

**USDA-ARS-Knipling-Bushland US Livestock Insects Laboratory, Kerrville, TX**

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2007	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Jan	30.31	59	27	35	---	0.00	28	clear	
02-Jan	30.32	60	26	33	---	0.00	26	PC	
03-Jan	30.21	54	33	45	44	0.00	37	cldy;RF 11 AM-midnight;Thunder	
04-Jan	29.96	46	41	43	---	1.48	88	patchy fog	
05-Jan	29.80	64	35	39	---	0.00	46	PC	
06-Jan	30.07	81	39	42	41	T	19	cldy;lt. fog/mist 7-8 AM;occas. drizzle/lt. RF thru 8 PM	
07-Jan	30.17	43	33	37	---	0.08	96	PC	
08-Jan	30.34	58	22	26	---	0.00	25	PC	
09-Jan	30.46	65	26	40	27	0.00	21	PC	
10-Jan	30.35	64	27	29	---	0.00	27	PC	
11-Jan	30.10	63	29	57	54	0.00	36	cldy	
12-Jan	30.08	65	57	62	61	T	81	lt. drizzle early AM;occas. drizzle/RF 2 PM-midnight	
13-Jan	30.05	67	62	65	64	0.08	98	fog;occas. drizzle/lt. RF midnight-midnight *	
14-Jan	30.01	65	35	37	---	0.05	98	fog;occas. drizzle/lt. RF midnight-midnight	
15-Jan	30.31	43	26	26	---	T	96	occas. freezing drizzle/RF 5 PM-9 PM	
16-Jan	30.52	29	24	24	---	0.10	79	frz RF/sleet 3-10A;snow 10A-1P;frz RF/sleet-midnight **	
17-Jan	30.45	28	24	27	26	0.54	96	freezing drizzle/RF/sleet midnight-11 AM ***	
18-Jan	30.31	32	30	31	---	T	96	PC	
19-Jan	30.38	51	31	37	37	0.00	93	cldy;hazy;occas. mist/lt. drizzle 11 AM-midnight	
20-Jan	31.13	40	35	35	---	0.17	90	cldy;occas dirzzle/ lt. RF midnight-8 PM	
21-Jan	29.97	42	30	31	---	0.09	96	lt. fog	
22-Jan	30.18	67	31	33	---	0.00	41	MC;lt. haze	
23-Jan	30.19	46	33	36	36	T	56	cldy;occas. drizzle/lt. RF 7 AM-midnight	
24-Jan	30.28	42	36	38	37	0.41	84	cldy;lt/moderate RF midnight-5 PM	
25-Jan	30.39	42	27	30	---	0.27	96	patchy lt. fog	
26-Jan	30.21	62	27	33	---	0.00	31	clear	
27-Jan	29.97	58	33	46	46	T	38	lt. fog/mist midnight-6 AM	
28-Jan	30.33	64	29	32	---	0.00	36	PC	
29-Jan	30.26	56	29	33	---	0.00	34	MC	
30-Jan	30.17	50	33	44	43	T	50	PC;occas.lt. drizzle/mist midnight-6:30 AM	
31-Jan	30.07	58	36	37	---	T	48	cldy;occas. drizzle/lt. RF 5:30 AM-7:00 AM	

January Totals and Averages

Max. Temp.	81 °
Min. Temp.	22 °
Avg. High	53.7 °
Avg. Low	32.5 °
Avg. Temp	43.1 °
Total RF	3.27 "
Avg. RF (30 YR)	1.49 "
Low RH	19 %
Avg. Low RH	60.8 %
Avg. Soil Temp	45.6 °
Year To Date RF	3.27 "
Avg. RF (30 YR)	1.49 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.

\* 1/13/07; temp. dropped into 40's by 9 AM  
 \*\* 1/16/07; 0.5 in. sleet; 1.0 in. snow  
 \*\*\* 1/17/07; 0.3 in. sleet

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		COMMENTS
2007	8 AM	HI	LO	8AM	ONL	FALL	RH		
01-Feb	29.79	57	37	44	40	0.04	55	cldy;fog;drizzle/lt. RF 4:00 AM-11:00 AM	
02-Feb	30.05	61	37	37	---	T	47	cldy;lt. fog/haze	
03-Feb	30.32	47	25	29	---	0.00	56	PC	
04-Feb	30.32	56	26	30	---	0.00	36	clear	
05-Feb	30.40	69	30	46	37	0.00	27	patchy fog	
06-Feb	30.33	68	38	45	---	0.00	36	dense fog	
07-Feb	30.14	70	45	56	50	0.00	42	MC;lt. fog	
08-Feb	30.15	78	48	48	---	0.01	32	fog;lt. drizzle 3 AM-Noon;temp. to 43 deg. by 10 AM	
09-Feb	30.19	50	43	44	---	0.01	76	dense fog;mist 2 AM-10 AM	
10-Feb	30.29	47	34	35	---	T	96	fog;mist midnight-10 AM	
11-Feb	30.17	48	35	42	41	0.01	69	fog;mist 5 AM-midnight	
12-Feb	29.92	53	42	53	50	0.04	98	fog;mist/lt. drizzle midnight-10 AM;PM Max. 50 degrees	
13-Feb	29.97	76	40	42	---	T	29	MC	
14-Feb	30.19	56	29	30	---	0.00	40	cldy	
15-Feb	30.30	46	25	26	---	0.00	44	MC	
16-Feb	30.28	45	17	23	---	0.00	43	clear	
17-Feb	30.25	58	23	46	34	0.00	27	PC	
18-Feb	30.47	63	23	28	---	0.00	22	clear	
19-Feb	30.05	65	28	49	43	0.00	20	MC	
20-Feb	29.94	74	49	55	54	0.00	35	MC	
21-Feb	30.09	70	40	47	---	0.00	36	clear	
22-Feb	30.02	81	34	44	---	0.00	12	clear	
23-Feb	30.00	80	44	60	59	0.00	34	MC;lt. fog/haze	
24-Feb	29.71	66	60	64	63	0.00	96	cldy	
25-Feb	30.04	70	30	44	---	0.00	6	clear	
26-Feb	29.86	73	41	52	---	0.00	15	PC	
27-Feb	29.90	86	38	46	---	0.00	10	PC	
28-Feb	29.79	80	46	62	61	T	32	cldy'occas. mist/lt. drizzle 2 AM-8 AM	

