

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 6790 ft. Lat: 30.7053° N Lon: 104.0233° W

Station: MT LOCKE, TX US USC00416104

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	55.1	32.3	43.7	3.8	3.0	3.3	8.5	3.9	1.0	0.0	0.0	0.0	358.6	416.0	506.2	660.2	0.0	0.0	23.0	0.9	15.4	0.0
02	59.2	34.8	47.0	4.0	3.6	3.6	21.4	12.1	4.3	0.3	0.0	0.0	245.4	292.0	368.2	504.3	0.0	0.0	23.3	0.6	11.1	0.1
03	66.2	39.4	52.8	3.0	2.8	2.8	76.2	51.9	25.9	4.8	0.3	0.0	144.4	182.1	249.1	383.0	0.0	0.0	29.0	0.1	7.2	0.0
04	73.2	45.3	59.3	3.5	2.7	3.0	176.4	134.8	82.8	24.9	3.3	1.2	48.8	67.3	105.2	197.4	0.0	0.1	29.6	0.0	2.8	0.0
05	80.9	53.3	67.1	3.7	2.7	3.1	384.1	326.8	245.3	128.6	49.3	29.2	9.0	13.7	25.3	63.6	0.0	3.6	31.0	0.0	0.4	0.0
06	86.8	59.3	73.1	3.0	2.0	2.4	541.4	481.6	392.2	246.8	119.9	79.7	0.1	0.3	1.0	5.4	0.3	10.4	30.0	0.0	0.0	0.0
07	85.0	59.6	72.3	3.2	1.5	2.3	536.4	474.5	382.1	230.9	98.5	59.2	0.0	0.1	0.7	4.5	0.1	7.5	31.0	0.0	0.0	0.0
08	83.8	59.4	71.6	3.6	1.6	2.5	514.5	452.6	360.0	210.2	83.8	47.5	0.1	0.1	0.5	5.7	0.0	5.0	31.0	0.0	0.0	0.0
09	79.0	55.1	67.0	3.5	1.9	2.6	366.0	308.6	225.8	105.0	29.0	14.4	4.4	7.1	14.3	43.5	0.0	1.5	29.9	0.0	0.1	0.0
10	73.5	48.5	61.0	2.6	1.8	2.0	223.2	174.8	110.8	35.5	4.9	1.8	37.3	50.9	80.0	159.7	0.0	0.1	30.2	0.1	1.5	0.0
11	63.5	39.4	51.4	4.2	3.2	3.6	59.6	39.1	17.0	2.0	0.0	0.0	166.1	205.5	273.4	408.4	0.0	0.0	27.1	0.2	6.7	0.0
12	55.8	33.4	44.6	3.2	2.5	2.7	10.3	4.5	0.8	0.0	0.0	0.0	332.5	388.7	478.0	632.3	0.0	0.0	23.6	1.2	13.7	0.0
Summary	71.8	46.7	59.2	3.4	2.4	2.8	2918	2465	1848	989	389	233	1347	1624	2102	3068	0.4	28.2	338.7	3.1	58.9	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	0.62	3.3	1.7	0.4	0.1	0.09	0.38	0.91	
02	0.49	2.8	1.4	0.2	0.1	0.08	0.18	0.74	
03	0.43	2.6	1.3	0.2	0.0	0.09	0.24	0.61	
04	0.51	2.6	1.1	0.4	0.1	0.06	0.28	0.85	
05	1.38	5.6	3.0	1.0	0.2	0.22	0.86	2.36	
06	2.50	9.0	4.8	1.8	0.5	1.67	2.44	3.10	
07	3.99	12.8	7.7	2.8	0.9	2.36	3.16	5.14	
08	3.45	12.1	7.3	2.4	0.6	2.54	3.44	4.02	
09	2.96	10.1	5.7	1.6	0.7	1.46	2.61	3.94	
10	1.40	6.1	2.9	0.8	0.3	0.30	0.83	2.15	
11	0.67	3.4	1.4	0.3	0.2	0.04	0.35	0.87	
12	0.58	3.2	1.8	0.2	0.0	0.17	0.44	0.74	
Summary	18.98	73.6	40.1	12.1	3.7	9.08	15.21	25.43	

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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	1.80	1.1	0.7	0.1	0.1	0.0	0.8	0.4	0.2	0.0	0.00	0.10	1.40
02	1.00	0.7	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	1.30
03	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.40	0.2	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	2.80	1.6	0.9	0.4	0.1	0.0	1.3	0.5	0.2	0.0	0.00	2.10	4.40
Summary	6.2	3.7	2.1	0.6	0.2	0.0	2.6	1.0	0.4	0.0	0.0	2.2	7.1

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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	179.3	231.1	408.9	579.8	840.3	991.3	1001.3	979.5	811.6	654.5	364.0	203.2
45	88.6	133.6	273.8	435.1	685.9	841.3	846.3	824.5	662.0	504.1	238.0	108.2
50	33.4	64.4	159.9	297.2	533.3	691.3	691.4	669.4	512.8	358.0	134.4	43.4
55	8.5	21.4	76.2	176.4	384.1	541.4	536.4	514.5	366.0	223.2	59.6	10.3
60	1.0	4.3	25.9	82.8	245.3	392.2	382.1	360.0	225.8	110.8	17.0	0.8
Growing Degree Units for Corn (Monthly)												
50/86	112.7	146.3	263.1	369.3	539.1	648.9	661.8	648.3	513.7	402.0	217.9	122.4

Growing Degree Units (Accumulated Monthly)												
40	179	410	819	1399	2239	3231	4232	5212	6023	6678	7042	7245
45	89	222	496	931	1617	2458	3305	4129	4791	5295	5533	5641
50	33	98	258	555	1088	1780	2471	3140	3653	4011	4146	4189
55	8	30	106	282	667	1208	1744	2259	2625	2848	2908	2918
60	1	5	31	114	359	752	1134	1494	1719	1830	1847	1848
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	113	259	522	891	1430	2079	2741	3390	3903	4305	4523	4645

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

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