

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 3514 ft. Lat: 33.5500° N Lon: 102.3758° W

Station: LEVELLAND, TX US USC00415183

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	53.7	25.2	39.5	4.4	2.7	2.8	1.7	0.6	0.1	0.0	0.0	0.0	483.7	544.6	637.1	792.0	0.0	0.0	21.4	2.0	25.8	0.0
02	58.5	28.2	43.3	4.5	2.7	3.1	9.6	5.3	1.9	0.3	0.0	0.0	335.7	387.4	468.1	606.5	0.0	0.0	21.5	0.9	19.8	0.1
03	66.5	35.0	50.8	3.8	3.2	3.0	54.9	36.5	17.5	3.1	0.2	0.0	186.7	230.2	304.3	444.9	0.0	0.2	28.1	0.3	10.3	0.0
04	75.2	42.6	58.9	3.4	2.6	2.7	173.2	133.5	82.6	26.2	4.8	2.0	56.1	76.5	115.6	209.1	0.1	1.8	29.2	0.0	2.7	0.0
05	83.7	53.4	68.5	4.4	1.9	2.9	427.3	369.5	286.8	165.7	76.1	50.6	7.2	11.4	21.8	55.6	1.7	10.8	30.9	0.0	0.1	0.0
06	91.3	62.8	77.1	3.6	1.9	2.6	661.4	601.4	511.6	362.8	220.0	167.5	0.1	0.1	0.3	1.5	4.4	19.7	30.0	0.0	0.0	0.0
07	92.4	65.6	79.0	3.1	1.5	2.1	744.0	682.0	589.0	434.4	281.5	221.7	0.0	0.0	0.0	0.4	4.5	23.3	31.0	0.0	0.0	0.0
08	90.5	64.1	77.3	3.0	1.4	2.1	691.2	629.2	536.2	381.9	230.9	173.9	0.0	0.0	0.0	0.7	1.9	20.9	31.0	0.0	0.0	0.0
09	83.5	57.0	70.2	3.5	2.5	2.5	460.3	401.8	316.1	185.1	78.2	46.5	2.9	4.4	8.7	27.6	0.6	8.8	29.9	0.0	0.0	0.0
10	74.7	45.3	60.0	2.7	2.6	2.0	204.3	159.9	102.9	37.6	6.7	2.5	49.4	66.9	103.0	192.6	0.1	1.7	30.0	0.1	1.8	0.0
11	62.7	33.6	48.2	4.8	2.8	3.4	33.1	20.3	8.6	1.1	0.0	0.0	238.5	285.8	364.0	506.6	0.0	0.0	25.8	0.5	13.0	0.0
12	54.4	26.6	40.5	3.6	1.9	2.2	2.8	1.0	0.2	0.0	0.0	0.0	452.2	512.4	604.6	759.4	0.0	0.0	21.4	1.3	24.9	0.0
Summary	73.9	44.9	59.4	3.7	2.3	2.6	3464	3041	2454	1598	898	665	1812	2120	2628	3597	13.3	87.2	330.2	5.1	98.4	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	0.66	3.8	1.5	0.4	0.1	0.02	0.43	1.27
02	0.60	4.1	2.0	0.3	0.0	0.19	0.38	0.93
03	1.12	4.8	2.4	0.7	0.4	0.24	0.59	1.79
04	1.00	3.9	2.0	0.7	0.2	0.08	0.85	1.37
05	2.40	6.0	3.6	1.6	0.6	0.81	1.98	3.30
06	2.67	6.8	4.8	1.9	0.6	1.45	2.49	3.68
07	2.06	6.4	3.9	1.4	0.5	0.61	1.86	3.30
08	2.29	7.4	4.1	1.8	0.6	1.00	2.00	3.56
09	2.29	6.2	3.8	1.7	0.6	0.51	1.65	3.66
10	1.53	5.4	2.9	1.0	0.3	0.46	0.95	2.09
11	0.87	3.9	2.0	0.5	0.2	0.18	0.59	1.30
12	0.78	4.0	1.7	0.5	0.1	0.11	0.60	1.32
Summary	18.27	62.7	34.7	12.5	4.2	5.66	14.37	27.57

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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	1.30	1.3	0.7	0.2	0.1	0.0	1.7	0.6	0.3	0.0	0.00	0.40	1.10
02	1.50	1.0	0.4	0.1	0.0	0.0	0.8	0.2	0.1	0.0	0.00	0.00	2.10
03	0.50	0.6	0.2	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.80
04	0.00	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	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.90	0.5	0.3	0.1	0.1	0.0	0.6	0.2	0.1	0.0	0.00	0.00	0.80
12	1.90	1.2	0.7	0.2	0.1	0.0	1.6	0.8	0.4	0.1	0.00	0.20	1.80
Summary	6.2	4.8	2.3	0.7	0.3	0.0	5.2	1.9	0.9	0.1	0.0	0.6	6.6

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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	101.7	161.2	356.1	570.5	885.1	1111.3	1208.9	1156.1	907.5	623.6	278.2	118.7
45	41.0	83.0	229.1	427.0	730.6	961.2	1053.9	1001.1	757.7	474.3	168.2	51.2
50	11.8	33.6	125.3	291.4	577.0	811.3	898.9	846.1	608.5	332.0	85.6	15.9
55	1.7	9.6	54.9	173.2	427.3	661.4	744.0	691.2	460.3	204.3	33.1	2.8
60	0.1	1.9	17.5	82.6	286.8	511.6	589.0	536.2	316.1	102.9	8.6	0.2
Growing Degree Units for Corn (Monthly)												
50/86	112.9	152.8	269.3	381.8	550.9	715.7	789.8	760.8	586.5	402.0	210.3	117.7

Growing Degree Units (Accumulated Monthly)												
40	102	263	619	1190	2075	3186	4395	5551	6458	7082	7360	7479
45	41	124	353	780	1511	2472	3526	4527	5285	5759	5927	5978
50	12	45	171	462	1039	1850	2749	3595	4204	4536	4622	4637
55	2	11	66	239	667	1328	2072	2763	3224	3428	3461	3464
60	0	2	20	102	389	900	1490	2026	2342	2445	2453	2454
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	113	266	535	917	1468	2183	2973	3734	4320	4722	4933	5050

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

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