

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

DATE	B. P.	--TEMPERATURES--			RAIN	LOW			COMMENTS
2011	8 AM	HI	LO	8AM	ONL	FALL	RH		
01-Jan	30.13	62	31	33	---	0.00	22	clear	
02-Jan	30.36	56	23	27	---	0.00	22	clear	
03-Jan	30.19	60	27	38	32	0.00	21	MC	
04-Jan	30.10	53	38	52	48	0.00	66	cldy;dense fog;drizzle/lt. RF Noon-4:00 PM	
05-Jan	30.07	58	48	49	---	0.05	86	PC;lt. fog early AM	
06-Jan	30.17	66	25	29	---	0.00	9	PC	
07-Jan	30.00	71	29	34	---	0.00	5	PC	
08-Jan	29.94	75	30	33	---	0.00	3	PC;T-Showers 10:00 PM-midnight	
09-Jan	29.81	62	33	41	38	0.86	22	cldy;T-Showers midnight-5:00 AM	
10-Jan	30.00	62	41	42	---	0.00	57	cldy;fog	
11-Jan	30.52	54	25	26	---	0.00	86	cldy;breezy	
12-Jan	30.66	42	26	30	28	0.00	29	cldy	
13-Jan	30.56	39	30	33	---	0.00	30	cldy	
14-Jan	30.28	42	33	37	35	0.00	24	cldy;lt. fog;occas. drizzle/lt. RF 10:00 AM-midnight	
15-Jan	30.22	45	37	44	43	0.14	50	cldy;fog;drizzle/lt. RF midnight-midnight	
16-Jan	30.00	50	44	47	47	0.23	89	cldy;lt. fog;drizzle/lt. RF midnight-11:00 AM	
17-Jan	29.90	54	37	40	---	0.02	80	cldy;fog	
18-Jan	29.88	64	38	47	---	0.00	60	PC;lt. fog early AM	
19-Jan	30.08	70	34	39	---	0.00	31	PC;lt. fog	
20-Jan	29.99	63	39	44	---	0.00	52	cldy;lt. fog early AM	
21-Jan	30.13	44	19	22	---	0.00	50	clear	
22-Jan	30.10	59	22	27	---	0.00	16	clear	
23-Jan	29.93	63	27	47	38	0.00	17	cldy	
24-Jan	30.05	61	27	30	---	0.00	27	PC	
25-Jan	30.16	66	30	37	36	0.00	19	clear	
26-Jan	30.22	56	22	26	---	0.00	28	clear	
27-Jan	30.29	63	26	30	---	0.00	19	PC	
28-Jan	30.20	67	26	30	---	0.00	19	PC	
29-Jan	30.05	74	30	51	40	0.00	13	MC	
30-Jan	30.01	68	51	58	54	0.00	58	cldy;lt. fog	
31-Jan	30.01	78	44	51	---	0.00	18	cldy;fog late AM	

January Totals and Averages

Max. Temp.	78 °
Min. Temp.	19 °
Avg. High	59.6 °
Avg. Low	32.0 °
Avg. Temp	45.8 °
Total RF	1.30 "
Avg. RF (30 YR)	1.57 "
Low RH	3 %
Avg. Low RH	36.4 %

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

Year To Date RF	1.30 "
Avg. RF (30 YR)	1.57 "