February Totals and Averages

Max. Temp.	86 °
Min. Temp.	17 °
Avg. High	64.0 °
Avg. Low	36.0 °
Avg. Temp	50.0 °
Total RF	0.11 "
Avg. RF (30 YR)	1.93 "
Low RH	6 %
Avg. Low RH	41.8 %
Avg. Soil Temp	52.0 °
Year To Date RF	3.38 "
Avg. RF (30 YR)	3.42 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.

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DATE	B. P.	--TEMPERATURES--			RAIN	LOW			COMMENTS
2007	8 AM	HI	LO	8AM	ONL	FALL	RH		
01-Mar	29.78	74	49	53	---	0.00	65	PC;34 degrees by midnight	
02-Mar	29.95	67	26	34	---	0.00	10	PC	
03-Mar	30.16	73	34	42	---	0.00	10	PC	
04-Mar	30.52	58	23	30	---	0.00	22	clear	
05-Mar	30.50	62	21	33	---	0.00	16	clear	
06-Mar	30.36	71	29	37	---	0.00	13	PC	
07-Mar	30.19	69	37	50	44	0.00	23	PC	
08-Mar	30.15	76	44	54	46	0.00	35	PC	
09-Mar	30.08	76	52	59	---	0.00	34	cldy;hazy	
10-Mar	30.14	80	48	58	---	0.00	43	cldy;dense fog	
11-Mar	30.08	81	56	62	---	0.00	41	cldy;lt. RF 11 AM-2 PM then T-Storms through midnight	
12-Mar	30.07	64	48	55	---	2.86	95	cldy;T-Storms midnight-2 AM	
13-Mar	30.13	74	55	60	60	0.05	54	cldy;fog;lt. RF 1:30-2:00 AM;occas. Rf/T-Storms 1-6 PM	
14-Mar	29.91	65	56	57	---	0.67	96	cldy	
15-Mar	29.97	77	55	55	---	0.00	52	cldy;lt. fog	
16-Mar	30.26	83	55	56	---	0.00	39	cldy	
17-Mar	30.24	67	43	51	---	0.00	49	cldy	
18-Mar	30.07	74	51	59	58	0.00	45	cldy;fog	
19-Mar	30.01	70	59	62	62	0.01	79	cldy;drizzle 6 AM-11 AM	
20-Mar	30.14	74	62	64	---	0.02	60	cldy;drizzle 6-9 AM;11:30 AM-5 PM	
21-Mar	30.08	69	64	65	---	0.03	96	cldy;lt. fog	
22-Mar	30.07	76	64	65	---	T	64	cldy;lt. RF 7 AM;occas. drizzle 1-3 PM	
23-Mar	30.02	70	64	65	---	T	90	cldy;occas. drizzle/lt. RF 10:30 AM-2 PM	
24-Mar	30.07	73	63	64	---	T	77	cldy	
25-Mar	30.16	75	63	63	---	0.00	63	occas. drizzle/lt. RF 8:30 AM-1 PM;T-Storms 6-10 PM	
26-Mar	29.98	70	63	64	---	0.60	77	occas. drizzle/lt. RF 5-10 AM;T-Storms 10 AM-4 PM	
27-Mar	29.98	65	56	59	---	3.00	98	cldy;fog/mist	
28-Mar	29.95	79	59	63	62	T	60	MC	
29-Mar	29.92	78	63	68	67	0.00	58	cldy;drizzle 10 AM;lt.-moderate RF Noon-midnight	
30-Mar	30.00	71	61	67	---	0.23	98	drizzle/lt. RF midnight-10 AM;occ. T-Storms thru midnight	
31-Mar	29.96	67	50	52	---	2.18	98	occas. lt. RF midnight-3 AM;then PC	

March Totals and Averages

Max. Temp.	83 °
Min. Temp.	21 °
Avg. High	71.9 °
Avg. Low	50.7 °
Avg. Temp	61.3 °
Total RF	9.65 "
Avg. RF (30 YR)	2.23 "
Low RH	10 %
Avg. Low RH	56.8 %
Avg. Soil Temp	62.4 °
Year To Date RF	13.03 "
Avg. RF (30 YR)	5.65 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.

