

MESONET CLIMATOLOGICAL DATA SUMMARY  
 (HOLL) Hollis  
 Latitude: 34-41-07

May 2013  
 Nearest City: 3.0 W Gould  
 Longitude: 99-49-59

Time Zone: Midnight-Midnight CST  
 County: Harmon  
 Elevation: 1631 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	82	40	63.9	NA	4	0	NA	NA	NA	0.01	28.18	29.90	N	19.2	46.3	24.90	66.6	71.4	77	66
2	54	36	43.5	NA	20	0	NA	NA	NA	0.05	28.67	30.42	N	22.6	50.4	12.34	57.1	59.4	66	56
3	72	30	51.6	NA	14	0	NA	NA	NA	0.00	28.47	30.20	NW	10.8	30.0	30.09	56.7	59.0	68	51
4	74	33	55.0	NA	12	0	NA	NA	NA	0.00	28.29	30.02	NNW	12.7	35.4	30.20	58.4	61.1	68	54
5	72	38	55.4	NA	10	0	NA	NA	NA	0.00	28.39	30.13	N	7.0	20.0	27.78	60.5	63.5	73	55
6	76	43	62.0	NA	5	0	NA	NA	NA	0.00	28.34	30.07	ESE	6.6	18.4	22.02	63.1	65.9	72	59
7	88	52	71.2	NA	0	5	NA	NA	NA	0.00	28.23	29.95	S	11.3	30.9	27.41	65.2	68.6	76	62
8	87	54	71.5	NA	0	6	NA	NA	NA	0.19	28.12	29.83	S	11.9	35.5	19.89	66.5	69.7	75	64
9	80	56	67.4	NA	0	3	NA	NA	NA	0.35	28.17	29.89	NE	10.9	44.7	16.64	66.1	68.1	74	64
10	72	53	62.9	NA	2	0	NA	NA	NA	0.40	28.33	30.06	NNE	9.8	35.2	20.50	64.4	65.8	70	62
11	82	50	64.3	NA	0	1	NA	NA	NA	0.01	28.45	30.19	NE	7.7	35.3	22.74	64.2	65.3	73	58
12	83	45	64.6	NA	1	0	NA	NA	NA	0.00	28.45	30.19	S	9.5	23.2	29.03	64.6	67.3	78	58
13	93*	57*	74.8*	NA	0*	10*	NA	NA	NA	0.00*	28.36*	30.09*	WSW*	11.5*	28.4*	NA	66.3*	71.4*	81*	63*
14	91	60	75.9	NA	0	10	NA	NA	NA	0.00	28.26	29.99	SSW	12.2	41.1	29.47	67.4	73.3	81	65
15	85*	63*	70.8*	NA	0*	9*	NA	NA	NA	0.00*	28.12*	29.83*	S*	9.7*	25.7*	NA	68.1*	72.3*	78*	69*
16	86	60	70.4	58.9	0	8	98	34	72	0.00	28.07	29.79	ENE	9.6	24.9	26.06	69.5	74.7	84	68
17	90	63	74.1	66.2	0	11	99	44	79	0.00	28.08	29.80	E	10.2	27.6	21.78	71.5	76.3	84	71
18	101	68	79.6	63.0	0	20	96	19	63	0.30	28.00	29.71	ESE	13.7	68.6	21.97	72.9	77.0	86	72
19	96	65	82.3	44.9	0	16	79	9	37	0.00	27.91	29.62	WSW	14.6	45.5	30.25	71.9	76.7	85	70
20	96	54	76.5	44.8	0	10	78	9	39	0.00	27.98	29.69	NE	9.9	40.1	30.53	71.2	77.7	88	68
21	78	54	67.2	47.7	0	1	88	27	52	0.14	28.13	29.85	NNE	13.4	32.2	19.84	69.9	73.4	78	70
22	91	52	73.0	44.9	0	7	92	14	46	0.00	28.14	29.86	SSE	10.1	26.8	30.38	69.4	74.3	85	65
23	87	62	73.7	61.5	0	10	87	41	67	0.00	28.21	29.94	E	15.8	34.1	14.04	70.2	74.3	78	70
24	94	63	75.4	60.8	0	14	96	23	66	0.00	28.34	30.07	SSE	13.7	37.5	21.36	71.4	75.8	83	70
25	90	60	75.3	61.0	0	10	91	36	64	0.00	28.31	30.04	SSE	12.9	29.0	23.33	72.1	76.7	84	70
26	96	67	82.4	60.9	0	17	91	28	53	0.00	28.18	29.90	SSE	16.0	31.9	28.39	74.3	80.1	88	73
27	101	70	82.8	63.9	0	21	82	27	56	0.15	28.04	29.75	S	18.5	43.2	25.94	75.5	80.8	88	76
28	84	71	77.5	65.4	0	12	88	51	67	0.00	28.00	29.71	S	13.4	32.8	18.25	74.5	77.7	82	74
29	88	71	78.5	64.6	0	15	82	43	64	0.00	27.90	29.61	SSE	21.1	46.0	10.23	72.9	76.1	79	74
30	99	70	83.7	46.4	0	19	76	8	36	0.00	27.91	29.62	S	13.7	37.5	28.96	74.5	80.2	89	74
31	104	67	85.4	51.7	0	21	72	14	34	0.00	27.93	29.64	SW	11.4	37.1	30.19	75.8	82.4	92	74

