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: 15 ft. Lat: 41.5000° N Lon: 71.3500° W

Station: **NEWPORT ROSE, RI US USC00375215**

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	38.6	23.9	31.3	3.7	4.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	736.1	798.0	891.0	1046.2	0.0	0.0	3.5	6.7	24.8	0.2
02	40.0	25.1	32.6	4.2	4.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	628.5	684.5	768.5	908.6	0.0	0.0	3.4	5.2	21.1	0.1
03	45.9	31.7	38.8	2.4	2.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	502.2	564.2	657.2	812.2	0.0	0.0	9.7	1.2	16.7	0.0
04	55.2	39.7	47.5	2.3	2.0	1.9	5.2	2.4	0.9	0.1	0.0	0.0	231.7	288.9	377.4	526.6	0.0	0.0	24.1	0.1	2.9	0.0
05	64.8	48.6	56.7	3.9	1.6	2.5	90.7	58.0	26.5	5.8	0.3	0.0	38.1	67.4	128.8	263.1	0.0	0.0	31.0	0.0	0.2	0.0
06	71.6	57.7	64.7	1.6	1.4	1.3	290.8	233.3	152.9	53.6	10.0	3.7	1.3	3.9	13.5	64.1	0.0	0.2	30.0	0.0	0.0	0.0
07	77.4	64.3	70.8	1.6	1.5	1.4	491.3	429.2	336.2	183.8	60.6	32.6	0.0	0.0	0.0	2.5	0.0	0.8	31.0	0.0	0.0	0.0
08	78.0	64.1	71.1	1.8	0.9	1.3	497.5	435.4	342.5	189.6	60.5	28.2	0.0	0.0	0.0	2.1	0.0	0.4	31.0	0.0	0.0	0.0
09	72.9	59.2	66.1	1.8	2.1	1.7	334.2	276.9	194.1	79.7	14.9	5.2	2.8	5.5	12.7	48.3	0.0	0.0	30.0	0.0	0.0	0.0
10	62.7	49.1	55.9	1.8	2.2	1.9	94.8	63.3	29.4	5.5	0.5	0.0	66.9	97.3	156.5	287.6	0.0	0.0	30.1	0.0	0.0	0.0
11	53.0	39.5	46.2	2.8	2.0	2.3	8.3	3.5	0.3	0.0	0.0	0.0	270.8	326.0	412.8	562.5	0.0	0.0	20.1	0.3	5.1	0.0
12	44.2	31.3	37.7	3.6	3.7	3.5	0.4	0.2	0.0	0.0	0.0	0.0	535.1	596.8	689.7	844.7	0.0	0.0	8.7	2.8	18.2	0.2
Summary	58.7	44.5	51.6	2.6	2.4	2.4	1813	1502	1083	518	147	70	3014	3432	4108	5368	0.0	1.4	252.6	16.3	89.0	0.5

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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	4.03	11.5	6.9	3.2	1.4	3.13	3.72	5.15
02	3.57	9.2	5.7	2.6	0.7	2.48	3.49	4.30
03	4.61	11.5	8.3	4.2	1.8	2.77	4.34	5.95
04	4.73	11.5	6.9	2.6	1.2	3.27	4.82	5.58
05	3.91	11.9	7.6	2.4	0.5	3.00	3.76	4.56
06	3.17	10.3	5.8	1.8	0.8	1.58	2.58	4.36
07	3.21	9.3	5.3	1.7	0.8	2.27	3.23	3.73
08	3.29	10.6	6.4	2.0	1.1	1.78	3.11	4.40
09	3.82	10.8	6.3	2.5	1.3	2.28	3.31	5.00
10	4.72	8.8	5.8	2.5	1.3	2.53	4.85	6.16
11	3.94	9.7	6.3	2.7	1.2	2.72	3.91	4.83
12	4.45	10.7	7.6	3.3	0.9	3.10	4.13	5.82
Summary	47.45	125.8	78.9	31.5	13.0	30.91	45.25	59.84

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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	5.50	3.0	2.1	0.5	0.2	0.0					1.80	4.60	6.40
02	9.10	3.4	2.6	1.2	0.6	0.1					2.70	5.80	15.60
03	4.80	1.7	1.5	0.6	0.4	0.1					0.00	2.60	7.60
04	1.30	0.5	0.5	0.2	0.1	0.0					0.00	0.00	0.00
05	0.00	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.10	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
12	5.20	1.6	1.1	0.7	0.5	0.0					0.20	5.00	8.10
Summary	26.0	10.4	7.9	3.2	1.8	0.2	0.0	0.0	0.0	0.0	4.7	18.0	37.7

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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	17.3	14.8	57.2	233.4	517.7	739.4	956.1	962.4	781.2	493.4	210.1	64.1
45	3.4	1.1	11.5	110.1	363.2	589.4	801.1	807.4	631.3	342.2	107.1	21.0
50	0.3	0.1	1.5	32.0	212.8	439.4	646.2	652.4	481.5	202.8	39.9	4.3
55	0.0	0.0	0.0	5.2	90.7	290.8	491.3	497.5	334.2	94.8	8.3	0.4
60	0.0	0.0	0.0	0.9	26.5	152.9	336.2	342.5	194.1	29.4	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.9	3.3	17.5	93.4	250.7	441.7	643.5	650.3	486.9	237.6	76.1	16.6

Growing Degree Units (Accumulated Monthly)

40	17	32	89	323	840	1580	2536	3498	4280	4773	4983	5047
45	3	4	16	126	489	1079	1880	2687	3318	3661	3768	3789
50	0	0	2	34	247	686	1332	1985	2466	2669	2709	2713
55	0	0	0	5	96	387	878	1376	1710	1804	1813	1813
60	0	0	0	1	27	180	516	859	1053	1082	1083	1083
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	7	25	118	369	810	1454	2104	2591	2829	2905	2922

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

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