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DATE	B. P.	--TEMPERATURES--			RAIN	LOW			
2007	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Apr	29.99	74	43	48	---	0.00	26	clear	
02-Apr	30.00	84	48	66	64	T	26	cldy;fog;mist 3-7 AM	
03-Apr	29.99	81	65	66	---	T	60	cldy;lt. fog;mist 4-8 AM	
04-Apr	30.08	87	61	61	---	0.00	52	MC	
05-Apr	30.22	69	49	53	---	0.00	47	cldy	
06-Apr	30.16	75	48	51	---	0.00	31	PC	
07-Apr	30.28	67	34	34	---	T	44	drizzle/lt. RF/freezing drizzle/sleet/snow 4 AM-midnight *	
08-Apr	30.23	34	30	33	---	0.75	98	drizzle/lt. RF/freezing drizzle/sleet/snow midnight-2 AM	
09-Apr	30.05	44	33	43	41	0.00	90	cldy	
10-Apr	29.78	55	43	53	52	0.02	92	dense fog;occas. drizzle midnight-9 AM	
11-Apr	29.82	82	52	55	---	T	32	PC	
12-Apr	29.93	80	44	52	---	0.00	16	clear	
13-Apr	29.97	79	52	67	67	T	28	occas. drizzle/lt. RF 6-9 AM;T-Storms 7:30-11 PM	
14-Apr	30.00	84	47	48	---	0.71	47	MC	
15-Apr	30.22	61	32	38	---	0.00	40	clear	
16-Apr	30.12	73	38	49	43	0.00	24	PC	
17-Apr	29.90	68	49	58	57	T	48	fog;lt. drizzle 6:00 AM-noon;49 deg. by midnight	
18-Apr	29.93	78	44	52	---	0.04	25	PC	
19-Apr	29.92	80	52	54	---	0.00	33	PC;lt. haze	
20-Apr	30.00	80	54	59	58	0.00	36	PC;lt. haze	
21-Apr	30.02	79	59	63	61	0.00	40	cldy	
22-Apr	30.02	75	63	65	---	0.00	60	cldy;lt. fog;occas. drizzle/lt. RF 8 AM-1 PM	
23-Apr	30.03	70	65	66	---	0.03	96	cldy;lt. fog;occas drizzle midnight-11 AM	
24-Apr	29.92	76	66	69	67	0.02	83	cldy;lt. fog;occas. drizzle /lt. RF1 AM-midnight;Thunder	
25-Apr	29.90	71	54	60	---	0.14	98	PC;lt. RF midnight-1 AM	
26-Apr	30.04	80	44	55	---	0.00	22	clear	
27-Apr	30.02	83	55	62	60	0.00	29	MC	
28-Apr	30.18	79	60	64	---	0.00	33	MC	
29-Apr	30.21	82	64	67	66	0.00	47	cldy	
30-Apr	30.09	79	59	60	---	0.71	68	cldy;T-Storms 4-5 AM;9-11 AM;then occas. RF to 3 PM	

April Totals and Averages

Max. Temp.	87 °	NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.  * 4-7-2007;PM max temp 34 deg.;31 deg. by noon * 4-7-2007;Trace of sleet/snow;little or no accumulation  * 0.67 inches RF recorded on 5-1-2007 actually occurred after 8:00 AM 4-30-2007
Min. Temp.	30 °	
Avg. High	73.6 °	
Avg. Low	50.2 °	
Avg. Temp	61.9 °	
Total RF	2.42 "	
Avg. RF (30 YR)	2.19 "	
Low RH	16 %	
Avg. Low RH	49.0 %	
Avg. Soil Temp	64.5 °	
Year To Date RF	15.45 "	
Avg. RF (30 YR)	7.84 "	

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		COMMENTS
2007	8 AM	HI	LO	8AM	ONL	FALL	RH		
01-May	29.90	72	59	69	68	0.67	83	cldy;drizzle 1-2 AM;T-Storms 9-10 PM	
02-May	29.85	82	58	62	---	0.58	78	cldy;fog;drizzle 9 AM-2 PM;T-Storms 7-9 PM	
03-May	29.85	73	60	64	---	0.32	98	cldy;fog	
04-May	29.86	82	64	70	70	T	66	cldy;fog;lt. drizzle 7 AM-9AM	
05-May	29.74	83	70	72	---	T	75	cldy;lt. fog;occas. drizzle 6-9 AM	
06-May	29.78	78	72	73	73	T	93	cldy;lt. fog;occas. drizzle/lt. RF 9 AM-8 PM	
07-May	29.98	75	69	70	---	0.02	98	cldy;lt. RF 11 PM-midnight;Thunder	
08-May	30.05	80	63	64	---	0.09	50	cldy;lt. RF midnight-1:30 AM;Thunder	
09-May	30.04	83	64	67	66	0.00	47	cldy;T-Storms 8-10:30 PM	
10-May	29.97	80	57	60	---	0.57	57	cldy;dense fog	
11-May	30.02	78	54	61	---	0.00	50	clear	
12-May	30.12	82	55	60	---	0.00	43	clear	
13-May	30.15	84	57	63	---	0.00	38	lt. fog	
14-May	30.12	88	59	66	---	0.00	32	lt. fog	
15-May	30.07	86	60	65	---	0.00	38	PC;lt. haze	
16-May	30.13	87	62	64	---	0.48	34	MC;T-Storms 1-2 AM	
17-May	30.20	80	57	60	---	0.00	55	MC	
18-May	30.20	75	58	64	---	0.00	47	PC	
19-May	30.20	76	58	63	---	0.00	40	MC	
20-May	30.11	76	62	64	---	0.00	46	MC	
21-May	30.00	75	64	66	---	0.00	50	cldy;drizzle/lt. RF 10:30 AM-Noon	
22-May	29.88	75	59	64	---	0.24	72	MC;lt. fog;T-Storms 12:30-2:30 AM;occas. lt. drizzle PM	
23-May	29.98	78	64	69	67	T	96	cldy	
24-May	30.04	84	69	70	---	T	62	cldy;drizzle/lt. RF 5-6 AM;T-Showers 4 PM-midnight	
25-May	30.10	80	61	63	---	4.33	76	T-Showers midnight-3 PM	
26-May	30.14	70	63	66	---	1.22	96	cldy;T-Storms 5-7 PM	
27-May	30.00	76	63	63	---	0.18	84	cldy;T-Storms 3-7 AM;7-10 PM	
28-May	30.01	82	61	66	---	1.10	48	cldy	
29-May	29.97	83	66	69	68	0.01	54	cldy;lt. fog/mist;lt. RF then drizzle 6-8:30 AM	
30-May	29.92	86	69	70	---	T	62	MC	
31-May	30.01	88	70	70	---	T	57	cldy;lt. fog/lt. drizzle 6-8 AM	