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DATE	B. P.	--TEMPERATURES--			RAIN	LOW		COMMENTS
2011	8 AM	HI	LO	8AM	ONL	FALL	RH	
01-Feb	30.06	72	23	23	---	0.30	53	cldy;windy;lt. RF 2:00-4:00 AM
02-Feb	30.45	29	13	13	---	0.00	55	cldy
03-Feb	30.46	20	13	14	14	0.00	52	cldy
04-Feb	30.30	21	14	18	15	0.00	52	clear
05-Feb	30.01	39	15	23	---	0.00	27	clear
06-Feb	29.86	64	23	34	29	0.00	12	clear
07-Feb	30.33	69	34	37	---	0.00	15	clear
08-Feb	30.12	56	31	37	---	0.00	12	clear
09-Feb	30.22	63	16	17	---	0.16	38	lt. RF 2:00-5:00 AM;occas. sleet/freezing RF 5:00-8:00 AM; *
10-Feb	30.34	31	14	18	---	T	53	clear
11-Feb	30.33	46	13	20	---	0.00	20	clear
12-Feb	30.49	59	18	25	---	0.00	16	clear
13-Feb	30.31	66	23	33	---	0.00	8	PC
14-Feb	30.20	72	33	45	43	0.00	18	MC;dense fog
15-Feb	30.18	77	45	57	54	0.00	31	cldy
16-Feb	30.06	75	56	58	---	T	48	cldy;fog;occas. lt. drizzle 6:00-9:00 AM
17-Feb	30.00	71	58	62	60	T	59	cldy;fog;occas. lt. drizzle 4:00-8:00 AM
18-Feb	30.11	76	61	62	---	0.01	54	cldy;fog;occas. lt. drizzle 2:00 AM-3:00 PM
19-Feb	30.14	69	57	58	---	0.01	73	cldy;fog;occas. drizzle 4:00 AM-1:00 PM
20-Feb	29.93	67	58	61	---	T	78	cldy
21-Feb	29.83	78	61	63	---	0.00	47	cldy
22-Feb	30.04	83	50	51	---	0.00	14	cldy
23-Feb	29.96	64	51	62	58	0.03	45	cldy;fog;occas. drizzle 3:00 AM-2:00 PM
24-Feb	29.85	70	62	63	---	0.02	73	cldy;fog;occas. drizzle/lt. RF 2:00-11:00 AM
25-Feb	30.11	81	32	42	---	0.03	5	clear
26-Feb	29.92	79	42	61	51	0.00	9	cldy
27-Feb	29.74	76	61	64	63	0.00	60	cdly;lt. fog
28-Feb	30.10	83	47	53	---	0.00	38	clear

February Totals and Averages

Max. Temp.	83 °
Min. Temp.	13 °
Avg. High	62.7 °
Avg. Low	36.6 °
Avg. Temp	49.7 °
Total RF	0.56 "
Avg. RF (30 YR)	1.81 "
Low RH	5 %
Avg. Low RH	38.0 %

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

* 2-9-2011; occas. lt. snow 10:00 AM-Noon

Year To Date RF	1.86 "
Avg. RF (30 YR)	3.38 "

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2011	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Mar	30.31	69	30	38	---	0.00	20	clear	
02-Mar	30.20	76	35	45	---	0.00	9	PC	
03-Mar	30.09	77	39	48	---	0.00	18	cldy;lt. fog	
04-Mar	29.93	78	48	58	55	0.00	33	cldy;lt. fog	
05-Mar	30.20	73	46	47	---	T	53	MC;windy;lt. RF 3:00-4:00 AM	
06-Mar	30.24	63	23	33	---	0.00	21	clear	
07-Mar	29.91	69	33	51	45	0.00	9	cldy	
08-Mar	29.81	76	51	64	60	0.00	36	cldy	
09-Mar	30.20	86	43	45	---	0.00	10	clear	
10-Mar	30.50	70	29	39	---	0.00	21	clear	
11-Mar	30.29	74	32	50	---	0.00	6	clear	
12-Mar	30.04	77	50	56	52	0.00	12	cldy	
13-Mar	30.01	80	56	60	---	0.00	34	cldy	
14-Mar	30.18	74	54	54	---	0.02	55	cldy;occas. drizzle/lt. RF 3:00-7:00 AM	
15-Mar	30.18	72	38	43	---	0.00	23	cldy	
16-Mar	30.16	75	43	61	60	0.02	35	cldy;occas. drizzle/lt. RF 4:00-8:00 AM	
17-Mar	30.13	82	61	64	63	0.00	41	cldy	
18-Mar	30.14	83	64	64	---	0.00	41	MC	
19-Mar	30.14	84	58	62	---	0.00	38	MC	
20-Mar	30.10	79	60	63	---	0.00	44	PC	
21-Mar	30.13	79	63	64	---	0.00	45	cldy	
22-Mar	30.00	77	60	63	---	0.00	44	cldy	
23-Mar	29.95	84	61	63	---	0.00	36	cldy	
24-Mar	30.03	89	58	63	---	0.00	7	PC	
25-Mar	29.86	81	62	63	---	0.00	24	MC	
26-Mar	29.75	84	62	66	65	0.00	44	cldy;lt. fog	
27-Mar	29.79	94	61	61	---	0.00	26	cldy	
28-Mar	30.00	79	45	49	---	0.00	44	cldy;lt. fog	
29-Mar	29.91	73	49	60	62	0.02	59	cldy;lt. fog;occas. drizzle/lt. RF 4:00 AM-1:00 PM	
30-Mar	30.05	75	45	45	---	0.01	66	cldy	
31-Mar	29.87	66	41	46	---	0.00	51	PC	

