

# Daily Data

Texas AgriLife Research and Extension Center at Overton

## January 2007 :: Weather Data

Day of month	Day of Year	Max temp (F)	Min temp (F)	Avg temp (F)	Max RH (%)	Min RH (%)	Total daily solar radiation MJ/m2	Total rainfall (inches)
1	1	50.0	31.0	37.5	94	45	13.1	0
2	2	52.0	27.1	37.6	99	47	13.0	0
3	3	56.5	30.1	44.3	99	49	9.6	0.01
4	4	55.8	46.4	51.4	99	77	2.6	1.38
5	5	60.6	43.3	51.5	99	72	4.5	0
6	6	60.8	43.3	50.9	100	62	11.0	0.08
7	7	57.4	42.9	50.5	99	40	12.7	0.39
8	8	58.9	29.3	43.3	95	18	13.5	0
9	9	62.8	35.4	47.5	79	15	13.4	0
10	10	64.0	30.1	47.4	90	26	13.6	0
11	11	67.2	45.8	58.3	96	63	7.2	0
12	12	71.3	63.5	67.1	90	72	4.5	0
13	13	67.8	37.9	50.9	99	91	1.4	2.40
14	14	47.7	34.8	39.7	100	99	2.3	1.99
15	15	34.4	26.0	30.0	98	91	1.7	0.95
16	16	27.5	25.4	26.5	93	82	2.3	0
17	17	31.4	27.8	29.9	97	83	2.1	0
18	18	38.9	31.3	35.1	98	89	2.8	0.09
19	19	41.2	35.5	37.9	95	63	3.0	0.07
20	20	44.8	35.4	40.0	98	60	2.5	0.53
21	21	61.8	36.1	46.0	100	39	13.7	0
22	22	46.5	34.4	39.7	92	54	10.1	0
23	23	44.3	30.9	38.5	91	56	6.9	0
24	24	50.8	37.8	42.7	87	53	5.4	0
25	25	60.9	33.8	45.7	98	32	15.0	0
26	26	62.0	29.3	46.0	97	34	15.2	0
27	27	59.6	41.6	50.3	89	57	4.8	0.04
28	28	42.7	25.6	34.8	82	30	15.4	0
29	29	46.5	24.2	36.6	88	39	7.6	0
30	30	53.0	33.6	42.7	94	35	8.7	0
31	31	37.6	26.8	33.5	91	45	4.3	0.02



**March 2007 :: Weather Data**

Day of month	Day of Year	Max temp (F)	Min temp (F)	Avg temp (F)	Max RH (%)	Min RH (%)	Total daily solar radiation MJ/m2	Total rainfall (inches)
1	60	69.2	41.6	60.0	89	27	16.9	0.19
2	61	63.6	35.9	48.9	82	17	18.0	0
3	62	54.8	33.2	44.8	71	25	20.4	0
4	63	54.5	29.9	41.0	67	17	22.1	0
5	64	67.0	30.9	49.5	88	15	21.4	0
6	65	69.4	38.6	54.6	65	20	18.9	0
7	66	72.4	39.4	56.6	98	28	20.5	0
8	67	75.3	49.8	61.3	95	30	19.7	0
9	68	75.8	51.3	62.9	92	36	18.2	0
10	69	81.3	56.7	67.8	100	34	19.5	0
11	70	78.6	55.7	67.5	97	39	16.0	0
12	71	68.0	60.9	63.9	98	87	3.0	0.17
13	72	75.0	59.3	64.3	100	61	10.1	0.29
14	73	70.3	55.4	61.3	100	68	10.1	0.03
15	74	77.7	52.3	64.0	100	45	19.6	0
16	75	67.7	45.6	59.5	86	30	17.4	0
17	76	70.3	36.1	54.9	98	29	21.1	0
18	77	73.1	54.9	63.8	81	55	15.6	0
19	78	75.1	62.3	67.3	88	50	10.9	0
20	79	77.5	58.3	67.7	99	45	16.9	0
21	80	78.1	63.3	70.0	91	54	10.2	0
22	81	78.3	58.2	67.5	99	50	13.3	0
23	82	77.1	61.1	68.8	98	54	12.3	0
24	83	79.5	59.2	69.9	98	57	13.7	0
25	84	76.8	64.4	69.8	99	63	9.6	0
26	85	76.4	63.4	69.5	96	50	13.0	0
27	86	79.9	58.6	68.1	100	56	14.9	1.04
28	87	81.7	66.7	72.7	93	52	16.2	0
29	88	81.2	66.0	72.6	96	49	17.0	0
30	89	71.0	63.1	68.8	100	69	7.7	0
31	90	71.4	54.4	64.4	99	48	16.0	0.61



