

MESONET CLIMATOLOGICAL DATA SUMMARY  
 (TIPT) Tipton  
 Latitude: 34-26-22

May 2013  
 Nearest City: 4.0 S Tipton  
 Longitude: 99-08-15

Time Zone: Midnight-Midnight CST  
 County: Tillman  
 Elevation: 1270 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	86	44	67.3	55.1	0	0	92	40	67	0.00	28.52	29.87	SE	17.3	42.3	20.39	NA	74.6	81	70
2	55	33	44.0	32.7	21	0	92	33	67	0.02	29.02	30.38	N	23.1	54.1	10.58	NA	62.5	70	58
3	71	27	49.6	24.3	16	0	92	12	48	0.00	28.84	30.20	NW	9.7	29.4	30.15	NA	60.9	70	52
4	73	31	53.7	25.9	13	0	88	8	45	0.00	28.66	30.01	NNW	11.4	42.1	30.31	NA	63.0	70	56
5	70	37	53.7	41.2	11	0	89	38	65	0.00	28.77	30.12	NNW	7.0	19.4	23.40	NA	63.9	72	58
6	77	40	61.6	44.2	6	0	93	29	58	0.00	28.71	30.07	E	5.0	17.7	24.96	NA	67.2	76	59
7	86	50	71.4	45.7	0	3	89	20	45	0.00	28.61	29.96	SE	11.9	28.3	29.02	NA	71.6	79	64
8	88	56	74.6	55.7	0	7	75	36	53	0.00	28.49	29.84	S	14.7	35.7	22.35	NA	73.6	80	67
9	82	59	68.8	58.7	0	6	96	37	72	0.10	28.52	29.86	S	8.1	25.9	16.15	NA	72.4	78	69
10	74	53	63.9	55.3	1	0	95	46	76	0.25	28.69	30.04	N	11.6	39.5	22.94	NA	68.8	74	64
11	83	48	65.0	48.8	0	0	98	19	63	0.00	28.81	30.17	NNE	8.1	31.7	28.76	NA	70.0	80	61
12	82	46	66.3	39.6	1	0	87	15	44	0.00	28.83	30.19	SSE	8.4	22.5	29.70	NA	71.5	81	62
13	93*	54*	76.0*	40.3*	0*	9*	73*	12*	33*	0.00*	28.74*	30.09*	SSW*	12.4*	29.8*	NA	NA	74.6*	83*	66*
14	92	63	78.8	46.6	0	12	54	18	34	0.00	28.64	29.99	S	14.0	35.4	30.18	NA	76.9	84	69
15	85	64	72.5	58.8	0	9	91	28	64	0.03	28.49	29.83	S	11.9	27.0	15.63	NA	76.2	80	73
16	82	61	69.3	60.4	0	7	95	45	76	0.00	28.44	29.78	E	10.3	22.0	23.61	NA	75.6	83	70
17	94	66	76.2	68.1	0	15	98	44	79	0.00	28.44	29.78	E	12.2	32.4	22.29	NA	77.9	85	72
18	102	71	83.4	64.3	0	22	94	14	60	0.00	28.37	29.71	SSE	16.2	49.4	21.23	NA	80.7	87	75
19	101	67	85.7	46.4	0	19	71	7	35	0.00	28.27	29.61	S	16.8	40.9	30.25	NA	82.1	89	77
20	98	67	81.5	51.7	0	18	88	9	44	0.00	28.33	29.67	W	10.2	30.1	30.77	NA	82.6	90	76
21	78	57	67.7	52.2	0	2	86	31	60	0.26	28.48	29.82	NNE	12.2	36.2	19.87	NA	77.1	83	72
22	90	53	72.7	48.4	0	7	95	16	51	0.00	28.51	29.86	ESE	9.1	28.3	30.66	NA	76.1	86	66
23	91	64	76.3	62.2	0	12	86	26	64	0.00	28.58	29.93	ESE	18.9	39.8	17.64	NA	77.4	83	73
24	92	64	76.5	63.4	0	13	89	37	67	0.00	28.71	30.06	E	16.2	35.5	22.48	NA	78.7	85	73
25	88	63	74.6	62.9	0	10	90	40	69	0.06	28.69	30.05	SE	13.7	32.9	20.04	NA	77.6	83	73
26	94	69	81.6	63.8	0	16	91	32	59	0.00	28.57	29.91	SSE	16.2	35.0	27.70	NA	80.8	88	74
27	97	72	83.3	64.6	0	19	82	31	56	0.00	28.42	29.77	S	20.4	46.6	25.58	NA	82.8	89	78
28	82	74	78.1	65.6	0	13	80	53	66	0.00	28.38	29.72	S	15.3	34.6	11.26	NA	80.3	82	78
29	89	70	78.0	65.7	0	14	85	40	67	0.12	28.29	29.63	SSE	20.1	45.7	14.15	NA	78.0	82	75
30	99	74	85.0	60.1	0	22	82	9	51	0.00	28.28	29.62	SSE	16.6	32.4	25.00	NA	80.0	88	73
31	106	73	89.7	60.9	0	25	76	12	44	0.00	28.29	29.62	S	15.8	33.8	29.75	NA	84.4	92	78

