

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 870 ft. Lat: 33.6461° N Lon: 97.0592° W

Station: GAINESVILLE 5 ENE, TX US USC00413420

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	52.6	31.7	42.2	3.5	2.9	2.9	12.9	7.5	3.0	0.4	0.0	0.0	411.1	467.7	556.2	708.5	0.0	0.0	19.0	1.5	16.1	0.0
02	57.6	35.4	46.5	5.2	3.5	4.2	34.2	22.8	10.8	2.5	0.5	0.2	272.1	316.7	388.8	520.4	0.0	0.1	20.9	1.1	10.8	0.0
03	65.5	42.8	54.2	3.7	4.1	3.7	109.7	81.2	47.8	15.0	2.3	0.8	136.1	169.6	229.2	351.3	0.0	0.1	28.0	0.2	4.6	0.0
04	73.5	50.8	62.2	2.9	3.2	2.8	243.6	196.9	134.6	56.3	14.4	6.4	29.1	42.4	70.1	141.8	0.0	0.4	29.6	0.0	0.6	0.0
05	80.0	60.1	70.0	2.8	2.2	2.3	468.8	408.6	321.2	189.1	85.6	55.7	2.2	4.0	9.6	32.5	0.0	3.4	30.9	0.0	0.0	0.0
06	88.5	68.7	78.6	3.3	2.1	2.5	707.9	647.9	558.0	408.4	261.6	205.9	0.0	0.0	0.1	0.6	0.8	14.7	30.0	0.0	0.0	0.0
07	93.5	72.8	83.1	3.6	2.1	2.7	872.6	810.6	717.6	562.6	408.5	347.2	0.0	0.0	0.0	0.1	6.1	24.4	31.0	0.0	0.0	0.0
08	94.3	72.3	83.3	4.4	2.4	3.3	877.1	815.1	722.1	567.2	412.9	352.0	0.0	0.0	0.0	0.1	9.0	24.1	31.0	0.0	0.0	0.0
09	86.6	65.1	75.9	4.4	2.7	3.3	625.8	566.3	477.7	334.5	204.4	158.3	0.3	0.8	2.2	9.0	1.8	12.4	30.0	0.0	0.0	0.0
10	76.0	53.9	64.9	3.5	2.3	2.5	330.6	278.6	207.1	109.4	43.3	26.3	22.1	32.2	53.7	111.0	0.0	2.2	30.6	0.0	0.3	0.0
11	63.5	42.7	53.1	4.6	3.7	3.9	92.7	69.2	40.9	13.3	2.7	0.9	149.6	186.1	247.8	370.2	0.0	0.1	26.7	0.2	4.5	0.0
12	54.5	34.2	44.3	3.4	2.8	2.9	19.6	12.3	5.3	0.7	0.0	0.0	349.6	404.3	490.3	640.7	0.0	0.0	20.6	0.9	13.3	0.0
Summary	73.8	52.5	63.2	3.8	2.8	3.1	4396	3917	3246	2259	1436	1154	1372	1624	2048	2886	17.7	81.9	328.3	3.9	50.2	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	2.21	5.0	3.6	1.4	0.5	1.21	2.07	2.92	
02	2.56	5.1	3.8	1.8	0.6	1.46	2.22	3.31	
03	3.65	6.6	5.1	2.5	1.0	2.17	3.19	4.73	
04	3.92	6.2	4.7	2.4	1.3	2.51	3.41	4.96	
05	5.64	8.8	6.8	3.6	1.8	2.71	5.05	6.84	
06	4.64	6.4	5.0	2.7	1.5	3.03	3.77	5.86	
07	2.91	5.2	4.0	1.8	0.8	0.72	2.83	3.92	
08	2.83	5.2	3.7	1.6	0.9	0.83	2.41	3.42	
09	3.90	5.7	4.2	2.3	1.1	1.35	3.00	5.46	
10	4.36	5.9	5.0	2.6	1.7	2.17	3.51	6.84	
11	3.02	5.2	3.5	1.8	0.9	1.11	2.41	4.50	
12	3.11	5.0	4.0	2.0	0.9	1.32	3.19	3.91	
Summary	42.75	70.3	53.4	26.5	13.0	20.59	37.06	56.67	

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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	1.30	0.4	0.4	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
02	0.30	0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
03	0.60	0.1	0.1	0.1	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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.30	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	2.6	1.0	0.7	0.4	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0

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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	163.1	234.4	454.1	665.0	931.6	1157.9	1337.6	1342.1	1075.4	774.3	408.5	200.2
45	85.3	144.1	318.4	517.3	776.6	1007.9	1182.6	1187.1	925.4	621.3	280.9	109.7
50	36.8	77.1	200.9	374.7	622.0	857.9	1027.6	1032.1	775.5	472.1	172.7	51.3
55	12.9	34.2	109.7	243.6	468.8	707.9	872.6	877.1	625.8	330.6	92.7	19.6
60	3.0	10.8	47.8	134.6	321.2	558.0	717.6	722.1	477.7	207.1	40.9	5.3
Growing Degree Units for Corn (Monthly)												
50/86	102.9	146.1	270.5	410.5	614.6	798.9	904.0	892.9	721.6	488.6	235.6	117.5

Growing Degree Units (Accumulated Monthly)												
40	163	398	852	1517	2448	3606	4944	6286	7361	8135	8544	8744
45	85	229	548	1065	1842	2850	4032	5219	6145	6766	7047	7157
50	37	114	315	690	1312	2169	3197	4229	5005	5477	5649	5701
55	13	47	157	400	869	1577	2450	3327	3953	4283	4376	4396
60	3	14	62	196	517	1075	1793	2515	2993	3200	3241	3246
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	103	249	520	930	1545	2344	3248	4140	4862	5351	5586	5704

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