March Totals and Averages

Max. Temp.	94 °
Min. Temp.	23 °
Avg. High	77.4 °
Avg. Low	48.4 °
Avg. Temp	62.9 °
Total RF	0.07 "
Avg. RF (30 YR)	2.48 "
Low RH	6 %
Avg. Low RH	32.4 %

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

Year To Date RF	1.93 "
Avg. RF (30 YR)	5.86 "

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2011	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Apr	29.85	88	46	60	57	0.00	28	PC;lt. fog	
02-Apr	29.95	94	49	53	---	0.00	19	PC	
03-Apr	29.89	91	53	67	66	0.00	43	cldy;lt. fog	
04-Apr	29.80	88	67	71	69	0.00	46	PC;lt. fog	
05-Apr	30.20	72	32	40	---	0.00	13	clear	
06-Apr	30.02	77	40	55	51	0.00	8	PC	
07-Apr	29.87	87	55	63	62	0.00	22	cldy;lt. fog/haze	
08-Apr	29.84	87	63	70	69	0.00	37	MC;lt. fog/haze	
09-Apr	29.91	94	65	67	---	0.00	29	cldy	
10-Apr	29.88	90	66	68	---	0.00	38	MC	
11-Apr	30.03	90	52	56	---	0.32	38	clear;T-Showers 1:30 AM-3:00 AM	
12-Apr	30.17	79	39	47	---	0.00	8	clear	
13-Apr	29.99	85	47	58	52	0.00	11	cldy	
14-Apr	29.85	85	58	67	64	0.00	32	cldy;lt. fog	
15-Apr	29.91	88	50	58	---	0.00	35	PC	
16-Apr	30.14	80	38	43	---	0.00	5	clear	
17-Apr	29.98	79	43	57	51	0.00	5	clear	
18-Apr	29.83	84	57	69	68	0.00	38	cldy	
19-Apr	29.76	95	69	72	71	0.00	34	MC;lt. haze	
20-Apr	29.88	91	71	73	---	0.00	38	MC;lt. haze	
21-Apr	29.96	90	72	73	---	0.00	48	MC;lt. haze	
22-Apr	29.88	89	62	71	---	0.57	51	cldy;lt. haze;T-Storms midnight-1:00 AM	
23-Apr	29.86	87	69	70	---	0.00	38	cldy	
24-Apr	29.86	91	70	72	---	0.00	41	cldy	
25-Apr	29.75	86	70	70	---	0.03	51	cldy;occas. drizzle/lt. RF 7:00 AM-11:00 AM	
26-Apr	29.62	95	54	62	---	0.02	4	cldy;lt. fog	
27-Apr	29.69	98	62	69	66	0.00	5	PC	
28-Apr	30.20	85	46	57	---	0.00	4	clear	
29-Apr	30.05	85	56	61	---	0.00	14	clear	
30-Apr	29.75	88	61	71	67	0.00	17	MC;lt. haze	

April Totals and Averages

Max. Temp.	98 °
Min. Temp.	32 °
Avg. High	87.3 °
Avg. Low	56.1 °
Avg. Temp	71.7 °
Total RF	0.94 "
Avg. RF (30 YR)	2.09 "
Low RH	4 %
Avg. Low RH	26.7 %

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

Year To Date RF	2.87 "
Avg. RF (30 YR)	7.95 "

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2011	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-May	29.73	94	71	73	73	0.00	32	PC;lt. haze	
02-May	30.09	85	44	44	---	0.10	46	cldy;occas. drizzle/lt. RF midnight-1:00 PM	
03-May	30.38	58	41	48	---	0.02	62	clear	
04-May	30.39	74	39	47	---	0.00	14	clear	
05-May	30.13	78	47	67	51	0.00	9	MC	
06-May	30.10	84	60	63	---	0.00	35	cldy	
07-May	29.94	84	63	69	64	0.00	42	cldy	
08-May	29.88	93	69	70	---	0.00	32	cldy	
09-May	29.83	95	70	71	---	0.00	28	cldy;lt. haze	
10-May	29.82	93	69	72	---	0.00	34	cldy	
11-May	29.78	84	71	74	---	0.00	49	cldy;haze	
12-May	30.06	85	72	73	---	0.00	54	cldy;T-Storms 8:00-11:00 AM; *	
13-May	30.02	83	55	65	---	1.05	38	MC	
14-May	30.08	87	48	59	---	0.00	19	clear	
15-May	30.08	80	51	59	---	0.00	15	clear	
16-May	30.08	81	55	65	---	0.00	21	PC	
17-May	29.91	86	59	64	---	0.00	24	PC	
18-May	29.76	87	64	67	66	0.00	29	cldy;lt. fog	
19-May	29.73	87	67	72	71	0.00	46	cldy;lt. fog/mist	
20-May	29.82	87	72	74	---	0.00	51	cldy;lt. haze	
21-May	29.88	92	71	74	---	0.00	41	cldy;lt. fog	
22-May	29.88	93	74	75	---	0.00	37	cldy;lt. haze	
23-May	29.84	92	73	74	---	0.00	41	MC	
24-May	29.81	88	73	74	---	0.00	48	cldy;lt. haze	
25-May	29.86	96	73	74	---	0.00	33	cldy;lt. haze	
26-May	30.02	103	64	70	---	0.00	4	clear	
27-May	29.88	97	70	73	---	0.00	18	PC;lt. haze	
28-May	29.76	100	73	74	---	0.00	33	cldy;lt. haze	
29-May	29.79	99	71	74	---	0.00	27	MC;windy	
30-May	29.89	96	74	75	---	0.00	30	MC;windy	
31-May	30.11	95	74	76	---	0.00	28	MC;lt. haze	

