

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1147 ft. Lat: 42.1342° N Lon: 77.0692° W

Station: CORNING, NY US USC00301787

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	29.5	12.2	20.8	4.3	5.9	5.0	0.2	0.1	0.0	0.0	0.0	0.0	1058.7	1120.6	1213.4	1368.5	0.0	0.0	1.9	17.1	29.3	5.2
02	32.6	12.8	22.7	4.6	5.9	5.1	0.0	0.0	0.0	0.0	0.0	0.0	904.4	960.4	1044.3	1184.4	0.0	0.0	2.4	12.8	26.8	3.5
03	41.5	19.6	30.5	4.8	4.2	4.3	0.9	0.3	0.1	0.0	0.0	0.0	758.8	820.2	912.9	1067.9	0.0	0.0	8.3	5.6	26.7	0.9
04	55.2	30.5	42.9	3.8	2.4	2.7	14.6	9.8	4.9	1.4	0.2	0.1	379.1	434.3	519.4	665.9	0.0	0.1	20.8	0.3	17.0	0.0
05	67.6	41.6	54.6	3.7	3.3	3.3	98.4	71.8	40.9	12.3	2.4	1.1	110.8	146.3	208.4	334.8	0.0	0.3	29.9	0.0	3.8	0.0
06	74.9	50.6	62.8	2.3	1.6	1.6	244.6	194.6	128.7	51.1	12.1	5.4	12.1	22.2	46.3	118.7	0.0	1.1	30.0	0.0	0.0	0.0
07	79.1	55.1	67.1	2.8	2.2	2.3	375.3	314.2	226.4	102.9	30.1	15.1	0.2	1.1	6.4	37.9	0.0	2.4	31.0	0.0	0.0	0.0
08	77.2	54.0	65.6	2.7	2.0	2.1	330.1	270.5	186.9	78.5	21.0	10.2	1.5	4.0	13.4	60.0	0.0	1.3	31.0	0.0	0.0	0.0
09	70.1	46.7	58.4	2.8	2.6	2.2	149.5	112.7	68.4	21.1	3.4	1.1	47.6	70.8	116.5	219.2	0.0	0.4	30.0	0.0	0.3	0.0
10	57.7	36.2	46.9	2.8	2.9	2.5	22.3	13.6	5.8	0.7	0.0	0.0	271.8	325.1	410.4	560.3	0.0	0.0	25.1	0.0	8.9	0.0
11	44.9	26.6	35.8	4.3	2.7	3.4	0.9	0.4	0.0	0.0	0.0	0.0	578.3	637.9	727.5	877.5	0.0	0.0	10.8	2.4	21.6	0.1
12	34.2	19.2	26.7	4.3	4.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	877.3	939.3	1032.2	1187.3	0.0	0.0	2.4	11.7	28.3	0.7
Summary	55.4	33.8	44.6	3.6	3.4	3.2	1237	988	662	268	69	33	5001	5482	6251	7682	0.0	5.6	223.6	49.9	162.7	10.4

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	2.34	14.8	6.2	1.1	0.3	1.65	2.28	2.82
02	1.92	11.8	5.4	0.8	0.1	1.40	1.70	2.26
03	2.99	13.3	6.6	2.0	0.5	2.12	2.75	3.67
04	3.37	14.1	7.9	2.1	0.4	2.46	3.18	3.97
05	3.05	14.0	7.4	1.7	0.5	1.91	2.91	4.12
06	4.18	13.6	8.5	2.9	0.9	2.74	4.01	5.47
07	3.69	12.7	7.7	2.5	0.5	2.45	3.19	4.80
08	3.86	12.2	7.5	2.5	0.9	2.45	3.29	4.89
09	4.18	11.6	6.9	2.5	1.0	2.56	3.62	5.67
10	3.60	14.2	7.3	2.2	0.6	2.54	3.19	4.32
11	2.85	13.6	5.9	1.5	0.5	2.01	2.79	3.56
12	2.66	15.3	6.2	1.6	0.2	2.05	2.65	3.15
Summary	38.69	161.2	83.5	23.4	6.4	26.34	35.56	48.70

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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	11.80	11.1	3.4	1.1	0.5	0.0	20.7	11.6	7.2	2.1	6.00	8.90	16.90
02	11.30	9.4	3.6	1.2	0.6	0.0	19.5	13.5	9.4	4.6	7.20	9.60	15.70
03	13.60	7.1	3.1	1.1	0.9	0.1	15.0	10.4	7.5	3.0	5.70	11.50	19.80
04	2.20	1.9	0.8	0.2	0.0	0.0	1.4	0.5	0.0	0.0	0.30	1.30	3.40
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	0.20	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	4.10	3.5	1.4	0.2	0.1	0.0	3.4	1.3	0.6	0.1	1.10	3.20	5.70
12	10.00	8.7	2.5	0.9	0.5	0.0	14.4	7.8	4.0	0.5	4.70	8.30	17.20
Summary	53.2	41.9	14.9	4.7	2.6	0.1	74.5	45.1	28.7	10.3	25.0	42.8	78.7

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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	4.8	3.9	31.3	160.5	455.7	682.4	840.0	793.5	552.0	240.9	56.9	9.6
45	1.4	0.6	12.1	84.1	312.0	532.5	685.0	638.5	404.1	135.1	23.3	3.0
50	0.4	0.2	4.2	37.6	189.0	384.4	530.0	483.6	265.5	63.6	6.4	0.6
55	0.2	0.0	0.9	14.6	98.4	244.6	375.3	330.1	149.5	22.3	0.9	0.0
60	0.0	0.0	0.1	4.9	40.9	128.7	226.4	186.9	68.4	5.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.3	4.9	30.6	121.1	285.2	420.6	535.5	495.4	328.6	141.6	36.3	5.2

Growing Degree Units (Accumulated Monthly)												
40	5	9	40	200	656	1339	2179	2972	3524	3765	3822	3832
45	1	2	14	98	410	943	1628	2266	2670	2805	2829	2832
50	0	1	5	42	231	616	1146	1629	1895	1958	1965	1966
55	0	0	1	16	114	359	734	1064	1214	1236	1237	1237
60	0	0	0	5	46	175	401	588	656	662	662	662
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	8	39	160	445	866	1401	1897	2225	2367	2403	2408

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

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