

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 253 ft. Lat: 42.9892° N Lon: 71.3933° W

Station: MASSABESIC LAKE, NH US USC00275211

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	31.7	13.0	22.3	4.3	5.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1012.0	1074.0	1167.1	1322.1	0.0	0.0	1.9	14.8	30.3	6.6
02	34.8	15.0	24.9	4.1	5.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	842.7	898.7	982.8	1122.8	0.0	0.0	2.5	10.3	27.5	4.4
03	42.9	23.6	33.2	3.7	4.3	3.9	2.7	1.8	0.8	0.2	0.1	0.0	676.9	738.0	830.0	984.5	0.0	0.0	8.3	4.2	27.2	1.1
04	56.1	34.9	45.5	3.3	2.0	2.5	22.6	15.3	7.5	1.5	0.1	0.0	307.7	360.4	442.5	586.6	0.0	0.1	22.7	0.1	14.5	0.0
05	67.1	45.9	56.5	3.4	1.7	2.3	119.6	89.0	53.4	18.4	4.6	2.3	73.1	104.5	161.9	281.9	0.0	0.6	30.2	0.0	2.2	0.0
06	76.0	55.6	65.8	2.3	1.9	1.7	329.7	275.0	198.4	96.1	33.8	20.0	5.7	11.0	24.5	72.1	0.0	2.1	30.0	0.0	0.0	0.0
07	81.1	60.9	71.0	2.4	2.2	2.1	496.0	434.4	343.1	201.3	87.6	55.7	0.1	0.5	2.2	15.4	0.0	3.9	31.0	0.0	0.0	0.0
08	79.8	59.1	69.4	2.1	2.0	1.8	448.1	386.8	296.5	159.1	60.9	36.3	0.2	0.9	3.6	21.2	0.0	2.6	31.0	0.0	0.0	0.0
09	72.9	51.7	62.3	2.1	2.4	2.0	241.7	194.7	133.2	58.3	18.0	10.0	22.7	35.8	64.3	139.3	0.0	0.8	30.0	0.0	0.8	0.0
10	59.7	39.5	49.6	2.7	3.0	2.4	36.9	24.1	11.8	2.8	0.3	0.1	204.2	253.4	334.1	480.1	0.0	0.0	27.8	0.0	9.1	0.0
11	48.3	30.4	39.4	3.7	2.4	2.9	3.1	1.4	0.4	0.0	0.0	0.0	472.6	530.9	619.9	769.5	0.0	0.0	13.7	0.8	20.6	0.0
12	37.5	20.8	29.1	3.7	3.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	801.3	863.3	956.3	1111.3	0.0	0.0	3.9	8.3	28.8	1.3
Summary	57.3	37.5	47.4	3.2	3.1	2.9	1700	1422	1045	538	205	124	4419	4871	5589	6907	0.0	10.1	233.0	38.5	161.0	13.4

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	2.67	8.7	6.6	1.9	0.4	2.04	2.59	3.17	
02	2.70	7.2	5.9	1.8	0.5	2.09	2.52	3.00	
03	3.19	7.9	6.3	2.0	0.6	2.14	2.94	3.37	
04	3.49	9.8	7.2	2.3	0.6	2.25	3.52	4.31	
05	3.37	10.7	7.8	2.0	0.6	2.00	2.99	4.20	
06	4.27	10.5	7.9	2.7	1.3	2.34	3.63	5.34	
07	3.65	9.5	6.5	2.7	1.0	2.48	3.35	4.49	
08	3.68	9.4	6.3	2.3	0.9	2.15	2.92	4.88	
09	3.87	8.7	6.0	2.5	1.1	2.13	3.47	5.16	
10	4.36	10.1	6.6	3.1	1.2	3.10	3.98	4.97	
11	3.49	8.8	6.5	2.6	0.8	2.49	3.32	4.38	
12	3.77	9.2	6.9	2.9	0.5	2.79	3.59	4.62	
Summary	42.51	110.5	80.5	28.8	9.5	28.00	38.82	51.89	

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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	15.90	5.2	3.8	1.9	0.8	0.2	25.2	22.0	16.8	9.0	8.10	15.60	21.50
02	17.60	4.3	3.5	1.5	0.8	0.2	20.4	18.6	14.5	9.5	9.60	14.00	26.90
03	6.70	2.6	2.0	1.1	0.6	0.3	13.5	12.1	10.9	7.0	2.40	4.50	11.60
04	0.90	0.3	0.3	0.1	0.1	0.0	0.8	0.4	0.3	0.0	0.00	0.00	0.40
05	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
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	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
11	1.10	0.5	0.4	0.2	0.1	0.0	1.2	1.0	0.8	0.0	0.00	0.00	0.10
12	10.60	3.1	2.2	1.3	0.8	0.1	10.3	8.8	6.3	1.6	2.50	9.30	14.80
Summary	52.8	16.0	12.2	6.1	3.2	0.8	71.4	62.9	49.6	27.1	22.6	43.4	75.3

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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	3.5	4.8	37.8	202.8	512.5	773.9	960.8	912.8	669.0	310.0	89.5	12.7
45	0.3	1.1	15.9	111.6	362.2	624.0	805.9	757.9	520.2	184.7	38.8	2.8
50	0.0	0.2	6.6	54.1	225.6	474.7	650.9	602.9	375.1	91.8	13.3	0.4
55	0.0	0.0	2.7	22.6	119.6	329.7	496.0	448.1	241.7	36.9	3.1	0.0
60	0.0	0.0	0.8	7.5	53.4	198.4	343.1	296.5	133.2	11.8	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.0	4.5	27.7	121.8	287.6	483.0	643.7	600.4	410.2	169.6	49.1	7.4

Growing Degree Units (Accumulated Monthly)												
40	4	8	46	249	761	1535	2496	3409	4078	4388	4477	4490
45	0	1	17	129	491	1115	1921	2679	3199	3384	3423	3425
50	0	0	7	61	286	761	1412	2015	2390	2482	2495	2496
55	0	0	3	25	145	475	971	1419	1660	1697	1700	1700
60	0	0	1	8	62	260	603	900	1033	1045	1045	1045
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	8	35	157	445	928	1571	2172	2582	2752	2801	2808

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

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