

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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW	
1997	8 AM	HI	LO	8AM ONL	FALL	RH	COMMENTS	
01-Jan	30.18	71	58	58	---	0.00	65	MC
02-Jan	30.12	73	46	48	---	0.00	52	fog
03-Jan	29.97	71	48	64	60	T	65	cldy;lt. drizzle early AM
04-Jan	30.02	75	50	55	---	0.00	54	MC
05-Jan	30.10	80	47	48	---	0.00	27	PC
06-Jan	30.12	62	38	39	---	0.00	31	cldy;lt. RF starting 10 AM;sleet 11 PM-midnite
07-Jan	30.25	39	27	27	---	0.17	95	occas. sleet/lt. freezing RF most of day & night
08-Jan	30.06	31	27	29	29	0.61	96	RF/sleet/freezing RF midnite-8 AM
09-Jan	30.11	33	24	31	---	0.00	90	clear
10-Jan	29.98	54	23	26	---	0.00	27	clear
11-Jan	30.14	59	21	23	---	0.00	23	clear
12-Jan	30.21	38	21	23	---	T	33	occas. lt. freezing RF/sleet mostly during AM
13-Jan	30.53	24	19	19	---	0.04	75	cldy;occas. lt. freezing drizzle
14-Jan	30.40	22	19	22	21	0.01	97	cldy;occas. lt. freezing drizzle
15-Jan	30.11	39	22	36	31	T	86	PC;patchy fog * PM MAX for 14th = 31
16-Jan	30.45	63	27	34	---	0.00	14	PC
17-Jan	30.51	50	23	25	---	0.00	27	PC
18-Jan	30.39	42	25	28	26	0.00	26	PC
19-Jan	30.32	51	28	47	39	0.00	42	MC;occas. sprinkles PM
20-Jan	30.28	56	46	46	---	T	69	cldy;lt. fog;occas. lt. drizzle
21-Jan	30.12	66	46	53	51	T	56	cldy;lt. fog
22-Jan	30.15	68	45	45	---	T	55	dense fog
23-Jan	30.10	75	45	56	---	0.01	13	dense fog/lt. drizzle AM
24-Jan	30.05	70	39	40	---	T	52	PC;fog
25-Jan	30.03	74	30	36	---	0.00	15	PC
26-Jan	30.06	69	36	52	48	0.00	27	MC
27-Jan	30.09	64	52	59	---	0.02	70	fog;lt. drizzle AM
28-Jan	30.54	75	23	24	---	0.00	29	PC
29-Jan	30.42	49	19	24	---	0.00	12	clear
30-Jan	30.45	60	22	25	---	0.00	10	PC
31-Jan	30.21	68	25	36	29	0.00	9	PC

January Totals and Averages

Max. Temp.	80 °
Min. Temp.	19 °
Avg. High	57.1 °
Avg. Low	32.9 °
Avg. Temp	45.0 °
Total RF	0.86 "
Max. RF	0.61 "
Low RH	9 %
Avg. Low RH	46.5 %
Avg. Soil Temp	48.2 °
Year To Date RF	0.86 "

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 1997	B. P. 8 AM	--TEMPERATURES--			RAIN	LOW		
		HI	LO	8AM ONL	FALL	RH	COMMENTS	
01-Feb	30.00	76	36	39	---	0.00	21	PC
02-Feb	30.00	86	39	56	54	0.00	12	MC
03-Feb	30.02	81	56	59	---	0.00	32	fog
04-Feb	30.20	77	39	48	---	0.00	45	lt. haze
05-Feb	30.40	65	41	44	---	0.00	20	cldy
06-Feb	30.21	52	42	42	---	0.02	40	drizzle/lt. RF 6:00 AM-midnite
07-Feb	30.13	43	40	41	---	0.40	98	occas. drizzle/lt. RF midnite-9:00 AM
08-Feb	30.19	52	29	34	---	T	61	cldy
09-Feb	30.33	42	32	34	---	0.07	56	sleet 5:00 AM then lt. RF thru 8:00 AM;lt. fog
10-Feb	30.40	46	34	40	39	T	67	cldy;lt. fog
11-Feb	30.31	56	29	39	---	0.00	47	cldy;lt. fog;lt. RF 8:00 PM-midnite
12-Feb	30.00	47	39	43	43	0.31	72	lt. RF midnite-midnite
13-Feb	30.02	46	33	36	---	0.17	93	cldy;lt. fog;lt. RF 9:00 PM-midnite
14-Feb	30.29	43	36	37	---	0.15	79	MC;lt. RF midnite-9:00 AM
15-Feb	30.46	45	26	30	---	T	70	clear
16-Feb	30.31	61	27	31	---	0.00	30	PC
17-Feb	30.25	67	31	37	---	0.00	29	PC
18-Feb	30.23	66	37	51	49	0.00	31	MC
19-Feb	30.08	69	51	63	59	T	50	cldy;Trace of RF early AM;RF10:00 PM-midnite
20-Feb	29.76	68	59	63	---	2.31	80	Thunderstorms midnite-11:00 AM;lt. RF 3:30 PM
21-Feb	29.97	68	43	52	---	0.68	43	clear
22-Feb	30.39	57	28	34	---	0.00	49	clear
23-Feb	30.32	58	34	43	39	0.00	19	PC;lt. drizzle starting about 11:00 PM
24-Feb	30.30	57	43	44	---	0.07	37	drizzle midnite-midnite
25-Feb	30.20	47	40	41	---	0.13	98	drizzle/lt. RF midnite-midnite
26-Feb	29.82	44	41	43	---	0.31	95	heavy overcast;lt. drizzle thru 8:00 AM
27-Feb	30.01	62	34	36	---	T	25	PC
28-Feb	29.82	64	36	53	43	T	34	fog;lt. drizzle 4:00 AM-8:00 AM