86\* 57\* 71.8\* 52.7\*      <- Monthly Averages ->      28.56\* 29.91\*      S \* 13.4\* 54.1\*      23.56\*      NA 74.8\* 82\* 69\*

Temperature - Highest: 106* Lowest: 27*	Degree Days - Total HDD: 70* Total CDD: 280*	Number of Days With: Tmax ≥ 90: 13*      Rainfall ≥ 0.01 inch: 7* Tmax ≤ 32: 0*      Rainfall ≥ 0.10 inch: 4* Tmin ≤ 32: 2*      Avg Wind Speed ≥ 10 mph: 24* Tmin ≤ 0: 0*      Max Wind Speed ≥ 30 mph: 21*
Rainfall: Monthly Total: 0.84* in. Greatest 24 Hr: 0.26* in.	Humidity - Highest: 98* Lowest: 7*	

MESONET CLIMATOLOGICAL DATA SUMMARY June 2013 Time Zone: Midnight-Midnight CST  
 (TIPT) Tipton Nearest City: 4.0 S Tipton County: Tillman  
 Latitude: 34-26-22 Longitude: 99-08-15 Elevation: 1270 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	90	65	78.1	48.4	0	12	82	15	41	0.00	28.53	29.88	NNE	14.3	40.9	31.07	NA	84.5	90	80
2	84	58	71.0	46.5	0	6	83	22	46	0.00	28.70	30.05	NE	8.4	21.4	31.31	NA	82.3	90	76
3	96	63	78.9	52.0	0	14	74	22	43	0.00	28.52	29.87	SE	15.4	30.2	27.61	NA	82.3	89	76
4	99	66	82.1	62.6	0	17	93	29	55	0.05	28.44	29.78	E	18.2	35.4	28.36	NA	83.8	90	78
5	89	70	79.4	63.8	0	15	83	43	60	0.00	28.51	29.86	ENE	16.5	35.1	24.25	NA	84.2	89	79
6	82	64	71.1	60.6	0	8	96	42	72	0.42	28.60	29.95	NE	11.4	28.7	22.18	NA	79.2	84	75
7	85	57	72.5	55.4	0	6	96	32	60	0.00	28.62	29.97	SE	6.4	20.2	28.07	NA	79.1	89	70
8	91*	64*	76.9*	54.6*	0*	13*	94*	23*	50*	0.60*	28.49*	29.84*	SSE*	15.7*	51.1*	23.35*	NA	79.6*	86*	74*
9	92	62	76.2	60.5	0	12	96	24	65	0.06	28.56	29.91	SSE	7.0	33.5	31.05	NA	79.5	88	71
10	101	67	84.4	58.2	0	19	90	15	49	0.00	28.55	29.90	S	12.4	26.8	31.39	NA	82.7	93	73
11	99	69	86.0	58.1	0	19	67	23	41	0.00	28.57	29.91	S	13.7	30.2	31.10	NA	85.6	94	77
12	100	73	86.8	62.0	0	21	74	25	46	0.00	28.59	29.94	S	13.8	34.6	30.29	NA	87.2	95	80
13	100	73	87.4	63.3	0	22	78	24	48	0.00	28.61	29.96	SSE	9.9	27.0	30.07	NA	88.8	97	81
14	95	71	84.1	60.7	0	18	84	26	49	0.00	28.60	29.95	SSW	9.1	23.8	22.38	NA	88.0	93	83
15	92	71	79.9	63.7	0	16	90	37	60	0.03	28.60	29.95	S	10.1	31.5	22.31	NA	85.9	91	82
16	98	70	85.0	65.9	0	19	92	31	56	0.00	28.57	29.92	SE	10.8	37.7	29.22	NA	87.9	96	81
17	90	68	78.7	66.0	0	14	97	36	67	0.71	28.59	29.94	ENE	9.7	48.8	28.32	NA	84.5	89	79
18	89	70	78.1	64.6	0	14	93	37	66	0.00	28.64	29.99	ESE	8.3	21.6	27.78	NA	83.2	92	76
19	84	70	74.8	66.9	0	12	93	46	78	0.14	28.59	29.94	ESE	10.8	43.8	9.22	NA	78.2	83	76
20	98	69	83.7	64.3	0	18	86	28	56	0.00	28.56	29.91	SSE	15.8	34.9	29.58	NA	81.4	91	73
21	97	76	86.5	63.9	0	22	68	29	49	0.00	28.59	29.94	SSE	15.4	32.4	27.08	NA	86.2	94	79
22	98	73	86.8	59.9	0	21	67	26	42	0.00	28.54	29.89	SSE	17.2	33.8	29.05	NA	87.2	94	81
23	100	74	87.3	55.7	0	22	67	18	38	0.00	28.50	29.85	SSE	18.4	39.7	25.55	NA	86.9	93	82
24	98	75	86.3	59.8	0	22	60	26	42	0.00	28.53	29.88	SSE	16.6	35.6	26.71	NA	87.3	93	82
25	102	78	89.3	64.1	0	25	62	30	45	0.00	28.47	29.82	S	17.1	33.5	28.99	NA	88.7	95	83
26	105	78	91.6	62.8	0	27	59	25	40	0.00	28.48	29.82	S	14.1	30.3	29.39	NA	90.8	98	84
27	107	76	91.7	61.0	0	26	74	16	41	0.00	28.57	29.92	S	11.1	48.5	30.32	NA	92.3	100	85
28	105	76	89.3	56.4	0	25	59	17	36	0.00	28.60	29.95	NNE	10.8	27.7	30.95	NA	92.9	99	87
29	99	72	85.5	55.4	0	20	69	21	39	0.00	28.57	29.92	ENE	7.8	22.7	25.13	NA	91.1	97	86
30	94	70	81.5	52.9	0	17	75	20	41	0.00	28.62	29.97	NNE	11.0	35.5	28.45	NA	89.9	95	85
95* 70* 82.4* 59.7*				<- Monthly Averages ->						28.56* 29.91*		SSE* 12.6* 51.1*			27.35*		NA 85.4* 92* 79*			

