

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 228 ft. Lat: 35.6042° N Lon: 91.2744° W
Station: NEWPORT, AR US USC00035186

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	45.7	29.6	37.7	3.4	3.6	3.3	5.7	3.5	1.4	0.1	0.0	0.0	543.2	603.1	694.0	847.8	0.0	0.0	12.8	3.9	19.6	0.0
02	50.7	33.2	41.9	4.6	4.1	4.2	11.1	6.7	2.5	0.4	0.0	0.0	376.3	427.9	507.8	645.7	0.0	0.0	15.9	1.6	13.2	0.0
03	59.8	41.4	50.6	4.8	3.9	4.3	62.9	44.8	24.7	6.9	0.8	0.3	199.3	243.2	316.1	453.3	0.0	0.0	25.4	0.3	4.9	0.0
04	70.0	50.8	60.4	3.1	3.1	3.0	203.9	161.5	106.7	43.2	10.4	4.7	41.9	59.5	94.8	181.2	0.0	0.1	29.4	0.0	0.3	0.0
05	78.2	60.4	69.3	2.7	2.7	2.5	445.7	385.8	299.6	172.8	76.2	48.4	2.4	4.5	11.3	39.5	0.0	1.4	30.9	0.0	0.0	0.0
06	86.4	68.8	77.6	2.4	2.1	2.1	677.8	617.8	528.0	378.9	234.5	180.5	0.0	0.0	0.1	1.0	0.1	11.4	30.0	0.0	0.0	0.0
07	89.4	72.0	80.7	2.4	2.0	2.1	796.6	734.6	641.6	486.6	332.2	271.7	0.0	0.0	0.0	0.0	0.6	19.3	31.0	0.0	0.0	0.0
08	88.9	70.0	79.4	3.4	2.3	2.7	757.7	695.7	602.8	448.0	295.3	237.0	0.0	0.0	0.0	0.2	1.6	16.9	31.0	0.0	0.0	0.0
09	82.6	62.2	72.4	2.8	2.7	2.5	522.4	463.2	375.6	239.3	124.1	88.2	0.5	1.3	3.7	17.3	0.2	6.9	30.0	0.0	0.0	0.0
10	72.0	50.2	61.1	2.8	2.1	2.2	226.6	182.4	125.0	54.4	15.5	8.2	37.5	55.3	90.9	175.3	0.0	0.4	30.8	0.0	0.2	0.0
11	58.8	40.4	49.6	4.5	3.7	3.9	50.2	35.1	18.9	5.3	0.6	0.2	212.2	257.1	330.8	467.2	0.0	0.0	24.7	0.1	5.9	0.0
12	48.7	32.9	40.8	3.6	3.6	3.5	8.4	4.9	1.5	0.1	0.0	0.0	448.5	507.0	596.5	750.2	0.0	0.0	15.8	1.5	16.1	0.0
Summary	69.3	51.0	60.1	3.4	3.0	3.0	3769	3336	2728	1836	1090	839	1862	2159	2646	3579	2.5	56.4	307.7	7.4	60.2	0.0

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	3.67	9.5	6.4	2.6	0.8	2.48	3.27	4.74
02	3.96	8.9	6.4	2.5	1.2	2.15	3.21	4.89
03	5.01	10.4	7.6	3.3	1.4	3.58	4.52	6.00
04	5.39	10.0	6.6	3.5	2.0	3.93	4.96	6.92
05	5.59	10.2	7.6	3.4	1.9	3.24	4.94	7.44
06	3.37	7.7	5.0	2.2	0.9	1.77	2.81	4.20
07	4.18	8.2	5.9	2.6	1.1	2.10	3.94	5.44
08	2.97	7.3	4.8	2.1	1.0	1.20	3.31	4.42
09	3.23	6.6	4.5	2.1	1.0	1.70	2.36	4.62
10	3.96	8.2	6.0	2.8	1.1	2.26	3.51	5.06
11	4.93	9.0	6.6	3.1	1.7	2.42	4.14	6.71
12	4.93	9.7	6.7	3.3	1.5	3.34	4.19	6.75
Summary	51.19	105.7	74.1	33.5	15.6	30.17	45.16	67.19

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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	0.80	0.5	0.3	0.1	0.1	0.0	0.5	0.2	0.0	0.0	0.00	0.00	0.00
02	0.90	0.6	0.5	0.3	0.1	0.0	0.6	0.3	0.1	0.0	0.00	0.00	0.00
03	0.70	0.2	0.2	0.1	0.0	0.0	0.4	0.2	0.0	0.0	0.00	0.00	0.00
04	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
05	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	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
12	0.20	0.2	0.1	0.1	0.0	0.0	0.4	0.2	0.1	0.0	0.00	0.00	0.00
Summary	2.6	1.5	1.1	0.6	0.2	0.0	1.9	0.9	0.2	0.0	0.0	0.0	0.0

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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	87.5	143.4	350.9	612.6	908.3	1127.7	1261.6	1222.7	971.8	654.8	308.8	123.2
45	38.5	74.9	227.9	465.9	753.4	977.8	1106.6	1067.7	821.9	502.1	193.6	58.6
50	15.4	32.0	129.2	327.0	598.8	827.9	951.6	912.8	672.0	356.2	106.3	24.7
55	5.7	11.1	62.9	203.9	445.7	677.8	796.6	757.7	522.4	226.6	50.2	8.4
60	1.4	2.5	24.7	106.7	299.6	528.0	641.6	602.8	375.6	125.0	18.9	1.5
Growing Degree Units for Corn (Monthly)												
50/86	47.4	78.0	188.1	358.6	597.4	793.4	885.3	846.9	653.2	396.3	163.7	60.4
Growing Degree Units (Accumulated Monthly)												
40	88	231	582	1194	2103	3230	4492	5715	6686	7341	7650	7773
45	38	113	341	807	1561	2538	3645	4713	5535	6037	6230	6289
50	15	47	177	504	1102	1930	2882	3795	4467	4823	4929	4954
55	6	17	80	284	729	1407	2204	2961	3484	3710	3761	3769
60	1	4	29	135	435	963	1604	2207	2583	2708	2727	2728
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	47	125	314	672	1270	2063	2948	3795	4448	4845	5008	5069

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