

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 1130 ft. Lat: 40.2381° N Lon: 96.0847° W

Station: **TABLE ROCK 4N, NE US USC00258410**

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	35.4	14.4	24.9	5.0	4.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	932.8	994.8	1087.8	1242.8	0.0	0.0	5.6	12.3	30.2	4.5
02	40.7	18.1	29.4	6.8	6.0	6.2	1.6	0.7	0.1	0.0	0.0	0.0	718.3	773.4	856.8	996.7	0.0	0.0	7.2	10.0	26.4	3.5
03	53.0	28.1	40.6	5.5	4.6	4.7	21.3	14.8	7.7	2.0	0.1	0.0	469.4	524.9	610.7	760.1	0.0	0.1	18.2	1.9	20.3	0.5
04	63.8	38.3	51.1	4.3	3.4	3.6	70.6	50.4	28.4	7.8	1.0	0.3	189.0	228.8	296.8	426.2	0.0	0.2	26.2	0.2	8.0	0.0
05	74.0	50.0	62.0	3.9	3.1	3.2	251.2	205.2	144.8	69.2	23.4	13.6	34.2	50.2	82.8	162.2	0.0	1.3	30.7	0.0	0.7	0.0
06	83.7	60.7	72.2	2.8	2.3	2.4	516.0	456.7	368.6	229.3	113.1	78.3	0.3	0.8	2.7	13.4	0.1	7.5	30.0	0.0	0.0	0.0
07	88.4	65.0	76.7	3.4	2.5	2.7	672.4	610.5	517.5	364.6	220.4	168.2	0.0	0.0	0.0	2.1	2.2	13.6	31.0	0.0	0.0	0.0
08	86.6	62.5	74.5	2.6	3.0	2.5	605.8	544.0	451.6	301.0	166.9	121.5	0.0	0.1	0.7	5.1	1.1	9.5	31.0	0.0	0.0	0.0
09	79.5	53.1	66.3	3.6	3.6	3.3	350.3	298.9	227.2	126.3	57.4	39.0	11.4	20.1	38.3	87.4	0.1	4.7	29.9	0.0	0.3	0.0
10	67.1	40.5	53.8	3.8	2.6	2.8	105.3	79.5	48.0	17.5	5.3	3.1	142.4	178.7	240.1	364.7	0.0	0.4	28.1	0.1	7.0	0.0
11	51.9	28.6	40.3	6.2	4.4	5.1	10.6	6.3	2.7	0.5	0.1	0.0	453.0	508.8	595.2	743.0	0.0	0.0	19.1	1.8	19.3	0.0
12	39.4	18.8	29.1	5.1	4.9	4.8	0.1	0.0	0.0	0.0	0.0	0.0	802.7	864.7	957.7	1112.7	0.0	0.0	7.7	9.7	29.3	1.8
Summary	63.6	39.8	51.7	4.4	3.7	3.8	2605	2267	1797	1118	588	424	3754	4145	4770	5916	3.5	37.3	264.7	36.0	141.5	10.3

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	0.78	4.6	2.5	0.3	0.0	0.37	0.80	1.08	
02	1.14	5.0	3.0	0.6	0.2	0.57	0.90	1.42	
03	2.18	7.1	4.3	1.4	0.3	1.06	1.99	2.83	
04	3.24	9.6	6.2	2.1	0.7	2.22	3.09	3.88	
05	5.01	10.6	7.3	3.4	1.4	2.58	4.90	6.07	
06	4.68	9.5	7.1	3.3	1.5	3.76	4.36	5.31	
07	4.56	9.1	6.3	2.9	1.3	1.81	3.20	5.09	
08	3.80	8.2	5.9	2.3	1.1	1.99	3.19	5.43	
09	3.13	7.0	4.8	1.9	1.0	1.78	2.40	3.89	
10	2.60	7.3	4.5	1.7	0.6	0.99	2.18	3.06	
11	1.69	5.3	3.2	1.0	0.5	0.59	1.26	2.62	
12	1.28	4.6	2.8	0.8	0.2	0.54	0.99	1.66	
Summary	34.09	87.9	57.9	21.7	8.8	18.26	29.26	42.34	

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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	5.60	2.8	2.1	0.9	0.3	0.0	10.9	6.1	2.9	1.0	3.00	4.20	9.20
02	5.50	2.9	1.8	0.9	0.3	0.0	8.2	4.9	2.4	0.7	0.80	5.10	8.20
03	2.60	1.5	1.0	0.2	0.1	0.0	2.8	1.6	0.8	0.3	0.10	2.10	3.20
04	0.90	0.4	0.3	0.2	0.0	0.0	0.5	0.3	0.2	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	0.40	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
11	1.70	1.0	0.8	0.2	0.0	0.0	1.6	0.4	0.2	0.0	0.00	0.10	2.20
12	4.70	2.3	1.8	0.4	0.2	0.0	7.0	3.4	2.1	0.7	0.80	2.60	4.40
Summary	21.4	11.0	7.9	2.9	0.9	0.0	31.1	16.8	8.6	2.7	4.7	14.1	27.2

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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	10.1	35.3	150.9	356.4	682.1	965.8	1137.4	1070.8	788.9	439.0	130.4	22.4
45	1.8	14.4	85.3	238.7	528.9	815.7	982.4	915.8	638.9	305.1	66.1	5.3
50	0.1	5.2	45.6	141.9	382.7	665.8	827.4	760.8	490.9	190.2	28.3	0.9
55	0.0	1.6	21.3	70.6	251.2	516.0	672.4	605.8	350.3	105.3	10.6	0.1
60	0.0	0.1	7.7	28.4	144.8	368.6	517.5	451.6	227.2	48.0	2.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	14.8	34.9	120.0	228.3	421.8	643.1	764.7	716.1	508.0	286.6	94.1	22.4

Growing Degree Units (Accumulated Monthly)												
40	10	45	196	553	1235	2201	3338	4409	5198	5637	5767	5789
45	2	16	102	340	869	1685	2667	3583	4222	4527	4593	4598
50	0	5	51	193	576	1241	2069	2830	3320	3511	3539	3540
55	0	2	23	94	345	861	1533	2139	2489	2594	2605	2605
60	0	0	8	36	181	550	1067	1519	1746	1794	1797	1797
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	15	50	170	398	820	1463	2228	2944	3452	3738	3832	3855

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

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