February Totals and Averages

Max. Temp.	86 °
Min. Temp.	26 °
Avg. High	58.8 °
Avg. Low	37.7 °
Avg. Temp	48.3 °
Total RF	4.62 "
Max. RF	2.31 "
Low RH	12 %
Avg. Low RH	51.2 %
Avg. Soil Temp	51.0 °
Year To Date RF	5.48 "

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 1997	B. P. 8 AM	--TEMPERATURES--				RAIN FALL	LOW RH	COMMENTS
		HI	LO	8AM	ONL			
01-Mar	29.88	74	53	64	61	0.02	38	MC;fog;drizzle 6-8AM;T-storms 10PM;small hail
02-Mar	30.01	83	43	44	---	0.51	29	PC;T-storms/RF midnite-2:00 AM
03-Mar	30.09	60	32	40	---	0.00	32	clear
04-Mar	30.02	75	40	51	46	0.00	28	PC;lt. fog
05-Mar	30.20	78	51	51	---	0.06	49	RF 7:30-8:30 AM;temp. dropped to 47 at 10:00 AM
06-Mar	30.51	62	30	37	---	T	27	PC
07-Mar	30.28	65	37	50	50	0.00	13	cldy
08-Mar	30.21	62	50	61	59	0.04	84	drizzle/lt. RF 4:00 AM-midnite
09-Mar	30.20	64	61	63	---	0.08	94	drizzle/lt. RF midnite-11 AM;lt.RF 10 PM-midnite
10-Mar	30.26	77	58	58	---	0.57	61	lt. RF midnite-9:00 AM
11-Mar	30.15	68	55	58	---	0.06	64	RF 4:00 AM-midnite
12-Mar	30.09	62	57	59	---	1.29	97	cldy;lt. RF early AM;RF 11:00 AM-Noon
13-Mar	29.90	70	48	56	---	0.02	61	PC
14-Mar	30.16	83	44	44	---	T	28	lt. drizzle 7:00-8:00 AM
15-Mar	30.20	53	39	41	---	0.00	32	cldy
16-Mar	30.26	56	41	48	44	0.05	48	drizzle/lt. RF midnite-midnite
17-Mar	30.18	56	48	56	51	0.09	98	fog;drizzle/lt. RF midnite-midnite;PM MAX=52
18-Mar	30.14	65	56	63	61	0.02	85	MC;lt. RF 9:00 AM-Noon
19-Mar	30.37	77	45	48	---	0.04	47	PC
20-Mar	30.25	63	33	47	---	0.00	41	clear
21-Mar	30.08	82	41	55	---	0.00	12	clear
22-Mar	30.07	87	45	63	---	0.00	14	PC
23-Mar	30.12	84	45	55	---	0.00	22	PC
24-Mar	30.03	83	55	58	57	T	26	fog;lt. drizzle 6:00 AM-8:00 AM
25-Mar	30.05	80	58	60	60	T	47	drizzle 6-10 AM;Temp. dropped to 52 at noon
26-Mar	30.31	62	40	50	---	0.01	60	PC
27-Mar	30.14	69	50	57	51	0.00	21	cldy
28-Mar	30.01	71	54	61	---	0.00	65	PC;lt. fog
29-Mar	30.02	87	49	54	---	0.00	13	PC
30-Mar	30.28	85	48	52	---	T	24	fog;lt. drizzle;lt. RF 9:00 AM-11:00 AM
31-Mar	30.31	57	42	51	---	0.01	48	MC;occas. lt. RF/drizzle 11:00 AM-midnite *

March Totals and Averages

Max. Temp.	87 °
Min. Temp.	30 °
Avg. High	71.0 °
Avg. Low	46.7 °
Avg. Temp	58.9 °
Total RF	2.87 "
Max. RF	1.29 "
Low RH	12 %
Avg. Low RH	45.4 %
Avg. Soil Temp	60.0 °
Year To Date RF	8.35 "

NOTE

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

* approx. 2/3 of RF recorded on 4/1/97 actually occurred during daytime on 3/31/97 but is recorded on 4/1 because it occurred after 8:00 AM on 3/31.

