

Summary of Monthly Normals
1981-2010
Generated on 02/28/2018

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	61.2	29.7	45.4	4.6	3.1	3.3	8	4	1	-7777	0	0	304	362	452	606	0.0	0.0	27.2	0.2	19.8	0.0
02	66.1	34.8	50.4	3.3	3.2	2.9	31	18	7	1	0	0	158	202	275	408	0.0	0.1	26.7	0.1	10.1	0.0
03	74.0	39.6	56.8	2.4	4.4	3.0	128	92	50	11	1	-7777	72	99	150	265	0.0	0.2	30.6	0.0	4.9	0.0
04	81.6	49.5	65.6	3.1	3.1	2.6	328	273	197	89	26	14	12	17	30	73	0.0	3.5	29.8	0.0	0.3	0.0
05	89.4	58.8	74.1	3.0	2.1	2.3	593	531	439	289	156	114	1	1	2	7	1.4	15.1	31.0	0.0	0.1	0.0
06	92.7	65.6	79.1	3.1	3.5	2.9	724	664	574	425	278	222	0	0	-7777	1	2.3	21.4	30.0	0.0	0.0	0.0
07	91.1	66.9	79.0	2.9	2.0	2.3	744	682	589	435	283	224	0	0	0	1	1.5	20.0	31.0	0.0	0.0	0.0
08	90.3	66.2	78.2	2.0	1.2	1.5	721	659	566	411	260	202	0	0	-7777	1	0.0	18.9	31.0	0.0	0.0	0.0
09	85.7	60.0	72.8	3.7	2.3	2.7	536	476	387	244	118	77	-7777	1	2	9	0.0	8.0	30.0	0.0	0.0	0.0
10	79.4	51.4	65.4	2.4	2.7	1.6	330	273	191	81	21	10	8	12	24	68	0.0	0.9	30.9	0.0	0.2	0.0
11	70.9	38.5	54.7	3.4	3.1	2.8	84	56	26	4	-7777	-7777	93	125	185	313	0.0	0.0	29.5	0.0	7.1	0.0
12	61.5	28.8	45.2	3.8	1.6	2.0	8	3	1	-7777	0	0	313	371	461	615	0.0	0.0	27.0	0.1	20.9	0.0
Summary	78.7	49.1	63.9	3.1	2.7	2.5	4235	3731	3028	1990	1143	863	961	1190	1581	2367	5.2	88.1	354.7	0.4	63.4	0.0

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 4140 ft. Lat: 29.4371° N Lon: -103.9582° W
Station: **BIG BEND RANCH SP, TX US USC00410764**

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1981-2010
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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	0.50	1.6	1.0	0.1	0.0	0.02	0.32	0.67
02	0.37	1.9	0.9	0.2	0.1	0.09	0.18	0.50
03	0.24	1.4	0.9	0.2	0.0	0.00	0.05	0.23
04	0.57	1.3	0.8	0.2	0.1	0.06	0.25	0.79
05	1.10	2.9	1.8	0.6	0.1	0.35	0.88	1.55
06	2.46	5.3	3.5	1.6	0.5	1.08	2.34	3.66
07	2.35	6.5	4.8	1.5	0.4	1.38	2.20	3.57
08	1.77	5.6	4.2	1.3	0.4	1.17	1.58	2.03
09	2.65	5.4	3.2	1.4	0.9	0.48	1.61	3.66
10	1.20	3.7	2.1	0.8	0.4	0.25	0.56	2.22
11	0.35	1.4	1.0	0.3	0.1	0.00	0.24	0.51
12	0.16	1.5	0.8	0.1	0.0	0.02	0.10	0.26
Summary	13.72	38.5	25.0	8.3	3.0	4.90	10.31	19.65

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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	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
02	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
03	-7777	0.1	0.0	0.0	0.0	0.0	0.1	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	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	-7777	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.4	0.4	0.2	0.0	0.0	0.0	0.3	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
40	204	300	524	767	1057	1174	1209	1186	985	787	443	196
45	100	178	377	618	902	1024	1054	1031	835	633	303	97
50	35	86	242	471	747	874	899	876	685	480	178	36
55	8	31	128	328	593	724	744	721	536	330	84	8
60	1	7	50	197	439	574	589	566	387	191	26	1
Growing Degree Units for Corn (Monthly)												
50/86	188	230	375	499	674	766	808	797	655	508	319	191

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	204	504	1028	1795	2852	4026	5235	6421	7406	8193	8636	8832
45	100	278	655	1273	2175	3199	4253	5284	6119	6752	7055	7152
50	35	121	363	834	1581	2455	3354	4230	4915	5395	5573	5609
55	8	39	167	495	1088	1812	2556	3277	3813	4143	4227	4235
60	1	8	58	255	694	1268	1857	2423	2810	3001	3027	3028
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	188	418	793	1292	1966	2732	3540	4337	4992	5500	5819	6010

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