May Totals and Averages

Max. Temp.	88 °
Min. Temp.	54 °
Avg. High	79.9 °
Avg. Low	62.2 °
Avg. Temp	71.1 °
Total RF	9.81 "
Avg. RF (30 YR)	3.86 "
Low RH	32 %
Avg. Low RH	62.1 %
Avg. Soil Temp	72.8 °
Year To Date RF	25.26 "
Avg. RF (30 YR)	11.70 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.

\* 0.67 inches RF recorded on 5-1-2007 actually occurred after 8:00 AM 4-30-2007

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2007	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS
01-Jun	29.92	88	69	71	---	0.00	52	MC
02-Jun	29.94	85	69	70	---	0.00	56	MC
03-Jun	29.95	88	66	71	---	0.00	51	MC;T-Storms 9-11 PM
04-Jun	29.92	91	61	66	---	0.41	46	PC
05-Jun	29.95	89	64	66	---	0.00	44	PC
06-Jun	29.85	87	66	69	---	0.00	41	PC
07-Jun	29.74	87	69	74	73	0.00	65	cldy
08-Jun	29.98	89	74	76	---	0.00	62	cldy
09-Jun	30.10	90	73	76	---	0.00	55	MC
10-Jun	30.02	89	73	75	---	0.00	50	MC
11-Jun	29.99	90	69	71	---	0.00	48	MC
12-Jun	30.01	90	69	73	---	0.00	40	PC
13-Jun	29.96	91	70	72	---	0.00	35	PC
14-Jun	29.90	92	69	74	---	0.00	42	PC;T-Storms 7-10 PM;Strong winds;tree damage at lab
15-Jun	29.89	91	60	68	---	1.84	44	PC
16-Jun	29.96	84	63	65	---	1.41	53	T-Storms 1 AM-2 PM;lt. RF 10-11 PM
17-Jun	29.96	79	65	70	68	0.33	70	cldy
18-Jun	29.88	85	70	73	72	0.00	64	MC
19-Jun	30.02	90	73	75	---	0.00	67	MC
20-Jun	30.13	90	71	71	---	0.00	60	T-Storms 8-10 AM;temp. dropped to 64 deg. by 9 AM
21-Jun	30.12	77	64	72	67	0.32	84	MC
22-Jun	30.06	88	70	71	---	0.09	50	cldy;lt. fog;lt. RF 1 AM
23-Jun	30.02	84	67	68	---	0.00	69	cldy
24-Jun	29.95	85	68	72	---	0.00	62	MC
25-Jun	30.00	85	72	74	73	0.02	62	lt. RF 6:30-7:30 AM;11 PM-midnight;Thunder
26-Jun	30.03	87	72	73	---	0.14	67	lt. fog;lt. RF 2-3 AM;6-7 AM;Thunder
27-Jun	30.02	87	67	67	---	2.00	67	T-Storms 7-9 AM;lt. RF thru 11 AM;lt. RF 7-8 PM
28-Jun	29.98	80	67	72	70	0.70	80	cldy;lt. fog;lt. RF 8:15 AM-2 PM;Thunder
29-Jun	30.00	73	67	70	---	0.42	98	cldy
30-Jun	30.01	85	70	74	---	T	70	MC;lt. RF 5-6 AM;T-Showers 4-5 PM

June Totals and Averages

Max. Temp.	92 °
Min. Temp.	60 °
Avg. High	86.5 °
Avg. Low	68.2 °
Avg. Temp	77.4 °
Total RF	7.68 "
Avg. RF (30 YR)	4.01 "
Low RH	35 %
Avg. Low RH	58.5 %
Avg. Soil Temp	80.5 °
Year To Date RF	32.94 "
Avg. RF (30 YR)	15.71 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.