Temperature - Highest: 107*	Degree Days - Total HDD: 0*	Number of Days With:
Lowest: 57*	Total CDD: 522*	
Rainfall: Monthly Total: 2.01* in.	Humidity - Highest: 97*	Tmax ≤ 32: 0* Rainfall ≥ 0.10 inch: 4*
Greatest 24 Hr: 0.71* in.	Lowest: 15*	Tmin ≤ 32: 0* Avg Wind Speed ≥ 10 mph: 22*
		Tmin ≤ 0: 0* Max Wind Speed ≥ 30 mph: 21*

MESONET CLIMATOLOGICAL DATA SUMMARY July 2013 Time Zone: Midnight-Midnight CST  
 (TIPT) Tipton Nearest City: 4.0 S Tipton County: Tillman  
 Latitude: 34-26-22 Longitude: 99-08-15 Elevation: 1270 feet

DAY	TEMPERATURE ( F)				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	87	61	74.4	49.4	0	9	76	22	45	0.00	28.73	30.08	NNE	10.1	29.0	26.20	NA	86.6	92	82
2	90	54	74.1	42.7	0	7	77	15	38	0.00	28.74	30.10	N	6.1	20.9	29.64	NA	85.4	93	78
3	92	57	77.2	43.2	0	10	75	15	35	0.00	28.66	30.01	ESE	6.1	19.2	26.77	NA	85.8	93	79
4	96	65	81.6	47.6	0	16	79	15	35	0.00	28.58	29.93	ESE	10.8	30.1	26.49	NA	86.5	94	80
5	101	67	85.3	50.5	0	19	72	13	36	0.00	28.54	29.89	SE	13.7	30.3	29.83	NA	88.0	95	82
6	100	70	87.1	52.9	0	20	61	16	33	0.00	28.53	29.88	SE	14.4	31.3	27.39	NA	88.9	95	83
7	99	74	86.6	56.5	0	21	59	22	38	0.00	28.59	29.94	ESE	11.4	24.2	21.94	NA	88.8	94	84
8	102	72	88.5	60.3	0	22	71	22	42	0.00	28.64	29.99	SE	11.1	26.2	26.11	NA	89.9	96	84
9	103	77	90.6	59.8	0	25	63	22	38	0.00	28.65	30.00	S	12.3	24.9	28.91	NA	92.0	99	86
10	103*	77*	90.5*	57.5*	0*	25*	53*	21*	35*	0.00*	28.63*	29.98*	S *	8.8*	22.7*	NA	NA	92.8*	99*	87*
11	105	77	90.0	58.6	0	26	55	17	37	0.00	28.58	29.92	SSE	8.1	33.6	23.81	NA	93.4	100	87
12	104	76	90.9	60.5	0	25	72	19	40	0.00	28.56	29.91	SE	10.6	26.5	27.29	NA	93.6	100	88
13	106	77	91.5	57.6	0	26	67	15	37	0.00	28.57	29.92	ESE	10.0	26.5	27.42	NA	94.3	101	88
14	85	65	73.7	61.3	0	10	95	44	68	0.37	28.63	29.98	ESE	14.1	39.3	8.37	NA	87.2	94	78
15	75	64	68.6	63.6	0	5	96	65	85	0.01	28.71	30.06	ESE	8.9	21.5	13.12	NA	77.2	80	75