86* 56* 70.7* 56.7*	<- Monthly Averages ->	28.19* 29.91*	S * 12.6* 68.6*	23.95*	68.1* 72.1* 79* 66*
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Temperature - Highest: 104* Lowest: 30*	Degree Days - Total HDD: 69* Total CDD: 253*	Number of Days With: Tmax ≥ 90: 13* Tmax ≤ 32: 0* Tmin ≤ 32: 1* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 9* Rainfall ≥ 0.10 inch: 6* Avg Wind Speed ≥ 10 mph: 23* Max Wind Speed ≥ 30 mph: 22*
Rainfall: Monthly Total: 1.60* in. Greatest 24 Hr: 0.40* in.	Humidity - Highest: 99* Lowest: 8*		

MESONET CLIMATOLOGICAL DATA SUMMARY  
 (HOLL) Hollis  
 Latitude: 34-41-07

June 2013  
 Nearest City: 3.0 W Gould  
 Longitude: 99-49-59

Time Zone: Midnight-Midnight CST  
 County: Harmon  
 Elevation: 1631 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	89	65	77.1	44.3	0	12	72	15	35	0.00	28.20	29.92	NNE	15.6	37.9	31.24	76.3	81.9	88	76	
2	85	55	71.1	45.1	0	5	80	20	43	0.00	28.33	30.06	ESE	8.8	22.3	30.72	75.7	80.3	89	73	
3	97	62	79.7	52.5	0	14	66	23	42	0.00	28.14	29.86	SSE	15.6	32.1	26.12	76.0	80.2	88	74	
4	99	66	82.1	61.8	0	18	91	24	55	0.37	28.07	29.78	ESE	16.2	34.1	29.10	77.3	82.3	91	75	
5	90	70	78.9	61.1	0	15	82	36	57	0.00	28.16	29.88	E	16.9	36.8	25.33	77.3	83.0	91	76	
6	83	61	70.8	57.6	0	7	95	36	66	0.20	28.25	29.98	NNE	11.0	30.5	22.46	75.8	79.0	85	73	
7	86	59	72.9	55.3	0	7	95	33	59	0.00	28.25	29.98	SSE	6.9	21.9	25.95	74.8	79.1	88	71	
8	92	64	76.9	54.6	0	13	96	28	50	0.78	28.11	29.83	S	16.9	54.9	23.91	74.4	79.3	87	73	
9	92	62	75.8	58.4	0	12	98	20	62	0.03	28.21	29.93	S	5.3	19.2	30.17	72.3	78.6	85	72	
10	99	70	84.7	57.7	0	19	77	16	45	0.00	28.19	29.91	SSW	12.6	29.3	31.03	75.4	81.0	91	72	
11	99	67	85.5	55.0	0	18	62	21	37	0.00	28.19	29.91	S	13.9	29.1	31.27	75.9	83.6	93	75	
12	99	70	85.1	61.0	0	19	75	23	48	0.00	28.22	29.94	SSW	12.4	31.1	29.59	77.2	84.6	93	77	
13	99	70	85.3	61.3	0	19	81	24	48	0.00	28.25	29.98	SSE	8.3	23.9	29.33	78.4	86.0	95	78	