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DATE	B. P.	--TEMPERATURES--			RAIN	LOW		COMMENTS
2007	8 AM	HI	LO	8AM	ONL	FALL	RH	
01-Jul	30.03	89	71	73	---	T	54	MC;T-Showers 5-6 PM
02-Jul	30.01	90	71	75	---	0.02	51	MC;lt. fog;T-Showers 2-2:30 PM;4-5 PM
03-Jul	30.01	88	72	73	---	0.03	60	cldy;lt.fogT-Storms 11 AM-1 PM
04-Jul	30.00	82	67	71	---	0.09	71	MC;T-Showers 2-3 PM;7-10 PM
05-Jul	30.00	82	68	70	---	0.09	75	PC
06-Jul	30.05	85	67	72	---	T	58	PC;lt. RF 7-8 PM
07-Jul	30.08	86	70	72	---	0.01	62	cldy;fog
08-Jul	29.99	87	72	74	---	0.02	51	cldy;lt. RF 4-10 AM
09-Jul	29.98	87	74	74	---	0.01	72	cldy;lt. fog;drizzle/mist 8 AM-11 AM
10-Jul	29.95	88	74	74	---	0.01	63	cldy
11-Jul	30.12	89	72	73	---	0.00	45	MC
12-Jul	30.12	90	73	74	---	0.00	48	PC
13-Jul	30.06	90	71	72	---	0.00	54	cldy
14-Jul	30.02	92	72	73	---	0.00	46	MC;Thunder late PM
15-Jul	30.00	86	69	74	---	0.00	62	lt. fog
16-Jul	29.98	91	67	71	---	0.00	40	MC;fog/haze
17-Jul	30.01	90	71	73	---	0.00	38	lt. fog/haze;lt. RF 10:30-11 AM;T-Showers 3:45-4:30 PM
18-Jul	30.04	89	67	70	---	0.53	51	PC;T-Showers 4-5 PM
19-Jul	30.02	81	69	71	---	0.27	63	MC;lt. patchy fog;lt. RF 12:30-1 PM
20-Jul	30.01	82	71	72	---	0.04	74	drizzle 7 AM-9 AM;T-Showers 3:30 PM-6:00 PM
21-Jul	30.06	82	68	70	---	1.26	84	T-Showers 2 AM-2 PM
22-Jul	30.14	80	70	73	---	1.01	98	cldy;lt. fog
23-Jul	30.08	89	66	71	---	0.00	59	PC;lt. fog;T-Storms 9-11 PM
24-Jul	30.00	91	67	69	---	0.80	48	cldy;T-Storms 11 AM-2 PM
25-Jul	29.98	74	64	68	---	0.49	98	cldy;lt. RF 7-9 AM
26-Jul	30.00	80	68	69	---	0.24	67	lt. fog;drizzle/lt. RF 2-10AM;T-Storms 11AM-1PM;3-5PM
27-Jul	29.97	83	69	70	---	1.32	76	cldy
28-Jul	29.93	86	68	72	---	T	63	cldy;lt. fog;T-Showers 7-10 PM
29-Jul	29.92	86	68	73	---	0.62	63	cldy;lt. RF 7-10 AM (Thunder)
30-Jul	29.90	84	73	74	---	0.05	78	cldy;lt. fog;lt. drizzle 6-7 AM
31-Jul	29.97	85	71	74	---	0.00	60	PC;lt. fog

July Totals and Averages

Max. Temp.	92 °
Min. Temp.	64 °
Avg. High	85.9 °
Avg. Low	69.7 °
Avg. Temp	77.8 °
Total RF	6.91 "
Avg. RF (30 YR)	2.50 "
Low RH	38 %
Avg. Low RH	62.3 %
Avg. Soil Temp	80.4 °
Year To Date RF	39.85 "
Avg. RF (30 YR)	18.21 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.

