

## Summary of Monthly Normals 1991-2020

Generated on 06/06/2026

Current Location: Elev: 1790 ft. Lat: 32.4106° N Lon: 99.6822° W  
 Station: **ABILENE RGNL AP, TX US USW00013962**

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	58.8	33.7	46.3	3.8	2.9	2.9	31.9	21.6	10.3	1.7	0.0	0.0	303.0	354.7	436.5	582.8	0.0	0.0	23.3	1.0	15.3	0.0
02	62.8	37.4	50.1	4.6	3.0	3.5	59.9	43.7	25.7	8.0	1.9	0.9	197.0	236.8	302.8	425.1	0.0	0.2	22.8	0.7	9.3	0.0
03	70.9	45.3	58.1	3.4	3.3	3.1	180.4	144.1	97.8	41.3	12.2	6.2	84.4	110.1	156.7	255.2	0.0	0.8	29.4	0.1	3.8	0.0
04	79.2	52.8	66.0	3.4	2.8	2.8	346.5	294.8	222.2	121.8	52.7	34.5	16.5	24.8	42.2	91.8	0.0	3.3	29.7	0.0	0.5	0.0
05	86.3	61.9	74.1	4.0	2.5	3.0	592.7	531.3	441.0	297.8	172.8	131.8	0.6	1.3	4.0	15.8	1.1	9.9	31.0	0.0	0.0	0.0
06	92.8	69.5	81.1	3.3	2.0	2.6	784.4	724.4	634.4	484.6	335.7	277.2	0.0	0.0	0.1	0.3	2.6	20.3	30.0	0.0	0.0	0.0
07	96.4	73.1	84.7	2.9	2.0	2.4	922.2	860.2	767.2	612.2	457.4	395.6	0.0	0.0	0.0	0.0	6.3	26.9	31.0	0.0	0.0	0.0
08	96.0	72.4	84.2	3.6	2.2	2.9	905.0	843.0	750.0	595.0	440.3	378.8	0.0	0.0	0.0	0.0	7.3	25.2	31.0	0.0	0.0	0.0
09	88.7	65.0	76.8	3.6	2.7	2.9	656.0	596.4	507.4	362.2	227.5	179.2	0.5	0.9	1.9	6.7	1.0	13.0	30.0	0.0	0.0	0.0
10	79.3	54.7	67.0	3.2	2.5	2.4	388.8	333.9	256.4	146.1	63.4	40.8	16.9	24.0	39.5	84.2	0.0	2.8	30.5	0.0	0.4	0.0
11	67.8	43.3	55.5	3.8	3.2	3.2	130.9	101.1	64.0	23.2	5.5	2.6	114.3	144.6	197.5	306.6	0.0	0.1	27.4	0.1	5.2	0.0
12	59.4	35.2	47.3	3.5	2.6	2.5	37.7	25.6	13.1	2.6	0.1	0.0	276.2	326.0	406.5	551.1	0.0	0.0	23.9	0.6	13.0	0.0
Summary	78.2	53.7	65.9	3.6	2.6	2.8	5036	4520	3790	2696	1769	1448	1009	1223	1588	2320	18.3	102.5	340.0	2.5	47.5	0.0

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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	1.10	4.6	2.1	0.6	0.3	0.24	1.00	1.74	
02	1.29	5.1	2.7	0.9	0.2	0.45	0.85	2.02	
03	1.73	5.8	3.1	1.2	0.4	0.84	1.36	2.28	
04	1.86	4.7	3.2	1.2	0.6	0.67	1.57	2.44	
05	3.21	8.0	5.2	2.2	0.9	1.81	2.49	3.58	
06	3.44	6.9	4.9	2.6	1.1	2.01	3.23	4.33	
07	1.92	4.7	2.8	1.0	0.4	0.31	1.45	2.42	
08	2.53	6.0	3.9	1.5	0.6	0.56	1.84	4.10	
09	2.67	5.9	3.7	1.8	0.8	1.03	2.37	3.74	
10	2.83	6.2	3.9	1.6	0.8	1.04	1.87	3.35	
11	1.40	4.5	2.5	0.9	0.3	0.29	0.97	2.48	
12	1.26	4.8	2.6	0.9	0.2	0.41	1.02	1.39	
Summary	25.24	67.2	40.6	16.4	6.6	9.66	20.02	33.87	

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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	0.70	0.5	0.2	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.70
02	1.00	0.8	0.4	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.00	0.00	1.10
03	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
04	0.30	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.70	0.3	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.50
12	0.90	0.5	0.3	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.80
Summary	3.7	2.4	1.1	0.4	0.0	0.0	1.3	0.3	0.0	0.0	0.0	0.0	3.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Growing Degree Units (Monthly)</b>												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	242.9	310.8	568.6	780.5	1057.1	1234.4	1387.2	1370.0	1105.5	837.6	475.3	265.0
45	141.9	202.8	423.9	631.9	902.1	1084.3	1232.1	1214.9	955.5	684.2	342.2	159.5
50	72.5	117.0	291.5	485.6	747.1	934.4	1077.1	1059.9	805.5	533.1	224.8	84.7
55	31.9	59.9	180.4	346.5	592.7	784.4	922.2	905.0	656.0	388.8	130.9	37.7
60	10.3	25.7	97.8	222.2	441.0	634.4	767.2	750.0	507.4	256.4	64.0	13.1
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	169.3	204.2	356.5	500.6	694.9	825.4	913.2	899.6	736.2	542.2	297.5	175.5

Growing Degree Units (Accumulated Monthly)												
40	243	554	1122	1903	2960	4194	5582	6952	8057	8895	9370	9635
45	142	345	769	1400	2303	3387	4619	5834	6789	7474	7816	7975
50	72	190	481	967	1714	2648	3725	4785	5591	6124	6349	6433
55	32	92	272	619	1211	1996	2918	3823	4479	4868	4999	5036
60	10	36	134	356	797	1431	2199	2949	3456	3712	3776	3790
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	169	374	730	1231	1926	2751	3664	4564	5300	5842	6140	6315

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