

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1760 ft. Lat: 33.6267° N Lon: 100.3369° W

Station: GUTHRIE, TX US USC00413828

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	56.6	27.4	42.0	4.0	2.7	2.7	8.6	4.4	1.4	0.2	0.0	0.0	411.5	469.3	559.3	713.1	0.0	0.0	21.2	1.6	23.7	0.0
02	60.6	30.3	45.4	5.1	3.1	3.7	27.1	17.8	8.6	1.9	0.3	0.1	294.4	341.1	415.9	549.2	0.0	0.2	21.2	1.2	18.5	0.1
03	69.5	38.4	53.9	3.9	3.6	3.4	110.5	83.2	51.5	18.8	4.0	2.0	143.1	177.8	239.1	361.4	0.0	0.9	28.0	0.2	9.0	0.0
04	78.4	46.4	62.4	3.5	3.0	2.8	256.8	210.8	149.6	72.0	25.9	15.8	34.8	48.8	77.6	149.9	0.2	4.7	29.4	0.0	2.0	0.0
05	86.4	57.7	72.0	4.7	2.6	3.4	531.0	470.6	383.5	251.0	141.9	107.1	2.4	4.1	10.0	32.5	2.3	12.1	30.9	0.0	0.1	0.0
06	93.9	67.2	80.6	4.2	2.3	3.1	766.4	706.4	616.5	466.9	319.5	262.9	0.0	0.0	0.1	0.5	5.3	21.3	30.0	0.0	0.0	0.0
07	97.6	70.7	84.2	3.5	2.2	2.7	903.6	841.6	748.6	593.6	438.8	377.5	0.0	0.0	0.0	0.0	11.7	27.6	31.0	0.0	0.0	0.0
08	97.1	69.4	83.3	3.5	2.2	2.7	875.6	813.6	720.6	565.7	411.5	350.4	0.0	0.0	0.0	0.1	11.3	26.6	31.0	0.0	0.0	0.0
09	88.9	61.4	75.1	3.8	2.9	2.9	605.4	546.1	458.5	317.5	191.6	147.2	0.9	1.7	4.0	13.0	2.1	14.7	30.0	0.0	0.0	0.0
10	78.8	48.9	63.8	3.4	2.8	2.4	303.4	252.7	184.1	92.8	33.9	20.2	29.1	40.4	64.7	128.5	0.1	4.6	30.4	0.1	1.2	0.0
11	66.7	37.3	52.0	4.8	3.9	3.9	80.8	58.5	32.8	9.9	1.6	0.6	170.8	208.4	272.8	399.9	0.0	0.2	26.4	0.3	10.7	0.0
12	57.4	28.9	43.1	3.8	2.5	2.5	12.9	7.9	3.2	0.4	0.0	0.0	380.1	437.1	525.4	677.5	0.0	0.0	22.5	1.3	22.1	0.0
Summary	77.7	48.7	63.2	4.0	2.8	3.0	4482	4014	3359	2391	1569	1284	1467	1729	2169	3026	33.0	112.9	332.0	4.7	87.3	0.1

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	0.95	3.1	1.9	0.7	0.1	0.22	0.76	1.60
02	1.19	3.9	2.4	0.7	0.3	0.45	0.79	1.96
03	1.48	4.6	3.0	0.9	0.2	0.49	1.19	1.93
04	2.04	4.4	3.3	1.3	0.6	0.51	1.54	2.96
05	3.18	6.7	4.8	2.3	1.2	1.82	2.89	3.81
06	3.28	6.5	5.0	2.5	1.1	1.52	3.35	4.88
07	2.05	4.5	3.5	1.4	0.5	0.97	1.94	2.75
08	2.83	5.4	3.9	1.9	0.6	1.19	2.51	3.49
09	2.46	5.0	3.8	1.6	0.7	0.92	2.13	3.09
10	2.00	4.7	3.2	1.2	0.6	0.74	1.56	2.97
11	1.38	3.2	2.1	1.0	0.5	0.18	0.65	2.06
12	0.97	3.4	2.1	0.5	0.3	0.19	0.64	1.16
Summary	23.81	55.4	39.0	16.0	6.7	9.20	19.95	32.66

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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	0.6	0.3	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.20
02	1.60	0.5	0.4	0.2	0.1	0.0	0.6	0.4	0.2	0.1	0.00	0.00	2.40
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	0.00	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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.40	0.3	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
12	1.00	0.5	0.3	0.1	0.0	0.0	0.7	0.3	0.1	0.0	0.00	0.00	0.40
Summary	4.0	2.1	1.1	0.4	0.1	0.0	1.8	0.8	0.4	0.1	0.0	0.0	3.0

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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	155.0	210.4	449.8	673.3	993.5	1216.3	1368.5	1340.5	1054.4	741.1	380.1	169.3
45	78.7	123.1	315.6	526.8	838.6	1066.3	1213.5	1185.5	904.4	589.0	256.9	86.8
50	31.9	63.7	200.3	385.6	684.0	916.4	1058.6	1030.6	754.5	441.2	155.2	36.8
55	8.6	27.1	110.5	256.8	531.0	766.4	903.6	875.6	605.4	303.4	80.8	12.9
60	1.4	8.6	51.5	149.6	383.5	616.5	748.6	720.6	458.5	184.1	32.8	3.2
Growing Degree Units for Corn (Monthly)												
50/86	148.6	179.6	314.4	434.8	628.3	788.7	874.8	853.6	680.4	474.4	268.3	153.2

Growing Degree Units (Accumulated Monthly)												
40	155	365	815	1488	2482	3698	5067	6407	7462	8203	8583	8752
45	79	202	517	1044	1883	2949	4163	5348	6252	6842	7098	7185
50	32	96	296	682	1366	2282	3340	4371	5126	5567	5722	5759
55	9	36	146	403	934	1700	2604	3480	4085	4388	4469	4482
60	1	10	62	211	595	1211	1960	2680	3139	3323	3356	3359
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	149	328	643	1077	1706	2494	3369	4223	4903	5378	5646	5799

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