

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

Current Location: Elev: 718 ft. Lat: 42.8767° N Lon: 77.0308° W
Station: GENEVA RSCH FARM, NY US USC00303184

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	30.4	15.8	23.1	4.5	5.5	4.9	0.1	0.0	0.0	0.0	0.0	0.0	988.8	1050.7	1143.7	1298.7	0.0	0.0	2.2	16.9	28.4	3.1
02	32.2	16.7	24.5	4.9	5.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	855.4	911.4	995.4	1135.4	0.0	0.0	2.2	13.6	25.9	2.1
03	40.0	23.9	31.9	5.0	4.3	4.5	3.3	2.3	1.1	0.1	0.0	0.0	717.8	778.8	870.6	1024.6	0.0	0.0	6.8	7.4	24.6	0.4
04	53.7	34.8	44.2	3.5	2.4	2.9	23.4	16.3	8.5	2.7	0.7	0.3	345.9	398.8	481.0	625.2	0.0	0.0	19.0	0.5	11.2	0.0
05	66.6	46.4	56.5	3.9	3.2	3.4	134.6	103.3	65.5	26.5	6.7	2.9	88.2	118.9	174.1	290.1	0.0	0.1	29.6	0.0	0.4	0.0
06	75.1	56.0	65.6	2.4	1.6	1.9	323.4	269.1	194.6	93.8	32.0	18.4	6.9	12.6	28.1	77.4	0.0	1.2	30.0	0.0	0.0	0.0
07	79.4	60.6	70.0	2.9	2.1	2.4	464.9	403.0	311.2	170.7	67.5	41.5	0.0	0.1	1.3	15.8	0.0	2.3	31.0	0.0	0.0	0.0
08	77.8	59.0	68.4	2.6	1.8	2.1	415.6	354.1	264.7	132.5	43.2	23.0	0.3	0.8	4.4	27.1	0.0	1.1	31.0	0.0	0.0	0.0
09	71.2	51.5	61.3	2.5	2.1	2.2	216.4	170.9	113.3	45.4	12.7	6.5	26.0	40.4	72.9	154.9	0.0	0.6	29.9	0.0	0.1	0.0
10	58.5	41.3	49.9	2.8	2.6	2.5	45.2	30.3	15.2	3.2	0.3	0.1	203.3	250.4	328.3	471.3	0.0	0.0	25.6	0.0	3.2	0.0
11	46.4	31.5	38.9	4.4	2.6	3.4	3.1	1.3	0.3	0.0	0.0	0.0	484.6	542.8	631.8	781.5	0.0	0.0	11.9	2.0	16.2	0.0
12	35.9	22.9	29.4	4.6	4.0	4.2	0.2	0.1	0.0	0.0	0.0	0.0	793.8	855.7	948.6	1103.6	0.0	0.0	3.4	10.5	26.3	0.3
Summary	55.6	38.4	47.0	3.7	3.1	3.3	1630	1351	974	475	163	93	4511	4961	5680	7006	0.0	5.3	222.6	50.9	136.3	5.9

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	1.79	13.9	4.9	0.7	0.2	0.98	1.64	2.23	
02	1.58	11.3	4.3	0.8	0.1	1.01	1.49	1.92	
03	2.40	12.0	5.9	1.2	0.2	1.56	2.13	3.28	
04	2.76	12.5	6.5	1.7	0.3	1.89	2.54	3.31	
05	3.27	13.2	7.5	2.1	0.5	2.16	2.87	4.51	
06	3.63	12.7	8.0	2.5	0.8	2.39	3.42	4.81	
07	3.73	12.0	8.0	2.6	0.8	2.14	3.37	4.83	
08	3.49	12.2	7.4	2.2	0.6	2.55	3.32	4.13	
09	3.26	12.4	7.0	1.9	0.6	2.28	2.84	4.02	
10	3.83	15.5	8.6	2.3	0.6	2.54	3.17	4.87	
11	2.55	12.3	5.9	1.5	0.5	1.72	2.54	3.46	
12	2.32	12.7	5.8	1.3	0.2	1.78	2.27	2.71	
Summary	34.61	152.7	79.8	20.8	5.4	23.00	31.60	44.08	

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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	13.50	8.9	5.5	1.4	0.3	0.1	21.2	13.4	8.7	3.9	9.00	11.10	18.00
02	13.30	8.6	5.7	1.1	0.5	0.0	21.0	13.7	9.9	5.6	7.30	11.20	16.20
03	12.80	5.7	3.9	1.3	0.8	0.2	14.5	9.6	7.4	3.7	3.80	11.90	16.20
04	1.80	1.3	0.8	0.2	0.1	0.0	1.4	0.3	0.0	0.0	0.00	1.20	2.90
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	4.70	2.7	1.8	0.5	0.3	0.0	4.4	1.9	1.0	0.2	0.30	3.70	7.90
12	10.40	6.6	4.0	1.2	0.5	0.1	14.8	7.3	4.4	1.0	6.50	8.70	13.70
Summary	56.6	33.9	21.8	5.7	2.5	0.4	77.4	46.2	31.4	14.4	26.9	47.8	74.9

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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	8.0	7.4	43.6	187.7	512.5	766.4	929.9	880.3	640.5	317.9	93.1	17.3
45	2.8	1.8	19.7	104.7	365.3	616.5	774.9	725.3	491.2	193.6	42.0	5.2
50	0.7	0.3	7.9	51.8	235.5	467.6	619.9	570.3	346.4	102.1	15.0	1.3
55	0.1	0.0	3.3	23.4	134.6	323.4	464.9	415.6	216.4	45.2	3.1	0.2
60	0.0	0.0	1.1	8.5	65.5	194.6	311.2	264.7	113.3	15.2	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.9	4.4	27.3	106.9	288.0	474.1	614.2	568.7	373.6	156.6	44.3	7.8
Growing Degree Units (Accumulated Monthly)												
40	8	15	59	247	759	1526	2456	3336	3976	4294	4387	4405
45	3	5	24	129	494	1111	1886	2611	3102	3296	3338	3343
50	1	1	9	61	296	764	1384	1954	2300	2402	2417	2419
55	0	0	3	27	161	485	950	1365	1582	1627	1630	1630
60	0	0	1	10	75	270	581	846	959	974	974	974
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	8	36	142	430	905	1519	2088	2461	2618	2662	2670

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