May Totals and Averages

Max. Temp.	103 °	NOTE: Temperature and rainfall data are for the 24 hour period ending at 8:00 AM on the date recorded. * temperature dropped to 59 degrees at 8:30 AM
Min. Temp.	39 °	
Avg. High	88.3 °	
Avg. Low	63.8 °	
Avg. Temp	76.1 °	
Total RF	1.17 "	
Avg. RF (30 YR)	4.00 "	
Low RH	4 %	
Avg. Low RH	32.9 %	
Year To Date RF	4.04 "	
Avg. RF (30 YR)	11.95 "	

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2011	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Jun	30.23	95	66	72	---	0.00	30	MC	
02-Jun	30.11	92	63	69	---	0.00	25	PC	
03-Jun	30.05	95	64	73	---	0.00	18	clear	
04-Jun	30.15	95	68	74	---	0.00	19	MC	
05-Jun	30.18	94	61	71	---	0.00	29	clear	
06-Jun	30.07	97	64	73	---	0.00	16	clear	
07-Jun	29.98	99	69	76	---	0.00	17	clear	
08-Jun	29.95	98	69	72	---	0.00	19	MC	
09-Jun	30.00	96	69	73	---	0.00	27	MC	
10-Jun	29.96	95	69	72	---	0.00	25	MC	
11-Jun	29.98	96	70	73	---	0.00	25	MC	
12-Jun	29.98	95	69	73	---	0.00	29	cldy	
13-Jun	30.04	97	70	73	---	0.00	19	PC	
14-Jun	30.01	99	72	74	---	0.00	19	PC	
15-Jun	29.91	100	73	74	---	0.00	16	cldy	
16-Jun	29.89	99	72	74	---	0.00	23	PC	
17-Jun	29.89	99	74	76	75	0.00	23	MC	
18-Jun	29.95	101	73	74	---	0.00	16	MC	
19-Jun	29.91	102	73	75	---	0.00	14	PC	
20-Jun	29.81	102	73	75	---	0.00	19	cldy	
21-Jun	29.82	97	75	76	---	0.00	29	cldy;T-Storms 11:00 PM-midnight	
22-Jun	29.92	97	65	67	---	0.78	29	cldy;T-Storms midnight-4:00 AM	
23-Jun	29.98	93	64	69	---	0.00	31	cldy	
24-Jun	29.92	93	69	74	---	0.00	32	PC	
25-Jun	29.88	94	73	74	---	0.00	37	cldy	
26-Jun	29.93	95	74	75	---	0.00	40	MC	
27-Jun	29.98	97	74	76	---	0.00	33	MC	
28-Jun	30.08	98	74	77	---	0.00	25	PC	
29-Jun	30.07	99	71	74	---	0.00	27	PC	
30-Jun	30.06	96	66	75	---	0.00	30	PC	

June Totals and Averages

Max. Temp.	102 °
Min. Temp.	61 °
Avg. High	96.8 °
Avg. Low	69.5 °
Avg. Temp	83.2 °
Total RF	0.78 "
Avg. RF (30 YR)	3.97 "
Low RH	14 %
Avg. Low RH	24.7 %

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

Year To Date RF	4.82 "
Avg. RF (30 YR)	15.92 "

