

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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2012	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Jan	30.48	78	33	43	41	0.00	19	PC	
02-Jan	30.67	61	34	39	---	0.00	21	PC	
03-Jan	30.52	60	23	26	---	0.00	13	clear	
04-Jan	30.23	62	26	35	32	0.00	18	clear	
05-Jan	30.32	68	35	39	---	0.00	27	PC	
06-Jan	30.08	68	38	41	---	0.00	44	cldy;dense fog	
07-Jan	30.03	71	40	43	---	0.00	43	PC	
08-Jan	30.01	69	39	42	---	0.00	28	PC;lt. RF 11:00 PM-midnight	
09-Jan	30.00	62	42	46	46	0.76	67	lt. RF midnight-4 AM;T-storms 4-7 AM;lt. RF 7-11 AM	
10-Jan	30.06	46	37	39	---	0.08	81	cldy	
11-Jan	29.98	59	30	34	---	0.00	25	clear	
12-Jan	30.24	75	32	32	---	0.00	15	MC	
13-Jan	30.29	45	26	32	---	0.00	22	PC	
14-Jan	30.35	58	22	26	---	0.00	14	clear	
15-Jan	30.29	67	26	38	---	0.00	14	PC	
16-Jan	30.12	59	38	59	58	T	77	cldy;fog;mist/lt. drizzle 4:00-11:00 AM;8:00-10:00 PM	
17-Jan	30.10	66	53	54	---	0.01	78	cldy;lt. fog;lt. mist 6:00-8:00 AM	
18-Jan	30.30	70	30	33	---	0.00	28	clear	
19-Jan	30.03	71	33	41	36	0.00	25	PC	
20-Jan	29.90	82	41	42	---	0.00	21	PC	
21-Jan	30.02	79	38	41	---	0.00	57	PC	
22-Jan	29.81	68	41	55	46	T	30	cldy;fog;occas. lt. drizzle 6:00-8:00 AM	
23-Jan	30.10	80	37	44	---	0.00	11	PC	
24-Jan	30.00	73	44	54	47	0.00	36	cldy;occas. drizzle/lt. RF 10:00 AM-midnight	
25-Jan	29.86	65	52	52	---	1.13	67	cldy;lt. RF midnight-3 AM;T-Storms 3-6 AM;lt. RF 2-3 PM	
26-Jan	30.05	56	36	37	---	T	77	PC	
27-Jan	30.05	68	31	36	---	0.00	26	clear	
28-Jan	30.37	72	36	43	41	0.00	27	PC	
29-Jan	30.44	58	27	33	---	0.00	19	clear	
30-Jan	30.29	64	33	46	36	0.00	29	PC;fog;occas. drizzle/lt. RF 4:00 PM-midnight	
31-Jan	30.17	60	46	58	56	0.07	77	cldy;occas. lt RF midnight-1:00 AM	

January Totals and Averages

Max. Temp.	82 °
Min. Temp.	22 °
Avg. High	65.8 °
Avg. Low	35.5 °
Avg. Temp	50.7 °
Total RF	2.05 "
Avg. RF (30 YR)	1.58 "
Low RH	11 %
Avg. Low RH	36.6 %

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

Year To Date RF	2.05 "
Avg. RF (30 YR)	1.58 "

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2012	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Feb	30.13	72	50	60	---	0.00	64	MC;lt.fog	
02-Feb	30.10	82	48	60	---	0.00	24	cldy;fog	
03-Feb	29.99	73	60	65	63	0.00	69	cldy	
04-Feb	30.17	71	47	47	---	T	69	cldy;T-Storms in area early AM	
05-Feb	30.34	58	38	39	---	T	47	cldy;occas. lt. RF 4:00-5:00 AM;10:00 AM-5:00 PM	
06-Feb	30.35	48	37	39	---	0.25	57	cldy;lt. RF 2:00-3:00 PM;Thunder	
07-Feb	30.20	49	31	35	---	0.04	61	PC	
08-Feb	30.46	66	35	37	---	0.00	54	cldy	
09-Feb	30.30	59	33	36	---	0.00	51	PC;lt. fog	
10-Feb	30.18	59	36	48	46	0.19	47	cldy;lt. fog;occas. RF midnight-6:00 AM	
11-Feb	30.39	60	32	33	---	0.00	36	PC	
12-Feb	30.46	50	26	28	---	0.00	34	cldy;occas. sleet/snow 9 A-1 P;drizzle/RF 10 P-midnight *	
13-Feb	30.01	39	28	39	35	0.32	36	cldy;fog;drizzle midnight-9:00 AM	
14-Feb	29.95	70	35	42	---	T	33	MC;lt. fog	
15-Feb	29.94	75	42	61	60	0.00	50	MC;lt. fog	
16-Feb	30.19	74	45	49	---	0.00	23	MC;sprinkles 9:00 AM	
17-Feb	30.05	65	45	49	---	0.42	30	fog;lt. RF midnight-2 AM;T-Storms 2-8 AM;6 PM-midnight	
18-Feb	29.84	54	49	50	---	1.02	87	cldy;T-Storms midnight-7 AM;occas. lt. RF 9 AM-3 PM	
19-Feb	30.13	54	42	46	---	0.10	72	MC	
20-Feb	30.02	63	46	51	---	0.00	59	MC	
21-Feb	30.16	66	39	43	---	0.00	72	PC;lt. fog	
22-Feb	29.96	75	43	62	59	0.00	41	PC	
23-Feb	29.71	84	47	51	---	0.00	5	PC	
24-Feb	30.13	87	45	48	---	0.00	14	PC;windy	
25-Feb	30.39	59	28	33	---	0.00	18	clear	
26-Feb	30.15	60	33	40	35	0.00	21	MC	
27-Feb	30.17	65	40	58	56	0.00	59	cldy;fog;occas. drizzle/lt. RF 8:00 AM-midnight	
28-Feb	30.06	62	58	62	60	0.06	88	cldy;fog;occas. drizzle/lt. RF midnight-11:00 AM	
29-Feb	30.04	73	62	63	---	0.02	69	cldy;fog;drizzle 4:00 AM-8:00 AM	