**USDA-ARS-Knipling-Bushland US Livestock Insects Laboratory, Kerrville, TX**

DATE	B. P.	--TEMPERATURES--			RAIN	LOW		COMMENTS
2007	8 AM	HI	LO	8AM	ONL	FALL	RH	
01-Aug	29.93	90	74	76	---	0.00	53	PC;patchy lt. fog
02-Aug	29.95	92	74	75	---	0.00	52	MC;lt. fog/haze;Trace of RF 8 PM;Thunder
03-Aug	30.01	89	70	73	---	T	54	MC;fog
04-Aug	30.05	89	70	74	---	0.00	56	MC
05-Aug	30.06	90	72	74	---	0.00	47	PC
06-Aug	29.99	89	72	73	---	0.00	56	MC
07-Aug	29.97	91	73	74	---	0.00	46	MC
08-Aug	29.95	91	74	75	---	0.00	48	cldy;lt. haze
09-Aug	30.01	91	71	72	---	0.00	50	PC;lt. haze
10-Aug	30.02	91	71	74	---	0.00	43	PC;lt. haze
11-Aug	30.04	93	68	72	---	0.00	45	PC
12-Aug	30.11	94	69	73	---	0.00	48	PC;lt. haze;T-Showers in area 6-7 PM
13-Aug	30.05	93	69	71	---	0.00	50	PC
14-Aug	30.01	94	66	70	---	0.00	38	PC;lt. haze
15-Aug	29.94	94	70	72	---	0.00	40	MC;lt. haze;T-Showers in area 3-4 PM
16-Aug	29.93	92	70	73	---	T	49	cldy;haze;lt. RF 11 AM-2 PM;T-Storms through 10 PM
17-Aug	29.90	77	73	73	---	5.88	94	cldy;occas drizzle/lt. RF midnight-9 AM
18-Aug	30.02	88	73	75	---	0.01	70	cldy
19-Aug	29.96	90	73	74	---	0.00	62	MC
20-Aug	29.93	89	73	74	---	0.00	60	cldy
21-Aug	30.00	89	72	72	---	0.00	54	PC;lt. RF 11:30 AM-1:00 PM
22-Aug	30.02	88	71	73	---	0.04	56	MC;lt. fog
23-Aug	30.01	86	73	75	74	T	70	MC;drizzle 3-4 AM;lt. RF 2 PM
24-Aug	29.95	89	74	74	---	T	63	PC
25-Aug	30.00	90	71	73	---	0.00	53	PC;lt. haze
26-Aug	30.00	91	73	74	---	0.00	49	cldy;lt. haze
27-Aug	30.01	91	68	71	---	0.00	53	clear
28-Aug	30.01	90	69	72	---	0.00	50	cldy
29-Aug	30.05	90	71	74	---	0.00	51	PC;T-Showers 4-6 PM
30-Aug	30.11	90	68	71	---	0.12	51	PC;T-Storms in area 5-7 PM
31-Aug	30.03	90	68	71	---	T	52	PC;Scattered T-Storms 4-8 PM *

August Totals and Averages

Max. Temp.	94 °
Min. Temp.	66 °
Avg. High	90.0 °
Avg. Low	71.1 °
Avg. Temp	80.6 °
Total RF	6.05 "
Avg. RF (30 YR)	2.23 "
Low RH	38 %
Avg. Low RH	53.6 %
Avg. Soil Temp	80.9 °
Year To Date RF	45.90 "
Avg. RF (30 YR)	20.44 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.

\* 0.07 inches RF recorded on September 1, 2007 actually occurred after 8 AM, August 31, 2007



**USDA-ARS-Knipling-Bushland US Livestock Insects Laboratory, Kerrville, TX**

DATE	B. P.	--TEMPERATURES--			RAIN	LOW			COMMENTS
2007	8 AM	HI	LO	8AM	ONL	FALL	RH		
01-Sep	30.05	86	65	68	---	0.07	61	MC;lt. fog;Scattered T-Storms 2-6 PM *	
02-Sep	30.08	82	61	65	---	0.19	68	PC	
03-Sep	30.10	85	65	70	67	0.01	52	lt. fog;drizzle/lt. RF 7 AM-4 PM	
04-Sep	30.03	81	68	70	---	0.24	75	drizzle/lt. RF 1-11 AM;T-Showers through midnight	
05-Sep	29.89	74	70	72	72	1.90	98	fog;occas.lt. RF midnight-4 AM;occas. lt. drizzle thru noon	
06-Sep	29.93	86	72	72	---	T	73	cldy;haze	
07-Sep	29.97	88	71	73	---	0.00	58	PC;lt. haze	
08-Sep	30.00	89	73	74	74	0.00	51	MC	
09-Sep	30.02	90	73	73	---	0.00	54	MC	
10-Sep	29.99	91	70	73	---	0.00	51	MC;Scattered showers 7-8 PM	
11-Sep	30.03	91	71	71	---	T	48	MC;occas. lt. drizzle 9-11 AM then lt RF through 1 PM	
12-Sep	30.03	75	61	64	---	0.22	98	lt. fog	
13-Sep	29.97	84	58	62	---	0.00	50	lt. fog	
14-Sep	30.01	89	62	72	64	0.00	45	fog	
15-Sep	30.19	91	65	68	---	0.00	48	PC	
16-Sep	30.15	88	68	70	---	T	47	PC;lt. fog;Trace of RF midnight-1 AM	
17-Sep	30.07	87	70	70	---	0.00	46	PC;lt. haze;lt.RF 6:30-7:00 PM	
18-Sep	30.01	88	70	72	72	0.05	55	MC;lt. fog;lt. RF 7:00-7:30 AM	
19-Sep	30.03	89	72	73	---	0.00	60	MC;lt. fog	
20-Sep	30.06	88	67	72	---	0.00	47	MC	
21-Sep	29.98	87	60	64	---	0.00	52	lt. fog/haze	
22-Sep	30.01	89	63	65	---	0.00	48	lt. fog/haze	
23-Sep	30.00	90	59	64	---	0.00	44	lt. fog/haze	
24-Sep	30.03	88	64	68	---	0.00	39	PC;lt. haze	
25-Sep	30.02	89	61	65	---	0.00	47	PC;lt. fog/haze	
26-Sep	30.00	89	65	70	---	0.00	35	PC;lt. fog/haze	
27-Sep	30.00	92	66	73	---	0.00	43	PC;lt. haze	
28-Sep	30.09	93	67	69	---	0.00	39	dense fog	
29-Sep	30.07	87	67	69	---	0.00	44	cldy;lt. fog/haze;occas. lt. RF 1-6 PM	
30-Sep	30.11	84	69	72	---	0.08	66	cldy	

September Totals and Averages

Max. Temp.	93 °
Min. Temp.	58 °
Avg. High	87.0 °
Avg. Low	66.4 °
Avg. Temp	76.7 °
Total RF	2.76 "
Avg. RF (30 YR)	3.62 "
Low RH	35 %
Avg. Low RH	54.7 %
Avg. Soil Temp	76.3 °
Year To Date RF	48.66 "
Avg. RF (30 YR)	24.06 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.