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2011	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Jul	30.04	96	73	76	---	0.00	24	MC	
02-Jul	30.12	94	73	75	---	0.00	27	PC	
03-Jul	30.07	97	66	74	---	0.00	30	clear	
04-Jul	30.02	98	72	75	---	0.00	22	PC	
05-Jul	30.01	98	70	75	---	0.00	18	clear	
06-Jul	30.05	99	67	75	---	0.00	18	clear	
07-Jul	30.00	99	69	76	---	0.00	18	clear	
08-Jul	29.93	98	70	75	---	0.00	25	clear	
09-Jul	29.94	100	72	76	---	0.00	19	clear	
10-Jul	30.01	98	74	75	---	0.00	22	MC;scattered showers in area 5:00-6:00 PM	
11-Jul	30.06	99	74	75	---	0.00	25	MC	
12-Jul	30.01	96	74	75	---	0.00	29	cldy	
13-Jul	29.99	99	71	75	---	0.00	29	PC	
14-Jul	29.94	99	73	75	---	0.00	22	MC	
15-Jul	29.90	101	75	76	---	0.00	23	PC	
16-Jul	29.93	102	74	76	---	0.00	18	MC	
17-Jul	30.05	97	71	74	---	0.00	22	PC	
18-Jul	30.09	99	72	77	---	0.00	24	clear;scattered showers in area PM	
19-Jul	30.00	101	75	78	---	0.00	23	PC;scattered T-Showers 4:00-6:00 PM	
20-Jul	29.96	97	70	75	---	0.03	33	PC	
21-Jul	29.93	100	73	74	---	0.00	29	MC;lt. haze	
22-Jul	29.98	97	74	77	---	0.00	26	PC;lt. haze	
23-Jul	30.03	97	73	76	---	0.00	33	cldy	
24-Jul	30.13	100	74	75	---	0.00	23	MC	
25-Jul	30.07	101	73	76	---	0.00	23	PC	
26-Jul	29.93	103	76	77	---	0.00	16	PC	
27-Jul	29.92	102	74	76	---	0.00	19	clear	
28-Jul	29.94	101	75	77	---	0.00	19	PC	
29-Jul	30.01	100	72	76	---	0.00	21	PC	
30-Jul	30.07	98	73	75	---	0.00	29	cldy;occas. lt. RF 8:00 AM-Noon	
31-Jul	30.16	93	73	74	---	0.13	34	MC	

July Totals and Averages

Max. Temp.	103 °
Min. Temp.	66 °
Avg. High	98.7 °
Avg. Low	72.4 °
Avg. Temp	85.6 °
Total RF	0.16 "
Avg. RF (30 YR)	2.82 "
Low RH	16 %
Avg. Low RH	24.0 %

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

Year To Date RF	4.98 "
Avg. RF (30 YR)	18.74 "

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DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2011	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Aug	30.11	99	69	76	---	0.00	24	clear	
02-Aug	30.00	104	71	77	---	0.00	16	clear	
03-Aug	29.97	103	72	77	---	0.00	22	clear	
04-Aug	29.95	102	73	78	---	0.00	23	clear	
05-Aug	29.98	104	75	78	---	0.00	20	PC	
06-Aug	30.00	103	73	75	---	0.00	20	PC	
07-Aug	29.98	102	74	76	---	0.00	21	MC	
08-Aug	29.91	100	74	76	---	0.00	22	MC	
09-Aug	29.90	101	74	76	---	0.00	21	cldy;lt. haze	
10-Aug	29.89	101	74	76	---	0.00	23	cldy;lt. haze	
11-Aug	29.90	100	76	78	78	0.00	34	PC;lt. haze	
12-Aug	29.94	102	73	75	---	0.21	27	cldy;T-Showers 4:00-5:00 AM	
13-Aug	29.98	100	74	75	---	0.00	31	cldy	
14-Aug	30.03	93	75	77	---	0.00	28	PC	
15-Aug	29.99	99	72	75	---	0.00	22	clear	
16-Aug	30.00	101	73	76	---	0.00	21	PC	
17-Aug	30.09	100	73	76	---	0.00	23	PC	
18-Aug	30.05	101	71	75	---	0.00	22	clear	
19-Aug	29.95	102	71	75	---	0.00	16	clear	
20-Aug	29.97	101	72	76	---	0.00	17	clear	
21-Aug	30.05	101	74	76	---	0.00	21	MC	
22-Aug	30.06	99	72	74	---	0.00	25	PC	
23-Aug	30.02	100	73	76	---	0.00	25	PC	
24-Aug	29.98	102	71	76	---	0.00	19	clear	
25-Aug	29.98	103	73	76	---	0.00	22	clear; lt. showers in area PM	
26-Aug	30.01	100	65	69	---	0.00	25	lt. haze	
27-Aug	30.03	100	69	73	---	0.00	24	clear	
28-Aug	29.93	105	68	73	---	0.00	16	clear;T-Showers in area PM	
29-Aug	29.90	108	73	78	76	0.00	9	PC	
30-Aug	29.93	106	70	74	---	0.00	16	PC	
31-Aug	29.98	103	73	74	---	0.00	13	PC;lt. haze	