February Totals and Averages

Max. Temp.	87 °
Min. Temp.	26 °
Avg. High	64.6 °
Avg. Low	41.4 °
Avg. Temp	53.0 °
Total RF	2.42 "
Avg. RF (30 YR)	1.79 "
Low RH	5 %
Avg. Low RH	47.9 %

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

\* 2-12-2012 approx. 0.1 inches sleet/snow

Year To Date RF	4.47 "
Avg. RF (30 YR)	3.37 "

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2012	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Mar	30.00	75	42	51	---	0.00	19	cldy;dense fog	
02-Mar	29.83	82	51	67	64	0.00	57	MC;lt. fog	
03-Mar	30.07	80	44	48	---	0.00	17	PC	
04-Mar	30.25	64	29	38	---	0.00	17	PC	
05-Mar	30.33	72	34	47	---	0.00	17	clear	
06-Mar	30.20	73	47	56	54	0.00	23	cldy	
07-Mar	30.01	72	56	62	60	T	50	cldy;occas. drizzle 2:00-4:00 AM;9:00 AM-1:00 PM	
08-Mar	29.97	71	62	67	65	0.01	73	cldy	
09-Mar	30.34	80	36	36	---	0.21	57	cldy;T-Storms/RF 1-7 A;drizzle 11 A-2 P;RF through midnight	
10-Mar	30.22	40	36	40	39	0.60	87	cldy;drizzle/RF midnight-3 P;T-Showers 3-4 P;drizzle thru 9 P	
11-Mar	30.05	48	40	48	46	0.19	87	cldy;drizzle midnight- 5:00 AM	
12-Mar	30.09	74	37	42	---	0.00	29	clear	
13-Mar	30.12	82	42	62	62	0.00	44	cldy;fog	
14-Mar	30.09	76	62	65	---	0.00	69	cldy	
15-Mar	30.15	78	63	64	---	0.00	63	cldy	
16-Mar	30.10	80	64	65	---	0.00	61	cldy;lt. fog	
17-Mar	30.01	76	64	65	---	0.00	65	cldy	
18-Mar	29.97	78	64	66	---	0.00	61	cldy	
19-Mar	29.83	74	66	66	---	0.05	73	cldy;occas. drizzle/lt. RF 3-10 AM;T-Storms 7 PM-midnight	
20-Mar	29.84	77	49	49	---	3.10	70	cldy;T-Storms midnight-4:00 AM	
21-Mar	29.92	66	33	37	---	0.00	19	clear	
22-Mar	29.96	69	37	51	43	0.00	26	clear	
23-Mar	30.05	80	43	46	---	0.00	19	PC	
24-Mar	30.02	85	46	58	53	0.00	28	MC;lt. fog	
25-Mar	30.07	82	53	61	---	0.00	51	cldy;lt. fog	
26-Mar	30.09	83	53	59	---	0.00	28	MC;lt. fog	
27-Mar	30.01	81	58	63	---	0.00	44	cldy	
28-Mar	29.98	73	63	65	65	T	78	cldy;lt. drizzle 4:00-6:00 AM;occas. lt. RF 4:00-5:00 PM	
29-Mar	29.94	73	61	63	---	T	73	cldy	
30-Mar	29.88	83	57	59	---	0.00	58	cldy;lt. fog	
31-Mar	29.88	87	55	58	---	0.00	48	MC;lt. fog	

