

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 1590 ft. Lat: 41.4514° N Lon: 97.7644° W

Station: GENOA 2 W, NE US USC00253185

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	34.2	13.4	23.8	5.6	4.2	4.8	0.0	0.0	0.0	0.0	0.0	0.0	967.1	1029.1	1122.1	1277.1	0.0	0.0	5.0	12.4	30.4	5.4
02	38.7	16.8	27.7	7.1	5.8	6.2	0.4	0.1	0.0	0.0	0.0	0.0	763.2	819.0	902.8	1042.9	0.0	0.0	7.7	8.9	26.1	3.3
03	51.5	27.1	39.3	6.1	4.4	4.9	11.9	7.6	3.5	0.9	0.1	0.0	498.7	556.3	645.3	797.7	0.0	0.0	18.0	2.3	22.1	0.7
04	62.8	37.3	50.1	3.6	3.4	3.2	57.8	41.0	23.2	7.5	1.5	0.6	206.3	249.5	321.7	456.0	0.0	0.5	26.3	0.3	9.4	0.0
05	72.7	49.0	60.9	3.6	2.7	2.9	225.2	182.6	126.9	57.5	20.2	11.8	43.9	63.3	100.6	186.2	0.1	1.9	30.8	0.0	1.1	0.0
06	82.0	59.7	70.8	3.2	2.6	2.7	476.4	417.5	331.2	198.1	93.8	63.6	1.0	2.1	5.8	22.7	0.1	6.1	30.0	0.0	0.0	0.0
07	85.4	63.6	74.5	3.7	2.8	3.0	604.4	542.4	449.6	298.6	161.8	116.1	0.0	0.0	0.1	4.2	0.6	10.6	31.0	0.0	0.0	0.0
08	83.0	61.4	72.2	2.8	2.4	2.3	533.2	471.5	379.7	233.2	109.5	72.7	0.1	0.3	1.6	10.1	0.2	6.5	31.0	0.0	0.0	0.0
09	77.6	52.3	65.0	3.6	3.7	3.3	314.7	263.7	193.9	101.3	41.5	26.2	16.3	25.3	45.5	102.9	0.0	3.9	29.8	0.0	0.6	0.0
10	64.7	39.0	51.8	3.9	2.7	3.0	77.5	56.1	32.4	10.6	2.9	1.5	175.2	215.8	285.0	418.2	0.0	0.5	28.2	0.3	8.4	0.0
11	49.5	26.2	37.9	6.2	3.8	4.7	6.4	3.7	1.3	0.1	0.0	0.0	520.9	578.2	665.8	814.6	0.0	0.0	16.1	3.0	22.2	0.3
12	36.9	16.8	26.9	5.2	3.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	872.4	934.5	1027.4	1182.5	0.0	0.0	5.8	10.0	29.8	2.9
Summary	61.6	38.6	50.1	4.5	3.5	3.8	2308	1986	1542	908	431	292	4065	4473	5124	6315	1.0	30.0	259.7	37.2	150.1	12.6

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

Current Location: Elev: 1590 ft. Lat: 41.4514° N Lon: 97.7644° W
Station: **GENOA 2 W, NE US USC00253185**

Summary of Monthly Normals
1991-2020
Generated on 04/30/2024

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	0.67	5.7	2.0	0.2	0.0	0.38	0.55	1.07	
02	0.79	5.5	2.5	0.3	0.1	0.49	0.78	1.04	
03	1.60	7.0	3.9	0.9	0.2	0.64	1.40	2.69	
04	2.98	8.3	5.5	1.7	0.8	1.95	2.78	3.78	
05	4.37	11.2	7.2	2.7	1.1	2.83	4.15	5.84	
06	4.42	9.7	6.7	2.9	1.2	2.46	3.72	5.51	
07	2.96	8.4	5.4	2.0	0.8	1.57	2.54	3.73	
08	3.03	8.3	5.2	2.1	0.8	1.66	2.84	3.86	
09	2.52	7.0	4.3	1.7	0.6	1.58	2.34	3.61	
10	2.17	7.0	4.3	1.2	0.6	0.91	1.44	3.02	
11	1.23	5.0	2.6	0.8	0.1	0.51	0.93	1.76	
12	0.95	6.0	2.2	0.4	0.1	0.30	0.78	1.31	
Summary	27.69	89.1	51.8	16.9	6.4	15.28	24.25	37.22	

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

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 1590 ft. Lat: 41.4514° N Lon: 97.7644° W
Station: **GENOA 2 W, NE US USC00253185**

Summary of Monthly Normals
1991-2020
Generated on 04/30/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	6.40	4.7	2.1	0.7	0.3	0.0	14.0	8.0	5.1	1.4	1.90	6.30	9.20
02	6.90	4.2	2.1	0.8	0.3	0.1	12.5	8.8	6.0	1.7	2.70	6.50	10.90
03	4.70	2.7	1.3	0.6	0.2	0.0	5.0	3.0	1.8	0.6	0.70	2.30	6.90
04	1.80	1.2	0.7	0.2	0.1	0.0	1.0	0.3	0.2	0.0	0.00	0.30	2.50
05	0.10	0.1	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	1.10	0.6	0.3	0.1	0.1	0.0	0.4	0.1	0.0	0.0	0.00	0.00	0.50
11	2.90	2.2	1.0	0.3	0.1	0.0	3.1	1.3	0.6	0.1	0.20	2.00	4.30
12	5.00	4.3	2.0	0.6	0.2	0.0	10.0	5.2	3.0	0.6	1.60	3.90	6.70
Summary	28.9	20.0	9.5	3.3	1.3	0.1	46.0	26.7	16.7	4.4	7.1	21.3	41.0

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

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 1590 ft. Lat: 41.4514° N Lon: 97.7644° W
Station: **GENOA 2 W, NE US USC00253185**

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	6.6	22.6	132.4	327.7	646.6	925.3	1069.4	998.1	748.5	387.8	96.8	9.8
45	0.9	7.6	69.4	209.9	494.0	775.3	914.3	843.1	599.2	259.4	46.4	1.9
50	0.0	2.1	30.7	118.5	350.0	625.3	759.3	688.1	452.7	153.2	19.0	0.1
55	0.0	0.4	11.9	57.8	225.2	476.4	604.4	533.2	314.7	77.5	6.4	0.0
60	0.0	0.0	3.5	23.2	126.9	331.2	449.6	379.7	193.9	32.4	1.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	11.3	25.2	105.5	214.6	396.3	610.6	724.3	668.5	480.2	252.0	78.6	12.0

Growing Degree Units (Accumulated Monthly)												
40	7	29	162	489	1136	2061	3131	4129	4877	5265	5362	5372
45	1	8	78	288	782	1557	2471	3314	3914	4173	4219	4221
50	0	2	33	151	501	1127	1886	2574	3027	3180	3199	3199
55	0	0	12	70	295	772	1376	1909	2224	2302	2308	2308
60	0	0	4	27	154	485	934	1314	1508	1540	1542	1542
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	11	36	142	357	753	1364	2088	2756	3236	3488	3567	3579

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.