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

DATE 1997	B. P. 8 AM	--TEMPERATURES--			RAIN	LOW	COMMENTS	
		HI	LO	8AM ONL	FALL	RH		
01-Apr	30.18	60	51	52	---	0.15	95	fog;occas. drizzle/lt. RF midnite-midnite *
02-Apr	30.14	61	52	61	58	0.09	91	fog;drizzle;occas. RF midnite-midnite
03-Apr	30.08	70	58	60	---	0.81	90	fog;RF midnite-midnite
04-Apr	29.74	66	60	66	61	1.62	91	T-showers midnite-midnite;50 deg. by midnite
05-Apr	29.91	79	42	54	---	0.64	58	clear
06-Apr	30.18	73	40	60	---	0.00	19	clear
07-Apr	30.28	72	51	53	---	0.00	22	PC
08-Apr	30.10	77	53	59	58	T	39	cldy;Trace of lt. RF early AM and early evening
09-Apr	30.26	77	46	46	---	0.03	57	fog;drizzle early AM
10-Apr	30.06	66	46	58	54	T	65	fog;drizzle early AM thru 2:00 PM
11-Apr	29.85	68	58	66	63	0.09	82	occas. lt. RF midnite-9 AM;42 deg. by midnite
12-Apr	30.21	71	33	34	---	T	54	PC
13-Apr	30.24	56	32	34	---	0.00	27	PC
14-Apr	30.29	58	34	38	---	0.00	25	PC
15-Apr	30.28	67	36	41	---	0.00	21	PC
16-Apr	30.28	72	41	55	46	0.00	33	cldy;lt. fog
17-Apr	30.30	75	46	49	---	0.00	48	PC;lt. fog
18-Apr	30.20	77	49	56	54	T	31	MC;occas. lt. RF 6:00-9:00 AM;1:00-2:00 PM
19-Apr	30.01	64	55	58	---	0.05	60	lt. RF early AM
20-Apr	29.98	80	48	53	---	0.00	31	PC;lt. RF 9:00 PM-11:00 PM
21-Apr	29.85	86	53	66	63	0.04	35	MC;lt. fog
22-Apr	29.79	93	54	65	---	0.00	18	MC
23-Apr	30.00	75	50	56	---	T	37	PC
24-Apr	29.84	78	53	57	---	0.01	28	PC;lt. RF about 2:00 AM
25-Apr	29.75	76	57	62	60	0.15	35	RF/T-Storms 6 AM-3 PM;52 deg. by midnight
26-Apr	29.95	68	49	51	---	2.11	76	T-Storms 2:00 AM-6:00 AM then occas. lt. RF
27-Apr	30.01	55	50	51	---	0.01	82	cldy;lt. RF 9:30-10:00 AM
28-Apr	30.00	55	39	46	---	T	62	lt. fog
29-Apr	29.98	78	46	61	50	0.00	23	clear
30-Apr	29.90	90	60	64	---	0.00	22	MC;lt. fog

April Totals and Averages

Max. Temp.	93 °
Min. Temp.	32 °
Avg. High	71.4 °
Avg. Low	48.1 °
Avg. Temp	59.8 °
Total RF	5.80 "
Max. RF	2.11 "
Low RH	18 %
Avg. Low RH	48.6 %
Avg. Soil Temp	63.6 °
Year To Date RF	14.15 "

NOTE

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

* approx. 2/3 of RF recorded on 4/1/97 actually occurred during daytime on 3/31/97 but is recorded on 4/1 because it occurred after 8:00 AM on 3/31.

