



ST. JOHNSBURY, VT.

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	15.3	19.6	32.8	45.2	56.6	64.3	72.2	66.3	61.6	50.5	40.9	24.2	45.8
1932	28.4	20.6	25.3	40.3	56.0	63.8	66.0	68.2	60.2	50.8	33.0	27.4	45.0
1933	27.4	24.4	26.4	43.6	57.5	62.8	69.0	66.5	60.3	46.4	28.2	14.4	44.2
1934	17.0	6.0	28.6	44.3	57.5	66.6	69.6	63.8	63.8	44.6	38.4	18.0	43.0
1935	10.6	16.5	28.9	41.8	50.4	65.2	72.0	67.8	55.8	47.8	39.4	17.2	42.8
1936	14.2	12.4	37.2	40.7	58.6	65.8	67.3	66.0	59.6	47.0	28.9	23.2	43.4
1937	26.6	24.0	30.4	41.6	57.1	65.2	70.8	71.7	59.0	46.8	35.2	20.7	45.2
1938	15.2	21.4	33.1	46.1	53.6	66.8	69.4	69.2	56.0	50.8	36.8	24.6	43.0
1939	16.7	20.5	23.6	37.3	53.1	64.5	69.0	70.5	58.4	47.6	31.6	22.2	43.1
1940	10.6	17.4	25.9	38.8	56.0	63.6	68.8	65.6	57.6	44.6	35.2	21.1	42.1
1941	14.8	20.4	24.3	48.4	55.5	66.2	70.0	63.7	59.7	45.4	37.3	23.4	44.1
1942	17.0	16.0	35.3	44.9	60.2	64.6	68.7	67.7	60.0	50.0	34.6	17.6	44.7
1943	12.8	19.6	27.4	36.1	54.1	66.8	69.6	65.2	56.6	48.2	34.0	14.7	42.1
1944	18.2	16.6	25.3	38.3	60.0	65.1	70.1	70.6	60.8	47.0	35.6	18.2	43.8
1945	10.4	21.6	38.8	48.4	52.4	63.2	68.8	67.1	61.0	45.8	36.7	18.4	44.4
1946	16.6	16.0	40.1	41.5	53.8	64.0	68.1	63.6	61.5	50.6	38.6	24.4	44.9
1947	19.4	17.8	29.6	40.1	53.6	63.1	72.0	71.0	60.5	54.0	33.0	16.8	44.2
1948	13.8	14.6	29.0	44.4	52.6	62.0	69.0	68.2	59.5	47.2	42.9	26.9	44.2
1949	25.0	24.7	31.4	45.0	56.5	66.4	71.5	69.1	57.5	52.5	33.4	26.7	46.9
1950	24.9	17.1	24.2	39.8	56.4	66.4	68.2	65.8	54.2	50.9	40.9	25.9	44.5
1951	21.0	25.0	32.7	44.6	56.0	63.6	68.7	66.6	59.6	49.8	31.1	22.7	45.1
1952	19.8	22.6	30.9	45.4	51.8	66.1	72.5	67.5	60.4	44.7	36.9	23.9	45.4
1953	23.1	23.9	33.6	44.2	57.7	70.0	70.0	65.4	59.1	48.5	40.7	29.9	46.9
1954	14.5	26.0	28.2	42.7	53.5	64.7	65.9	63.9	57.3	51.2	37.8	23.0	44.0
1955	14.9	21.8	28.8	46.4	59.6	65.3	72.6	70.5	57.8	48.6	34.4	14.6	44.6
1956	21.0	23.3	23.2	38.8	49.7	64.7	65.1	63.0	55.3	48.9	38.0	23.9	43.3
1957	10.0	23.8	31.1	44.5	55.2	67.8	66.5	63.0	60.3	48.5	39.5	25.9	44.9
1958	20.6	15.4	34.0	45.0	51.8	68.6	67.1	65.0	59.1	47.1	36.5	9.4	42.8
1959	15.6	13.0	27.6	44.0	59.1	64.9	72.0	71.1	62.7	47.9	35.7	22.7	45.0
1960	17.9	27.0	24.4	44.0	60.9	64.5	66.7	65.5	60.7	46.0	38.8	19.0	44.7
1961	9.9	21.7	31.0	41.9	53.7	65.1	69.2	68.6	67.9	52.3			

CLIMATE OF ST. JOHNSBURY (continued)

but about two thirds of the occurrences will fall within 9 days, either way, from the average spring date and within 8 days of the fall date. The extreme dates for the last spring freeze are April 27 and June 5. For the first in fall the extremes are September 9 and October 9. For a more severe freeze, marked by the occurrence of 28° in the standard thermometer shelter, the season averages 146 days, from May 9 to October 2.

Observations of daytime cloudiness indicate a nearly even distribution among those classified as clear, partly cloudy, and cloudy, with annual totals of 116, 126, and 123 days, respectively. The months with the clearest skies are July, August, and September, while the cloudiest months are November and December.

In summary, St. Johnsbury is nearly free of very uncomfortable summer heat and, even in the warmest weather, nights are mostly cool. Winters are cold and provide plentiful snow for winter sports, though prolonged periods of severe cold are rare. However, from January 19 through February 3, 1961, a 16 day stretch with daily minima below zero did occur. Precipitation is frequent and usually well distributed but not excessive and is therefore a valuable local asset. The frequent variation in day to day conditions is considered stimulating to mental and physical activities.