16	76	68	71.3	69.4	0	7	97	87	94	2.31	28.80	30.16	ESE	10.1	29.9	5.83	NA	75.0	77	74
17	83	69	74.9	69.8	0	11	96	64	85	0.34	28.87	30.23	E	8.5	20.7	13.57	NA	76.3	82	73
18	90	69	79.0	67.4	0	14	96	40	71	0.00	28.78	30.14	S	8.0	24.8	28.26	NA	78.9	85	73
19	94	70	82.1	66.4	0	17	93	33	63	0.00	28.65	30.00	SSW	7.2	32.5	29.27	NA	83.4	93	75
20	96	72	84.3	65.0	0	19	90	29	57	0.00	28.56	29.91	S	9.0	22.7	28.95	NA	87.2	96	79
21	98	73	85.7	65.1	0	20	87	30	54	0.00	28.51	29.86	S	10.3	25.6	28.35	NA	88.6	96	81
22	98	75	86.6	68.3	0	22	81	35	57	0.00	28.53	29.88	SSW	12.2	31.6	28.45	NA	89.6	97	83
23	99	77	88.2	69.0	0	23	78	35	55	0.00	28.52	29.87	S	11.5	25.8	28.25	NA	90.8	98	84
24	97	73	85.2	67.1	0	20	80	35	57	0.00	28.59	29.94	E	12.8	42.6	27.76	NA	91.2	98	85
25	86	73	79.2	71.4	0	14	91	61	77	0.10	28.68	30.03	ESE	9.3	22.6	12.20	NA	86.4	91	84
26	87	71	78.5	70.1	0	14	96	49	77	0.25	28.63	29.98	NNE	11.1	30.4	21.38	NA	83.9	89	80
27	90	66	78.3	64.3	0	13	97	34	67	0.00	28.66	30.02	SE	7.3	18.7	28.92	NA	85.5	95	76
28	93	69	80.5	62.4	0	16	91	29	59	0.00	28.58	29.93	SSE	12.3	26.1	29.06	NA	86.6	94	79
29	97	74	85.4	68.7	0	21	85	40	60	0.00	28.54	29.89	SSE	15.8	31.4	22.81	NA	87.5	93	82
30	98	76	87.0	67.8	0	22	79	36	55	0.00	28.63	29.98	NE	10.0	28.0	23.45	NA	89.7	96	84
31	98	75	85.2	69.5	0	22	92	29	63	0.00	28.69	30.04	NNE	8.9	21.8	28.29	NA	91.2	99	85

94\* 70\* 82.6\* 61.4\* <- Monthly Averages -> 28.63\* 29.98\* ESE\* 10.4\* 42.6\* 24.27\* NA 87.2\* 94\* 81\*

Temperature - Highest: 106* Lowest: 54*	Degree Days - Total HDD: 0* Total CDD: 540*	Number of Days With: Tmax ≥ 90: 24*      Rainfall ≥ 0.01 inch: 6* Tmax ≤ 32: 0*      Rainfall ≥ 0.10 inch: 5* Tmin ≤ 32: 0*      Avg Wind Speed ≥ 10 mph: 19* Tmin ≤ 0: 0*      Max Wind Speed ≥ 30 mph: 10*
Rainfall: Monthly Total: 3.38* in. Greatest 24 Hr: 2.31* in.	Humidity - Highest: 97* Lowest: 13*	