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DATE 1997	B. P. 8 AM	--TEMPERATURES--				RAIN FALL	LOW RH	COMMENTS
		HI	LO	8AM	ONL			
01-May	30.00	89	58	62	---	0.00	18	clear
02-May	29.82	81	62	68	67	T	53	fog;lt. drizzle 6:00 AM-8:00 AM
03-May	30.05	90	47	56	---	0.00	14	PC
04-May	30.21	77	45	55	---	0.00	24	PC
05-May	30.18	79	55	59	57	0.00	18	MC
06-May	30.20	82	59	63	63	0.00	31	cldy;occas. lt. drizzle 10:00 AM-6:00 PM
07-May	30.13	72	63	64	---	0.04	80	fog;lt. drizzle midnight-noon
08-May	30.07	76	64	65	---	T	72	cldy
09-May	30.19	83	59	61	---	0.50	50	T-showers 3-6 AM then occas. lt. RF thru 4 PM
10-May	30.23	62	50	54	---	0.10	65	PC
11-May	30.15	73	43	50	---	0.00	28	PC
12-May	30.08	79	50	64	59	0.00	34	lt. fog;T-showers 12-4 PM;54 degrees by midnite
13-May	30.10	75	49	56	---	0.79	58	PC
14-May	30.00	79	56	67	63	0.00	47	cldy;lt. fog
15-May	30.10	84	67	68	---	0.02	48	cldy;lt. RF 5-7 AM and 6-7 PM
16-May	30.18	82	60	63	---	0.01	41	PC;lt. RF 3:30-4:00 PM
17-May	30.06	78	53	59	---	0.01	52	cldy;fog
18-May	30.01	83	59	68	65	0.00	43	MC
19-May	29.94	83	68	69	---	0.00	49	lt. RF 9-10A;T-storms 8:30P-midnight;62 d. by mid
20-May	30.12	83	58	59	---	1.76	61	lt. RF midnight-3 AM
21-May	30.13	72	59	64	60	T	71	cldy
22-May	30.15	76	61	61	---	0.12	65	lt. RF 7 AM-11 AM
23-May	30.10	79	61	66	66	0.22	55	lt. RF 7 AM-5 PM
24-May	30.12	73	62	64	---	0.61	85	PC
25-May	30.05	82	64	73	---	0.00	57	PC
26-May	29.94	89	73	75	---	0.00	54	cldy;lt. fog
27-May	29.98	91	74	76	---	0.00	55	cldy;lt. fog;T-storms 8-11 PM;64 d. by midnite
28-May	30.14	93	60	67	---	0.39	44	MC
29-May	30.15	81	60	65	---	0.00	49	MC
30-May	30.10	84	65	70	68	0.00	51	MC
31-May	30.06	86	68	69	---	T	50	MC;lt. drizzle early AM; 60 degrees by midnite

May Totals and Averages

Max. Temp.	93 °
Min. Temp.	43 °
Avg. High	80.5 °
Avg. Low	59.1 °
Avg. Temp	69.8 °
Total RF	4.57 "
Max. RF	1.76 "
Low RH	14 %
Avg. Low RH	49.1 %
Avg. Soil Temp	73.6 °

NOTE

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

Year To Date RF 18.72 "

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

DATE 1997	B. P. 8 AM	--TEMPERATURES--				RAIN FALL	LOW RH	COMMENTS
		HI	LO	8AM	ONL			
01-Jun	30.01	81	52	61	---	0.00	35	PC
02-Jun	29.93	85	58	67	---	0.00	34	PC
03-Jun	29.98	88	59	69	---	0.00	42	clear
04-Jun	30.02	90	63	71	---	0.00	43	clear;lt. RF 11 PM
05-Jun	29.93	91	67	71	---	0.13	38	PC
06-Jun	29.87	86	68	71	---	0.00	60	MC;lt. fog;T-storms 3-6 PM;65 degrees by midnite
07-Jun	30.00	85	64	66	---	0.32	49	MC
08-Jun	30.00	81	66	71	68	T	65	MC;T-storms 10 P-midnite;62 degrees by midnite
09-Jun	30.01	85	62	64	---	0.79	54	PC;RF midnite-4 AM
10-Jun	30.08	87	64	72	68	0.00	43	PC;lt. fog;T-storms 11 AM-1 PM;64 d. during storn
11-Jun	30.15	82	64	68	66	0.39	65	fog
12-Jun	29.98	88	68	73	69	0.00	52	PC
13-Jun	29.88	90	71	75	---	0.00	51	MC;lt. fog
14-Jun	30.05	91	74	74	---	0.00	56	cldy;lt. fog
15-Jun	29.91	87	66	69	---	0.28	63	T-showers midnite-5:00 AM
16-Jun	29.98	87	69	69	---	T	47	T-showers 8:00 AM-11:00 AM
17-Jun	29.99	90	69	71	---	0.08	53	clear
18-Jun	30.05	91	63	71	---	0.00	28	cldy
19-Jun	30.13	94	71	75	---	0.00	32	PC
20-Jun	30.04	92	73	75	---	0.00	48	PC;T-showers 10:30 PM-midnite
21-Jun	30.00	87	66	66	---	0.15	45	T-showers midnite-2 AM;4 AM-midnite;63 d. AM
22-Jun	30.00	66	63	65	---	6.02	98	T-showers midnite-11:00 PM
23-Jun	30.13	73	64	71	68	1.74	88	cldy;lt. RF early AM
24-Jun	30.11	86	69	71	---	T	49	PC
25-Jun	30.14	84	67	70	---	0.01	58	occas. lt. RF 7:00 AM-noon
26-Jun	30.21	84	65	72	---	0.01	56	PC
27-Jun	30.20	88	68	72	---	0.00	41	PC
28-Jun	30.17	87	71	72	---	0.00	46	PC
29-Jun	30.10	87	72	72	---	0.00	48	PC
30-Jun	30.09	89	72	73	---	0.00	50	PC

