

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1650 ft. Lat: 45.0900° N Lon: 71.2906° W

Station: **FIRST CONNECTICUT LAKE, NH US USC00272999**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	22.4	-0.3	11.1	4.7	6.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1362.2	1424.2	1517.2	1672.3	0.0	0.0	0.6	25.2	30.7	17.1
02	25.2	0.4	12.8	4.7	6.4	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1181.5	1237.5	1321.5	1461.6	0.0	0.0	0.6	21.5	27.8	15.3
03	34.2	9.6	21.9	4.1	6.7	5.1	0.1	0.0	0.0	0.0	0.0	0.0	1026.1	1088.0	1181.0	1336.1	0.0	0.0	2.8	14.2	30.3	9.4
04	47.1	25.5	36.3	3.2	3.0	2.9	2.2	1.1	0.3	0.0	0.0	0.0	563.2	622.1	711.4	861.0	0.0	0.0	10.6	2.8	24.4	0.4
05	61.5	38.3	49.9	4.1	2.6	3.1	46.8	31.9	16.2	3.8	0.6	0.2	205.0	252.0	329.3	471.9	0.0	0.0	26.0	0.0	9.4	0.0
06	70.4	48.3	59.3	2.2	1.9	1.8	164.8	124.4	76.4	25.7	5.6	2.4	34.3	54.0	96.0	195.3	0.0	0.1	29.6	0.0	0.6	0.0
07	75.0	53.4	64.2	2.5	2.3	2.3	288.6	231.3	154.6	59.4	13.7	6.4	3.5	8.2	24.5	84.2	0.0	0.1	31.0	0.0	0.0	0.0
08	73.6	51.7	62.7	2.0	1.8	1.7	246.3	192.5	121.9	41.0	6.9	2.8	9.2	17.5	39.9	113.9	0.0	0.0	31.0	0.0	0.1	0.0
09	66.4	43.9	55.1	2.8	2.8	2.5	98.8	71.4	40.5	12.2	2.1	0.8	94.4	126.9	186.1	307.7	0.0	0.0	29.2	0.0	3.7	0.0
10	52.8	34.1	43.5	3.5	3.0	3.1	11.6	6.4	2.4	0.3	0.0	0.0	369.7	426.4	515.5	668.3	0.0	0.0	18.1	0.6	15.9	0.0
11	39.9	23.7	31.8	3.5	3.1	3.2	0.6	0.3	0.1	0.0	0.0	0.0	696.7	756.3	846.1	996.0	0.0	0.0	5.6	8.5	25.3	0.7
12	28.7	11.1	19.9	4.2	5.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	1088.1	1150.1	1243.1	1398.1	0.0	0.0	0.7	20.4	30.1	7.8
Summary	49.8	28.3	39.0	3.5	3.8	3.4	860	659	412	142	29	13	6634	7163	8012	9566	0.0	0.2	185.8	93.2	198.3	50.7

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	3.02	18.3	8.4	1.4	0.2	2.36	2.83	3.38	
02	2.37	14.6	7.6	0.9	0.1	1.79	2.48	2.90	
03	3.04	15.2	8.9	1.2	0.3	2.45	3.06	3.44	
04	3.60	15.0	9.9	2.2	0.4	2.60	3.50	4.40	
05	4.47	14.6	10.2	2.9	0.7	3.61	4.43	5.16	
06	5.14	15.2	11.3	3.6	1.0	4.19	4.60	6.14	
07	4.91	14.8	10.6	3.3	1.0	3.88	4.44	5.93	
08	4.76	14.1	9.9	3.0	1.2	3.64	4.28	5.52	
09	4.00	12.1	7.9	2.7	0.8	2.83	3.68	4.72	
10	4.63	15.5	9.9	3.1	0.8	3.14	4.49	5.27	
11	3.62	16.7	9.7	2.1	0.3	2.98	3.52	4.13	
12	3.57	19.3	10.1	1.7	0.2	2.66	3.61	4.06	
Summary	47.13	185.4	114.4	28.1	7.0	36.13	44.92	55.05	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	30.30	16.8	11.6	3.6	1.1	0.2	30.9	30.1	29.6	25.1	22.50	27.50	39.80
02	28.40	13.5	10.0	3.3	1.3	0.3	28.6	28.6	28.6	27.6	22.00	30.00	34.30
03	24.60	11.5	8.1	3.0	1.4	0.2	30.7	30.4	29.6	28.3	14.70	26.00	31.90
04	9.70	5.3	3.5	1.0	0.4	0.1	22.5	19.0	16.2	11.8	5.00	9.00	11.90
05	1.00	0.7	0.5	0.1	0.0	0.0	1.6	0.4	0.0	0.0	0.00	0.00	1.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	2.50	1.7	0.9	0.3	0.1	0.0	1.7	0.4	0.2	0.0	0.40	1.50	3.80
11	14.60	8.6	5.8	1.6	0.5	0.0	13.9	6.9	4.7	1.4	8.50	12.00	16.00
12	31.90	15.5	11.8	3.3	1.5	0.3	28.7	24.6	20.2	12.1	19.30	28.10	39.70
Summary	143.0	73.6	52.2	16.2	6.3	1.1	158.6	140.4	129.1	106.3	92.4	134.1	178.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1.0	0.7	7.9	62.4	319.2	580.6	750.1	702.0	456.7	169.6	34.6	2.3
45	0.2	0.1	2.6	26.1	195.1	431.9	595.0	547.0	315.9	89.1	12.4	0.2
50	0.0	0.0	1.0	8.8	104.5	289.0	440.3	393.0	192.4	37.8	3.5	0.0
55	0.0	0.0	0.1	2.2	46.8	164.8	288.6	246.3	98.8	11.6	0.6	0.0
60	0.0	0.0	0.0	0.3	16.2	76.4	154.6	121.9	40.5	2.4	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.9	1.1	8.4	50.0	194.5	339.0	458.7	423.0	265.8	91.3	19.2	1.5

Growing Degree Units (Accumulated Monthly)												
40	1	2	10	72	391	972	1722	2424	2881	3050	3085	3087
45	0	0	3	29	224	656	1251	1798	2114	2203	2215	2216
50	0	0	1	10	114	403	844	1237	1429	1467	1470	1470
55	0	0	0	2	49	214	502	749	848	859	860	860
60	0	0	0	0	16	93	248	369	410	412	412	412
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	2	10	60	255	594	1053	1476	1741	1833	1852	1853

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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