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: 81 ft. Lat: 41.3497° N Lon: 71.7989° W

Station: **WESTERLY STATE AP, RI US USW00014794**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	39.5	24.5	32.0	4.1	4.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	712.9	774.8	867.8	1022.9	0.0	0.0	3.7	8.3	25.2	0.7
02	41.2	25.7	33.4	3.9	4.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	603.4	659.4	743.4	883.4	0.0	0.0	4.2	5.5	23.3	0.6
03	47.2	32.0	39.6	3.1	3.1	3.0	1.5	0.7	0.1	0.0	0.0	0.0	478.9	540.0	632.4	787.4	0.0	0.0	11.2	1.7	19.0	0.0
04	57.1	40.7	48.9	2.3	1.8	1.9	22.3	13.2	5.8	1.3	0.2	0.1	205.3	256.2	338.8	484.2	0.0	0.0	23.9	0.0	5.9	0.0
05	66.6	50.0	58.3	2.2	2.1	2.0	136.5	97.8	53.6	13.6	1.9	0.8	34.2	57.5	106.3	221.3	0.0	0.0	30.8	0.0	0.4	0.0
06	75.0	59.4	67.2	1.6	1.4	1.3	367.1	308.9	225.1	108.0	33.9	17.8	1.1	2.9	9.1	41.9	0.0	0.1	30.0	0.0	0.0	0.0
07	81.6	65.9	73.8	2.3	2.4	2.2	581.1	519.1	426.1	272.5	134.3	90.6	0.0	0.0	0.0	1.3	0.0	1.7	31.0	0.0	0.0	0.0
08	80.5	64.3	72.4	1.9	2.3	2.0	539.3	477.3	384.4	233.1	105.3	68.8	0.0	0.0	0.1	3.8	0.0	0.8	31.0	0.0	0.0	0.0
09	74.4	57.1	65.7	1.6	2.5	1.9	325.6	269.4	191.8	87.7	27.8	14.7	3.2	6.9	19.4	65.2	0.0	0.1	30.0	0.0	0.0	0.0
10	63.9	46.5	55.2	1.9	2.8	2.2	97.6	68.6	37.1	10.9	1.3	0.2	91.4	124.3	185.8	314.7	0.0	0.0	29.9	0.0	2.5	0.0
11	54.0	37.8	45.9	2.9	2.4	2.6	14.0	7.6	2.3	0.2	0.0	0.0	287.0	340.6	425.3	573.2	0.0	0.0	21.0	0.2	11.4	0.0
12	44.9	30.3	37.6	3.9	3.5	3.6	1.6	0.5	0.1	0.0	0.0	0.0	541.0	601.8	694.4	849.4	0.0	0.0	8.9	3.7	21.5	0.0
Summary	60.5	44.5	52.5	2.6	2.8	2.6	2087	1763	1326	727	305	193	2958	3364	4023	5249	0.0	2.7	255.6	19.4	109.2	1.3

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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	3.34	10.6	5.7	2.1	0.7	2.39	3.04	4.14
02	2.75	9.1	5.4	1.7	0.5	1.90	2.52	3.23
03	4.17	9.6	6.2	2.5	1.2	2.51	3.82	4.99
04	3.90	11.3	6.7	2.6	1.1	2.14	3.68	5.26
05	3.32	11.8	7.0	1.9	0.7	2.35	3.13	4.13
06	3.55	11.0	7.0	2.7	1.0	1.63	2.98	4.35
07	2.91	9.3	5.3	2.0	0.9	1.55	2.71	3.37
08	3.49	9.4	5.3	1.9	0.8	2.17	2.88	5.11
09	3.81	9.5	5.3	2.3	1.2	2.37	3.65	4.78
10	4.29	10.9	6.2	2.9	1.2	2.22	3.92	5.89
11	3.50	9.5	6.1	2.4	1.0	2.28	3.34	4.22
12	3.77	11.2	6.9	2.6	1.1	2.87	3.69	4.79
Summary	42.80	123.2	73.1	27.6	11.4	26.38	39.36	54.26

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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	28.5	26.9	87.3	273.7	567.3	816.0	1046.0	1004.3	772.4	471.8	208.0	76.4
45	7.0	6.7	31.5	150.3	412.4	666.0	891.1	849.3	622.5	324.6	108.6	31.6
50	0.9	0.8	8.0	65.6	263.0	516.0	736.1	694.3	472.8	196.1	44.7	9.5
55	0.0	0.0	1.5	22.3	136.5	367.1	581.1	539.3	325.6	97.6	14.0	1.6
60	0.0	0.0	0.1	5.8	53.6	225.1	426.1	384.4	191.8	37.1	2.3	0.1
Growing Degree Units for Corn (Monthly)												
50/86	8.1	8.6	31.9	121.6	297.2	516.8	726.6	689.8	484.1	252.7	92.9	27.5

Growing Degree Units (Accumulated Monthly)

40	28	55	143	416	984	1800	2846	3850	4622	5094	5302	5379
45	7	14	45	196	608	1274	2165	3014	3637	3961	4070	4102
50	1	2	10	75	338	854	1590	2285	2758	2954	2998	3008
55	0	0	2	24	160	527	1108	1648	1973	2071	2085	2087
60	0	0	0	6	60	285	711	1095	1287	1324	1326	1326
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	17	49	170	467	984	1711	2401	2885	3137	3230	3258

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

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