

Summary of Monthly Normals 1991-2020

Generated on 09/20/2021

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	34.1	17.1	25.6	4.1	4.9	4.4	0.1	0.0	0.0	0.0	0.0	0.0	911.2	973.1	1066.2	1221.2	0.0	0.0	2.6	13.8	28.9	2.4
02	37.4	19.0	28.2	4.3	4.7	4.4	0.1	0.0	0.0	0.0	0.0	0.0	750.4	806.3	890.4	1030.4	0.0	0.0	3.2	8.7	25.9	0.9
03	45.6	27.4	36.5	3.9	3.5	3.6	4.9	3.2	1.9	0.5	0.0	0.0	578.3	638.7	730.3	883.9	0.0	0.0	9.9	3.0	22.3	0.2
04	58.9	37.5	48.2	2.8	1.8	2.2	34.9	24.9	14.6	5.0	1.0	0.3	238.9	288.9	368.6	509.0	0.0	0.2	23.4	0.1	7.1	0.0
05	70.1	47.7	58.9	3.4	2.5	2.7	166.2	127.6	81.5	32.8	10.6	6.0	45.3	68.7	115.6	221.9	0.0	1.1	30.3	0.0	0.3	0.0
06	78.7	57.6	68.1	2.3	1.7	1.7	396.9	339.7	257.6	140.6	59.2	38.6	2.5	5.3	13.2	46.2	0.0	3.0	30.0	0.0	0.0	0.0
07	84.1	63.6	73.8	2.8	2.2	2.4	584.1	522.1	429.3	277.7	143.3	100.3	0.0	0.0	0.1	3.4	0.0	6.7	31.0	0.0	0.0	0.0
08	82.4	62.1	72.2	2.2	2.0	1.9	534.6	472.6	380.1	231.9	107.9	71.4	0.0	0.0	0.5	7.2	0.0	4.1	31.0	0.0	0.0	0.0
09	74.6	54.1	64.3	2.4	2.2	2.1	289.2	237.5	168.0	78.5	27.3	16.1	8.8	17.1	37.6	98.1	0.0	1.1	30.0	0.0	0.1	0.0
10	62.1	42.3	52.2	2.6	2.6	2.4	60.4	41.6	22.4	5.8	1.0	0.4	147.1	190.3	264.2	402.5	0.0	0.0	28.1	0.0	3.4	0.0
11	50.0	32.9	41.5	3.9	2.4	3.0	6.8	3.7	1.2	0.0	0.0	0.0	413.3	470.3	557.7	706.5	0.0	0.0	14.7	0.7	15.4	0.0
12	39.3	23.5	31.4	3.6	3.7	3.6	0.5	0.2	0.0	0.0	0.0	0.0	732.0	793.7	886.5	1041.5	0.0	0.0	4.8	7.7	25.8	0.4
Summary	59.8	40.4	50.1	3.2	2.9	2.9	2079	1773	1357	773	350	233	3828	4252	4931	6172	0.0	16.2	239.0	34.0	129.2	3.9

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	2.44	10.0	5.2	1.6	0.4	1.85	2.32	2.90
02	2.73	9.5	5.9	1.8	0.4	1.95	2.66	3.04
03	3.45	10.8	6.0	2.2	0.9	2.28	3.26	3.94
04	3.33	11.4	6.8	2.2	0.6	2.06	2.98	4.07
05	3.38	12.4	7.5	2.3	0.7	1.83	3.14	4.38
06	4.04	12.8	8.0	2.8	1.0	2.38	3.79	4.97
07	3.30	11.1	6.7	2.1	0.7	1.57	2.87	4.35
08	3.35	10.3	6.1	2.1	0.7	1.95	3.20	4.43
09	3.72	9.2	5.7	2.1	0.8	2.10	3.31	5.27
10	3.88	11.0	6.4	2.7	0.9	2.60	3.47	4.30
11	3.48	10.3	5.7	2.3	0.8	2.38	3.16	4.41
12	3.29	10.7	6.3	2.3	0.4	2.53	3.36	3.91
Summary	40.39	129.5	76.3	26.5	8.3	25.48	37.52	49.97

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U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service
 Current Location: Elev: 225 ft. Lat: 42.9333° N Lon: -71.4383° W
 Station: **MANCHESTER AP, NH US USW00014710**

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National Centers for Environmental Information
 151 Patton Avenue
 Asheville, North Carolina 28801

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8.3	11.2	65.2	263.4	586.1	844.4	1049.2	999.6	730.4	381.8	122.9	24.9
45	1.9	2.9	29.0	152.1	432.5	694.4	894.2	844.6	580.5	244.6	58.4	8.0
50	0.3	0.7	12.6	77.2	287.5	544.8	739.2	689.7	431.8	133.8	22.7	2.2
55	0.1	0.1	4.9	34.9	166.2	396.9	584.1	534.6	289.2	60.4	6.8	0.5
60	0.0	0.0	1.9	14.6	81.5	257.6	429.3	380.1	168.0	22.4	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.0	9.0	41.3	155.3	335.9	536.3	711.5	673.1	449.1	205.2	61.5	12.6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	20	85	348	934	1779	2828	3827	4558	4940	5062	5087
45	2	5	34	186	618	1313	2207	3052	3632	3877	3935	3943
50	0	1	14	91	378	923	1662	2352	2784	2918	2940	2942
55	0	0	5	40	206	603	1187	1722	2011	2071	2078	2079
60	0	0	2	16	98	356	785	1165	1333	1355	1357	1357
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	15	56	212	548	1084	1795	2468	2918	3123	3184	3197

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

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