

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 185 ft. Lat: 42.7831° N Lon: 71.4147° W
Station: HUDSON 1 SSE, NH US USC00274234

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	33.5	12.9	23.2	3.9	5.5	4.6	0.2	0.1	0.0	0.0	0.0	0.0	985.9	1047.8	1140.7	1295.6	0.0	0.0	2.6	13.6	29.9	5.7
02	36.5	13.5	25.0	4.2	5.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	839.9	895.9	979.9	1119.9	0.0	0.0	3.2	9.5	26.9	4.2
03	44.7	22.9	33.8	3.7	4.2	3.9	2.7	1.8	0.7	0.1	0.0	0.0	659.9	721.0	812.9	967.3	0.0	0.0	9.0	3.5	26.4	1.2
04	57.9	34.1	46.0	2.9	2.0	2.2	26.6	18.9	10.8	3.0	0.4	0.1	296.6	348.9	430.8	573.0	0.0	0.1	23.0	0.1	15.3	0.0
05	68.9	45.7	57.3	3.4	2.3	2.5	136.7	103.6	64.9	25.2	6.9	3.4	65.4	94.3	148.6	263.9	0.0	0.8	30.2	0.0	2.2	0.0
06	77.7	55.6	66.7	2.4	1.7	1.6	353.4	297.7	219.3	112.0	44.1	27.1	4.0	8.2	19.9	62.5	0.0	2.6	30.0	0.0	0.0	0.0
07	83.4	61.2	72.3	2.7	2.4	2.3	536.2	474.3	381.7	233.2	111.1	75.2	0.0	0.1	0.4	7.0	0.1	5.9	31.0	0.0	0.0	0.0
08	81.8	59.1	70.5	2.2	2.1	1.9	478.9	417.2	325.4	184.7	78.7	50.3	0.1	0.3	1.5	15.8	0.0	3.6	31.0	0.0	0.0	0.0
09	74.2	50.8	62.5	2.3	2.6	2.1	246.1	199.4	138.2	62.5	21.6	12.7	21.2	34.5	63.3	137.6	0.0	0.9	30.0	0.0	0.8	0.0
10	61.3	38.0	49.7	2.5	3.2	2.5	41.2	28.0	14.3	3.8	0.8	0.3	207.0	255.8	335.1	479.6	0.0	0.0	28.4	0.0	10.8	0.0
11	49.3	28.3	38.8	3.6	2.6	2.9	4.2	2.3	0.6	0.1	0.0	0.0	490.2	548.3	636.6	786.1	0.0	0.0	14.1	0.8	21.5	0.0
12	38.9	19.7	29.3	3.7	4.0	3.7	0.1	0.0	0.0	0.0	0.0	0.0	796.8	858.7	951.6	1106.6	0.0	0.0	4.2	7.2	28.5	1.4
Summary	59.0	36.8	47.9	3.1	3.2	2.9	1826	1543	1156	625	264	169	4367	4814	5521	6815	0.1	13.9	236.7	34.7	162.3	12.5

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	3.31	11.8	7.0	2.5	0.6	2.30	3.24	4.05
02	3.21	10.7	6.5	2.4	0.7	2.34	3.02	3.84
03	4.22	12.2	7.5	3.0	1.1	3.15	4.03	4.99
04	4.06	12.2	7.1	2.6	0.8	2.37	3.73	5.12
05	3.64	13.1	7.7	2.3	0.6	2.07	3.49	4.40
06	4.16	11.9	7.6	2.6	1.0	2.27	3.46	5.22
07	3.32	11.0	6.2	2.4	0.8	1.93	2.99	5.05
08	3.75	10.5	6.1	2.3	1.0	2.28	3.43	4.68
09	3.68	9.5	5.7	2.2	1.1	2.28	2.91	5.24
10	4.66	11.2	6.8	2.9	1.5	2.67	4.01	5.69
11	3.70	11.2	6.8	2.5	0.9	2.63	3.52	4.46
12	4.35	12.0	7.5	3.5	1.1	3.53	4.44	5.17
Summary	46.06	137.3	82.5	31.2	11.2	29.82	42.27	57.91

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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	17.10	7.7	4.2	2.0	1.1	0.2	24.1	18.5	13.1	7.1	7.70	15.20	20.20
02	16.30	7.9	4.2	1.8	0.8	0.2	21.5	18.2	14.6	8.8	8.70	13.00	22.60
03	14.60	6.1	3.0	1.5	0.9	0.3	16.5	13.9	11.9	7.4	5.00	11.00	20.10
04	2.80	1.4	0.5	0.3	0.2	0.0	1.8	1.0	0.6	0.2	0.00	0.60	3.10
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	0.60	0.2	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
11	2.00	1.3	0.6	0.2	0.1	0.0	2.1	1.1	0.3	0.0	0.00	0.20	2.20
12	13.40	5.8	2.9	1.6	0.9	0.2	15.2	10.5	6.7	2.6	2.90	15.00	19.60
Summary	66.8	30.4	15.5	7.4	4.0	0.9	81.4	63.3	47.3	26.1	24.3	55.0	87.8

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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	6.8	6.5	41.7	212.0	536.5	799.4	1001.1	943.8	674.9	311.4	85.7	14.9
45	1.8	1.5	17.7	117.5	384.4	649.5	846.2	788.9	525.5	187.9	38.7	4.1
50	0.6	0.3	6.8	59.1	246.2	500.1	691.3	633.9	380.0	96.9	14.4	0.8
55	0.2	0.0	2.7	26.6	136.7	353.4	536.2	478.9	246.1	41.2	4.2	0.1
60	0.0	0.0	0.7	10.8	64.9	219.3	381.7	325.4	138.2	14.3	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.1	7.8	34.9	142.5	313.6	503.6	669.2	623.4	422.7	190.6	55.9	10.8

Growing Degree Units (Accumulated Monthly)												
40	7	13	55	267	804	1603	2604	3548	4223	4534	4620	4635
45	2	3	21	138	523	1172	2019	2808	3333	3521	3560	3564
50	1	1	8	67	313	813	1504	2138	2518	2615	2630	2630
55	0	0	3	30	166	520	1056	1535	1781	1822	1826	1826
60	0	0	1	12	76	296	677	1003	1141	1155	1156	1156
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	14	49	191	505	1008	1678	2301	2724	2914	2970	2981

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