August Totals and Averages

Max. Temp.	108 °
Min. Temp.	65 °
Avg. High	101.5 °
Avg. Low	72.3 °
Avg. Temp	86.9 °
Total RF	0.21 "
Avg. RF (30 YR)	1.67 "
Low RH	9 %
Avg. Low RH	21.5 %

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

Year To Date RF	5.19 "
Avg. RF (30 YR)	20.41 "

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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2011	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Sep	30.03	98	66	71	---	0.00	19	MC;lt. haze	
02-Sep	29.95	98	71	75	72	0.00	18	PC	
03-Sep	29.86	100	72	74	---	0.00	23	PC	
04-Sep	29.86	99	62	72	---	0.00	17	PC	
05-Sep	30.03	97	68	69	---	0.00	15	PC	
06-Sep	30.12	87	46	52	---	0.00	4	clear	
07-Sep	30.12	92	48	54	---	0.00	3	clear	
08-Sep	30.18	95	54	65	---	0.00	2	clear	
09-Sep	30.09	93	51	57	---	0.00	7	clear	
10-Sep	30.09	97	57	61	---	0.00	10	PC	
11-Sep	30.13	98	59	65	---	0.00	11	PC	
12-Sep	30.16	99	60	66	---	0.00	13	clear	
13-Sep	30.07	100	66	69	---	0.00	13	PC	
14-Sep	30.00	100	67	70	---	0.00	15	PC	
15-Sep	30.04	98	70	72	---	0.00	12	MC	
16-Sep	30.09	94	72	73	---	0.01	25	cldy;drizzle 6:00-7:00 AM;10:00 AM	
17-Sep	30.08	89	71	73	---	T	43	cldy;lt. RF 6:00-7:00 AM; 1:00 PM	
18-Sep	30.05	87	71	73	---	T	55	cldy;lt. fog;T-Storms 7:00-9:00 PM	
19-Sep	30.10	94	63	66	---	0.89	34	cldy	
20-Sep	30.04	90	52	56	---	0.00	14	clear	
21-Sep	30.03	95	56	64	61	0.00	15	PC;T-Storms 6:00-10:00 PM	
22-Sep	30.08	97	56	60	---	0.75	19	clear	
23-Sep	30.15	87	60	63	---	0.00	31	clear	
24-Sep	30.04	90	53	58	---	0.00	27	clear	
25-Sep	29.87	96	58	68	66	0.00	17	PC	
26-Sep	29.88	102	62	66	---	0.00	12	clear	
27-Sep	29.94	102	66	72	69	0.00	14	cldy;T-Storms 6:00-10:00 PM	
28-Sep	29.99	101	58	61	---	0.35	18	PC	
29-Sep	29.96	96	61	65	---	0.00	28	PC;T-Storms 6:00-8:00 PM and 9:00-10:00 PM	
30-Sep	30.15	98	64	67	---	0.06	22	PC	

September Totals and Averages

Max. Temp.	102 °
Min. Temp.	46 °
Avg. High	95.6 °
Avg. Low	61.3 °
Avg. Temp	78.5 °
Total RF	2.06 "
Avg. RF (30 YR)	3.65 "
Low RH	2 %
Avg. Low RH	18.5 %

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

Year To Date RF	7.25 "
Avg. RF (30 YR)	24.06 "