MESONET CLIMATOLOGICAL DATA SUMMARY August 2013 Time Zone: Midnight-Midnight CST  
 (TIPT) Tipton Nearest City: 4.0 S Tipton County: Tillman  
 Latitude: 34-26-22 Longitude: 99-08-15 Elevation: 1270 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	98	74	85.3	67.4	0	21	89	30	58	0.00	28.66	30.02	ESE	8.8	20.0	26.28	NA	91.5	99	85
2	105	78	91.9	62.6	0	27	80	19	43	0.00	28.51	29.86	SSE	14.6	28.1	27.58	NA	92.0	99	86
3	105	78	91.4	58.9	0	26	58	18	36	0.00	28.57	29.92	SSE	13.7	26.4	28.19	NA	92.7	99	87
4	102	77	89.9	60.6	0	25	63	21	40	0.00	28.62	29.97	SSE	11.5	26.0	28.85	NA	93.1	100	87
5	104	78	91.6	60.6	0	26	65	21	39	0.00	28.55	29.89	SSE	12.7	25.9	28.29	NA	93.5	100	88
6	107	77	92.9	57.2	0	27	56	16	33	0.00	28.46	29.81	SSE	13.4	29.6	28.68	NA	93.7	100	88
7	99*	73*	88.4*	63.7*	0*	21*	88*	29*	46*	0.14*	28.47*	29.81*	NE *	8.9*	52.0*	NA	NA	93.6*	98*	89*
8	101	71	81.0	68.2	0	21	95	28	71	0.18	28.50	29.85	E	9.4	43.5	21.24	NA	88.8	96	84
9	90	70	78.9	68.5	0	15	95	43	73	0.07	28.62	29.97	N	8.3	36.0	24.27	NA	86.1	93	80
10	89	69	78.1	66.3	0	14	95	43	70	0.00	28.75	30.10	N	8.6	19.2	26.54	NA	87.1	95	80
11	97	70	81.8	66.8	0	19	95	32	65	0.07	28.70	30.05	E	7.6	35.3	22.69	NA	88.4	96	81
12	100	74	83.9	68.7	0	22	97	28	66	0.14	28.64	30.00	WSW	8.3	26.0	22.70	NA	88.6	96	82
13	89	73	79.5	69.9	0	16	94	50	74	0.01	28.65	30.01	NE	8.3	22.7	18.55	NA	85.4	92	80
14	90	69	78.9	66.5	0	15	96	41	69	0.00	28.69	30.05	NE	8.8	21.5	22.92	NA	86.3	93	80
15	91	70	79.0	65.8	0	16	87	43	65	0.00	28.66	30.01	ESE	10.4	27.4	19.60	NA	86.3	92	81
16	90	66	76.4	64.1	0	13	95	39	69	0.10	28.69	30.04	E	8.0	38.7	25.89	NA	85.9	94	78
17	88	66	76.7	62.2	0	12	91	39	64	0.00	28.72	30.07	E	10.2	20.2	23.03	NA	85.3	92	79
18	92	67	79.3	60.0	0	14	86	30	55	0.00	28.69	30.05	SE	12.3	29.6	24.40	NA	85.5	92	80
19	95	68	82.0	58.6	0	17	78	27	49	0.00	28.65	30.00	ESE	13.1	28.7	24.24	NA	85.8	92	80
20	98	70	84.3	58.5	0	19	72	25	45	0.00	28.63	29.98	SE	12.6	28.3	24.60	NA	86.9	94	81
21	97	66	82.9	56.1	0	16	77	22	43	0.00	28.68	30.03	SE	9.7	24.3	24.90	NA	87.1	93	81
22	98	72	85.1	60.9	0	20	73	25	47	0.00	28.66	30.01	SE	9.1	23.7	24.22	NA	88.0	95	82
23	101	73	86.8	61.8	0	22	75	22	47	0.00	28.63	29.98	SE	9.4	27.6	24.62	NA	89.6	97	84
24	101	73	86.3	63.2	0	22	81	24	50	0.00	28.68	30.03	ESE	9.6	26.2	22.78	NA	90.1	96	85
25	99	74	86.2	62.7	0	22	76	26	49	0.00	28.75	30.11	ESE	10.8	24.5	22.17	NA	89.8	96	85
26	97	70	83.9	61.1	0	18	77	27	49	0.00	28.76	30.12	SE	10.0	23.9	20.80	NA	88.7	94	84
27	92	69	80.7	64.0	0	15	78	39	58	0.00	28.70	30.06	SSE	10.7	28.8	20.27	NA	87.6	93	83
28	99	75	85.5	63.0	0	22	81	27	51	0.00	28.67	30.03	S	11.3	26.4	23.34	NA	88.6	95	83
29	101	73	87.5	56.4	0	22	64	19	38	0.00	28.67	30.02	SSE	8.5	25.2	25.50	NA	89.5	96	83
30	105	71	89.5	55.8	0	23	71	18	35	0.00	28.59	29.94	SSE	8.1	22.0	24.91	NA	90.7	97	84
31	106	74	90.4	52.8	0	25	54	14	31	0.00	28.50	29.85	SSE	7.4	22.5	24.33	NA	91.2	98	85