March Totals and Averages

Max. Temp.	87 °
Min. Temp.	29 °
Avg. High	74.6 °
Avg. Low	49.9 °
Avg. Temp	62.3 °
Total RF	4.16 "
Avg. RF (30 YR)	2.29 "
Low RH	17 %
Avg. Low RH	48.7 %

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

Year To Date RF	8.63 "
Avg. RF (30 YR)	5.66 "

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2012	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Apr	29.84	94	58	65	64	0.00	29	cldy;lt. fog	
02-Apr	29.68	89	58	63	---	0.00	43	PC	
03-Apr	29.72	85	63	68	65	0.00	37	cldy;lt. fog	
04-Apr	29.98	83	41	46	---	0.00	18	clear	
05-Apr	29.90	86	46	53	---	0.00	9	MC	
06-Apr	29.99	93	53	63	60	0.00	20	PC	
07-Apr	30.08	85	62	65	---	0.00	37	cldy;lt. fog	
08-Apr	30.28	82	62	62	---	0.00	48	MC	
09-Apr	30.19	85	62	63	---	0.00	42	cldy	
10-Apr	30.16	81	58	60	---	0.00	44	PC	
11-Apr	30.12	82	58	62	---	0.00	45	MC	
12-Apr	30.05	83	62	66	66	0.00	42	cldy	
13-Apr	29.95	83	65	66	---	0.03	51	cldy;occas. drizzle/lt. RF 4:00-8:00 AM	
14-Apr	29.88	79	66	70	68	0.00	65	cldy	
15-Apr	29.76	81	70	70	---	0.02	65	cldy;lt. fog;occas. drizzle/lt. RF 4:00-10:00 AM *	
16-Apr	30.07	83	48	56	---	0.01	20	PC	
17-Apr	30.24	76	52	57	---	0.00	19	lt. fog	
18-Apr	30.20	83	48	60	---	0.00	17	MC	
19-Apr	30.02	85	55	57	---	0.00	28	PC	
20-Apr	29.87	86	57	66	62	0.00	35	MC;occas. lt. RF 11:30 AM-1:00 PM;Thunder	
21-Apr	30.09	75	44	52	---	0.01	27	clear	
22-Apr	30.09	83	45	54	---	0.00	18	clear	
23-Apr	30.22	92	53	59	---	0.00	17	clear	
24-Apr	30.08	84	53	61	---	0.00	23	PC	
25-Apr	29.97	87	61	65	64	0.00	29	cldy	
26-Apr	29.90	94	64	66	---	0.00	24	PC	
27-Apr	29.87	96	64	65	---	0.00	19	MC	
28-Apr	29.86	90	65	68	---	0.00	26	cldy	
29-Apr	29.91	87	68	70	---	0.00	38	cldy	
30-Apr	29.99	84	70	71	---	0.00	48	cldy	

April Totals and Averages

Max. Temp.	96 °	NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.  * 4-15-2012; temp. dropped to 58 deg. by 10:00 AM
Min. Temp.	41 °	
Avg. High	85.2 °	
Avg. Low	57.7 °	
Avg. Temp	71.5 °	
Total RF	0.07 "	
Avg. RF (30 YR)	2.02 "	
Low RH	9 %	
Avg. Low RH	32.8 %	
Year To Date RF	8.70 "	
Avg. RF (30 YR)	7.68 "	