14	94	70	81.7	59.5	0	17	80	24	50	0.01	28.24	29.97	S	10.4	27.6	21.64	78.4	84.7	90	79	
15	91	69	77.9	63.9	0	15	90	34	65	0.12	28.23	29.96	S	11.7	33.3	22.65	77.3	81.9	89	78	
16	96	68	83.1	64.9	0	17	91	32	58	0.00	28.21	29.93	SSE	8.7	25.8	24.81	77.8	84.1	93	76	
17	89	67	78.5	64.6	0	13	97	37	65	0.71	28.24	29.96	ENE	8.8	48.2	27.54	76.4	82.3	87	77	
18	90*	69*	78.6*	62.5*	0*	15*	93*	30*	62*	0.00*	28.27*	30.00*	ESE*	7.8*	22.1*	NA	78.7*	83.5*	93*	75*	
19	86	68	73.6	64.9	0	12	97	37	77	0.37	28.22	29.95	SE	12.2	48.2	11.63	76.6	77.6	83	75	
20	96	67	82.3	63.4	0	16	91	30	57	0.00	28.19	29.91	S	16.2	36.9	28.89	76.2	79.3	88	72	
21	96	73	84.3	63.1	0	19	77	31	51	0.00	28.21	29.93	S	14.9	34.6	29.19	77.6	83.8	93	76	
22	97	71	84.7	60.9	0	19	73	31	47	0.00	28.16	29.88	SSE	17.3	36.1	28.71	78.1	85.3	94	77	
23	99	75	86.0	58.7	0	22	66	25	42	0.00	28.12	29.84	S	17.7	35.1	28.15	78.5	86.2	94	79	
24	97	74	85.0	60.1	0	20	65	27	45	0.00	28.16	29.88	S	17.4	36.2	23.04	78.6	85.4	91	80	
25	102	75	88.3	63.4	0	23	67	25	46	0.00	28.09	29.81	S	15.8	32.8	28.31	79.2	86.8	96	79	
26	105	76	91.4	62.7	0	25	68	24	41	0.00	28.11	29.83	S	11.2	28.5	29.23	81.0	90.0	99	82	
27	107	75	91.4	58.3	0	26	72	13	38	0.00	28.21	29.94	SSW	11.4	44.9	30.46	82.0	91.3	100	83	
28	104	76	88.9	55.2	0	25	58	15	35	0.00	28.25	29.98	ENE	9.9	25.4	30.34	82.7	92.1	101	84	
29	97	72	85.4	54.2	0	19	61	22	37	0.00	28.22	29.95	NE	7.4	20.2	26.58	82.4	90.6	99	84	
30	93	68	81.3	52.1	0	15	79	23	39	0.00	28.27	30.00	NE	11.5	25.3	25.17	81.9	89.2	97	83	
95* 68* 81.6* 58.6*				<- Monthly Averages ->							28.20* 29.92*		S * 12.3* 54.9*			26.98*		77.7* 83.8* 92* 77*			

Temperature - Highest: 107*	Degree Days - Total HDD: 0*	Number of Days With: Tmax ≥ 90: 24*      Rainfall ≥ 0.01 inch: 8* Tmax ≤ 32: 0*      Rainfall ≥ 0.10 inch: 6* Tmin ≤ 32: 0*      Avg Wind Speed ≥ 10 mph: 21* Tmin ≤ 0: 0*      Max Wind Speed ≥ 30 mph: 17*
Lowest: 55*	Total CDD: 498*	
Rainfall: Monthly Total: 2.59* in.	Humidity - Highest: 98*	
Greatest 24 Hr: 0.78* in.	Lowest: 13*	