ST. JOHNSBURY, VT.

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	2.09	.95	1.56	1.85	3.80	3.71	4.53	2.95	4.43	1.97	1.70	2.18	31.72
1932	2.93	1.44	1.83	2.15	1.65	1.26	5.93	2.38	4.06	2.34	4.41	1.33	31.71
1933	1.71	2.05	3.09	5.83	1.49	1.93	6.01	1.69	3.34	3.34	3.29	3.29	34.34
1934	2.68	1.56	1.96	1.16	3.70	2.70	1.82	3.71	1.32	1.32	3.24	2.26	36.55
1935	5.06	1.74	1.38	3.02	2.43	4.95	2.73	3.13	4.93	1.10	5.27	1.66	37.06
1936	4.27	1.69	6.24	3.21	3.58	.66	1.59	2.73	2.34	5.52	2.62	3.48	37.93
1937	2.77	2.27	1.93	2.05	4.89	5.03	3.12	5.85	1.23	4.41	3.07	2.65	39.27
1938	2.78	1.90	1.83	2.02	2.38	3.40	4.44	2.96	1.29	1.60	2.89	3.80	37.29
1939	2.05	2.74	2.68	4.40	2.81	4.76	2.33	4.02	3.21	4.71	.59	2.25	36.55
1940	.92	1.54	3.26	3.03	6.36	2.87	5.09	2.21	5.06	1.18	4.66	3.29	39.47
1941	1.29	.52	1.92	.49	2.14	2.53	6.95	4.39	1.62	3.39	2.32	2.09	29.65
1942	1.66	1.96	4.28	2.67	2.98	4.77	1.39	1.55	5.06	3.24	3.45	2.64	35.65
1943	1.12	1.79	1.96	2.33	3.97	5.64	3.56	5.10	2.41	3.85	4.72	1.01	37.46
1944	1.84	2.47	1.57	2.86	1.73	3.91	3.78	2.02	2.55	3.51	2.61	1.68	33.53
1945	3.88	2.05	1.60	4.91	6.09	5.33	5.10	1.13	7.57	4.48	3.66	2.84	48.64
1946	2.27	2.55	1.30	1.80	3.84	3.01	2.87	5.20	4.48	3.15	2.45	4.03	36.95
1947	3.51	1.95	1.94	1.84	4.73	6.88	4.58	1.38	1.14	1.03	3.56	1.34	33.88
1948	2.11	1.67	2.13	1.84	4.99	5.81	2.31	3.08	1.18	2.94	5.81	2.61	34.58
1949	2.54	2.29	1.36	2.85	3.35	2.17	3.91	2.64	3.40	2.25	2.65	2.70	32.11
1950	3.88	2.82	2.75	2.77	1.34	5.24	2.26	4.10	1.75	2.61	3.37	3.36	36.25
1951	1.78	3.61	3.74	3.52	2.81	2.31	5.74	3.12	2.29	2.02	3.95	3.49	38.38
1952	2.87	3.30	2.57	3.55	3.72	7.13	2.27	2.51	3.17	3.69	1.16	4.38	40.12
1953	2.80	1.77	3.52	3.23	3.88	3.07	3.84	3.82	3.97	2.37	2.03	2.78	43.06
1954	2.98	3.57	2.92	3.39	3.22	3.85	3.19	3.26	5.67	3.05	3.87	2.69	37.66
1955	1.10	4.04	3.45	2.67	2.13	3.20	1.21	6.35	1.31	2.70	2.67	1.03	31.86
1956	1.57	1.60	4.30	2.34	4.52	2.03	3.40	3.14	3.98	1.75	2.35	2.89	30.87
1957	2.21	1.25	1.14	1.86	2.83	4.11	4.11	1.09	2.70	1.88	3.31	4.07	33.56
1958	4.83	1.91	1.10	2.92	3.32	3.54	4.44	2.36	3.39	4.40	1.47	1.47	39.11
1959	3.59	2.63	1.82	1.53	1.19	2.97	1.27	4.74	2.61	8.07	5.78	3.37	39.57
1960	1.89	2.49	2.00	4.05	2.78	4.04	3.07	2.97	3.44	4.05	2.26	1.18	34.22
1961	.78	2.03	1.53	3.82	2.82	3.92	4.55	2.21	1.69	1.57			

HISTORY OF WEATHER OBSERVATIONS AT ST. JOHNSBURY, VT.

More than a century ago, members of the Fairbanks family recorded weather observations at a location about 500 yards west of the present observatory. These began May 1, 1838. Included were barometric pressure, psychrometric data, times of precipitation, snowfall, clouds, wind, and remarks on various miscellaneous phenomena. There are breaks in the record during and after the 1860's. Official observations taken in cooperation with the U. S. Weather Bureau began January 1, 1894, at the Fairbanks Museum. Subsequent observers, or officials in charge of the program, were: F. Fairbanks, 1894-1895; A. R. Merrill, 1895-January 1915; Mabel Shields, February 1915-August 1948; and Frederick H. Kold, August 1948 to the present.

All data and references in this summary are confined to observations taken at the present site. Data in the tables of this summary are for the 30 years, 1931-60. The World Meteorological Organization has adopted this as the standard normal period to be used in the 1960's. Averages in this summary may therefore be compared with those for other stations using this base. The freeze data, however, are based upon the 30 years, 1926-55. Averages of cloudiness cover only an 18 year period. The thunderstorm day averages cover 20 years.

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