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		COMMENTS
2012	8 AM	HI	LO	8AM	ONL	FALL	RH		
01-May	29.96	86	63	67	---	0.02	43	cldy;occas. lt. RF 3:00-6:00 AM;T-Storms in area	
02-May	29.90	86	67	67	---	0.01	48	cldy;lt fog/drizzle 3:00-7:00 AM	
03-May	29.98	88	67	69	---	0.00	46	cldy	
04-May	30.01	91	68	70	---	0.03	41	cldy;occas. drizzle/lt. RF 3:00-5:00 AM	
05-May	29.95	93	70	72	---	0.00	32	cldy	
06-May	29.95	95	64	67	---	0.25	36	cldy;T-Storms midnight-5:00 AM	
07-May	29.93	91	67	72	70	0.00	41	cldy;T-Storms 8:00-10:00 PM	
08-May	30.00	94	61	62	---	0.40	41	cldy;occas. T-Showers/RF 2:00 AM-8:00 PM	
09-May	30.07	64	58	60	---	1.32	88	PC;occas. lt. RF 2:00-5:00 AM;Thunder	
10-May	29.92	78	60	65	---	0.00	59	cldy;T-Storms/RF 9:00 AM-9:00 PM	
11-May	29.89	65	54	57	---	3.09	88	cldy;lt. fog;lt. drizzle 3:00-4:00 AM	
12-May	30.14	79	56	60	---	0.00	47	PC	
13-May	30.22	75	54	63	---	0.00	47	PC	
14-May	30.15	81	57	61	---	0.00	39	cldy;T-Storms/RF 8:00 PM-midnight	
15-May	30.10	81	59	60	---	0.51	42	cldy;RF 7:00 AM-noon	
16-May	30.11	74	49	56	---	0.29	53	clear	
17-May	30.08	84	53	64	---	0.00	28	clear	
18-May	29.98	86	60	63	---	0.00	32	MC	
19-May	29.95	84	63	67	66	0.00	37	cldy	
20-May	30.07	86	67	68	---	0.00	37	MC	
21-May	30.18	85	59	67	---	0.00	37	PC	
22-May	30.08	87	57	67	---	0.00	33	clear	
23-May	29.82	88	65	67	---	0.00	31	PC	
24-May	29.70	89	67	71	70	0.00	49	cldy	
25-May	29.86	90	70	72	---	0.00	49	cldy	
26-May	30.04	91	71	73	---	0.00	41	cldy	
27-May	29.99	90	69	71	---	0.00	36	MC	
28-May	29.96	89	68	71	---	0.00	46	MC	
29-May	29.96	91	69	72	---	0.00	46	cldy	
30-May	29.91	94	70	73	---	0.00	41	PC	
31-May	29.80	91	70	72	---	0.00	44	cldy;lt. RF 1:00-2:00 PM;T-Shower 6:00-7:00 PM; small hail *	

May Totals and Averages

Max. Temp.	95 °	NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.  * 0.01" RF that fell after 8:00 AM 5-31-2012 will be recorded on 6-1-2012
Min. Temp.	49 °	
Avg. High	85.4 °	
Avg. Low	63.0 °	
Avg. Temp	74.2 °	
Total RF	5.92 "	
Avg. RF (30 YR)	3.95 "	
Low RH	28 %	
Avg. Low RH	44.5 %	
Year To Date RF	14.62 "	
Avg. RF (30 YR)	11.63 "	

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

DATE	B. P.	--TEMPERATURES--			RAIN		LOW	COMMENTS
2012	8 AM	HI	LO	8AM	ONL	FALL	RH	
01-Jun	30.07	83	64	69	---	0.01	39	PC *
02-Jun	29.98	90	69	72	---	0.00	33	cldy
03-Jun	29.96	90	72	73	---	0.00	41	cldy
04-Jun	29.90	91	71	73	---	0.00	43	MC;lt. fog/mist early AM
05-Jun	29.89	92	72	74	---	0.00	49	cldy
06-Jun	29.86	94	65	74	---	0.00	34	PC
07-Jun	29.98	96	69	73	---	0.00	28	cldy
08-Jun	29.99	84	65	68	---	0.00	48	cldy;lt. fog
09-Jun	29.90	87	63	69	---	0.00	51	cldy
10-Jun	29.83	94	69	72	---	0.00	41	cldy
11-Jun	29.92	98	72	75	74	0.00	34	MC
12-Jun	30.02	98	75	76	---	0.00	28	PC
13-Jun	30.00	95	71	74	---	0.00	38	cldy
14-Jun	29.95	94	73	74	---	0.00	36	cldy
15-Jun	29.99	92	71	73	---	0.00	41	cldy
16-Jun	30.07	93	71	74	---	0.00	34	PC
17-Jun	30.07	95	72	73	---	0.00	32	cldy;T-Showers 10:00 PM-midnight
18-Jun	29.84	94	66	71	---	0.08	34	cldy
19-Jun	29.89	90	71	74	72	0.00	43	MC
20-Jun	29.93	93	74	74	---	0.00	36	cldy;drizzle/lt. RF 9:30-10:00 AM
21-Jun	30.02	92	70	73	---	T	38	PC
22-Jun	30.02	91	65	72	---	0.00	41	PC
23-Jun	29.95	92	63	69	---	0.00	32	PC
24-Jun	30.03	94	68	72	---	0.00	26	PC
25-Jun	29.99	97	66	74	---	0.00	28	clear
26-Jun	29.90	101	65	71	---	0.00	24	clear
27-Jun	29.93	104	68	72	---	0.03	19	clear;T-Showers midnight-1:00 AM
28-Jun	30.06	102	72	75	---	0.00	22	clear
29-Jun	30.04	97	73	75	---	0.00	24	PC
30-Jun	29.97	96	73	75	---	0.00	35	PC

