Organization as base for standard normals. These averages may then be compared directly with normals for other locations. Other items, namely, cloudiness, fog, humidity, and sunshine, cover different periods of record. For each of these, the period includes the specified number of years, ending with 1952. Notable temperature and precipitation extremes which occurred prior to the standard 30-year 1931-60 period include a freezing temperature, 30°, which occurred on June 19, 1875, and a record 24-hour rainfall amount of 5.48 inches, on May 17, 1881.