June Totals and Averages

Max. Temp.	94 °
Min. Temp.	52 °
Avg. High	86.1 °
Avg. Low	66.3 °
Avg. Temp	76.2 °
Total RF	9.92 "
Max. RF	6.02 "
Low RH	28 %
Avg. Low RH	51.2 %
Avg. Soil Temp	80.3 °
Year To Date RF	28.64 "

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 1997	B. P. 8 AM	--TEMPERATURES--			RAIN FALL	LOW RH	COMMENTS	
		HI	LO	8AM ONL				
01-Jul	30.11	89	70	72	---	0.00	50	PC
02-Jul	30.09	89	72	74	---	0.00	49	PC
03-Jul	30.09	90	73	74	---	0.00	51	PC
04-Jul	30.13	90	70	72	---	0.00	45	PC
05-Jul	30.20	93	62	69	---	0.00	25	PC
06-Jul	30.09	93	65	70	---	0.00	22	PC
07-Jul	30.18	93	69	72	---	0.00	33	PC
08-Jul	30.20	92	69	72	---	0.00	35	PC
09-Jul	30.18	87	72	75	---	0.00	49	MC
10-Jul	30.17	90	71	74	---	0.00	45	PC
11-Jul	30.18	91	70	72	---	0.00	45	PC
12-Jul	30.21	92	71	73	---	0.00	43	PC
13-Jul	30.18	91	69	71	---	0.00	42	PC
14-Jul	30.16	92	69	74	---	0.00	41	PC
15-Jul	30.20	95	64	73	---	0.00	30	clear
16-Jul	30.20	94	67	74	---	0.00	31	clear
17-Jul	30.13	94	64	72	---	0.00	33	PC
18-Jul	30.07	94	66	72	---	0.00	34	PC
19-Jul	30.08	94	69	73	---	0.00	32	PC
20-Jul	30.12	93	71	74	---	0.00	36	PC;Trace of RF 6:00 PM
21-Jul	30.18	94	72	75	---	T	38	MC;Trace of RF 8:00 PM
22-Jul	30.18	93	71	75	---	T	41	MC;lt. fog
23-Jul	30.19	92	73	74	---	0.00	42	MC
24-Jul	30.20	94	64	71	---	0.00	35	clear
25-Jul	30.20	95	69	73	---	0.00	30	cldy
26-Jul	30.06	94	67	72	---	0.00	35	PC
27-Jul	30.13	95	71	74	---	0.00	34	PC
28-Jul	30.15	94	70	75	---	0.00	39	PC
29-Jul	30.19	96	67	73	---	0.00	32	PC
30-Jul	30.21	97	70	75	---	0.00	32	PC;T-showers 8:00 PM-11:00 PM
31-Jul	30.26	98	70	71	---	0.49	32	PC;lt. fog;lt. RF 2:00 PM-3:00 PM

July Totals and Averages

Max. Temp.	98 °
Min. Temp.	62 °
Avg. High	92.8 °
Avg. Low	68.9 °
Avg. Temp	80.9 °
Total RF	0.49 "
Max. RF	0.49 "
Low RH	22 %
Avg. Low RH	37.5 %
Avg. Soil Temp	90.5 °
Year To Date RF	29.13 "