\* 0.07 inches RF recorded on September 1, 2007 actually occurred after 8 AM, August 31, 2007

**USDA-ARS-Knipling-Bushland US Livestock Insects Laboratory, Kerrville, TX**

DATE	B. P.	--TEMPERATURES--			RAIN	LOW		
2007	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS
01-Oct	30.15	88	72	73	---	0.00	58	MC
02-Oct	30.08	90	70	71	---	0.00	52	MC;lt. fog/haze
03-Oct	29.95	87	67	68	---	0.00	56	PC;lt. haze
04-Oct	29.92	90	60	64	---	0.00	51	lt. haze
05-Oct	29.94	90	59	63	---	0.00	28	PC
06-Oct	29.93	89	63	66	---	0.00	49	PC;lt. fog
07-Oct	29.92	87	66	70	68	0.00	49	MC;lt. fog/haze
08-Oct	29.98	88	70	73	72	0.00	43	MC;occas. lt. RF 1-5 PM
09-Oct	30.09	87	67	70	---	0.01	59	PC;lt. fog;occas. lt. drizzle 9 AM-2 PM
10-Oct	30.09	78	60	62	---	T	82	clear
11-Oct	29.97	86	61	62	---	0.00	50	PC;lt. RF 4 PM
12-Oct	29.96	88	58	61	---	0.01	46	PC;lt. fog
13-Oct	29.93	84	61	66	---	0.00	45	PC
14-Oct	29.83	83	66	70	69	0.00	50	cldy
15-Oct	29.82	86	70	70	---	0.00	54	MC
16-Oct	29.87	87	64	66	---	0.00	45	cldy;fog
17-Oct	29.71	81	66	70	69	0.00	75	cldy;59 degrees by midnight
18-Oct	29.71	91	56	62	---	0.00	32	dense fog
19-Oct	29.95	88	43	46	---	0.00	16	clear
20-Oct	30.00	91	46	61	54	0.00	18	cldy
21-Oct	29.88	87	61	66	64	0.00	37	cldy
22-Oct	30.09	85	47	47	---	0.98	48	cldy;T-Storms 3:30-4:30 AM;occas. lt. RF through 10 AM
23-Oct	30.26	61	33	34	---	0.02	38	clear;patchy frost
24-Oct	30.22	72	34	46	41	0.00	16	clear
25-Oct	30.12	79	39	43	---	0.00	26	clear
26-Oct	30.08	72	34	36	---	0.00	22	clear
27-Oct	30.31	79	36	40	39	0.00	21	clear
28-Oct	30.47	74	38	40	---	0.00	26	clear
29-Oct	30.42	75	40	43	---	0.00	32	clear
30-Oct	30.31	76	40	42	---	0.00	34	lt. haze
31-Oct	30.11	79	42	45	---	0.00	30	lt. fog

October Totals and Averages

Max. Temp.	91 °
Min. Temp.	33 °
Avg. High	83.2 °
Avg. Low	54.5 °
Avg. Temp	68.9 °
Total RF	1.02 "
Avg. RF (30 YR)	3.64 "
Low RH	16 %
Avg. Low RH	41.5 %
Avg. Soil Temp	71.4 °
Year To Date RF	49.68 "
Avg. RF (30 YR)	27.70 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.

USDA-ARS-Knipling-Bushland US Livestock Insects Laboratory, Kerrville, TX

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2007	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Nov	30.20	81	45	49	47	0.00	37	clear	
02-Nov	30.12	75	41	44	---	0.00	40	lt. haze	
03-Nov	30.30	79	44	60	52	0.00	42	MC;lt. fog	
04-Nov	30.29	78	48	52	---	0.00	49	MC;fog	
05-Nov	30.09	80	52	64	56	0.00	48	cldy;lt. haze	
06-Nov	30.25	83	54	55	---	0.00	45	MC;breezy	
07-Nov	30.34	62	44	53	---	0.00	35	cldy	
08-Nov	30.12	61	53	61	---	0.00	44	cldy;lt. fog/haze	
09-Nov	30.05	77	56	60	---	T	56	cldy;fog/mist 4-8 AM	
10-Nov	30.07	82	60	66	---	0.05	42	MC;lt. RF 4-5 AM	
11-Nov	30.03	80	65	66	---	0.00	54	cldy	
12-Nov	30.13	78	63	66	---	0.02	56	PC;lt. RF 3-4 AM	
13-Nov	30.15	80	65	66	---	0.01	57	cldy;fog/mist 5-8 AM	
14-Nov	30.01	79	56	64	---	0.00	57	PC	
15-Nov	30.45	86	45	46	---	0.00	32	PC;37 degrees by midnight	
16-Nov	30.19	64	33	42	---	0.00	22	PC	
17-Nov	29.97	71	42	61	55	0.01	25	cldy;lt. RF 3:30 AM;8:30 AM	
18-Nov	30.04	73	57	61	---	0.03	78	cldy;fog;drizzle 2-10 AM	
19-Nov	30.14	79	61	65	---	0.01	58	cldy;fog;lt. drizzle 7-9 AM	
20-Nov	30.06	77	64	65	---	0.01	61	MC;occas. lt. RF/drizzle 4-10 AM	
21-Nov	29.93	76	65	66	---	T	66	MC;lt. haze;43 degrees by midnight	
22-Nov	30.36	85	34	36	---	0.00	34	cldy;windy	
23-Nov	30.34	45	36	38	---	0.00	59	cldy	
24-Nov	30.03	44	38	39	---	0.43	65	drizzle1-5 AM;T-Storms 5-6 AM;drizzle/lt. RF rest of day	
25-Nov	30.00	41	35	36	---	0.45	98	drizzle/lt. RF thru 1 AM;T-Storms 1-2 AM;lt. RF thru 10 AM	
26-Nov	30.13	41	27	34	---	0.04	97	lt. fog/haze;1st freeze of season	
27-Nov	30.42	65	29	34	---	0.00	28	patchy lt. fog/haze	
28-Nov	30.18	66	34	41	39	0.00	35	PC;dense fog	
29-Nov	30.32	66	36	42	---	0.00	63	patchy lt. fog	
30-Nov	30.18	71	42	56	52	T	42	cldy;fog;drizzle/lt. RF 7 AM-midnight	

