

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 863 ft. Lat: 43.7928° N Lon: 75.4828° W

Station: LOWVILLE, NY US USC00304912

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	26.6	8.0	17.3	4.8	6.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1168.6	1230.5	1323.5	1478.5	0.0	0.0	1.0	20.7	29.5	10.1
02	28.8	9.4	19.1	4.8	6.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1005.2	1061.1	1145.1	1285.1	0.0	0.0	1.0	17.3	27.1	7.9
03	37.5	18.5	28.0	4.9	5.1	4.9	2.0	1.4	0.6	0.0	0.0	0.0	839.0	900.3	992.5	1146.9	0.0	0.0	4.8	10.0	27.4	3.0
04	52.0	31.6	41.8	3.7	2.4	2.9	14.7	9.8	4.7	1.0	0.1	0.0	410.7	465.8	550.7	697.0	0.0	0.0	16.8	0.9	17.8	0.0
05	65.8	43.2	54.5	3.9	2.9	3.1	101.9	75.2	45.6	15.2	3.2	1.3	117.4	152.8	216.1	340.8	0.0	0.1	29.1	0.0	3.0	0.0
06	74.0	52.7	63.4	2.5	2.0	2.0	262.7	211.8	143.4	61.1	18.4	9.9	12.3	21.4	43.0	110.6	0.0	0.4	30.0	0.0	0.0	0.0
07	78.4	57.3	67.8	2.9	2.3	2.4	398.5	337.3	248.4	121.2	39.9	22.1	0.2	0.9	5.1	32.9	0.0	0.8	31.0	0.0	0.0	0.0
08	77.2	55.2	66.2	2.4	1.8	1.9	348.6	289.2	205.0	91.5	24.5	11.7	1.5	4.0	12.8	54.4	0.0	0.3	31.0	0.0	0.0	0.0
09	70.1	47.2	58.6	2.8	2.5	2.5	161.4	123.9	78.0	28.3	6.9	3.1	51.9	74.4	118.5	218.8	0.0	0.1	29.7	0.0	1.3	0.0
10	56.7	37.5	47.1	2.9	2.6	2.6	28.6	17.9	8.1	1.5	0.1	0.0	273.5	324.8	408.0	556.4	0.0	0.0	22.8	0.0	9.3	0.0
11	44.0	27.5	35.7	4.3	3.3	3.7	1.5	0.6	0.0	0.0	0.0	0.0	579.0	638.1	727.6	877.5	0.0	0.0	8.5	4.2	20.8	0.2
12	32.5	16.8	24.7	4.3	5.3	4.7	0.1	0.0	0.0	0.0	0.0	0.0	941.0	1002.8	1095.8	1250.8	0.0	0.0	1.9	14.6	28.3	4.1
Summary	53.6	33.7	43.7	3.7	3.6	3.5	1320	1067	734	320	93	48	5400	5877	6639	8050	0.0	1.7	207.6	67.7	164.5	25.3

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	3.47	18.1	8.3	1.8	0.6	2.70	3.35	4.00	
02	2.59	15.1	6.9	1.3	0.2	1.89	2.48	3.04	
03	2.65	13.4	6.4	1.6	0.3	1.62	2.44	3.28	
04	3.11	13.6	6.9	1.9	0.5	1.85	3.10	4.13	
05	3.39	13.3	7.6	2.2	0.6	2.00	2.75	5.22	
06	3.72	12.2	7.9	2.4	0.7	1.79	3.35	5.15	
07	3.48	10.9	7.0	2.3	0.8	2.34	3.32	4.42	
08	3.80	10.7	6.7	2.5	0.8	1.96	4.19	5.40	
09	3.49	11.5	7.2	2.1	0.6	2.42	3.18	4.39	
10	4.56	14.3	9.6	2.7	0.8	3.12	4.06	6.51	
11	3.75	14.9	8.3	2.3	0.7	2.88	3.45	4.66	
12	3.82	18.0	9.6	2.2	0.3	2.75	3.70	4.71	
Summary	41.83	166.0	92.4	25.3	6.9	27.32	39.37	54.91	

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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	35.60	16.4	9.9	4.1	2.1	0.4	27.5	23.7	20.4	10.9	22.20	36.90	43.90
02	29.60	13.9	8.2	3.4	2.0	0.3	26.9	24.3	21.1	13.6	16.20	30.70	42.40
03	15.80	9.1	4.8	1.6	0.8	0.2	21.0	17.7	14.9	9.6	5.90	15.60	22.90
04	4.10	3.1	1.6	0.2	0.2	0.0	4.3	2.2	1.8	0.9	0.50	1.70	5.90
05	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
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	0.40	0.4	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	9.40	5.2	3.6	1.1	0.5	0.0	7.6	4.1	2.4	0.4	2.40	7.00	14.10
12	31.90	12.8	7.7	3.4	1.7	0.6	21.7	14.9	10.6	4.8	17.20	30.30	41.90
Summary	127.0	61.1	36.1	13.8	7.3	1.5	109.2	86.9	71.2	40.2	64.4	122.2	171.1

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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	4.2	2.5	24.5	139.5	452.2	700.4	863.3	812.1	560.1	249.3	65.2	9.3
45	1.2	0.2	9.4	72.9	309.9	550.6	708.2	657.1	413.6	143.8	27.2	2.4
50	0.5	0.0	4.2	34.5	191.2	402.9	553.2	502.2	277.5	71.3	9.1	0.6
55	0.0	0.0	2.0	14.7	101.9	262.7	398.5	348.6	161.4	28.6	1.5	0.1
60	0.0	0.0	0.6	4.7	45.6	143.4	248.4	205.0	78.0	8.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.5	1.6	16.5	88.1	266.1	425.7	554.6	512.2	335.1	132.3	33.4	4.1
Growing Degree Units (Accumulated Monthly)												
40	4	7	31	171	623	1323	2187	2999	3559	3808	3873	3883
45	1	1	11	84	394	944	1652	2310	2723	2867	2894	2896
50	0	0	5	39	230	633	1186	1689	1966	2038	2047	2047
55	0	0	2	17	119	381	780	1128	1290	1318	1320	1320
60	0	0	1	5	51	194	443	648	726	734	734	734
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	3	20	108	374	800	1354	1866	2201	2334	2367	2371

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