

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3587 ft. Lat: 35.2333° N Lon: 101.7089° W
Station: **AMARILLO, TX US USW00023047**

Generated on 06/04/2024

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	52.2	24.9	38.6	4.0	2.5	2.7	2.0	0.7	0.0	0.0	0.0	0.0	511.9	572.6	664.9	819.9	0.0	0.0	18.6	2.9	26.7	0.1
02	56.1	27.5	41.8	5.1	3.2	3.7	9.4	5.2	2.0	0.5	0.0	0.0	378.9	430.7	511.5	650.0	0.0	0.0	18.9	1.8	21.2	0.3
03	64.8	34.8	49.8	3.7	3.2	3.1	54.0	37.5	19.9	4.7	0.3	0.1	215.2	260.7	336.1	476.0	0.0	0.1	26.7	0.5	12.6	0.0
04	72.4	42.5	57.5	3.5	2.9	2.9	150.7	115.6	71.7	24.3	5.2	2.5	77.1	102.0	148.2	250.7	0.0	0.9	28.5	0.1	3.8	0.0
05	80.9	52.6	66.8	4.5	2.2	3.1	373.8	318.4	241.4	132.0	57.8	38.1	9.6	16.2	32.1	77.7	0.4	6.4	30.8	0.0	0.2	0.0
06	89.7	62.4	76.1	4.2	2.1	3.0	631.5	571.6	481.9	334.8	198.6	151.3	0.1	0.2	0.6	3.4	2.6	15.1	30.0	0.0	0.0	0.0
07	92.9	66.4	79.6	3.3	1.9	2.4	764.1	702.1	609.1	454.3	302.1	243.3	0.0	0.0	0.0	0.2	3.3	22.3	31.0	0.0	0.0	0.0
08	91.0	65.3	78.1	3.8	1.8	2.7	717.6	655.6	562.6	408.2	258.5	202.0	0.0	0.0	0.1	0.7	2.3	18.8	31.0	0.0	0.0	0.0
09	84.0	57.8	70.9	3.8	2.6	2.9	480.4	422.4	338.3	208.3	103.4	71.0	3.4	5.5	11.4	31.4	0.4	7.6	30.0	0.0	0.0	0.0
10	73.0	45.4	59.2	3.5	2.8	2.7	193.4	152.6	100.4	39.4	9.8	4.2	63.2	84.4	125.2	219.2	0.0	1.2	29.7	0.2	2.5	0.0
11	61.3	33.5	47.4	4.9	3.3	3.8	35.8	23.8	11.8	2.3	0.3	0.1	263.8	311.8	389.8	530.2	0.0	0.0	24.1	0.8	14.7	0.0
12	51.9	25.7	38.8	3.7	2.1	2.6	2.6	1.1	0.2	0.0	0.0	0.0	504.6	565.1	657.2	812.0	0.0	0.0	17.8	2.9	26.3	0.2
Summary	72.5	44.9	58.7	4.0	2.6	3.0	3415	3007	2439	1609	936	713	2028	2349	2877	3871	9.0	72.4	317.1	9.2	108.0	0.6

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

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

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	0.71	3.8	1.6	0.5	0.1	0.06	0.57	0.95
02	0.53	4.1	1.5	0.2	0.0	0.19	0.38	0.57
03	1.27	5.5	3.0	0.7	0.2	0.28	1.06	1.77
04	1.45	5.5	2.7	0.9	0.4	0.36	0.74	1.96
05	2.27	7.3	4.1	1.6	0.6	1.15	1.79	3.07
06	2.85	7.9	4.7	2.2	0.8	1.59	2.74	3.44
07	2.82	7.4	4.1	1.8	0.9	1.70	2.61	3.82
08	2.86	8.2	5.3	1.9	0.8	1.31	2.23	3.91
09	1.69	5.8	3.4	1.3	0.4	0.86	1.50	2.42
10	1.75	5.4	3.2	1.3	0.4	0.45	0.95	3.18
11	0.75	3.8	1.9	0.4	0.1	0.21	0.48	0.94
12	0.71	4.1	1.7	0.4	0.0	0.23	0.51	0.99
Summary	19.66	68.8	37.2	13.2	4.7	8.39	15.56	27.02

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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	4.00	2.3	1.1	0.3	0.2	0.0	2.7	1.4	0.8	0.1	0.60	2.40	6.10
02	3.50	2.3	1.1	0.3	0.1	0.0	2.3	1.0	0.4	0.1	0.00	1.40	4.70
03	1.90	1.5	0.6	0.1	0.1	0.0	0.7	0.3	0.1	0.1	0.00	0.40	2.00
04	0.50	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.30
05	0.20	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	0.70	0.3	0.2	0.1	0.0	0.0	0.3	0.2	0.0	0.0	0.00	0.00	0.00
11	2.60	1.1	0.7	0.3	0.2	0.0	1.1	0.4	0.2	0.0	0.00	0.80	4.30
12	3.80	2.4	1.2	0.4	0.2	0.0	2.6	1.2	0.5	0.1	0.50	2.10	5.20
Summary	17.2	10.3	5.0	1.5	0.8	0.0	9.8	4.5	2.0	0.4	1.1	7.1	22.6

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Station: **AMARILLO, TX US USW00023047**

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	92.8	142.6	333.8	528.8	829.3	1081.3	1229.0	1182.5	926.9	600.7	266.0	99.2
45	38.0	73.2	213.6	388.1	674.7	931.3	1074.0	1027.5	777.0	453.0	162.8	43.1
50	11.5	30.8	117.8	258.1	521.7	781.4	919.1	872.5	628.0	313.4	85.1	14.0
55	2.0	9.4	54.0	150.7	373.8	631.5	764.1	717.6	480.4	193.4	35.8	2.6
60	0.0	2.0	19.9	71.7	241.4	481.9	609.1	562.6	338.3	100.4	11.8	0.2
Growing Degree Units for Corn (Monthly)												
50/86	99.0	130.9	246.5	344.1	517.0	700.5	801.6	777.4	597.8	379.2	195.7	97.3

Growing Degree Units (Accumulated Monthly)												
40	93	235	569	1098	1927	3009	4238	5420	6347	6948	7214	7313
45	38	111	325	713	1388	2319	3393	4420	5197	5650	5813	5856
50	12	42	160	418	940	1721	2640	3513	4141	4454	4539	4553
55	2	11	65	216	590	1221	1986	2703	3184	3377	3413	3415
60	0	2	22	94	335	817	1426	1989	2327	2427	2439	2439
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	99	230	476	820	1338	2038	2840	3617	4215	4594	4790	4887

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

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