98\* 72\* 84.4\* 62.3\* <- Monthly Averages -> 28.64\* 29.99\* SSE\* 10.1\* 52.0\* 24.21\* NA 88.9\* 96\* 83\*

Temperature - Highest: 107* Lowest: 66*	Degree Days - Total HDD: 0* Total CDD: 612*	Number of Days With: Tmax ≥ 90: 28* Tmax ≤ 32: 0* Tmin ≤ 32: 0* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 7* Rainfall ≥ 0.10 inch: 4* Avg Wind Speed ≥ 10 mph: 14* Max Wind Speed ≥ 30 mph: 5*
Rainfall: Monthly Total: 0.71* in. Greatest 24 Hr: 0.18* in.	Humidity - Highest: 97* Lowest: 14*		

MESONET CLIMATOLOGICAL DATA SUMMARY  
 (TIPT) Tipton  
 Latitude: 34-26-22

September 2013  
 Nearest City: 4.0 S Tipton  
 Longitude: 99-08-15

Time Zone: Midnight-Midnight CST  
 County: Tillman  
 Elevation: 1270 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	104	72	87.3	58.3	0	23	64	19	40	0.00	28.51	29.86	NE	7.0	24.4	17.25	NA	90.5	96	86
2	97	71	83.1	62.5	0	19	83	28	53	0.00	28.62	29.97	ENE	9.1	22.2	21.88	NA	89.7	96	85
3	97	64	80.3	53.0	0	15	83	15	44	0.00	28.66	30.02	ENE	8.1	16.8	24.61	NA	88.5	95	82
4	99	61	81.6	53.2	0	15	86	12	44	0.00	28.70	30.05	E	7.2	18.4	24.91	NA	88.0	95	81
5	101	72	86.0	58.6	0	21	72	22	43	0.00	28.71	30.07	E	9.2	21.3	21.74	NA	89.0	95	83
6	101	72	86.8	58.3	0	21	66	22	41	0.00	28.67	30.03	E	7.6	23.5	20.58	NA	89.6	96	84
7	102	71	85.6	60.2	0	21	74	20	47	0.19	28.62	29.97	ESE	7.4	44.3	21.55	NA	89.6	96	84
8	99	70	84.1	59.8	0	19	86	21	50	0.00	28.58	29.93	SE	8.7	23.4	22.84	NA	86.9	94	80
9	96	69	83.5	59.5	0	17	80	26	47	0.00	28.59	29.93	SSE	11.4	28.1	23.02	NA	87.2	93	81
10	95	71	82.8	62.6	0	18	79	32	53	0.00	28.67	30.03	SSE	12.6	27.8	19.79	NA	87.0	92	82
11	96	71	82.2	60.3	0	18	79	25	51	0.00	28.72	30.08	SE	9.6	23.7	19.23	NA	86.8	92	82
12	96*	68*	83.2*	59.0*	0*	17*	79*	24*	47*	0.00*	28.69*	30.04*	E *	7.4*	21.2*	NA	NA	87.3*	93*	81*
13	88	72	78.0	66.6	0	15	84	44	69	0.00	28.63	29.98	ENE	11.0	30.7	10.83	NA	85.7	89	84
14	92	70	79.3	64.7	0	16	83	37	63	0.00	28.59	29.94	E	11.2	22.7	17.19	NA	84.8	91	81
15	96	70	83.1	61.2	0	18	74	27	50	0.00	28.62	29.97	ESE	11.1	26.5	18.54	NA	85.7	91	81
16	93	70	79.8	64.8	0	17	92	34	63	0.07	28.72	30.07	NNE	10.5	34.5	18.26	NA	86.3	92	82
17	88	69	75.0	69.8	0	14	96	47	85	1.13	28.68	30.03	SE	6.5	34.3	9.87	NA	80.9	85	78
18	92	73	80.8	65.5	0	18	92	32	63	0.00	28.58	29.93	SSE	10.9	27.6	21.11	NA	78.6	83	76
19	84	69	74.5	66.8	0	11	95	58	77	0.07	28.58	29.93	SSE	8.3	27.6	6.72	NA	75.3	77	73
20	70	57	66.4	61.7	2	0	94	65	85	0.15	28.64	29.99	NNE	12.2	25.5	6.83	NA	71.9	75	68
21	81	51	65.8	52.0	0	1	98	26	68	0.00	28.64	30.00	NW	4.4	12.2	23.09	NA	70.3	78	63
22	84	54	69.4	49.6	0	4	91	24	55	0.00	28.52	29.87	SE	8.9	20.1	23.11	NA	72.3	82	65
23	87	56	71.7	50.8	0	6	87	25	52	0.00	28.44	29.78	SE	13.5	29.7	22.21	NA	73.7	82	66
24	90	60	74.4	47.8	0	10	81	15	45	0.00	28.59	29.94	N	8.8	21.4	22.37	NA	76.2	84	69
25	94	57	76.0	51.7	0	10	86	20	49	0.00	28.48	29.82	SE	9.4	27.3	21.99	NA	76.9	85	69
26	95	68	80.9	56.4	0	17	74	22	47	0.00	28.44	29.78	SSE	16.3	34.4	21.35	NA	79.4	86	74
27	91	67	79.1	63.1	0	14	75	41	59	0.00	28.47	29.82	SSE	17.1	38.6	16.58	NA	79.4	84	74
28	78	54	67.2	57.6	0	1	98	40	74	0.70	28.64	29.99	N	13.0	34.2	14.49	NA	74.4	80	67
29	78	50	63.0	48.6	1	0	98	22	66	0.00	28.68	30.04	SSE	4.2	11.3	22.32	NA	68.8	77	62
30	88	54	70.2	52.0	0	6	89	26	57	0.00	28.48	29.83	SSE	12.0	27.7	21.64	NA	69.4	78	62
92* 65* 78.0* 58.5*				<- Monthly Averages ->							28.61* 29.96*		SSE* 9.8* 44.3*			19.17*	NA 81.7* 88* 76*			