## May 2007 :: Weather Data

Day of month	Day of Year	Max temp (F)	Min temp (F)	Avg temp (F)	Max RH (%)	Min RH (%)	Total daily solar radiation MJ/m2	Total rainfall (inches)
1	121	72.1	63.5	65.9	99	85	5.7	0.49
2	122	77.0	62.6	69.6	99	76	9.3	0.30
3	123	68.0	61.9	63.6	100	86	4.5	1.25
4	124	85.3	63.5	73.5	100	62	16.8	0
5	125	84.8	71.4	77.8	95	61	16.6	0
6	126	87.7	73.7	79.5	89	51	23.7	0
7	127	86.2	71.8	78.1	96	57	21.6	0
8	128	84.4	66.4	74.8	98	55	19.4	0
9	129	82.5	64.7	69.7	99	64	11.4	0.42
10	130	80.4	64.0	70.1	100	43	16.1	0.06
11	131	80.9	62.4	70.4	100	50	17.7	0
12	132	85.4	61.6	71.9	100	42	22.5	1.91
13	133	85.4	62.7	73.9	100	47	23.7	0
14	134	87.8	65.2	75.9	99	42	22.9	0
15	135	86.8	66.1	76.3	98	47	25.2	0.01
16	136	73.9	57.5	66.8	98	48	17.1	0.03
17	137	76.3	51.7	64.4	100	33	27.3	0
18	138	75.8	53.4	64.8	95	36	26.7	0
19	139	75.8	50.4	64.2	98	35	26.2	0
20	140	80.8	53.3	67.6	100	40	24.9	0
21	141	77.7	60.8	68.6	96	67	11.1	0.29
22	142	70.2	65.2	67.6	98	88	5.9	0.60
23	143	85.8	64.1	73.6	100	57	19.6	0.07
24	144	82.8	67.6	73.6	98	60	17.2	0.05
25	145	81.8	66.0	72.4	99	47	18.5	0.03
26	146	79.9	67.7	72.4	93	57	16.2	0.01
27	147	79.9	67.3	71.6	98	70	16.4	0.22
28	148	80.0	66.8	72.2	100	61	15.8	0.01
29	149	79.4	66.2	69.7	99	76	11.5	0.55
30	150	78.9	64.2	69.0	100	73	9.9	0.57
31	151	85.9	64.2	74.7	100	52	23.2	0



## July 2007:: Weather Data

Day of month	Day of Year	Max temp (F)	Min temp (F)	Avg temp (F)	Max RH (%)	Min RH (%)	Total daily solar radiation MJ/m2	Total rainfall (inches)
1	182	86.4	72.6	76.5	98	66	14.3	0.09
2	183	84.8	71.7	77.7	99	62	18.4	0.02
3	184	82.7	73.5	76.6	97	72	12.1	0.06
4	185	79.7	71.1	73.7	99	79	9.2	0.05
5	186	78.0	70.9	74.5	99	84	7.5	1.48
6	187	78.2	69.7	73.6	99	76	10.5	3.42
7	188	89.0	67.9	78.3	99	55	24.4	0
8	189	82.7	72.1	77.0	98	70	14.8	0
9	190	89.2	75.7	81.6	96	58	20.9	0
10	191	87.5	76.3	81.8	94	61	19.1	0
11	192	91.1	75.6	81.9	95	49	25.4	0
12	193	90.8	71.7	81.6	98	50	24.9	0
13	194	86.8	71.0	77.3	99	67	13.2	0.29
14	195	81.5	70.5	74.7	99	71	14.7	1.23
15	196	88.9	68.1	77.6	99	52	24.6	0
16	197	89.0	70.2	79.5	99	53	24.0	0
17	198	89.6	70.0	78.5	98	55	22.3	0
18	199	89.6	69.9	79.3	98	49	25.9	0
19	200	88.0	70.7	75.7	99	64	13.1	0.05
20	201	85.9	69.8	75.6	99	67	12.6	0.53
21	202	89.9	69.0	79.2	99	48	25.5	0
22	203	87.1	72.1	79.5	97	54	24.2	0
23	204	82.5	64.2	73.3	99	50	22.9	0
24	205	84.9	61.7	73.6	99	44	24.2	0
25	206	87.5	64.0	76.4	99	44	25.3	0
26	207	87.6	68.4	75.6	98	60	13.6	0.14
27	208	86.1	71.5	76.7	99	62	16.9	0.09
28	209	84.1	71.3	76.7	99	68	13.2	0.25
29	210	89.4	73.0	79.8	98	57	18.1	0
30	211	88.0	75.5	80.9	95	66	16.7	0
31	212	82.1	72.1	76.8	98	80	9.3	0.28