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		
1997	8 AM	HI	LO	8AM ONL	FALL	RH	COMMENTS	
01-Aug	30.23	87	70	73	---	T	53	MC;lt. fog
02-Aug	30.19	90	67	72	---	0.00	45	PC
03-Aug	30.20	93	68	73	---	0.00	33	PC
04-Aug	30.21	93	69	72	---	0.00	37	lt. fog
05-Aug	30.22	94	66	73	---	0.00	24	PC
06-Aug	30.18	96	66	72	---	0.00	26	clear
07-Aug	30.16	97	70	73	---	0.00	27	PC;RF 3-6 PM
08-Aug	30.19	90	64	65	---	0.15	48	cldy;RF 9-11 AM
09-Aug	30.19	78	65	73	70	0.12	70	PC
10-Aug	30.18	93	73	74	---	0.00	40	PC
11-Aug	30.18	92	74	74	---	0.00	36	cldy
12-Aug	30.20	93	71	72	---	0.00	35	PC
13-Aug	30.27	95	72	74	---	0.00	30	PC
14-Aug	30.13	96	71	73	---	0.00	30	PC
15-Aug	30.02	95	72	73	---	0.00	31	PC
16-Aug	30.04	95	73	76	76	0.00	35	PC
17-Aug	30.11	96	74	76	---	0.00	35	PC
18-Aug	30.20	98	74	75	---	0.00	28	MC
19-Aug	30.18	98	71	72	---	0.00	32	PC
20-Aug	30.18	94	71	73	---	0.00	29	PC
21-Aug	30.22	100	71	74	---	0.00	28	PC
22-Aug	30.19	99	69	72	---	0.00	30	PC
23-Aug	30.21	99	68	72	---	0.00	26	PC
24-Aug	30.18	95	67	71	---	0.00	32	PC
25-Aug	30.21	93	64	68	---	0.00	23	lt. fog
26-Aug	30.24	93	65	68	---	0.00	29	PC;lt. fog
27-Aug	30.21	92	63	69	---	0.00	25	MC;lt. fog
28-Aug	30.15	94	69	72	71	0.00	18	PC;lt. fog
29-Aug	30.10	96	71	72	---	0.00	28	MC
30-Aug	30.09	96	70	71	---	0.00	28	PC
31-Aug	30.15	95	67	70	---	0.00	24	PC

August Totals and Averages

Max. Temp.	100 °
Min. Temp.	63 °
Avg. High	94.0 °
Avg. Low	69.2 °
Avg. Temp	81.6 °
Total RF	0.27 "
Max. RF	0.15 "
Low RH	18 %
Avg. Low RH	32.7 %
Avg. Soil Temp	86.4 °
Year To Date RF	29.40 "

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 1997	B. P. 8 AM	--TEMPERATURES--				RAIN	LOW	COMMENTS
		HI	LO	8AM	ONL	FALL	RH	
01-Sep	30.19	94	64	67	---	0.00	24	PC;lt.fog
02-Sep	30.27	94	64	68	---	0.00	27	PC;lt. fog
03-Sep	30.22	95	68	70	---	0.00	29	PC;occas. T-showers 7:00-11:00 PM
04-Sep	30.20	96	66	69	---	0.15	30	PC;lt. fog
05-Sep	30.20	86	69	72	71	0.00	50	MC;lt. fog
06-Sep	30.15	89	61	63	---	0.00	39	PC
07-Sep	30.16	91	59	63	---	0.00	32	PC
08-Sep	30.11	93	63	72	69	0.00	24	MC;lt. fog
09-Sep	30.05	95	65	68	---	0.00	34	lt. fog
10-Sep	30.10	100	65	68	---	0.00	24	PC
11-Sep	30.10	90	68	69	---	T	33	cldy;Trace of RF 7:30-8:00 AM
12-Sep	30.08	90	65	71	---	0.00	39	cldy
13-Sep	30.13	93	71	72	---	0.00	35	PC
14-Sep	30.21	94	71	72	---	0.00	32	PC;lt.fog
15-Sep	30.19	94	71	72	---	0.00	32	PC
16-Sep	30.09	96	70	72	---	0.00	29	MC
17-Sep	30.06	96	70	72	---	0.00	29	MC
18-Sep	30.10	98	71	72	---	0.00	26	PC
19-Sep	30.10	94	71	72	---	0.00	30	PC
20-Sep	30.12	93	69	71	---	0.00	32	PC;lt. RF about 10:00 PM
21-Sep	30.09	92	70	72	---	T	28	MC;lt. RF early AM and 9:00 PM-midnite
22-Sep	30.08	88	69	70	---	0.14	39	MC;occas. lt. RF AM and PM
23-Sep	30.00	81	70	73	72	0.09	70	MC;lt. fog
24-Sep	30.10	89	64	65	---	0.00	29	cldy
25-Sep	30.16	82	55	57	---	0.00	37	PC
26-Sep	30.15	78	49	51	---	0.00	35	PC
27-Sep	30.13	89	51	54	52	0.00	23	PC
28-Sep	30.10	93	54	63	59	0.00	23	PC
29-Sep	30.10	95	61	63	---	0.00	23	lt. fog
30-Sep	30.13	96	63	67	64	0.00	24	PC

September Totals and Averages

Max. Temp.	100 °
Min. Temp.	49 °
Avg. High	91.8 °
Avg. Low	64.9 °
Avg. Temp	78.4 °
Total RF	0.38 "
Max. RF	0.15 "
Low RH	23 %
Avg. Low RH	32.0 %
Avg. Soil Temp	83.2 °
Year To Date RF	29.78 "

