

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 172 ft. Lat: 41.5333° N Lon: 71.2833° W

Station: NEWPORT STATE AP, RI US USW00014787

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	38.1	24.1	31.1	4.1	4.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	740.8	802.8	895.7	1050.7	0.0	0.0	4.3	8.7	24.4	0.3
02	39.7	25.1	32.4	3.9	4.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0	632.8	688.8	772.8	912.8	0.0	0.0	3.9	5.2	22.5	0.2
03	45.7	30.8	38.3	3.1	3.1	2.9	1.2	0.5	0.1	0.0	0.0	0.0	520.4	581.7	674.2	829.2	0.0	0.0	10.2	1.8	18.2	0.0
04	55.5	39.3	47.4	2.1	1.8	1.9	12.6	7.3	3.1	0.7	0.1	0.0	240.5	295.3	381.1	528.7	0.0	0.0	23.7	0.0	3.9	0.0
05	65.0	48.5	56.8	2.5	1.9	2.0	103.1	70.6	35.0	7.5	1.3	0.5	48.8	78.4	135.8	263.3	0.0	0.1	30.6	0.0	0.0	0.0
06	73.9	57.8	65.8	2.0	1.6	1.6	327.6	270.1	189.4	81.7	20.7	9.8	2.1	4.6	13.9	56.3	0.0	0.2	30.0	0.0	0.0	0.0
07	79.6	64.1	71.8	2.4	2.3	2.2	522.3	460.3	367.3	215.2	88.6	53.4	0.0	0.0	0.0	2.9	0.0	1.1	31.0	0.0	0.0	0.0
08	78.8	63.6	71.2	2.0	1.9	1.8	502.1	440.2	347.3	197.1	77.4	45.6	0.0	0.0	0.2	4.9	0.0	0.4	31.0	0.0	0.0	0.0
09	72.3	57.1	64.7	1.9	1.9	1.8	294.9	239.7	164.2	65.4	15.3	7.2	3.9	8.7	23.3	74.5	0.0	0.1	30.0	0.0	0.0	0.0
10	62.3	46.8	54.5	2.2	2.5	2.2	79.8	53.6	26.8	6.0	0.2	0.0	93.7	129.5	195.7	330.0	0.0	0.0	29.4	0.0	0.6	0.0
11	52.5	37.9	45.2	2.9	2.6	2.6	10.9	5.1	1.2	0.0	0.0	0.0	304.9	359.1	445.2	594.0	0.0	0.0	19.0	0.3	8.5	0.0
12	43.8	29.9	36.8	3.7	3.4	3.5	1.0	0.4	0.0	0.0	0.0	0.0	563.7	625.0	717.6	872.6	0.0	0.0	8.7	3.8	20.2	0.0
Summary	58.9	43.8	51.3	2.7	2.6	2.6	1856	1548	1134	574	204	117	3152	3574	4256	5520	0.0	1.9	251.8	19.8	98.3	0.5

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

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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	3.21	10.0	5.7	2.1	0.7	2.02	3.12	3.90	
02	2.81	9.2	5.8	1.7	0.6	1.99	2.43	3.49	
03	4.57	10.2	6.1	2.4	1.3	2.83	4.36	5.73	
04	3.81	11.3	6.8	2.8	1.3	2.32	3.67	5.22	
05	3.03	12.6	6.8	2.3	0.6	2.25	2.65	3.59	
06	3.41	11.8	6.3	2.7	0.8	1.71	2.93	4.42	
07	2.93	10.3	5.1	1.9	0.9	1.74	2.59	3.95	
08	3.41	10.1	5.4	1.8	0.7	2.10	3.33	4.02	
09	3.44	10.2	5.6	2.1	1.1	2.03	3.39	4.28	
10	4.06	11.7	6.7	3.1	1.1	2.97	4.21	5.34	
11	3.76	9.3	5.9	2.7	1.1	2.80	3.21	4.58	
12	3.74	11.1	6.5	2.4	1.1	2.77	3.65	4.82	
Summary	42.18	127.8	72.7	28.0	11.3	27.53	39.54	53.34	

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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	21.1	19.2	66.5	232.4	519.3	775.4	987.3	967.1	741.0	451.6	190.9	64.3
45	4.9	4.2	21.9	116.1	364.6	625.4	832.3	812.1	591.0	303.9	97.4	24.3
50	0.4	0.4	5.6	44.0	218.0	475.6	677.3	657.1	441.4	175.2	38.7	6.7
55	0.0	0.0	1.2	12.6	103.1	327.6	522.3	502.1	294.9	79.8	10.9	1.0
60	0.0	0.0	0.1	3.1	35.0	189.4	367.3	347.3	164.2	26.8	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.0	6.1	24.4	99.1	257.9	477.6	672.2	654.7	449.3	221.5	75.9	21.7
Growing Degree Units (Accumulated Monthly)												
40	21	40	107	339	858	1634	2621	3588	4329	4781	4972	5036
45	5	9	31	147	512	1137	1969	2782	3372	3676	3774	3798
50	0	1	6	50	268	744	1421	2078	2520	2695	2734	2740
55	0	0	1	14	117	444	967	1469	1764	1844	1855	1856
60	0	0	0	3	38	228	595	942	1106	1133	1134	1134
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	12	36	136	394	871	1543	2198	2647	2869	2945	2966

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