

Starr County Weather Conditions May 2015

Date	Julian Day	Max. Temp	Min. Temp	Avg. Temp	Max. Relative Humidity	Min. Relative Humidity	Avg. Relative Humidity	Radiation	Average Wind Speed MPH	Wind Direction	Wind Gust MPH	Soil Temperature at 1 inch	Soil Temperature at 3 inches	Soil Temperature at 8 inches	Precipitation	Evapotranspiration
5/1/2015	121	83.8	58.15	70.975	90	38.11	63.0557	24.887647	5.20014	E	14.4	79.3167	77.8133	77.1619	0	0.202080432
5/2/2015	122	85.2	60.38	72.79	95	42.56	66.7895	28.032573	6.41033	SE	16.91	82.9262	80.7695	79.1381	0	0.221655525
5/3/2015	123	86.6	66.91	76.755	92.9	58.54	75.2323	19.61861	10.5712	SE	22.63	82.7455	81.75	80.7091	0	0.184400312
5/4/2015	124	82.4	72.1	77.25	89.4	61.23	75.4277	9.345742	12.4968	SE	22.63	79.8409	79.8955	80.1136	0	0.138021846
5/5/2015	125	86.5	73.6	80.05	87.1	66.38	77.3182	15.258584	12.9882	SE	22.99	83.1091	81.9636	80.5545	0	0.168957859
5/6/2015	126	85.6	75.4	80.5	87.6	66.62	78.75	14.754995	11.9259	SE	22.1	84.3045	83.3591	82.0136	0	0.160207854
5/7/2015	127	91.4	75	83.2	91.2	60.75	78.419	19.486613	10.7171	SE	19.95	88.2333	86.2048	83.6048	0	0.193686046
5/8/2015	128	93.9	76.8	85.35	89.3	54.74	72.9967	19.721608	12.2152	SE	22.45	90.3619	88.419	85.9905	0	0.223308294
5/9/2015	129	96.1	75.2	85.65	90.9	48.76	69.7495	26.246138	13.971	SE	26.21	91.9524	89.6952	87.2571	0	0.279105666
5/10/2015	130	92.1	77.2	84.65	84.8	55.92	70.6071	15.025046	13.931	SE	27.11	88.4619	87.619	86.8857	0	0.208681719
5/11/2015	131	87.7	70.8	79.25	97.5	65.28	83.0136	9.629198	9.85795	E	35.69	84.0773	84.4955	85.1909	0.83	0.115169019
5/12/2015	132	85.1	67.48	76.29	96.4	60.14	83.785	13.362426	4.36936	E	12.79	78.55	78.7591	80.0591	1.74	0.11955125
5/13/2015	133	86.6	74.7	80.65	95.2	63.04	81.4055	15.657447	9.11635	SE	22.81	80.76	80.495	80.805	0	0.153157024
5/14/2015	134	89.4	74.3	81.85	95.8	58.03	83.068	13.576167	9.4474	SE	21.38	79.9533	79.0867	79.42	0	0.140703533
5/15/2015	135	91.1	73.4	82.25	93.2	57.81	80.65	16.219329	9.1542	SE	25.32	81.18	80.665	80.505	0	0.163758978
5/16/2015	136	91.4	72.2	81.8	95.4	62.22	78.0905	22.414759	11.4072	SE	22.81	81.9	81.02	80.19	0	0.209018377
5/17/2015	137	88.3	76.7	82.5	89.7	71.4	80.4	12.15494	8.38681	SE	18.52	82.1095	81.7333	81.3143	0	0.138348453
5/18/2015	138	91.4	76.2	83.8	94.5	56.24	75.5395	23.34878	10.4247	SE	19.41	86.2667	84.9619	82.9524	0	0.225422956
5/19/2015	139	89.9	77.5	83.7	91.9	56.83	75.8114	22.713501	12.4938	SE	26.03	86.6667	85.6667	84.0286	0	0.223992948
5/20/2015	140	91.5	76.2	83.85	91.4	60.83	75.3476	20.696143	9.81371	SE	19.23	87.4809	86.3667	84.6952	0	0.209674216
5/21/2015	141	81.9	68.81	75.355	96.6	75.2	88.1571	5.512282	6.94629	E	27.11	78.6333	80.0476	82.1524	1.74	0.069790368
5/22/2015	142	89.8	72.2	81	96.7	62.41	79.2267	20.42919	7.14262	SE	17.45	82.8762	81.9714	81.2905	0	0.184781501
5/23/2015	143	88.6	76.2	82.4	93.2	60.35	79.4624	19.738352	11.9178	SE	26.75	83.7176	82.2706	81.4588	0	0.190853631
5/24/2015	144	90.2	68.3	79.25	96.3	62.46	80.909	24.288963	9.22395	SE	19.06	81.2952	80.4429	80.5286	0.35	0.201512262
5/25/2015	145	91.9	75.2	83.55	91.6	61.46	78.2214	22.647865	11.5282	SE	20.67	83.1727	82.4273	81.8409	0	0.215507908
5/26/2015	146	91.8	77.9	84.85	91	60.91	77.9289	18.268794	10.1161	SE	19.95	84.1444	83	82.1667	0	0.191680005
5/27/2015	147	92.8	76.3	84.55	93.2	53.13	73.649	25.205569	11.3195	SE	22.45	85.975	84.8	83.26	0	0.247187389
5/28/2015	148	92.8	77.3	85.05	94.5	54.16	74.8805	23.299986	11.2929	SE	22.63	86.5048	85.8381	84.281	0	0.234088217
5/29/2015	149	89.5	65.28	77.39	96.9	55.93	75.4448	25.541681	11.0236	E	24.78	83.081	82.9	82.9286	0.75	0.219447658
5/30/2015	150	91.9	66.76	79.33	97.1	53.85	80.0771	23.099388	9.12762	SE	31.04	83.7571	83.6238	83.281	2.45	0.198942257
5/31/2015	151	88.7	68.05	78.375	96.3	55.5	84.8843	18.215045	5.05129	SW	23.35	79.7	79.4429	80.4619	0.33	0.152363964

*Weather data information was obtained from Texas A&M AgriLife Extension Service Weather Station in Rio Grande City. Weather station is maintained by Dr. Juan Enciso, Assistant Professor and Extension Agriculture Engineer Specialist. Current information can be viewed at <http://southtexasweather.tamu.edu/>.

**Telecommunication for this weather station is sponsored by the Starr County Farm Bureau.

*** This brief report was compiled by Omar Montemayor, County Extension Agent-AGNR in Starr County. For more information about this report email to o-montemayor@tamu.edu or call (956) 487-2306.

**** Precipitation data may not be accurate due to the heavy rainfall that was observed this month. Sensitive instruments are not equipped to handle heavy rainfall over a short period of time. Beginning 7/1/2015 we will have improved this service to accurately collect rainfall.