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

DATE	B. P.	--TEMPERATURES--			RAIN	LOW			
2011	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Oct	30.18	84	52	54	---	0.00	23	clear	
02-Oct	30.23	88	51	53	---	0.00	12	clear	
03-Oct	30.21	88	50	52	---	0.00	14	clear	
04-Oct	30.21	85	48	50	---	0.00	19	clear	
05-Oct	30.14	84	50	65	59	0.00	17	cldy;lt. fog	
06-Oct	30.01	83	65	69	68	0.00	38	cldy	
07-Oct	30.00	88	69	71	---	0.00	34	cldy	
08-Oct	30.01	90	70	70	---	0.04	36	cldy;drizzle/lt. RF 5:00 AM-Noon	
09-Oct	30.01	80	60	60	---	0.74	55	cldy;T-Storms midnight-7:00 AM;lt. RF 9:00-11:00 AM	
10-Oct	30.08	73	60	61	---	0.01	68	cldy	
11-Oct	29.98	74	53	56	---	0.00	62	PC	
12-Oct	29.83	83	56	69	66	0.00	47	cldy	
13-Oct	30.03	90	56	58	---	0.00	40	patchy lt. fog early AM	
14-Oct	30.01	86	46	49	---	0.00	16	clear	
15-Oct	30.08	87	49	51	---	0.00	17	clear	
16-Oct	30.12	86	51	64	57	0.00	22	MC	
17-Oct	29.98	85	57	64	---	0.00	39	PC;lt. fog	
18-Oct	30.05	89	55	55	---	0.00	35	PC;gusty north wind	
19-Oct	30.22	69	38	39	---	0.00	24	clear	
20-Oct	30.12	74	38	40	---	0.00	12	clear	
21-Oct	30.11	79	40	57	54	0.00	16	clear	
22-Oct	30.09	85	57	66	64	0.00	37	MC	
23-Oct	30.03	84	58	59	---	0.00	41	PC	
24-Oct	30.20	89	55	58	---	0.00	25	clear	
25-Oct	30.12	87	58	66	63	0.00	31	cldy	
26-Oct	29.97	85	61	62	---	0.00	31	clear	
27-Oct	29.89	85	62	66	---	0.00	33	cldy	
28-Oct	30.22	70	43	44	---	0.00	52	MC	
29-Oct	30.34	63	28	33	---	0.00	39	clear;1st freeze of season	
30-Oct	30.11	70	33	43	43	0.00	21	clear	
31-Oct	30.21	75	41	42	---	0.00	28	clear	

October Totals and Averages

Max. Temp.	90 °
Min. Temp.	28 °
Avg. High	81.9 °
Avg. Low	51.9 °
Avg. Temp	66.9 °
Total RF	0.79 "
Avg. RF (30 YR)	3.65 "
Low RH	12 %
Avg. Low RH	31.7 %

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

Year To Date RF	8.04 "
Avg. RF (30 YR)	27.71 "

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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		COMMENTS
2011	8 AM	HI	LO	8AM	ONL	FALL	RH		
01-Nov	30.12	78	42	54	51	0.00	36	cldy	
02-Nov	30.04	80	54	60	59	0.00	33	cldy	
03-Nov	30.38	83	39	40	---	0.00	34	PC	
04-Nov	30.16	62	26	28	---	0.00	9	clear	
05-Nov	30.01	72	28	42	42	0.00	11	PC	
06-Nov	30.01	75	42	67	65	0.00	43	cldy	
07-Nov	30.00	79	67	69	68	0.00	60	cldy	
08-Nov	29.99	74	61	61	---	T	64	cldy;fog;lt. drizzle 6-8 AM;drizzle/lt. RF 8-9 AM *	
09-Nov	30.33	77	42	46	---	0.08	17	PC	
10-Nov	30.49	58	34	41	---	0.00	34	clear	
11-Nov	30.27	64	23	34	---	0.00	13	clear	
12-Nov	30.04	69	34	55	48	0.00	13	PC	
13-Nov	29.96	76	55	62	58	0.00	39	cldy	
14-Nov	29.93	83	62	65	---	T	37	cldy;fog;lt. drizzle 3:00-9:00 AM	
15-Nov	29.98	74	61	61	---	0.48	66	T-Showers/RF 4:00 AM-9:00 AM	
16-Nov	29.93	77	44	51	---	0.11	39	clear	
17-Nov	30.39	79	38	43	---	0.00	17	clear	
18-Nov	30.18	63	42	50	---	0.00	31	cldy	
19-Nov	29.96	64	50	64	58	0.00	67	cldy	
20-Nov	30.05	77	58	68	---	0.00	58	cldy	
21-Nov	30.09	76	68	70	---	T	62	cldy;occas. lt. drizzle 5-8 AM;lt. RF 5 PM;RF 8-11 PM	
22-Nov	30.08	80	55	56	---	0.59	60	PC;T-Storms 2:00-4:00 AM	
23-Nov	30.30	74	44	48	---	0.00	24	cldy;fog	
24-Nov	30.28	74	39	45	---	0.00	33	PC	
25-Nov	30.07	73	45	57	56	0.00	33	cldy;T-Storms 10:00 PM-midnight	
26-Nov	29.96	72	55	55	---	0.80	53	MC;T-Storms midnight-1:00 AM;occas. RF 1:00 AM-6:00 AM	
27-Nov	30.41	62	37	39	---	0.00	44	clear;windy	
28-Nov	30.23	54	25	35	---	0.00	7	clear	
29-Nov	30.20	73	33	43	---	0.00	8	clear	
30-Nov	30.29	67	29	38	---	0.00	18	clear	

