

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 500 ft. Lat: 31.6189° N Lon: 97.2283° W
Station: **WACO RGNL AP, TX US USW00013959**

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	59.1	35.8	47.4	4.2	2.8	3.0	35.5	24.2	12.8	3.2	0.3	0.0	269.4	320.1	401.7	547.1	0.0	0.0	24.2	0.5	11.5	0.0
02	63.1	40.1	51.6	4.6	3.6	3.8	69.1	50.8	30.0	9.7	1.7	0.6	164.3	201.9	265.2	384.8	0.0	0.1	24.3	0.3	6.3	0.0
03	70.2	47.4	58.8	3.4	3.5	3.2	183.3	143.7	94.5	37.6	9.4	4.1	65.5	88.0	131.7	229.8	0.0	0.1	29.8	0.0	2.5	0.0
04	77.9	54.6	66.2	3.1	3.2	2.8	346.6	292.3	217.5	113.9	43.8	26.5	9.1	14.8	30.0	76.4	0.0	1.4	29.9	0.0	0.2	0.0
05	85.3	63.3	74.3	2.7	2.2	2.2	598.4	536.7	444.9	296.8	165.8	122.1	0.1	0.4	1.6	8.5	0.1	8.5	31.0	0.0	0.0	0.0
06	92.7	71.1	81.9	3.1	2.1	2.4	806.9	746.9	656.9	506.9	357.4	298.2	0.0	0.0	0.0	0.1	2.6	23.1	30.0	0.0	0.0	0.0
07	96.7	74.4	85.6	2.8	1.8	2.1	947.0	885.0	792.0	637.0	482.0	420.0	0.0	0.0	0.0	0.0	8.6	29.1	31.0	0.0	0.0	0.0
08	97.1	73.9	85.5	3.0	2.2	2.5	945.3	883.3	790.3	635.3	480.4	418.4	0.0	0.0	0.0	0.0	11.4	28.5	31.0	0.0	0.0	0.0
09	90.8	66.7	78.7	3.2	2.8	2.5	712.4	652.5	563.0	415.5	275.2	222.6	0.0	0.1	0.5	3.0	1.6	18.9	30.0	0.0	0.0	0.0
10	80.7	56.2	68.4	2.9	2.9	2.2	425.6	368.4	287.8	170.6	82.5	57.0	8.7	13.4	25.8	63.6	0.0	5.0	30.8	0.0	0.2	0.0
11	68.8	45.6	57.2	4.1	3.3	3.3	156.5	123.6	82.2	34.1	10.2	5.5	90.4	117.5	166.1	268.0	0.0	0.1	28.6	0.0	3.6	0.0
12	60.4	37.9	49.2	3.2	3.0	2.5	52.1	37.5	21.5	7.1	1.2	0.3	233.2	280.7	357.8	498.3	0.0	0.0	26.1	0.1	9.8	0.0
Summary	78.6	55.6	67.1	3.4	2.8	2.7	5279	4745	3993	2868	1910	1575	841	1037	1380	2080	24.3	114.8	346.7	0.9	34.1	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	2.59	7.2	4.2	1.6	0.6	1.06	2.48	3.79
02	2.68	6.9	3.9	1.8	0.9	1.37	2.14	3.44
03	3.31	8.1	4.8	2.3	1.1	1.66	3.00	4.42
04	3.30	7.1	4.4	2.3	1.0	1.68	2.71	4.53
05	4.44	8.3	5.5	3.0	1.5	2.78	3.53	5.89
06	3.35	6.5	4.4	2.0	1.1	1.55	2.44	4.70
07	1.82	4.7	2.7	1.0	0.6	0.26	1.58	3.06
08	2.05	4.9	3.0	1.3	0.6	0.43	0.84	2.55
09	2.87	5.8	3.9	1.6	0.9	0.64	2.22	4.39
10	4.41	6.7	4.5	2.8	1.4	1.23	3.89	6.05
11	2.71	6.9	4.3	1.9	0.8	1.26	1.95	3.86
12	2.87	7.1	3.9	1.6	0.9	0.86	2.15	4.07
Summary	36.40	80.2	49.5	23.2	11.4	14.78	28.93	50.75

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.40	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
03	0.10	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
04	0.10	0.1	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	0.10	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	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.7	0.6	0.1	0.0	0.0	0.0	0.3	0.0	0.0	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	264.9	340.0	586.0	787.6	1063.3	1256.9	1412.0	1410.3	1162.4	882.1	519.8	304.6
45	155.7	223.6	438.0	638.0	908.3	1106.8	1257.0	1255.2	1012.4	727.9	381.6	186.4
50	80.3	131.9	300.8	489.9	753.3	956.8	1101.9	1100.2	862.4	574.7	257.9	103.4
55	35.5	69.1	183.3	346.6	598.4	806.9	947.0	945.3	712.4	425.6	156.5	52.1
60	12.8	30.0	94.5	217.5	444.9	656.9	792.0	790.3	563.0	287.8	82.2	21.5
Growing Degree Units for Corn (Monthly)												
50/86	172.4	211.4	361.3	512.3	722.3	852.0	934.9	925.6	774.0	577.5	324.2	188.4

Growing Degree Units (Accumulated Monthly)												
40	265	605	1191	1978	3042	4299	5711	7121	8283	9166	9685	9990
45	156	379	817	1455	2364	3470	4727	5983	6995	7723	8104	8291
50	80	212	513	1003	1756	2713	3815	4915	5778	6352	6610	6713
55	36	105	288	634	1233	2040	2987	3932	4644	5070	5227	5279
60	13	43	137	355	800	1457	2249	3039	3602	3890	3972	3993
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	172	384	745	1257	1980	2832	3767	4692	5466	6044	6368	6556

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