June Totals and Averages

Max. Temp.	104 °	NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.  * The 0.01" RF that is recorded on 6-1-2012 actually occurred after 8:00 AM on 5-31-2012
Min. Temp.	63 °	
Avg. High	93.6 °	
Avg. Low	69.3 °	
Avg. Temp	81.5 °	
Total RF	0.12 "	
Avg. RF (30 YR)	3.65 "	
Low RH	19 %	
Avg. Low RH	35.1 %	
Year To Date RF	14.74 "	
Avg. RF (30 YR)	15.28 "	

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2012	8 AM	HI	LO	8AM	ONL	FALL	RH		
01-Jul	29.99	95	69	71	---	0.00	41	MC;T-Showers/lt. RF 11 AM-noon;1:00-2:00 PM; 7:00-9:00 PM	
02-Jul	30.05	84	70	73	---	0.50	55	MC;lt. fog;occas. lt. RF 9:00-10:00 AM;11:00 AM-1:00 PM	
03-Jul	30.05	91	73	74	---	0.03	40	MC	
04-Jul	30.05	93	73	75	---	0.00	32	cldy	
05-Jul	30.03	94	69	73	---	0.01	36	MC;lt. RF 3:00-4:00 AM	
06-Jul	30.09	95	71	74	---	0.00	30	cldy	
07-Jul	30.08	97	71	75	---	0.00	28	PC	
08-Jul	30.07	97	73	74	---	0.00	25	PC	
09-Jul	30.03	95	73	74	---	0.02	34	PC;lt. RF 4-6 AM;T-Showers 2:30-4 PM;10 PM-midnight	
10-Jul	30.00	94	68	71	---	0.21	41	cldy;lt. RF midnight-1:00 AM	
11-Jul	29.97	93	69	72	---	0.00	44	PC;T-Showers 3:00-5:00 PM;6:00-7:00 PM	
12-Jul	29.99	89	68	71	---	0.27	55	MC;lt. fog	
13-Jul	30.03	92	67	70	---	0.00	36	PC	
14-Jul	30.05	96	69	72	---	0.00	34	MC;lt. fog;T-Showers 6:00-8:00 PM;10:00-11:00 PM	
15-Jul	30.07	95	66	72	---	0.76	32	MC;T-Showers 9:00-10:00 PM	
16-Jul	30.01	91	66	72	---	0.09	38	MC	
17-Jul	30.00	92	72	74	---	0.00	30	MC	
18-Jul	30.04	92	73	74	---	0.00	28	MC	
19-Jul	30.10	91	67	73	---	0.00	36	PC	
20-Jul	30.13	94	71	74	---	0.00	38	PC	
21-Jul	30.09	98	69	74	---	0.00	30	PC	
22-Jul	30.04	100	71	73	---	0.00	22	PC	
23-Jul	30.09	100	72	73	---	0.00	27	PC	
24-Jul	30.11	95	73	75	---	0.00	34	PC	
25-Jul	30.01	96	73	74	---	0.00	32	PC	
26-Jul	29.95	96	72	73	---	0.00	34	cldy	
27-Jul	30.01	95	73	75	---	0.00	36	cldy	
28-Jul	30.18	95	70	72	---	0.00	34	MC;lt. fog early AM	
29-Jul	30.15	99	69	73	---	0.00	23	clear	
30-Jul	30.05	100	72	75	---	0.00	19	PC	
31-Jul	30.06	101	73	75	---	0.00	23	PC	

July Totals and Averages

Max. Temp.	101 °
Min. Temp.	66 °
Avg. High	94.7 °
Avg. Low	70.5 °
Avg. Temp	82.6 °
Total RF	1.89 "
Avg. RF (30 YR)	2.77 "
Low RH	19 %
Avg. Low RH	33.8 %

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

Year To Date RF	16.63 "
Avg. RF (30 YR)	18.05 "