November Totals and Averages

Max. Temp.	83 °
Min. Temp.	23 °
Avg. High	72.3 °
Avg. Low	44.4 °
Avg. Temp	58.4 °
Total RF	2.06 "
Avg. RF (30 YR)	2.42 "
Low RH	7 %
Avg. Low RH	35.4 %

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

* 11-8-2011; temp. dropped to 55 degrees after 8 AM

Year To Date RF	10.10 "
Avg. RF (30 YR)	30.13 "

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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
2011	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Dec	30.10	66	36	54	---	0.00	29	cldy;lt. fog	
02-Dec	30.26	71	48	48	---	0.00	43	cldy;lt. fog;occas drizzle/lt. RF 2:00 PM-10:00 PM	
03-Dec	30.01	61	48	61	60	0.31	87	cldy;occas. drizzle/lt. RF 3:00 AM-6:00 AM	
04-Dec	30.09	71	45	45	---	0.35	64	occas. drizzle/lt. RF 2 AM-7 PM;T-Showers 10 PM-midnight	
05-Dec	30.16	45	36	37	---	0.61	88	cldy;occas. lt. RF midnight-4:00 AM	
06-Dec	30.34	40	28	28	---	0.00	82	cldy	
07-Dec	30.38	37	18	25	---	0.00	64	clear	
08-Dec	30.26	54	25	34	26	0.00	26	PC	
09-Dec	30.21	56	31	42	---	0.00	26	cldy;fog	
10-Dec	30.44	63	42	42	---	T	54	cldy;lt. fog;drizzle/lt. RF 3:00 PM-midnight	
11-Dec	30.34	46	41	42	---	0.49	71	cldy;lt. fog;drizzle/lt. RF midnight-3:00 AM	
12-Dec	30.20	48	40	42	---	0.02	62	cldy;lt. fog;drizzle/lt. RF 2:00 AM-midnight	
13-Dec	30.20	60	42	60	54	0.15	87	cldy;lt. fog;drizzle/lt. RF midnight-6:00 AM	
14-Dec	30.03	67	60	66	65	0.05	88	cldy;lt. fog;drizzle/lt. RF 1:00 AM-11:00 AM;8:00 PM-midnight	
15-Dec	30.06	70	52	52	---	0.16	83	cldy;occas. drizzzle/lt. RF midnight-7:00 AM	
16-Dec	30.27	55	44	44	---	0.01	77	cldy;occas. drizzle midnight-2:00 AM	
17-Dec	30.45	54	43	44	---	0.00	67	MC	
18-Dec	30.35	54	44	49	48	0.00	30	cldy	
19-Dec	29.88	61	49	61	55	0.13	51	cldy;drizzle/lt. RF midnight-2:00 PM	
20-Dec	30.04	65	37	41	---	0.07	49	PC	
21-Dec	30.02	56	37	39	---	0.00	35	cldy;lt/moderate RF 6:00 PM-midnight	
22-Dec	30.00	54	35	40	---	0.61	44	PC;lt. RF midnight-1:00 AM	
23-Dec	30.33	67	36	36	---	0.00	28	cldy	
24-Dec	30.32	42	36	38	38	T	70	cldy;lt. fog;occas. drizzle/lt. RF 4:00 AM-8:00 PM	
25-Dec	30.37	41	37	38	---	0.04	85	cldy	
26-Dec	30.23	41	30	31	---	0.00	76	PC	
27-Dec	30.26	55	27	34	---	0.00	35	clear	
28-Dec	30.13	64	30	37	---	0.00	35	PC	
29-Dec	30.07	70	28	30	---	0.00	17	clear	
30-Dec	30.02	75	30	42	34	0.00	14	PC	
31-Dec	30.07	71	31	33	---	0.00	16	PC	

December Totals and Averages

Max. Temp.	75 °
Min. Temp.	18 °
Avg. High	57.4 °
Avg. Low	37.6 °
Avg. Temp	47.5 °
Total RF	3.00 "
Avg. RF (30 YR)	1.86 "
Low RH	14 %
Avg. Low RH	54.3 %

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

Year To Date RF	13.10 "
Avg. RF (30 YR)	31.99 "