

Summary of Monthly Normals
1981-2010

Generated on 04/28/2024

Current Location: Elev: 448 ft. Lat: 32.1633° N Lon: 95.8300° W
Station: ATHENS, TX US USC00410404

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	57.2	34.5	45.9	4.2	3.6	3.6	31	21	12	3	-7777	-7777	314	367	450	596	0.0	0.0	22.1	0.4	13.6	-7777
02	61.0	37.9	49.5	4.6	3.5	3.8	47	33	18	5	1	-7777	202	244	313	440	0.0	0.0	22.6	0.5	8.0	-7777
03	68.0	44.7	56.4	3.2	4.1	3.3	136	103	63	21	4	2	94	123	176	289	0.0	0.0	29.2	0.1	3.1	0.0
04	75.6	53.0	64.3	2.4	4.3	2.9	294	242	170	76	22	11	15	23	41	97	0.0	0.1	30.0	0.0	0.1	0.0
05	82.3	62.2	72.2	2.3	2.9	2.3	535	474	382	237	114	77	-7777	1	2	12	0.0	1.7	31.0	0.0	0.0	0.0
06	88.6	69.5	79.0	2.3	2.2	1.9	721	661	571	422	273	216	0	0	-7777	-7777	0.0	11.3	30.0	0.0	0.0	0.0
07	92.6	72.0	82.3	2.4	1.6	1.8	846	784	691	536	381	320	0	0	0	0	0.9	23.4	31.0	0.0	0.0	0.0
08	94.3	71.4	82.9	3.0	1.6	2.0	863	801	708	553	398	337	0	0	0	0	3.4	25.3	31.0	0.0	0.0	0.0
09	87.8	64.9	76.4	2.6	2.6	2.1	641	581	492	347	212	162	-7777	-7777	1	6	0.5	11.9	30.0	0.0	0.0	0.0
10	78.2	54.9	66.5	2.2	3.2	1.8	368	312	234	125	52	33	9	15	31	77	0.0	1.2	31.0	0.0	0.2	0.0
11	67.2	44.6	55.9	3.5	3.5	3.1	131	100	63	23	6	3	104	133	186	296	0.0	0.0	27.9	0.0	3.8	0.0
12	58.1	35.7	46.9	4.0	4.2	3.8	39	28	16	5	1	-7777	290	341	422	566	0.0	0.0	23.7	0.4	12.6	-7777
Summary	75.9	53.8	64.8	3.1	3.1	2.7	4652	4140	3420	2353	1464	1161	1028	1247	1622	2379	4.8	74.9	339.5	1.4	41.4	0.0

-7777: a non-zero value that would round to zero
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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	2.98	6.6	4.4	2.0	0.7	1.28	1.97	4.22
02	3.87	7.0	5.0	2.4	1.2	2.20	3.83	4.99
03	4.04	7.3	5.4	2.8	1.5	2.78	3.90	4.90
04	3.21	5.4	4.1	2.3	0.8	1.65	2.41	4.58
05	4.77	7.1	5.4	2.7	1.6	1.72	3.98	8.00
06	4.35	6.5	5.4	3.1	1.5	2.81	3.89	6.53
07	2.11	4.6	3.2	1.5	0.5	0.71	1.60	3.15
08	2.37	4.3	2.9	1.3	0.9	0.38	1.81	3.89
09	2.56	5.1	3.5	1.5	0.7	1.18	1.76	3.77
10	4.96	6.7	4.9	3.2	1.7	2.75	3.98	6.06
11	3.74	6.9	4.9	2.4	1.5	2.14	3.21	5.14
12	3.98	6.8	5.1	2.6	1.1	2.10	3.92	5.04
Summary	42.94	74.3	54.2	27.8	13.7	21.70	36.26	60.27

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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	0.3	0.1	0.1	-7777	-7777	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
02	0.3	0.1	0.1	-7777	-7777	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
03	-7777	-7777	0.0	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.2	0.1	0.1	0.0	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
Summary	0.8	0.3	0.3	0.0	0.0	0.0	0.1	0.0	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	229	289	513	729	1000	1171	1311	1328	1091	823	482	257
45	133	183	369	580	845	1021	1156	1173	940	669	347	154
50	68	102	240	432	690	871	1001	1018	790	516	227	81
55	31	47	136	294	535	721	846	863	641	368	131	39
60	12	18	63	170	382	571	691	708	492	234	63	16
Growing Degree Units for Corn (Monthly)												
50/86	151	183	315	466	684	820	897	886	738	536	295	165

Growing Degree Units (Accumulated Monthly)												
40	229	518	1031	1760	2760	3931	5242	6570	7661	8484	8966	9223
45	133	316	685	1265	2110	3131	4287	5460	6400	7069	7416	7570
50	68	170	410	842	1532	2403	3404	4422	5212	5728	5955	6036
55	31	78	214	508	1043	1764	2610	3473	4114	4482	4613	4652
60	12	30	93	263	645	1216	1907	2615	3107	3341	3404	3420
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	151	334	649	1115	1799	2619	3516	4402	5140	5676	5971	6136

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