

Summary of Monthly Normals 1991-2020

Generated on 07/21/2024

Current Location: Elev: 326 ft. Lat: 43.0411° N Lon: 73.8211° W
 Station: **SARATOGA SPRINGS 4 SW, NY US USC00307484**

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	32.0	14.3	23.1	4.4	5.9	5.1	0.1	0.0	0.0	0.0	0.0	0.0	987.2	1049.1	1142.2	1297.2	0.0	0.0	1.4	15.3	28.7	5.0
02	35.4	16.0	25.7	4.4	5.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	820.3	876.3	960.3	1100.3	0.0	0.0	2.2	10.2	26.0	3.7
03	45.3	24.8	35.1	4.8	3.9	4.2	3.6	2.6	1.4	0.4	0.1	0.0	622.0	682.9	774.8	928.8	0.0	0.0	9.6	3.2	24.1	0.7
04	60.3	35.9	48.1	3.8	2.2	2.8	39.5	28.4	16.1	5.1	1.2	0.6	246.6	295.5	373.1	512.1	0.0	0.1	25.1	0.1	11.8	0.0
05	72.5	47.0	59.8	3.4	2.8	2.9	187.2	145.6	94.8	39.3	11.4	6.2	40.1	60.5	102.6	202.1	0.0	0.8	30.9	0.0	1.3	0.0
06	79.9	56.2	68.0	2.3	1.8	1.7	392.7	334.4	250.4	130.0	50.0	30.2	1.3	2.9	9.0	38.6	0.0	2.3	30.0	0.0	0.0	0.0
07	83.8	60.9	72.4	2.8	2.3	2.4	537.8	475.8	382.8	231.2	104.7	68.8	0.0	0.0	0.0	3.5	0.0	4.6	31.0	0.0	0.0	0.0
08	82.1	59.4	70.7	2.2	2.2	2.1	488.3	426.4	334.3	190.5	77.3	47.0	0.1	0.3	1.1	12.3	0.0	2.4	31.0	0.0	0.0	0.0
09	74.9	51.8	63.3	2.5	2.5	2.3	266.5	217.1	150.7	68.4	21.8	11.6	16.1	26.7	50.3	118.0	0.0	0.8	30.0	0.0	0.5	0.0
10	62.1	40.5	51.3	3.0	2.9	2.7	55.7	37.5	19.2	4.8	0.9	0.3	170.4	214.2	288.9	429.5	0.0	0.0	28.5	0.0	7.0	0.0
11	48.7	30.8	39.8	4.2	2.7	3.3	4.2	2.0	0.4	0.0	0.0	0.0	461.7	519.5	608.0	757.5	0.0	0.0	13.4	1.4	18.1	0.0
12	37.0	21.6	29.3	4.0	4.2	4.0	0.1	0.0	0.0	0.0	0.0	0.0	796.7	858.6	951.6	1106.6	0.0	0.0	2.4	9.1	27.0	1.2
Summary	59.5	38.3	48.9	3.5	3.2	3.2	1976	1670	1250	670	267	165	4162	4586	5262	6506	0.0	11.0	235.5	39.3	144.5	10.6

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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	3.41	12.3	7.1	2.1	0.6	2.42	3.17	4.31	
02	2.65	9.5	6.0	1.8	0.5	1.80	2.36	3.28	
03	3.42	10.5	7.0	2.3	0.8	2.20	3.45	4.34	
04	3.78	11.7	7.8	2.6	0.7	2.56	3.61	4.78	
05	3.86	12.7	8.0	2.5	0.7	2.53	3.60	5.30	
06	4.80	12.4	8.2	3.5	1.3	3.03	4.74	6.30	
07	4.98	12.5	8.4	3.5	1.2	2.85	5.02	6.12	
08	4.11	11.0	7.1	2.7	1.0	3.01	3.83	5.07	
09	3.82	10.0	6.6	2.5	0.9	2.84	3.28	4.43	
10	4.14	11.5	6.8	2.8	1.0	2.83	3.70	5.32	
11	3.49	11.4	7.1	2.7	0.9	2.50	3.46	4.23	
12	3.92	12.3	8.1	2.6	0.8	3.25	3.92	4.64	
Summary	46.38	137.8	88.2	31.6	10.4	31.82	44.14	58.12	

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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	16.50	8.2	4.9	1.8	0.8	0.2	23.1	18.4	14.2	6.7	7.60	16.90	23.00
02	15.70	6.9	4.6	1.7	0.7	0.3	23.0	19.8	16.8	9.9	7.40	11.60	22.30
03	11.40	4.7	3.0	1.5	0.8	0.3	16.7	13.4	10.8	6.2	3.80	9.30	18.10
04	1.80	1.2	0.7	0.1	0.0	0.0	1.8	1.1	0.9	0.2	0.00	0.00	2.50
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	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	2.90	1.8	1.1	0.3	0.2	0.0	3.2	1.4	0.7	0.1	0.00	0.70	4.00
12	15.10	5.7	3.8	1.7	0.8	0.2	16.2	11.8	6.2	2.6	6.30	13.50	22.50
Summary	63.5	28.6	18.2	7.1	3.3	1.0	84.1	65.9	49.6	25.7	25.1	52.0	92.4

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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	5.3	6.0	55.7	267.6	612.2	841.4	1002.7	953.1	700.4	356.7	100.7	14.7
45	1.6	1.2	22.4	158.6	458.6	691.5	847.8	798.2	550.8	225.3	45.8	4.6
50	0.5	0.2	8.9	83.5	312.9	541.6	692.8	643.2	403.6	123.5	17.2	1.3
55	0.1	0.0	3.6	39.5	187.2	392.7	537.8	488.3	266.5	55.7	4.2	0.1
60	0.0	0.0	1.4	16.1	94.8	250.4	382.8	334.3	150.7	19.2	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.3	4.5	39.0	175.6	379.0	544.7	674.9	636.4	439.1	204.5	51.6	5.5

Growing Degree Units (Accumulated Monthly)												
40	5	11	67	335	947	1788	2791	3744	4444	4801	4902	4916
45	2	3	25	184	642	1334	2182	2980	3531	3756	3802	3806
50	0	1	10	93	406	948	1640	2284	2687	2811	2828	2829
55	0	0	4	43	230	623	1161	1649	1916	1971	1976	1976
60	0	0	1	18	112	363	746	1080	1230	1250	1250	1250
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	8	47	222	601	1146	1821	2457	2896	3101	3153	3158

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