

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3259 ft. Lat: 33.6542° N Lon: 101.8136° W
Station: LUBBOCK, TX US USW00023042
Generated on 04/24/2024

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	55.0	27.2	41.1	4.2	2.5	2.6	3.4	1.4	0.2	0.0	0.0	0.0	434.2	494.2	586.1	740.8	0.0	0.0	21.9	1.6	24.2	0.0
02	59.7	30.6	45.1	4.7	2.7	3.2	17.4	10.5	4.1	0.5	0.0	0.0	293.2	342.2	419.8	556.3	0.0	0.0	21.9	1.0	17.0	0.0
03	67.8	38.3	53.0	3.8	3.3	3.1	87.9	64.1	36.3	10.3	1.6	0.6	148.3	186.6	251.8	380.7	0.0	0.4	28.3	0.2	7.7	0.0
04	76.0	46.3	61.2	3.5	2.6	2.7	226.3	182.5	125.1	53.3	16.2	8.6	41.8	58.0	90.5	168.8	0.0	2.4	29.3	0.0	1.5	0.0
05	84.2	56.7	70.4	4.3	2.4	3.1	482.6	423.1	338.1	210.4	109.9	79.4	3.7	6.2	14.2	41.5	1.7	10.5	30.9	0.0	0.1	0.0
06	91.6	65.6	78.6	3.8	2.1	2.9	707.9	647.9	558.0	408.9	263.8	209.0	0.0	0.0	0.2	1.0	4.3	19.5	30.0	0.0	0.0	0.0
07	93.4	69.0	81.2	3.1	1.8	2.3	812.2	750.2	657.2	502.3	348.3	287.7	0.0	0.0	0.0	0.1	4.5	24.6	31.0	0.0	0.0	0.0
08	92.2	67.5	79.9	3.3	1.9	2.5	770.2	708.2	615.2	460.4	307.0	247.7	0.0	0.0	0.0	0.2	2.3	22.3	31.0	0.0	0.0	0.0
09	84.9	59.8	72.3	3.4	2.5	2.6	522.5	463.6	376.6	240.3	124.2	86.4	2.0	3.1	6.1	19.8	0.5	9.6	29.9	0.0	0.0	0.0
10	75.5	48.1	61.8	3.1	2.6	2.3	248.8	201.2	138.7	60.5	17.2	8.3	38.1	52.4	82.9	159.7	0.0	2.2	30.3	0.0	1.4	0.0
11	63.8	36.3	50.0	4.7	2.8	3.4	51.5	34.4	16.9	3.5	0.5	0.2	200.0	242.8	315.3	451.9	0.0	0.0	26.5	0.3	9.8	0.0
12	55.1	28.3	41.7	3.6	2.2	2.4	5.4	2.5	0.5	0.0	0.0	0.0	417.6	476.6	567.6	722.1	0.0	0.0	21.4	1.3	22.5	0.0
Summary	74.9	47.8	61.4	3.8	2.4	2.8	3936	3490	2867	1950	1189	928	1579	1862	2334	3243	13.3	91.5	332.4	4.4	84.2	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	0.65	3.5	1.4	0.4	0.1	0.05	0.38	1.28	
02	0.65	4.2	1.7	0.3	0.1	0.17	0.51	0.85	
03	1.10	4.9	2.1	0.8	0.2	0.21	0.69	1.55	
04	1.33	4.4	2.4	0.9	0.3	0.38	1.10	1.47	
05	2.69	7.0	3.8	1.7	0.8	1.14	2.11	3.89	
06	2.58	7.6	4.7	1.7	0.5	1.61	2.39	3.31	
07	1.96	5.8	3.4	1.0	0.5	0.80	1.74	2.37	
08	1.74	6.4	3.8	1.0	0.3	0.56	1.53	2.26	
09	2.55	6.0	3.8	1.5	0.6	0.65	1.43	3.42	
10	1.53	5.6	2.9	1.1	0.3	0.51	0.92	2.54	
11	0.80	3.7	1.6	0.5	0.2	0.08	0.34	0.78	
12	0.75	3.6	1.8	0.4	0.1	0.14	0.63	1.42	
Summary	18.33	62.7	33.4	11.3	4.0	6.30	13.77	25.14	

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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	1.60	1.6	0.6	0.1	0.0	0.0	1.2	0.1	0.0	0.0	0.00	0.80	2.20
02	1.40	1.4	0.6	0.1	0.0	0.0	0.7	0.1	0.0	0.0	0.00	0.20	3.00
03	0.40	0.7	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.70
04	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
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	1.00	0.5	0.3	0.1	0.0	0.0	0.4	0.2	0.0	0.0	0.00	0.00	0.80
12	2.40	1.2	0.6	0.2	0.1	0.1	1.3	0.6	0.2	0.1	0.00	0.40	3.80
Summary	7.0	5.7	2.2	0.5	0.1	0.1	4.0	1.0	0.2	0.1	0.0	1.4	10.5

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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	126.8	195.8	420.0	636.4	943.9	1157.8	1277.1	1235.2	970.5	678.2	324.9	138.7
45	56.0	108.0	286.6	490.6	789.0	1007.9	1122.2	1080.2	820.5	527.1	206.7	65.7
50	18.1	49.8	172.3	351.3	634.8	857.9	967.2	925.2	671.1	381.7	113.6	23.4
55	3.4	17.4	87.9	226.3	482.6	707.9	812.2	770.2	522.5	248.8	51.5	5.4
60	0.2	4.1	36.3	125.1	338.1	558.0	657.2	615.2	376.6	138.7	16.9	0.5
Growing Degree Units for Corn (Monthly)												
50/86	124.9	164.4	288.8	407.4	596.9	758.3	844.7	818.9	636.0	429.3	224.8	124.5

Growing Degree Units (Accumulated Monthly)												
40	127	323	743	1379	2323	3481	4758	5993	6963	7642	7967	8105
45	56	164	451	941	1730	2738	3860	4940	5761	6288	6495	6560
50	18	68	240	592	1226	2084	3051	3977	4648	5029	5143	5166
55	3	21	109	335	818	1526	2338	3108	3630	3879	3931	3936
60	0	4	41	166	504	1062	1719	2334	2711	2849	2866	2867
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	125	289	578	986	1582	2341	3185	4004	4640	5070	5294	5419

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