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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2012	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Aug	30.01	102	72	75	---	0.00	24	clear	
02-Aug	29.94	102	70	74	---	0.00	19	clear	
03-Aug	29.91	101	73	74	---	0.00	18	PC	
04-Aug	30.00	100	72	73	---	0.00	21	PC	
05-Aug	30.13	97	69	72	---	0.00	28	PC	
06-Aug	30.11	98	68	72	---	0.00	25	clear	
07-Aug	30.02	98	70	75	---	0.00	25	PC	
08-Aug	30.04	100	69	75	---	0.00	22	clear	
09-Aug	30.01	99	75	76	---	0.00	22	PC;occas. T-Showers 8:00-10:00 PM	
10-Aug	29.98	100	69	71	---	0.44	27	PC;T-Showers 5:00-6:00 PM	
11-Aug	30.00	102	66	70	---	0.19	24	clear	
12-Aug	30.01	100	70	75	73	0.00	24	PC	
13-Aug	30.05	101	75	76	---	0.00	24	PC;T-Showers in area PM;lt. RF 5:00-6:00 PM	
14-Aug	30.02	101	73	75	---	T	30	PC	
15-Aug	29.94	98	73	75	---	0.00	30	PC	
16-Aug	30.02	97	72	73	---	0.00	24	PC	
17-Aug	30.01	99	73	74	---	0.00	25	MC	
18-Aug	29.98	98	74	76	---	0.00	27	PC;T-Showers 5:00-7:00 PM	
19-Aug	29.98	92	69	70	---	0.43	36	MC;T-Showers midnight-2:00 AM	
20-Aug	30.02	90	63	67	---	0.00	38	PC;lt. fog early AM	
21-Aug	30.00	97	67	72	69	0.00	26	cldy;T-Showers 6:00-7:00 PM	
22-Aug	30.06	95	67	69	---	0.18	30	MC	
23-Aug	30.03	90	69	72	---	0.00	36	PC	
24-Aug	29.95	94	72	73	---	0.00	34	cldy	
25-Aug	29.95	94	72	73	---	0.00	32	cldy	
26-Aug	30.04	93	73	74	---	0.00	30	MC	
27-Aug	30.08	95	71	73	---	0.00	36	PC;occas. T-Showers 7:00-10:00 PM	
28-Aug	30.00	94	68	70	---	0.20	30	PC;T-Showers 9:00-10:00 PM	
29-Aug	29.92	92	69	71	---	0.23	34	PC	
30-Aug	29.89	93	66	69	---	0.00	17	PC	
31-Aug	29.94	96	65	69	---	0.00	23	PC	

August Totals and Averages

Max. Temp.	102 °	NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.
Min. Temp.	63 °	
Avg. High	97.0 °	
Avg. Low	70.1 °	
Avg. Temp	83.6 °	
Total RF	1.67 "	
Avg. RF (30 YR)	1.62 "	
Low RH	17 %	
Avg. Low RH	27.1 %	
Year To Date RF	18.30 "	
Avg. RF (30 YR)	19.67 "	



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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2012	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Sep	30.10	98	69	74	73	0.00	20	MC	
02-Sep	30.09	96	72	73	---	0.00	32	cldy	
03-Sep	30.05	96	70	71	---	0.00	34	PC	
04-Sep	30.00	97	71	72	---	0.00	23	cldy	
05-Sep	29.92	100	71	72	---	0.00	25	PC	
06-Sep	29.96	102	71	72	---	0.00	10	PC	
07-Sep	29.95	101	68	72	---	0.00	25	clear	
08-Sep	30.08	102	71	71	---	0.00	16	PC	
09-Sep	30.18	88	56	60	---	0.00	15	clear	
10-Sep	30.11	90	49	55	---	0.00	9	clear	
11-Sep	30.08	94	55	62	58	0.00	7	clear	
12-Sep	30.02	93	62	72	70	0.00	18	PC	
13-Sep	30.05	95	72	73	---	0.00	32	cldy;occas. T-Showers 6:00 PM-midnight	
14-Sep	30.18	94	61	61	---	1.14	38	cldy;occas. lt. RF midnight-4:00 AM;noon-2:00 PM;Thunder	
15-Sep	30.22	66	60	62	---	0.13	88	cldy	
16-Sep	30.11	79	61	62	---	1.48	57	cldy;RF 2:00 AM-3:00 PM	
17-Sep	29.95	67	61	64	---	1.02	83	cldy;lt. fog early AM	
18-Sep	30.01	84	58	63	---	0.00	45	PC	
19-Sep	30.12	83	55	58	---	0.00	39	clear	
20-Sep	30.10	87	58	67	---	0.00	32	MC;lt. fog	
21-Sep	30.03	89	53	56	---	0.00	21	clear	
22-Sep	30.11	90	53	57	---	0.00	17	clear	
23-Sep	30.19	89	57	60	---	0.00	24	PC	
24-Sep	30.13	91	60	68	66	0.00	29	MC	
25-Sep	30.06	88	68	70	69	0.00	40	MC	
26-Sep	30.00	87	70	71	71	0.00	40	cldy	
27-Sep	30.06	88	70	71	---	0.00	48	cldy;lt. RF 2:30-3:00 PM	
28-Sep	30.01	85	69	71	---	0.04	51	cldy;lt. RF 12:30-1:00 PM;RF 8:00 PM-midnight	
29-Sep	29.88	78	68	68	---	0.56	70	cldy;RF midnight-3:00 AM;lt. RF 11:00 AM-1:00 PM	
30-Sep	29.91	81	63	63	---	0.10	65	cldy	

