

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 214 ft. Lat: 44.9358° N Lon: 74.8458° W
Station: MASSENA INTL AP, NY US USW00094725

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	25.4	5.9	15.6	5.0	6.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1219.7	1281.6	1374.6	1529.6	0.0	0.0	1.1	21.6	29.6	11.5
02	28.2	7.3	17.8	5.3	6.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1043.0	1098.9	1182.8	1322.8	0.0	0.0	0.8	17.2	26.7	9.0
03	38.2	18.7	28.5	4.4	5.2	4.7	1.5	1.0	0.4	0.0	0.0	0.0	824.6	886.0	978.4	1133.0	0.0	0.0	5.1	9.5	27.1	2.9
04	53.7	32.2	42.9	3.2	2.5	2.6	14.6	9.8	5.1	1.3	0.2	0.0	376.1	431.3	516.7	662.9	0.0	0.0	19.1	0.5	15.1	0.0
05	67.9	43.9	55.9	3.6	2.5	2.8	113.5	83.7	49.8	17.4	4.5	2.3	85.6	117.8	177.0	299.6	0.0	0.2	30.1	0.0	2.1	0.0
06	76.2	53.4	64.8	2.6	2.0	2.0	300.3	246.0	172.8	78.3	24.7	13.9	6.3	12.0	28.8	84.4	0.0	1.3	30.0	0.0	0.0	0.0
07	80.8	58.2	69.5	2.9	2.0	2.3	449.5	387.6	296.3	156.6	59.2	35.4	0.0	0.2	2.0	17.3	0.0	2.4	31.0	0.0	0.0	0.0
08	78.9	56.2	67.5	2.3	1.8	1.9	389.5	328.6	240.6	116.7	37.1	19.3	0.5	1.6	6.7	37.8	0.0	1.4	31.0	0.0	0.0	0.0
09	71.2	47.8	59.5	2.9	2.7	2.6	178.0	137.5	87.2	34.0	9.8	5.4	43.0	62.5	102.3	199.1	0.0	0.5	29.8	0.0	0.8	0.0
10	57.5	37.4	47.5	3.1	2.9	2.8	28.5	18.4	8.6	1.8	0.1	0.0	262.5	314.4	397.7	545.8	0.0	0.0	24.1	0.0	8.2	0.0
11	44.6	26.9	35.8	4.2	3.4	3.7	1.8	0.7	0.1	0.0	0.0	0.0	579.3	638.3	727.7	877.6	0.0	0.0	9.2	3.6	20.4	0.2
12	32.1	15.5	23.8	4.6	5.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	967.2	1029.1	1122.1	1277.1	0.0	0.0	2.0	14.8	28.0	4.5
Summary	54.6	33.6	44.1	3.7	3.6	3.5	1477	1213	861	406	136	76	5408	5874	6617	7987	0.0	5.8	213.3	67.2	158.0	28.1

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	2.11	13.4	5.5	1.1	0.2	1.13	1.64	3.15	
02	1.58	10.3	4.6	0.7	0.1	0.89	1.40	2.06	
03	2.04	11.9	6.0	0.8	0.1	1.10	2.04	2.87	
04	2.91	12.5	7.0	1.8	0.4	1.85	2.57	3.61	
05	3.14	12.4	7.3	2.0	0.4	2.03	3.14	3.88	
06	3.71	12.7	8.1	2.1	0.7	2.32	3.43	4.92	
07	3.46	11.6	6.7	2.1	0.6	2.13	3.43	4.81	
08	3.36	10.9	6.5	2.1	0.9	2.52	3.42	4.07	
09	3.50	11.3	7.1	2.2	0.8	2.55	3.14	4.54	
10	3.43	12.4	7.1	2.0	0.7	2.25	3.13	4.06	
11	2.59	12.6	6.9	1.3	0.2	1.73	2.49	3.52	
12	2.09	13.6	5.8	0.9	0.2	1.60	2.12	2.58	
Summary	33.92	145.6	78.6	19.1	5.3	22.10	31.95	44.07	

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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	2.7	2.1	22.4	155.5	493.9	743.9	914.4	854.0	585.1	256.4	61.6	8.3
45	0.7	0.5	8.8	80.7	346.0	594.0	759.3	698.9	437.6	147.8	26.3	2.0
50	0.1	0.0	3.6	36.6	215.3	444.7	604.4	544.0	298.5	72.8	9.0	0.4
55	0.0	0.0	1.5	14.6	113.5	300.3	449.5	389.5	178.0	28.5	1.8	0.0
60	0.0	0.0	0.4	5.1	49.8	172.8	296.3	240.6	87.2	8.6	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.0	1.8	16.5	100.9	295.2	463.4	598.2	548.9	354.4	140.5	35.8	4.4
Growing Degree Units (Accumulated Monthly)												
40	3	5	27	183	677	1420	2335	3189	3774	4030	4092	4100
45	1	1	10	91	437	1031	1790	2489	2926	3074	3101	3103
50	0	0	4	40	256	700	1305	1849	2147	2220	2229	2229
55	0	0	2	16	130	430	879	1269	1447	1475	1477	1477
60	0	0	0	6	55	228	524	765	852	861	861	861
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	4	20	121	416	880	1478	2027	2381	2522	2558	2562

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