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

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

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

Current Location: Elev: 533 ft. Lat: 43.1167° N Lon: 77.6767° W

Station: **ROCHESTER GTR INTL AP, NY US USW00014768**

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	33.4	19.0	26.2	4.8	5.6	5.1	0.6	0.3	0.0	0.0	0.0	0.0	893.2	955.0	1047.7	1202.7	0.0	0.0	2.9	15.7	27.2	2.3
02	35.2	19.6	27.4	5.2	5.3	5.1	0.4	0.1	0.0	0.0	0.0	0.0	773.1	828.9	912.7	1052.7	0.0	0.0	3.1	12.8	25.3	1.3
03	43.6	26.8	35.2	5.1	4.2	4.5	5.4	3.5	1.9	0.5	0.0	0.0	619.1	679.3	770.7	924.2	0.0	0.0	8.4	5.8	23.2	0.2
04	56.6	37.1	46.8	3.5	2.6	2.9	35.3	25.5	14.7	4.1	0.7	0.3	279.9	330.0	409.2	548.6	0.0	0.0	21.0	0.4	9.9	0.0
05	69.4	48.2	58.8	3.7	3.2	3.4	175.6	138.9	92.9	40.2	13.5	7.6	57.9	83.2	130.2	232.4	0.0	0.4	30.1	0.0	0.6	0.0
06	77.9	57.4	67.6	2.3	1.7	1.8	381.9	324.8	243.3	128.1	50.2	31.2	2.5	5.3	13.9	48.6	0.0	1.6	30.0	0.0	0.0	0.0
07	82.5	62.2	72.3	3.5	2.3	2.8	537.8	475.8	382.9	234.1	111.2	74.2	0.0	0.0	0.2	6.3	0.0	3.5	31.0	0.0	0.0	0.0
08	80.5	61.0	70.7	2.6	2.1	2.3	488.3	426.4	334.2	190.2	80.3	50.1	0.1	0.2	1.0	12.0	0.0	1.9	31.0	0.0	0.0	0.0
09	73.6	53.6	63.6	2.5	2.4	2.4	273.2	222.8	155.0	71.6	25.7	15.8	15.3	24.9	47.0	113.6	0.0	0.9	30.0	0.0	0.1	0.0
10	61.2	43.3	52.2	2.6	2.6	2.5	70.4	50.6	28.6	8.2	1.8	0.8	155.7	197.9	268.8	403.5	0.0	0.0	26.4	0.0	2.9	0.0
11	49.1	34.0	41.5	4.6	2.9	3.7	9.9	5.4	1.8	0.1	0.0	0.0	413.4	468.9	555.3	703.6	0.0	0.0	13.0	1.4	14.7	0.0
12	38.5	25.4	32.0	4.5	3.9	4.1	0.7	0.3	0.0	0.0	0.0	0.0	715.1	776.7	869.5	1024.5	0.0	0.0	4.0	9.3	24.8	0.2
Summary	58.5	40.6	49.5	3.7	3.2	3.4	1980	1674	1255	677	283	180	3925	4350	5026	6273	0.0	8.3	230.9	45.4	128.7	4.0

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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	2.55	19.6	7.1	1.0	0.2	1.80	2.45	2.99
02	2.13	16.4	6.3	0.9	0.1	1.63	2.13	2.41
03	2.49	15.4	6.2	1.2	0.2	1.75	2.09	3.22
04	2.99	13.4	7.1	1.9	0.3	1.97	3.06	3.80
05	2.86	12.4	6.6	1.7	0.4	1.81	2.65	3.49
06	3.37	11.5	7.1	2.3	0.6	2.11	2.68	4.22
07	3.56	11.2	6.4	2.1	0.9	2.00	3.29	4.39
08	3.31	10.3	6.4	2.3	0.7	2.68	3.12	4.25
09	3.18	11.1	6.5	2.1	0.8	2.44	3.00	3.99
10	3.22	13.9	7.5	2.0	0.4	1.92	3.01	4.59
11	2.76	14.9	6.4	1.4	0.4	2.21	2.84	3.26
12	2.67	18.1	7.5	1.2	0.1	2.26	2.69	2.99
Summary	35.09	168.2	81.1	20.1	5.1	24.58	33.01	43.60

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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	27.40	17.6	8.3	2.8	0.9	0.1	20.5	13.4	8.7	2.7	17.90	23.60	33.60
02	23.10	15.0	7.0	2.2	0.8	0.2	19.2	12.4	8.2	2.0	14.90	23.40	28.60
03	17.90	10.1	4.1	1.7	0.9	0.3	12.9	7.6	5.3	2.1	5.40	14.60	28.40
04	3.00	3.0	1.0	0.2	0.0	0.0	1.3	0.2	0.1	0.0	0.40	2.40	5.20
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	0.10	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	8.10	5.7	2.4	0.7	0.3	0.1	4.1	1.7	0.9	0.1	1.20	6.30	13.70
12	22.30	13.5	6.4	2.3	1.0	0.1	14.3	6.9	3.9	0.4	14.10	22.40	29.30
Summary	102.0	65.2	29.2	9.9	3.9	0.8	72.3	42.2	27.1	7.3	53.9	92.7	138.8

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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	17.0	15.5	69.0	240.5	583.1	829.4	1002.8	953.2	707.9	383.8	132.3	29.1
45	6.0	5.2	34.0	141.4	430.7	679.4	847.8	798.2	558.3	248.4	67.3	10.6
50	2.1	1.6	14.9	74.5	290.4	529.6	692.7	643.1	411.3	142.5	28.9	2.9
55	0.6	0.4	5.4	35.3	175.6	381.9	537.8	488.3	273.2	70.4	9.9	0.7
60	0.0	0.0	1.9	14.7	92.9	243.3	382.9	334.2	155.0	28.6	1.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	7.7	9.8	41.1	136.0	339.0	529.7	675.7	634.5	428.7	198.2	62.6	12.2

Growing Degree Units (Accumulated Monthly)

40	17	32	102	342	925	1754	2757	3710	4418	4802	4934	4964
45	6	11	45	187	617	1297	2144	2943	3501	3749	3817	3827
50	2	4	19	93	384	913	1606	2249	2660	2803	2832	2835
55	1	1	6	42	217	599	1137	1625	1898	1969	1979	1980
60	0	0	2	17	110	353	736	1070	1225	1254	1255	1255
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	18	59	195	534	1063	1739	2374	2802	3000	3063	3075

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

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