September Totals and Averages

Max. Temp.	102 °	NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.
Min. Temp.	49 °	
Avg. High	89.3 °	
Avg. Low	63.4 °	
Avg. Temp	76.4 °	
Total RF	4.47 "	
Avg. RF (30 YR)	3.60 "	
Low RH	7 %	
Avg. Low RH	35.1 %	
Year To Date RF	22.77 "	
Avg. RF (30 YR)	23.27 "	

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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		COMMENTS
2012	8 AM	HI	LO	8AM	ONL	FALL	RH		
01-Oct	29.91	78	53	56	---	0.00	51	PC;lt. RF 11:30 AM-1:00 PM;Thunder	
02-Oct	30.00	80	54	59	---	0.19	42	clear	
03-Oct	29.99	78	49	51	---	0.00	32	clear	
04-Oct	30.03	83	51	70	67	0.00	42	MC	
05-Oct	30.07	89	67	67	---	0.00	48	MC	
06-Oct	30.06	87	61	61	---	0.00	40	cldy;lt. fog	
07-Oct	30.22	61	44	45	---	0.01	61	cldy;lt. RF 7:00-8:00 AM;occas. drizzle 8:00-10:00 PM	
08-Oct	30.22	54	45	47	---	0.01	67	cldy	
09-Oct	30.04	72	47	61	60	0.00	50	cldy	
10-Oct	30.09	79	58	70	---	0.00	57	cldy;lt. fog	
11-Oct	30.09	87	70	71	---	T	51	cldy;occas. lt. RF/drizzle 7:30-8:30 AM	
12-Oct	30.12	86	70	71	---	T	55	cldy	
13-Oct	30.06	85	71	71	---	0.06	51	cldy;occas. drizzle/lt. RF 3:00-7:00 AM	
14-Oct	30.09	82	63	63	---	0.40	70	PC;T-Showers 6:00-8:00 AM	
15-Oct	30.11	83	53	54	---	0.00	30	cldy	
16-Oct	29.96	76	54	63	62	0.00	38	cldy;occas. drizzle/lt. RF 9:00 AM-2:00 PM	
17-Oct	29.76	72	63	67	67	0.05	68	cldy	
18-Oct	29.91	93	58	60	---	0.00	24	PC	
19-Oct	30.06	77	39	40	---	0.00	21	clear	
20-Oct	29.93	82	40	67	54	0.00	12	cldy	
21-Oct	29.92	84	67	71	70	0.00	58	cldy	
22-Oct	29.96	87	68	68	---	0.00	48	PC	
23-Oct	29.93	87	68	70	70	T	45	cldy;lt. drizzle 6:00-7:00 AM;10:00-10:30 AM	
24-Oct	29.95	79	68	68	---	T	70	MC	
25-Oct	29.87	85	68	68	---	0.00	40	PC	
26-Oct	30.14	85	50	50	---	0.00	55	cldy;T-Showers 8:30-11 AM;temp. to 44 degrees by 9 AM	
27-Oct	30.26	53	44	44	---	1.28	50	cldy	
28-Oct	30.25	59	38	39	---	0.00	34	cldy	
29-Oct	30.25	66	34	35	---	0.00	27	clear	
30-Oct	30.10	71	35	41	39	0.00	30	clear	
31-Oct	30.07	77	41	56	49	0.00	47	dense fog AM	

October Totals and Averages

Max. Temp.	93 °
Min. Temp.	34 °
Avg. High	78.0 °
Avg. Low	54.5 °
Avg. Temp	66.3 °
Total RF	2.00 "
Avg. RF (30 YR)	3.38 "
Low RH	12 %
Avg. Low RH	45.6 %

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

Year To Date RF	24.77 "
Avg. RF (30 YR)	26.65 "

