

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 2530 ft. Lat: 32.7744° N Lon: 101.4539° W

Station: GAIL, TX US USC00413411

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	57.1	32.2	44.6	4.4	1.9	2.7	17.1	9.8	3.4	0.1	0.0	0.0	337.9	392.5	479.1	630.8	0.0	0.0	24.4	1.0	16.9	0.0
02	62.0	35.6	48.8	5.2	2.5	3.5	42.4	28.6	14.0	3.5	0.6	0.2	216.0	258.1	327.6	457.0	0.0	0.1	23.4	0.7	10.9	0.0
03	70.1	42.6	56.4	4.0	3.4	3.3	138.4	105.0	65.1	23.8	5.3	2.2	96.6	125.2	178.3	292.0	0.0	0.8	29.7	0.2	4.7	0.0
04	78.8	50.0	64.4	3.5	2.5	2.6	301.9	251.1	181.6	91.9	35.5	21.8	19.9	29.1	49.6	109.9	0.1	4.7	29.7	0.0	0.8	0.0
05	85.6	59.7	72.7	4.6	2.8	3.4	548.6	487.7	398.0	260.6	146.6	109.7	1.5	2.6	5.9	23.5	2.4	13.6	30.9	0.0	0.0	0.0
06	91.4	67.3	79.3	4.1	2.1	2.9	730.4	670.5	580.6	430.9	283.9	227.8	0.0	0.1	0.1	0.4	5.3	21.0	30.0	0.0	0.0	0.0
07	93.6	70.2	81.9	3.4	1.8	2.5	833.9	771.9	678.9	523.9	369.6	308.5	0.0	0.0	0.0	0.0	6.8	26.4	31.0	0.0	0.0	0.0
08	92.9	69.6	81.2	3.5	2.0	2.6	813.6	751.6	658.6	503.7	349.2	288.5	0.0	0.0	0.0	0.1	6.1	25.2	31.0	0.0	0.0	0.0
09	85.5	62.3	73.9	3.4	2.5	2.6	567.9	508.5	420.5	278.6	153.3	110.7	0.8	1.5	3.5	11.7	0.8	12.7	30.0	0.0	0.0	0.0
10	77.2	51.5	64.3	2.6	2.2	1.8	313.4	260.5	188.0	90.8	30.4	17.0	23.6	32.7	53.2	111.1	0.1	3.5	30.5	0.0	0.6	0.0
11	65.7	40.5	53.1	4.3	3.2	3.4	86.0	61.6	33.7	8.4	1.0	0.3	142.9	178.5	240.7	365.3	0.0	0.1	27.5	0.1	6.6	0.0
12	57.4	33.3	45.3	3.2	2.1	2.3	18.3	10.7	4.1	0.2	0.0	0.0	317.3	371.7	458.1	609.2	0.0	0.0	24.6	0.8	15.4	0.0
Summary	76.4	51.2	63.8	3.9	2.4	2.8	4412	3917	3226	2216	1375	1087	1156	1392	1796	2611	21.6	108.1	342.7	2.8	55.9	0.0

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

Current Location: Elev: 2530 ft. Lat: 32.7744° N Lon: 101.4539° W
Station: **GAIL, TX US USC00413411**

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

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	0.55	2.0	1.6	0.5	0.1	0.07	0.34	0.98
02	0.69	2.2	1.9	0.4	0.1	0.16	0.44	0.99
03	1.08	2.5	2.1	0.9	0.3	0.13	0.69	1.57
04	1.36	2.9	2.4	0.9	0.3	0.40	0.60	1.91
05	2.52	4.9	4.0	2.1	1.0	1.10	1.90	3.07
06	2.39	4.9	4.4	2.0	0.8	1.22	2.07	3.29
07	2.00	3.6	3.3	1.6	0.7	0.40	1.12	2.70
08	2.69	3.8	3.3	1.4	0.7	1.37	2.37	3.74
09	2.54	4.0	3.7	1.6	1.1	0.98	1.79	3.65
10	1.78	2.7	2.6	1.2	0.6	0.61	1.10	2.19
11	1.26	1.8	1.6	0.6	0.2	0.10	0.57	1.66
12	0.59	1.7	1.5	0.6	0.1	0.00	0.20	0.90
Summary	19.45	37.0	32.4	13.8	6.0	6.54	13.19	26.65

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

Current Location: Elev: 2530 ft. Lat: 32.7744° N Lon: 101.4539° W
Station: **GAIL, TX US USC00413411**

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

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	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.20	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
03	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	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
12	0.90	0.3	0.3	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
Summary	1.3	0.5	0.5	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0

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

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2530 ft. Lat: 32.7744° N Lon: 101.4539° W
Station: **GAIL, TX US USC00413411**

Generated on 04/27/2024

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	204.6	278.3	516.3	732.7	1012.1	1180.3	1298.8	1278.4	1017.0	756.4	405.8	216.4
45	111.6	173.0	374.7	584.3	857.1	1030.3	1143.8	1123.4	867.0	603.8	277.5	120.2
50	49.8	94.1	245.0	438.9	702.4	880.4	988.9	968.5	717.2	455.0	168.9	54.9
55	17.1	42.4	138.4	301.9	548.6	730.4	833.9	813.6	567.9	313.4	86.0	18.3
60	3.4	14.0	65.1	181.6	398.0	580.6	678.9	658.6	420.5	188.0	33.7	4.1
Growing Degree Units for Corn (Monthly)												
50/86	148.0	192.6	334.4	472.4	653.2	786.4	865.1	853.7	679.7	485.4	256.8	147.0

Growing Degree Units (Accumulated Monthly)												
40	205	483	999	1732	2744	3924	5223	6502	7518	8275	8681	8897
45	112	285	659	1244	2101	3131	4275	5398	6265	6869	7147	7267
50	50	144	389	828	1530	2411	3400	4368	5085	5540	5709	5764
55	17	60	198	500	1048	1779	2613	3426	3994	4308	4394	4412
60	3	17	82	264	662	1243	1922	2580	3001	3189	3222	3226
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	148	341	675	1147	1801	2587	3452	4306	4986	5471	5728	5875

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.