

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 665 ft. Lat: 41.7950° N Lon: 72.2286° W

Station: **STORRS, CT US USC00068138**

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	35.0	18.8	26.9	4.4	4.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	870.9	932.9	1025.9	1180.9	0.0	0.0	3.1	13.5	27.2	2.0
02	37.2	20.4	28.8	4.6	4.6	4.5	0.1	0.0	0.0	0.0	0.0	0.0	733.6	789.6	873.5	1013.5	0.0	0.0	3.5	10.0	25.4	0.9
03	44.8	27.8	36.3	4.1	3.6	3.7	3.2	1.9	0.9	0.2	0.0	0.0	582.8	643.5	735.5	889.8	0.0	0.0	8.9	4.2	22.0	0.1
04	57.0	38.0	47.5	3.1	2.1	2.5	30.0	20.3	11.2	3.8	0.8	0.5	255.0	305.3	386.2	528.8	0.0	0.0	21.7	0.2	7.4	0.0
05	67.6	47.7	57.7	3.3	2.1	2.6	136.0	101.1	60.7	20.7	4.6	2.1	53.9	81.0	133.5	248.5	0.0	0.2	30.2	0.0	0.2	0.0
06	75.6	57.0	66.3	1.8	1.6	1.5	342.7	286.3	206.3	98.6	33.7	19.1	3.8	7.3	17.3	59.6	0.0	0.3	30.0	0.0	0.0	0.0
07	80.5	62.8	71.7	2.1	2.2	2.1	516.0	454.1	361.4	211.9	90.5	56.1	0.0	0.0	0.4	5.8	0.0	1.5	31.0	0.0	0.0	0.0
08	79.1	60.9	70.0	2.0	2.1	1.9	464.9	403.1	310.8	167.9	62.4	36.2	0.0	0.1	0.9	13.0	0.0	0.6	31.0	0.0	0.0	0.0
09	72.7	54.1	63.4	2.2	2.3	2.1	263.8	212.8	145.4	61.5	17.1	8.6	11.9	20.9	43.5	109.6	0.0	0.1	30.0	0.0	0.0	0.0
10	61.3	42.9	52.1	2.5	2.6	2.3	58.6	38.7	19.5	4.3	0.6	0.2	148.4	190.5	264.3	404.2	0.0	0.0	27.8	0.0	2.8	0.0
11	50.3	34.0	42.1	3.5	2.8	3.0	8.5	4.6	1.5	0.0	0.0	0.0	394.0	450.1	537.0	685.5	0.0	0.0	15.2	0.9	13.4	0.0
12	40.1	25.3	32.7	4.1	3.9	4.0	0.6	0.2	0.0	0.0	0.0	0.0	691.8	753.4	846.2	1001.2	0.0	0.0	5.7	7.3	24.3	0.1
Summary	58.4	40.8	49.6	3.1	2.9	2.9	1824	1523	1118	569	210	123	3746	4175	4864	6140	0.0	2.7	238.1	36.1	122.7	3.1

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	3.65	10.2	6.5	2.2	0.7	2.62	3.17	4.47
02	2.99	9.0	6.8	2.0	0.6	2.20	2.76	3.40
03	4.38	10.2	6.9	2.8	1.3	3.11	4.38	4.93
04	4.23	11.3	7.9	2.6	0.9	2.81	3.99	5.34
05	3.73	12.7	8.2	2.2	0.6	3.00	3.65	4.65
06	4.52	10.9	7.0	2.8	1.1	2.52	3.69	5.94
07	4.01	10.5	7.0	2.7	0.9	2.85	3.80	4.61
08	4.30	9.5	6.7	3.1	1.2	2.84	3.79	5.09
09	4.48	9.0	6.3	2.8	1.5	2.16	3.60	6.73
10	4.58	10.6	7.0	3.0	1.6	2.40	4.31	5.58
11	3.90	9.1	6.3	2.9	1.1	2.98	3.78	4.78
12	4.50	10.4	7.7	3.5	1.1	3.44	4.24	5.36
Summary	49.27	123.4	84.3	32.6	12.6	32.93	45.16	60.88

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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

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	8.30	3.8	3.1	1.2	0.6	0.0					5.00	6.70	10.10
02	14.10	4.0	3.2	1.7	0.6	0.2					5.60	10.10	20.30
03	6.30	2.5	2.1	0.9	0.5	0.1					1.80	5.30	9.70
04	1.70	0.6	0.4	0.2	0.1	0.0					0.00	0.00	0.70
05	0.00	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.30	0.1	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	1.10	0.4	0.4	0.1	0.0	0.0					0.00	0.00	1.80
12	7.20	2.1	1.8	0.9	0.5	0.1					0.30	10.80	12.00
Summary	39.0	13.5	11.0	5.0	2.3	0.4	0.0	0.0	0.0	0.0	12.7	32.9	54.6

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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	13.6	15.8	65.3	247.3	547.3	789.0	981.0	929.9	701.9	380.3	139.4	36.0
45	3.1	4.5	27.3	141.8	394.3	639.0	826.0	774.9	552.1	243.4	68.8	13.1
50	0.3	0.9	10.1	70.5	251.7	489.6	671.0	619.9	404.0	133.1	28.1	3.6
55	0.0	0.1	3.2	30.0	136.0	342.7	516.0	464.9	263.8	58.6	8.5	0.6
60	0.0	0.0	0.9	11.2	60.7	206.3	361.4	310.8	145.4	19.5	1.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	7.8	9.7	35.0	131.0	300.4	493.8	664.3	616.2	423.5	195.2	64.5	16.4
Growing Degree Units (Accumulated Monthly)												
40	14	29	95	342	889	1678	2659	3589	4291	4671	4811	4847
45	3	8	35	177	571	1210	2036	2811	3363	3606	3675	3688
50	0	1	11	82	334	823	1494	2114	2518	2651	2679	2683
55	0	0	3	33	169	512	1028	1493	1757	1815	1824	1824
60	0	0	1	12	73	279	640	951	1097	1116	1118	1118
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	18	52	184	484	978	1642	2258	2682	2877	2941	2958

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