November Totals and Averages

Max. Temp.	86 °
Min. Temp.	27 °
Avg. High	70.8 °
Avg. Low	47.5 °
Avg. Temp	59.2 °
Total RF	1.06 "
Avg. RF (30 YR)	2.66 "
Low RH	22 %
Avg. Low RH	50.8 %
Avg. Soil Temp	61.3 °
Year To Date RF	50.74 "
Avg. RF (30 YR)	30.36 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.

USDA-ARS-Knipling-Bushland US Livestock Insects Laboratory, Kerrville, TX

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2007	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Dec	30.03	64	56	66	63	0.07	98	fog;occas. drizzle/lt. RF midnight-2 PM	
02-Dec	30.07	67	66	66	---	0.02	98	fog;mist 3 AM-9 AM	
03-Dec	30.50	76	34	38	---	T	31	clear;31 degrees by midnight	
04-Dec	30.21	65	27	33	---	0.00	26	clear	
05-Dec	29.90	74	33	42	35	0.00	22	clear	
06-Dec	30.01	82	42	49	---	0.00	19	MC	
07-Dec	29.96	70	49	65	63	T	69	cldy;fog/mist 2-5 AM	
08-Dec	30.03	78	65	67	---	0.02	58	fog;occas.drizzle/lt. RF 2-10 AM	
09-Dec	30.05	77	67	68	---	0.01	70	cldy;drizzle 6-8 PM;40 degrees by midnight	
10-Dec	30.14	74	37	40	---	0.02	72	fog;drizzle/lt. RF midnite-2 P,then occas. drizzle;PM Max 59	
11-Dec	29.98	66	40	66	64	0.03	98	fog;occas. drizl/ lt. RF 5-9 A;lt. RF 9 P-midnite;PM Thunder	
12-Dec	30.17	76	40	40	---	0.06	84	cldy;occas. drizzle/lt. RF midnight- 7 PM;PM fog	
13-Dec	30.19	41	33	36	---	0.04	98	PC;lt. fog	
14-Dec	30.06	61	36	49	48	T	53	cldy;occas. drizzle/lt. RF 6 AM-midnight	
15-Dec	30.03	56	45	45	---	0.09	98	PC;occas. lt. drizzle through 3 AM;29 degrees by midnight	
16-Dec	30.33	49	21	26	---	0.00	43	clear	
17-Dec	30.28	56	25	30	---	0.00	18	PC	
18-Dec	30.16	53	30	44	41	0.00	33	PC;lt. fog	
19-Dec	30.11	76	36	41	---	0.00	26	PC	
20-Dec	29.98	68	40	47	---	0.00	88	clear	
21-Dec	29.91	71	30	34	---	0.00	20	PC	
22-Dec	29.91	76	34	53	48	0.00	22	MC;windy;30 degrees by midnight	
23-Dec	30.35	62	19	23	---	0.00	23	clear	
24-Dec	30.20	58	22	28	---	0.00	23	clear	
25-Dec	30.09	58	20	24	---	0.00	27	clear	
26-Dec	29.93	65	24	42	41	0.00	26	MC	
27-Dec	29.95	55	26	33	---	0.00	40	PC	
28-Dec	30.10	58	33	40	38	0.00	40	PC;29 degrees by midnight	
29-Dec	30.13	59	22	25	---	0.00	50	clear	
30-Dec	30.08	62	25	30	26	0.00	19	clear	
31-Dec	30.06	69	28	33	---	0.00	19	PC	

December Totals and Averages

Max. Temp.	82 °
Min. Temp.	19 °
Avg. High	65.2 °
Avg. Low	35.6 °
Avg. Temp	50.4 °
Total RF	0.36 "
Avg. RF (30 YR)	1.95 "
Low RH	18 %
Avg. Low RH	48.7 %
Avg. Soil Temp	53.5 °
Year To Date RF	51.10 "
Avg. RF (30 YR)	32.31 "

NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.