**August 2007 :: Weather Data**

Day of month	Day of Year	Max temp (F)	Min temp (F)	Avg temp (F)	Max RH (%)	Min RH (%)	Total daily solar radiation MJ/m2	Total rainfall (inches)
1	213	87.7	72.7	76.5	99	70	14.9	2.39
2	214	89.0	70.0	76.9	99	62	18.1	0.99
3	215	91.9	71.0	81.2	99	54	22.9	0
4	216	92.0	72.5	82.2	98	50	25.0	0
5	217	90.2	74.2	81.7	97	58	20.5	0
6	218	90.5	75.8	82.4	95	56	22.7	0
7	219	90.9	75.0	82.3	96	55	21.6	0
8	220	91.0	73.2	81.4	95	57	20.7	0
9	221	93.6	73.1	82.2	95	36	25.4	0
10	222	94.6	69.6	81.7	98	42	25.1	0.01
11	223	97.1	72.6	84.5	97	44	24.3	0
12	224	97.2	74.7	85.5	97	42	23.3	0
13	225	98.3	74.7	85.1	97	32	21.7	0
14	226	98.8	72.2	84.4	98	36	23.7	0
15	227	98.0	74.9	85.5	96	33	21.7	0
16	228	92.0	72.5	80.6	98	56	17.3	0.23
17	229	90.3	75.0	80.5	98	56	15.8	0
18	230	91.8	74.3	81.5	98	56	18.5	0
19	231	91.1	76.0	82.4	98	51	21.4	0
20	232	91.0	74.6	81.8	97	48	22.0	0
21	233	92.4	70.8	81.9	98	50	23.8	0
22	234	91.5	73.4	82.3	98	53	18.3	0
23	235	93.1	75.4	82.9	98	51	18.2	0
24	236	92.8	73.0	82.2	98	44	23.7	0
25	237	92.9	73.9	82.7	96	44	22.8	0
26	238	95.6	70.6	82.0	98	33	23.6	0
27	239	95.4	70.0	82.3	97	36	22.0	0
28	240	91.6	70.7	80.1	99	48	19.9	0.97
29	241	90.6	72.3	78.5	99	53	17.3	0.77
30	242	88.5	70.1	77.8	100	49	18.0	0.04
31	243	87.3	71.1	76.6	99	59	13.5	1.12