Temperature - Highest: 104* Lowest: 50*	Degree Days - Total HDD: 3* Total CDD: 406*	Number of Days With: Tmax ≥ 90: 20* Tmax ≤ 32: 0* Tmin ≤ 32: 0* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 6* Rainfall ≥ 0.10 inch: 4* Avg Wind Speed ≥ 10 mph: 13* Max Wind Speed ≥ 30 mph: 7*
Rainfall: Monthly Total: 2.31* in. Greatest 24 Hr: 1.13* in.	Humidity - Highest: 98* Lowest: 12*		

MESONET CLIMATOLOGICAL DATA SUMMARY      October      2013      Time Zone: Midnight-Midnight CST  
 (TIPT) Tipton      Nearest City: 4.0 S      Tipton      County: Tillman  
 Latitude: 34-26-22      Longitude: 99-08-15      Elevation: 1270 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	92	59	74.1	57.7	0	10	89	30	60	0.00	28.50	29.84	SE	14.0	29.0	20.78	NA	73.0	82	65
2	90	66	76.7	64.8	0	13	94	43	69	0.00	28.52	29.86	SSE	15.1	27.9	17.90	NA	76.2	84	70
3	92	70	80.2	66.4	0	16	95	40	66	0.00	28.44	29.78	SSE	18.3	37.5	19.62	NA	78.7	86	73
4	91	58	80.2	65.4	0	9	95	43	62	0.26	28.43	29.78	SSE	19.2	44.2	18.56	NA	80.1	86	75
5	69	50	58.2	40.4	6	0	89	26	55	0.01	28.73	30.08	N	13.9	37.2	17.44	NA	68.4	78	63
6	76	41	58.7	37.5	6	0	92	19	53	0.00	28.76	30.12	NNW	6.4	28.1	20.99	NA	64.7	74	57
7	81	46	63.8	41.4	1	0	93	20	52	0.00	28.76	30.12	ESE	5.0	13.5	20.44	NA	67.9	78	59
8	86	51	67.5	39.9	0	3	67	18	40	0.00	28.65	30.00	ESE	12.4	24.4	19.78	NA	69.4	78	62
9	84	54	68.9	46.0	0	4	75	24	47	0.00	28.61	29.96	SE	14.9	30.9	17.94	NA	70.1	77	64
10	86	58	72.0	56.3	0	7	84	36	60	0.00	28.54	29.89	SE	17.1	34.8	19.04	NA	72.2	79	66
11	89	59	73.2	46.7	0	9	89	13	49	0.00	28.46	29.81	S	10.8	27.5	19.49	NA	74.2	81	69
12	80	51	65.4	46.8	0	1	79	32	54	0.00	28.66	30.02	NNE	9.2	22.4	19.20	NA	72.2	79	66
13	73	56	67.3	60.0	0	0	91	69	78	0.00	28.80	30.16	ESE	10.2	25.4	6.78	NA	70.8	73	68
14	77	67	71.0	67.4	0	7	97	76	88	0.06	28.60	29.95	SSE	11.2	20.9	4.58	NA	71.0	72	70
