

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 550 ft. Lat: 32.0161° N Lon: 97.1094° W

Station: HILLSBORO, TX US USC00414182

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	59.0	33.9	46.5	4.0	3.2	3.2	30.0	20.1	10.2	1.7	0.1	0.0	294.8	347.0	430.1	576.6	0.0	0.0	23.8	0.5	12.1	0.0
02	62.7	37.8	50.3	4.9	3.3	3.8	60.2	43.7	24.5	6.7	1.0	0.3	193.1	232.6	297.4	419.7	0.0	0.1	23.9	0.6	7.1	0.0
03	69.5	44.9	57.2	3.6	4.3	3.8	155.1	118.2	73.7	24.9	4.1	1.5	86.9	112.0	160.4	266.6	0.0	0.2	29.7	0.0	2.9	0.0
04	77.1	53.0	65.1	3.2	3.4	3.0	317.1	264.8	192.4	94.9	32.0	17.7	15.6	23.2	40.9	93.4	0.0	0.9	29.8	0.0	0.2	0.0
05	84.1	62.1	73.1	2.8	2.2	2.3	561.7	500.3	409.1	264.3	138.1	97.5	0.6	1.2	3.0	13.1	0.0	5.5	31.0	0.0	0.0	0.0
06	91.5	70.0	80.8	2.9	2.1	2.3	772.3	712.3	622.3	472.5	323.3	264.6	0.0	0.0	0.0	0.2	1.2	20.3	30.0	0.0	0.0	0.0
07	96.0	72.8	84.4	2.6	2.0	2.1	911.4	849.4	756.4	601.4	446.4	384.5	0.0	0.0	0.0	0.0	5.7	29.1	31.0	0.0	0.0	0.0
08	97.0	72.8	84.9	3.2	2.5	2.6	926.5	864.6	771.7	616.7	461.8	400.2	0.0	0.0	0.0	0.0	9.6	27.6	31.0	0.0	0.0	0.0
09	90.5	66.0	78.3	3.4	3.0	2.8	697.4	637.5	548.1	400.9	262.0	210.6	0.0	0.1	0.7	3.5	1.8	17.2	30.0	0.0	0.0	0.0
10	80.3	55.2	67.8	2.9	3.1	2.4	408.0	352.2	273.0	157.6	71.3	47.0	12.8	19.0	32.8	72.4	0.0	3.9	30.7	0.0	0.4	0.0
11	68.8	43.9	56.3	4.3	3.6	3.6	143.6	112.3	72.4	27.5	7.3	3.8	103.0	131.7	181.8	286.9	0.0	0.0	28.5	0.0	3.9	0.0
12	60.4	36.1	48.2	3.1	2.9	2.5	46.0	32.8	18.5	5.3	0.7	0.2	255.0	303.8	382.6	524.4	0.0	0.0	25.9	0.3	10.2	0.0
Summary	78.1	54.0	66.1	3.4	3.0	2.9	5029	4508	3772	2674	1748	1428	962	1171	1530	2257	18.3	104.8	345.3	1.4	36.8	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	2.74	7.4	4.6	1.7	0.9	1.10	2.81	4.19
02	2.77	7.1	4.3	2.0	0.8	1.27	2.65	3.63
03	3.57	8.0	5.2	2.1	1.1	1.79	3.09	4.62
04	3.68	7.1	4.8	2.4	1.2	1.98	3.26	4.66
05	4.51	8.6	6.0	3.3	1.4	2.17	3.83	6.32
06	3.61	6.6	4.9	2.2	1.0	1.38	2.74	4.90
07	1.65	4.2	2.8	1.0	0.5	0.61	1.70	2.48
08	2.18	4.5	3.2	1.1	0.6	1.04	1.59	3.16
09	3.15	5.6	4.1	1.9	0.9	1.25	2.60	4.60
10	5.05	6.9	5.0	2.7	1.8	1.41	4.12	7.07
11	2.73	6.8	4.6	2.0	0.7	1.23	1.93	3.60
12	3.10	7.4	4.4	1.9	0.7	1.25	2.69	4.21
Summary	38.74	80.2	53.9	24.3	11.6	16.48	33.01	53.44

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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	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.30	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
03	0.10	0.0	0.0	0.0	0.0	0.0	0.1	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	0.20	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
Summary	0.7	0.2	0.2	0.1	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	246.3	312.0	539.7	751.8	1026.1	1222.3	1376.4	1391.7	1147.4	860.6	496.9	286.0
45	143.1	203.6	396.1	602.7	871.1	1072.3	1221.4	1236.6	997.4	706.6	360.9	173.7
50	71.1	117.9	265.2	456.4	716.2	922.3	1066.4	1081.5	847.4	554.8	240.2	94.9
55	30.0	60.2	155.1	317.1	561.7	772.3	911.4	926.5	697.4	408.0	143.6	46.0
60	10.2	24.5	73.7	192.4	409.1	622.3	756.4	771.7	548.1	273.0	72.4	18.5
Growing Degree Units for Corn (Monthly)												
50/86	170.7	205.5	338.8	488.0	697.1	835.1	910.6	908.9	763.6	565.1	317.4	188.4

Growing Degree Units (Accumulated Monthly)												
40	246	558	1098	1850	2876	4098	5475	6866	8014	8874	9371	9657
45	143	347	743	1346	2217	3289	4510	5747	6744	7451	7812	7985
50	71	189	454	911	1627	2549	3616	4697	5544	6099	6339	6434
55	30	90	245	562	1124	1896	2808	3734	4432	4840	4983	5029
60	10	35	108	301	710	1332	2089	2860	3408	3681	3754	3772
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	171	376	715	1203	1900	2735	3646	4555	5318	5883	6201	6389

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