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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2012	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Nov	30.08	82	47	51	---	0.00	39	dense fog AM	
02-Nov	30.03	83	51	62	54	0.00	37	cldy	
03-Nov	30.09	82	61	64	---	0.00	47	cldy	
04-Nov	30.15	82	51	51	---	0.00	42	PC	
05-Nov	30.09	82	49	50	---	0.00	36	PC	
06-Nov	30.16	86	41	42	---	0.00	28	clear	
07-Nov	30.18	82	42	53	---	0.00	21	clear	
08-Nov	30.10	82	53	63	56	0.00	28	PC	
09-Nov	30.09	80	63	65	---	0.00	39	cldy	
10-Nov	30.03	80	63	66	---	0.00	39	cldy	
11-Nov	29.90	78	66	67	---	0.00	47	cldy	
12-Nov	30.41	78	41	42	---	0.00	27	MC	
13-Nov	30.43	60	38	44	---	0.00	21	cldy	
14-Nov	30.39	53	35	37	---	0.00	26	cldy	
15-Nov	30.27	68	37	51	40	0.00	37	cldy	
16-Nov	30.30	65	51	54	---	0.00	39	cldy	
17-Nov	30.35	67	34	40	---	0.00	39	clear	
18-Nov	30.26	69	40	52	41	0.00	28	MC	
19-Nov	30.20	66	52	57	53	0.00	52	cldy	
20-Nov	30.20	71	46	51	---	0.00	57	patchy lt. fog	
21-Nov	30.23	82	48	52	---	0.00	37	MC	
22-Nov	30.14	77	52	58	54	0.00	42	MC;lt. fog	
23-Nov	30.24	74	49	59	---	0.00	47	MC	
24-Nov	30.40	64	44	46	---	0.00	38	cldy	
25-Nov	30.09	71	42	50	---	0.00	21	PC	
26-Nov	29.98	74	50	61	58	0.00	44	cldy	
27-Nov	30.32	82	40	41	---	0.00	47	PC	
28-Nov	30.36	62	30	36	---	0.00	39	clear;first freeze of season	
29-Nov	30.21	70	36	48	38	0.00	40	cldy	
30-Nov	30.14	64	44	55	---	0.00	64	dense fog	

November Totals and Averages

Max. Temp.	86 °	NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.
Min. Temp.	30 °	
Avg. High	73.9 °	
Avg. Low	46.5 °	
Avg. Temp	60.2 °	
Total RF	0.00 "	
Avg. RF (30 YR)	2.47 "	
Low RH	21 %	
Avg. Low RH	38.3 %	
Year To Date RF	24.77 "	
Avg. RF (30 YR)	29.12 "	

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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		COMMENTS
2012	8 AM	HI	LO	8AM	ONL	FALL	RH		
01-Dec	30.13	74	52	64	---	0.00	65	cldy;lt. fog	
02-Dec	30.15	75	57	65	---	0.00	65	cldy;lt. fog	
03-Dec	30.03	74	60	63	---	0.00	73	cldy;lt. fog;occas. lt. drizzle 9:00 AM-1:00 PM	
04-Dec	30.14	71	55	62	---	0.01	69	cldy;lt. fog;occas. lt. drizzle 4:00-8:00 AM	
05-Dec	30.24	73	38	48	---	0.00	25	clear	
06-Dec	30.00	78	36	50	---	0.00	5	fog	
07-Dec	29.88	75	50	58	---	0.00	36	cldy;fog	
08-Dec	29.91	70	54	64	---	0.00	69	cldy;fog	
09-Dec	29.90	74	58	64	---	0.00	61	cldy;fog	
10-Dec	30.10	76	33	35	---	0.00	57	clear;windy	
11-Dec	30.13	49	21	26	---	0.00	32	clear	
12-Dec	30.23	59	21	27	---	0.00	23	clear	
13-Dec	30.22	63	27	33	29	0.00	18	clear	
14-Dec	30.10	63	33	55	52	T	55	cldy;occas. drizzle/lt. RF 7:00 AM-4:00PM;8:00-9:00 PM	
15-Dec	29.98	64	54	56	---	0.17	88	cldy	
16-Dec	29.89	71	56	60	---	0.00	40	MC	
17-Dec	29.96	68	36	45	---	0.00	25	clear	
18-Dec	29.90	73	33	40	---	0.00	14	clear	
19-Dec	29.79	81	40	65	54	0.00	11	cldy	
20-Dec	30.30	77	36	37	---	0.00	9	PC;windy	
21-Dec	30.44	53	20	23	---	0.00	5	PC	
22-Dec	30.30	61	23	34	30	0.00	6	PC	
23-Dec	30.04	62	34	58	53	0.00	52	cldy	
24-Dec	29.98	67	34	37	---	0.00	64	PC	
25-Dec	29.69	71	37	58	50	0.00	23	PC	
26-Dec	30.20	63	23	24	---	0.00	19	clear	
27-Dec	29.98	50	23	25	---	0.00	27	clear	
28-Dec	29.90	54	25	43	40	0.00	54	PC;lt. fog early AM	
29-Dec	30.37	61	29	29	---	0.00	20	PC	
30-Dec	30.35	52	25	36	---	0.00	22	PC	
31-Dec	30.02	52	36	52	44	0.09	34	cldy;lt. fog;occas. drizzle/lt. RF 4:00-11:00 AM	

December Totals and Averages

Max. Temp.	81 °	NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded.
Min. Temp.	20 °	
Avg. High	66.3 °	
Avg. Low	37.4 °	
Avg. Temp	51.9 °	
Total RF	0.27 "	
Avg. RF (30 YR)	1.95 "	
Low RH	5 %	
Avg. Low RH	37.6 %	
Year To Date RF	25.04 "	
Avg. RF (30 YR)	31.07 "	