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		
1997	8 AM	HI	LO	8AM ONL	FALL	RH	COMMENTS	
01-Oct	30.18	95	60	62	---	0.00	24	lt. fog
02-Oct	30.19	95	58	60	---	0.00	19	PC
03-Oct	30.08	93	60	68	64	0.00	23	MC;fog
04-Oct	30.10	90	68	70	69	0.00	27	PC
05-Oct	30.11	89	67	68	---	0.00	38	PC;lt. RF 4:00 PM
06-Oct	30.14	89	68	68	---	0.10	35	MC;lt. fog;occas. RF early PM-midnite
07-Oct	30.09	75	66	67	---	0.27	78	cldy;lt. fog;occas. RF afternoon and evening
08-Oct	30.00	86	67	71	69	0.51	46	MC;occas. RF early AM and PM
09-Oct	30.11	88	70	71	---	0.06	49	MC;lt. fog;T-showers 1:30 PM-6:00 PM
10-Oct	30.20	83	67	68	---	0.83	67	cldy;drizzle 7 AM-10 AM,then lt. RF most of day
11-Oct	30.06	71	68	68	---	0.83	95	cldy;lt. RF 7 AM-rest of day and night
12-Oct	29.86	77	68	70	70	0.78	91	cldy;lt RF early AM-11 AM
13-Oct	30.18	76	50	51	---	0.21	54	PC;lt. RF midnite-1 AM
14-Oct	30.50	72	39	39	---	0.00	18	clear
15-Oct	30.39	70	36	37	---	0.00	15	clear
16-Oct	30.33	76	37	40	38	0.00	16	clear
17-Oct	30.22	76	40	42	---	0.00	21	clear
18-Oct	30.18	80	42	43	---	0.00	19	clear
19-Oct	30.17	82	43	51	48	0.00	18	PC
20-Oct	30.14	82	51	62	57	0.00	25	MC;lt. fog
21-Oct	30.18	81	62	62	---	0.00	37	MC;Trace of RF 6:00-7:00 PM
22-Oct	30.20	81	53	53	---	T	34	cldy;lt. fog;occas. drizzle/lt. RF PM
23-Oct	29.91	65	53	62	57	0.06	65	lt. RF 7:00-8:00 AM then occas. thru early PM
24-Oct	29.68	76	48	48	---	0.02	43	PC;lt. fog
25-Oct	29.79	85	48	68	55	0.00	14	PC
26-Oct	30.05	76	44	44	---	T	17	PC;Trace of RF about 4:00 AM
27-Oct	30.23	60	33	42	---	0.00	27	PC
28-Oct	30.12	69	42	48	45	T	17	occas. lt. RF during AM
29-Oct	30.10	66	48	58	53	T	45	cldy;lt. fog
30-Oct	30.02	77	58	66	60	T	48	PC;lt. fog;Trace of RF early AM
31-Oct	29.90	81	54	59	---	0.00	46	fog

October Totals and Averages

Max. Temp.	95 °
Min. Temp.	33 °
Avg. High	79.4 °
Avg. Low	53.8 °
Avg. Temp	66.6 °
Total RF	3.67 "
Max. RF	0.83 "
Low RH	14 %
Avg. Low RH	37.8 %
Avg. Soil Temp	69.8 °

NOTE

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

Year To Date RF 33.45 "

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

DATE	B. P.	--TEMPERATURES--				RAIN	LOW		
1997	8 AM	HI	LO	8AM	ONL	FALL	RH	COMMENTS	
01-Nov	29.97	87	44	62	---	0.00	10	clear	
02-Nov	30.10	76	36	46	---	0.00	19	PC	
03-Nov	30.30	74	32	43	---	0.00	15	clear	
04-Nov	30.12	73	40	53	---	0.00	13	PC	
05-Nov	30.10	78	53	64	61	0.00	43	cldy;lt. fog	
06-Nov	30.30	80	43	51	---	0.00	38	PC	
07-Nov	30.28	71	37	43	---	0.00	26	PC	
08-Nov	30.20	69	39	48	---	0.00	27	PC	
09-Nov	30.18	70	48	60	59	0.00	43	MC;RF 4:00 PM-midnite	
10-Nov	30.12	66	40	40	---	0.77	81	cldy;lt. RF early AM	
11-Nov	30.13	49	31	38	---	T	52	cldy;RF 6:00 PM-midnite	
12-Nov	29.90	47	38	43	41	0.57	68	cldy;lt. RF early AM and 9:00 PM-midnite	
13-Nov	29.70	49	43	47	45	0.28	86	cldy;lt. fog;lt. RF 9:00 AM-Noon	
14-Nov	29.90	62	39	48	---	0.08	64	PC;lt. RF 9:00 PM-midnite	
15-Nov	30.30	69	31	32	---	0.16	36	cldy;lt. RF early AM	
16-Nov	30.35	41	25	29	---	T	66	clear	
17-Nov	30.39	51	29	40	38	0.00	28	cldy	
18-Nov	30.21	46	40	44	42	0.01	51	fog;lt. drizzle early AM	
19-Nov	30.29	68	30	36	---	T	41	PC	
20-Nov	30.01	70	36	49	46	0.00	23	cldy	
21-Nov	29.95	67	38	46	---	0.00	49	PC	
22-Nov	29.98	67	34	37	---	0.00	35	PC	
23-Nov	30.07	70	33	39	---	0.00	25	PC	
24-Nov	30.25	71	38	44	---	0.00	26	lt. fog	
25-Nov	30.21	71	44	61	59	0.00	45	heavy fog;Trace of lt. RF 11:00 AM-Noon	
26-Nov	30.09	70	61	66	64	T	84	MC	
27-Nov	29.95	79	62	63	---	T	52	PC;lt. RF 3:00-4:00 AM	
28-Nov	29.86	71	52	53	---	0.11	63	cldy;lt. RF 5:00 AM-10:00 AM	
29-Nov	29.94	75	42	45	---	T	19	PC	
30-Nov	30.05	66	36	43	---	0.00	22	PC	