15	70	53	57.9	45.7	4	0	96	44	65	0.00	28.70	30.05	N	14.2	36.2	3.77	NA	65.9	70	63
16	59	41	50.7	37.8	15	0	87	41	62	0.00	28.78	30.14	N	8.7	25.7	10.56	NA	62.5	67	59
17	74	35	54.7	40.5	11	0	95	31	64	0.00	28.67	30.03	SE	5.8	17.5	18.41	NA	62.1	71	54
18	57	36	49.9	45.7	19	0	98	65	86	0.23	28.68	30.03	N	14.2	40.7	2.17	NA	59.3	64	52
19	67	33	48.7	35.9	15	0	97	26	68	0.00	28.78	30.13	WNW	7.5	16.0	18.96	NA	54.4	63	47
20	75	43	58.3	45.2	6	0	85	39	64	0.00	28.53	29.87	SSE	12.6	27.7	18.21	NA	58.1	67	51
21	67	41	54.8	41.4	11	0	92	29	65	0.00	28.69	30.04	NNE	13.0	33.8	16.51	NA	60.4	67	56
22	81	38	57.4	38.8	5	0	94	19	58	0.00	28.74	30.10	W	7.1	23.7	17.79	NA	59.9	69	52
23	86	43	62.7	36.8	1	0	90	13	48	0.00	28.70	30.05	SW	7.9	27.6	17.68	NA	62.7	71	55
24	68	43	55.1	40.6	10	0	94	33	62	0.00	28.87	30.23	NE	10.4	25.4	17.33	NA	62.3	68	57
25	67	44	55.1	41.4	10	0	70	47	60	0.00	28.93	30.30	SE	11.1	23.8	15.89	NA	60.9	68	55
26	77	53	62.0	52.9	0	0	95	37	74	0.00	28.76	30.11	ESE	10.3	30.0	10.04	NA	63.4	68	59
27	72	42	57.8	42.8	8	0	94	33	60	0.00	28.71	30.06	SE	7.5	17.6	17.02	NA	64.0	71	58
28	73	52	63.2	59.9	3	0	100	75	90	0.00	28.62	29.97	SE	15.4	31.2	4.95	NA	63.3	66	60
29	83	67	73.6	65.5	0	10	92	55	77	0.00	28.58	29.93	SSE	16.2	31.4	9.40	NA	68.2	72	65
30	80	63	72.8	66.5	0	6	95	64	81	0.55	28.47	29.82	SSE	16.5	38.5	6.41	NA	69.8	72	68
31	69	53	60.4	46.7	4	0	93	32	63	0.02	28.43	29.77	NW	13.8	42.2	16.65	NA	63.7	69	59
	77	50	63.6	49.1	<- Monthly Averages ->						28.65	30.00	SSE	11.9	44.2	14.98	NA	66.8	73	61

Temperature - Highest: 92 Lowest: 33	Degree Days - Total HDD: 134 Total CDD: 96	Number of Days With: Tmax ≥ 90: 4      Rainfall ≥ 0.01 inch: 6 Tmax ≤ 32: 0      Rainfall ≥ 0.10 inch: 3 Tmin ≤ 32: 0      Avg Wind Speed ≥ 10 mph: 22 Tmin ≤ 0: 0      Max Wind Speed ≥ 30 mph: 13
Rainfall: Monthly Total: 1.13 in. Greatest 24 Hr: 0.55 in.	Humidity - Highest: 100 Lowest: 13	