

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1420 ft. Lat: 42.0736° N Lon: 78.4517° W

Station: **OLEAN, NY US USC00306196**

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	31.7	13.1	22.4	4.4	7.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1010.1	1072.1	1165.0	1320.1	0.0	0.0	2.3	17.0	28.6	5.8
02	34.4	14.8	24.6	5.2	5.9	5.4	0.3	0.1	0.0	0.0	0.0	0.0	851.3	907.1	991.0	1131.0	0.0	0.0	3.6	12.0	26.2	4.2
03	43.1	21.1	32.1	5.0	4.6	4.7	3.8	2.5	1.0	0.1	0.0	0.0	713.5	774.1	865.6	1019.7	0.0	0.0	9.4	6.5	25.0	1.2
04	56.5	32.4	44.5	3.1	2.5	2.6	18.1	11.2	4.4	0.6	0.0	0.0	334.6	387.8	470.9	617.1	0.0	0.0	19.5	0.3	15.5	0.0
05	68.3	43.7	56.0	4.0	2.8	3.2	123.3	90.7	53.5	17.0	3.2	1.3	92.4	121.9	177.7	296.1	0.0	0.0	29.6	0.0	1.4	0.0
06	76.0	52.5	64.2	1.4	2.0	1.4	283.7	228.5	153.0	60.0	14.3	5.9	6.2	11.1	25.6	82.5	0.0	0.4	30.0	0.0	0.0	0.0
07	80.3	57.0	68.6	2.4	2.3	2.2	422.9	361.0	270.1	135.1	41.9	21.4	0.0	0.1	2.3	22.2	0.0	1.5	31.0	0.0	0.0	0.0
08	78.7	55.3	67.0	2.2	2.3	2.0	372.5	311.5	223.5	98.6	23.3	10.7	0.6	1.6	6.7	36.8	0.0	0.1	31.0	0.0	0.0	0.0
09	72.6	49.0	60.8	2.6	2.7	2.2	201.6	158.5	104.0	42.2	10.3	4.1	27.8	44.8	80.3	168.4	0.0	0.3	30.0	0.0	0.4	0.0
10	59.8	38.4	49.1	3.2	2.1	2.4	40.3	25.8	12.0	2.8	0.3	0.1	223.2	270.7	349.8	495.7	0.0	0.0	25.8	0.0	5.7	0.0
11	47.3	28.5	37.9	4.7	2.5	3.5	2.2	0.8	0.1	0.0	0.0	0.0	515.1	573.8	663.0	812.9	0.0	0.0	12.1	3.0	21.8	0.1
12	37.1	20.7	28.9	4.3	4.3	4.2	0.1	0.0	0.0	0.0	0.0	0.0	809.2	871.1	964.1	1119.1	0.0	0.0	4.6	8.7	25.8	0.7
Summary	57.1	35.5	46.3	3.5	3.4	3.3	1469	1191	822	356	93	44	4584	5036	5762	7122	0.0	2.3	228.9	47.5	150.4	12.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 1420 ft. Lat: 42.0736° N Lon: 78.4517° W
Station: **OLEAN, NY US USC00306196**

Summary of Monthly Normals
1991-2020
Generated on 05/23/2024

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	2.73	18.9	7.4	1.2	0.2	2.09	2.49	3.44	
02	1.97	15.2	5.9	0.6	0.1	1.43	1.73	2.37	
03	2.63	14.9	7.3	1.2	0.3	1.95	2.60	3.18	
04	3.35	14.7	8.3	1.9	0.3	2.71	3.39	4.14	
05	3.66	14.7	8.4	2.3	0.7	2.50	3.18	4.53	
06	4.48	14.3	8.7	3.0	1.0	2.97	4.44	5.65	
07	4.28	12.9	8.2	3.0	0.9	2.91	4.03	5.40	
08	4.03	12.8	7.5	2.7	1.0	2.80	4.03	4.81	
09	3.85	12.4	7.2	2.5	0.9	2.52	3.81	4.89	
10	3.60	15.4	8.4	2.1	0.6	2.34	3.55	4.32	
11	2.87	14.4	7.2	1.5	0.4	2.01	2.69	3.65	
12	3.22	18.1	8.0	1.6	0.3	2.25	2.91	3.71	
Summary	40.67	178.7	92.5	23.6	6.7	28.48	38.85	50.09	

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1420 ft. Lat: 42.0736° N Lon: 78.4517° W
Station: OLEAN, NY US USC00306196

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	17.60	12.5	7.0	1.8	0.6	0.0	21.4	12.6	6.8	2.0	11.20	15.50	19.80
02	13.70	10.3	5.7	1.4	0.3	0.0	18.7	11.2	7.2	2.4	8.70	11.30	16.50
03	10.10	6.0	3.2	1.2	0.4	0.1	12.2	7.3	5.0	1.5	4.60	8.40	15.70
04	1.80	1.8	0.8	0.2	0.0	0.0	1.5	0.3	0.0	0.0	0.00	1.00	2.80
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	0.30	0.2	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.00
11	6.30	3.7	2.1	0.6	0.1	0.0	5.2	2.0	0.8	0.1	2.20	4.00	7.60
12	14.90	9.2	5.3	1.6	0.6	0.1	15.0	7.4	3.6	0.6	5.10	13.10	21.00
Summary	64.7	43.7	24.2	6.8	2.0	0.2	74.3	40.8	23.4	6.6	31.8	53.3	83.4

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1420 ft. Lat: 42.0736° N Lon: 78.4517° W

Station: OLEAN, NY US USC00306196

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	7.6	11.2	54.8	193.2	498.4	727.4	887.6	836.7	623.6	298.8	81.0	17.2
45	2.5	4.0	25.9	107.4	354.0	577.7	732.9	681.9	474.5	182.4	36.2	4.8
50	0.6	1.4	10.1	48.6	227.2	428.9	577.8	526.8	329.7	96.3	12.6	1.0
55	0.0	0.3	3.8	18.1	123.3	283.7	422.9	372.5	201.6	40.3	2.2	0.1
60	0.0	0.0	1.0	4.4	53.5	153.0	270.1	223.5	104.0	12.0	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	4.6	9.1	42.3	134.9	303.8	449.5	577.1	532.6	379.3	173.0	53.9	9.6

Growing Degree Units (Accumulated Monthly)												
40	8	19	74	267	765	1493	2380	3217	3840	4139	4220	4237
45	2	6	32	140	494	1072	1804	2486	2961	3143	3179	3184
50	1	2	12	61	288	717	1295	1821	2151	2247	2260	2261
55	0	0	4	22	146	429	852	1225	1426	1466	1469	1469
60	0	0	1	5	59	212	482	706	810	822	822	822
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	14	56	191	495	944	1521	2054	2433	2606	2660	2670

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

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.