## October 2007 :: Weather Data

Day of month	Day of Year	Max temp (F)	Min temp (F)	Avg temp (F)	Max RH (%)	Min RH (%)	Total daily solar radiation MJ/m2	Total rainfall (inches)
1	275	88.5	73.2	78.3	98	51	11.6	0
2	276	88.5	72.0	78.5	97	50	14.7	0
3	277	85.3	65.9	75.5	98	48	13.8	0
4	278	89.0	62.7	75.4	100	43	18.0	0
5	279	85.8	68.3	76.4	99	63	10.1	0
6	280	86.3	73.9	77.6	97	64	8.2	0.09
7	281	89.5	70.1	79.0	99	51	15.1	0
8	282	87.9	68.6	77.2	99	49	12.1	0
9	283	83.3	65.5	74.0	99	56	13.7	0
10	284	83.3	55.8	68.3	100	29	18.7	0
11	285	84.0 *	54.0 *	67.0 *	90 *	31 *	NA *	0 *
12	286	81.0 *	51.1 *	64.8 *	89 *	29 *	NA *	0 *
13	287	82.0 *	53.1 *	67.9 *	80 *	28 *	NA *	0 *
14	288	84.9 *	53.1 *	71.0 *	86 *	36 *	NA *	0 *
15	289	73.9 *	62.1 *	65.9 *	94 *	66 *	NA *	2.20 *
16	290	76.2*	62.1*	65.9*	94*	66*	NA *	0.02
17	291	83.9	67.0	74.5	99	59	8.6	0
18	292	85.4	57.3	74.0	95	20	16.9	0
19	293	79.3	50.0	62.7	87	19	18.2	0
20	294	84.8	50.5	67.6	92	25	17.8	0
21	295	85.3	59.5	72.0	90	42	17.4	0
22	296	68.8	50.1	57.5	99	81	2.4	0.68
23	297	63.4	46.8	53.5	89	29	13.6	0.02
24	298	67.6	47.7	56.9	75	28	17.6	0
25	299	65.0	42.3	51.8	90	25	17.9	0
26	300	68.1	36.5	51.1	100	29	17.4	0
27	301	69.2	41.7	53.8	100	43	16.7	0
28	302	71.2	44.0	55.9	100	39	16.2	0
29	303	69.4	42.6	53.9	100	31	16.1	0
30	304	75.0	40.5	56.2	100	38	16.0	0
31	305	77.6	48.3	61.9	99	53	14.9	0



## December 2007 :: Weather Data

Day of month	Day of Year	Max temp (F)	Min temp (F)	Avg temp (F)	Max RH (%)	Min RH (%)	Total daily solar radiation MJ/m2	Total rainfall (inches)
1	335	72.6	51.4	63.7	93	51	9.1	0
2	336	76.3	45.6	66.6	97	29	4.6	0.08
3	337	55.6	31.6	41.2	85	24	13.8	0
4	338	63.8	28.2	45.7	98	22	13.0	0
5	339	74.4	43.8	56.7	74	22	12.6	0
6	340	60.8	39.2	50.2	86	45	12.0	0
7	341	74.9	57.6	66.4	94	69	5.2	0
8	342	78.9	66.5	71.8	99	62	5.3	0
9	343	76.5	44.4	64.1	97	60	5.9	0.01
10	344	60.7	41.6	49.5	100	75	4.4	0
11	345	79.0	54.1	69.0	90	60	4.4	0.23
12	346	59.6	41.1	45.8	100	96	1.5	0.37
13	347	54.5	39.6	43.9	100	71	7.0	0
14	348	50.9	44.9	47.9	100	87	1.8	0
15	349	54.6	34.1	43.8	100	67	5.0	0.65
16	350	49.3	27.6	35.5	88	28	13.1	0
17	351	53.9	26.4	39.4	97	25	11.0	0
18	352	68.7	40.9	54.0	98	54	10.1	0
19	353	68.0	52.7	60.4	100	77	5.0	0.01
20	354	71.1	47.4	63.0	96	29	12.2	0.01
21	355	69.9	39.1	55.3	100	33	10.5	0
22	356	69.6	32.6	53.8	98	25	10.8	0.08
23	357	50.5	22.4	34.6	92	23	13.5	0
24	358	59.2	22.2	38.9	95	13	13.0	0
25	359	59.8	28.1	43.2	96	20	13.0	0
26	360	41.8	31.5	38.7	100	71	1.2	1.22
27	361	44.4	37.6	40.7	98	79	3.2	0
28	362	53.2	34.5	43.6	100	49	11.6	0.08
29	363	54.4	27.4	38.9	100	32	12.4	0
30	364	62.9	33.6	45.7	96	21	12.6	0
31	365	63.4	38.5	49.1	66	25	12.6	0

Weather data are collected at the Texas A&M University Agricultural Research and Extension Station at Overton, and may not reflect weather for other areas of east Texas. These are not "official" records, nor should they be used for insurance purposes, but are provided for your information.