November Totals and Averages

Max. Temp.	87 °
Min. Temp.	25 °
Avg. High	66.8 °
Avg. Low	39.8 °
Avg. Temp	53.3 °
Total RF	1.98 "
Max. RF	0.77 "
Low RH	10 %
Avg. Low RH	41.7 %
Avg. Soil Temp	57.6 °
Year To Date RF	35.43 "

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 1997	B. P. 8 AM	--TEMPERATURES--			RAIN	LOW		
		HI	LO	8AM ONL	FALL	RH	COMMENTS	
01-Dec	30.00	67	37	41	---	0.00	21	PC
02-Dec	29.90	56	41	47	45	0.10	65	lt. RF 4:00 AM-midnite;fog afternoon/evening
03-Dec	30.02	54	44	51	---	0.24	88	lt. RF midnite-2:00 AM
04-Dec	30.17	60	29	31	---	0.00	46	clear
05-Dec	30.20	65	31	38	---	0.00	26	PC
06-Dec	30.10	62	31	34	---	0.00	36	PC
07-Dec	30.03	53	34	42	41	T	39	fog;drizzle/lt. RF 7:00 AM-midnite
08-Dec	29.97	53	37	41	---	0.13	97	fog/drizzle early AM then PC
09-Dec	29.75	76	41	46	---	0.00	25	PC
10-Dec	30.07	73	35	35	---	0.00	20	PC
11-Dec	30.25	54	30	32	---	0.00	34	PC
12-Dec	30.38	44	32	32	---	0.00	47	cldy;trace of frozen precip. 10:00-10:30 AM
13-Dec	30.28	42	15	18	---	T	41	clear
14-Dec	30.18	54	18	28	23	0.00	9	clear
15-Dec	30.12	63	23	28	---	0.00	16	clear
16-Dec	30.13	70	26	30	---	0.00	11	clear
17-Dec	30.20	74	28	30	---	0.00	9	clear
18-Dec	30.10	69	25	29	---	0.00	12	clear
19-Dec	30.08	71	29	54	44	0.00	18	cldy;fog;RF 9:00 PM-midnite
20-Dec	29.96	68	54	62	61	0.17	64	occas. RF midnite-8:00 PM
21-Dec	30.00	67	36	40	---	0.68	76	PC
22-Dec	30.00	67	33	39	---	0.00	25	PC
23-Dec	29.83	64	39	50	49	0.28	46	cldy;fog;lt. mist;RF 3:00-4:00 AM;Noon-3:00 PM
24-Dec	29.82	54	37	44	---	0.49	65	PC
25-Dec	30.04	63	32	36	---	0.00	25	PC;lt. RF 9:00 PM-midnite
26-Dec	30.15	46	33	33	---	0.17	62	lt. RF midnite-11:00 AM;Sleet 8:30 AM
27-Dec	30.11	39	27	30	---	0.01	69	PC
28-Dec	30.08	52	23	29	---	0.00	26	clear;windy
29-Dec	30.18	53	21	23	---	0.00	21	clear
30-Dec	30.11	65	23	28	26	0.00	12	clear
31-Dec	30.08	68	28	39	38	0.00	12	PC

December Totals and Averages

Max. Temp.	76 °
Min. Temp.	15 °
Avg. High	60.2 °
Avg. Low	31.4 °
Avg. Temp	45.8 °
Total RF	2.27 "
Max. RF	0.68 "
Low RH	9 %
Avg. Low RH	37.5 %
Avg. Soil Temp	48.0 °

NOTE

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

Year To Date RF 37.70 "