MESONET CLIMATOLOGICAL DATA SUMMARY July 2013 Time Zone: Midnight-Midnight CST  
 (HOLL) Hollis Nearest City: 3.0 W Gould County: Harmon  
 Latitude: 34-41-07 Longitude: 99-49-59 Elevation: 1631 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	64	75.4	46.4	0	10	64	19	38	0.00	28.37	30.11	NE	10.4	28.3	26.14	80.7	86.7	94	81
2	89	57	74.6	40.4	0	8	64	15	32	0.00	28.38	30.12	N	6.3	19.8	30.35	79.2	85.1	95	77
3	91	59	77.3	41.8	0	10	60	17	31	0.00	28.30	30.03	SSE	6.2	21.0	24.40	78.6	84.3	91	77
4	96	67	81.8	45.5	0	16	54	16	31	0.00	28.22	29.94	SE	10.3	25.4	27.63	79.0	85.7	94	78
5	100	67	84.6	47.2	0	19	61	13	31	0.00	28.17	29.89	SE	12.9	30.3	27.07	79.7	86.4	93	79
6	100	72	85.6	49.0	0	21	57	14	31	0.00	28.16	29.89	SSE	13.3	33.1	25.18	80.0	86.5	94	80
7	101	72	87.2	53.4	0	21	53	18	33	0.00	28.23	29.95	SE	11.4	26.6	28.89	81.2	88.6	97	81
8	102	72	87.7	57.5	0	22	63	21	39	0.00	28.28	30.01	SSE	9.7	25.7	27.75	82.2	89.9	98	82
9	102	76	90.1	58.2	0	24	64	21	37	0.00	28.28	30.01	S	11.0	29.0	29.18	83.5	91.1	99	84
10	103	75	90.1	56.6	0	24	58	20	35	0.00	28.27	29.99	WSW	8.4	23.5	28.68	84.2	91.8	100	85
11	103*	78*	87.5*	59.8*	0*	26*	67*	19*	42*	0.04*	28.23*	29.95*	ESE*	8.6*	35.8*	NA	84.9*	91.0*	98*	86*
12	105	75	90.4	59.3	0	25	75	18	40	0.00	28.20	29.93	SE	9.4	38.8	29.97	84.9	90.9	99	84
13	106	74	91.3	54.0	0	25	68	14	33	0.00	28.21	29.94	SE	9.1	24.4	29.04	85.7	91.7	99	85
14	86	64	74.4	59.4	0	10	95	35	63	0.33	28.26	29.99	ESE	14.7	42.9	9.89	83.1	85.5	92	79
15	77	63	68.4	62.8	0	5	97	58	83	0.04	28.35	30.08	NE	9.1	22.2	12.49	77.6	77.4	80	75
16	73	67	69.6	67.8	0	5	98	85	94	1.35	28.43	30.16	E	10.7	30.3	6.20	76.0	75.2	77	74
17	83	68	73.6	69.1	0	11	98	61	87	0.00	28.51	30.25	E	7.8	34.1	14.49	76.6	76.1	81	73
18	89	68	77.9	67.1	0	13	99	43	73	0.00	28.42	30.15	S	8.5	29.8	26.92	78.5	79.4	87	73
19	93	70	81.4	65.0	0	16	93	32	62	0.00	28.29	30.01	SW	8.1	22.8	27.78	79.5	82.8	91	75
20	95	70	82.4	63.8	0	17	92	27	58	0.00	28.20	29.92	SW	7.9	25.8	28.07	80.4	85.0	94	77
21	97	71	84.9	62.3	0	19	87	27	51	0.00	28.15	29.87	S	10.1	24.6	28.79	81.2	86.3	94	79
22	97	73	85.3	65.9	0	20	78	33	55	0.00	28.17	29.89	SSW	10.0	29.2	28.93	81.9	87.3	95	80
23	99	75	87.3	67.1	0	22	82	30	54	0.00	28.16	29.88	SSW	9.2	24.1	28.44	83.0	88.8	97	82
24	98	75	85.4	66.5	0	21	86	33	56	0.00	28.23	29.95	ESE	11.3	41.7	27.76	83.4	89.2	97	83
25	85	70	77.4	68.9	0	12	94	58	76	0.13	28.32	30.05	ESE	9.8	27.5	11.72	81.8	84.2	89	82
26	90	72	79.9	66.3	0	16	86	39	66	0.00	28.29	30.02	NNE	13.5	34.0	24.63	79.9	83.5	90	79
27	92	66	79.2	60.4	0	14	93	25	57	0.00	28.30	30.03	SSE	7.9	21.4	28.31	80.4	85.3	94	78
28	92	65	79.7	58.2	0	13	90	21	53	0.00	28.22	29.94	SSE	11.9	26.1	29.07	80.7	85.4	93	78
29	100	73	86.4	65.9	0	22	79	32	53	0.00	28.17	29.89	S	14.7	39.3	26.30	81.7	87.0	94	81
30	98	74	85.5	66.0	0	21	75	34	54	0.00	28.28	30.01	NE	9.3	29.1	27.47	83.0	89.3	97	82
31	100	75	85.8	65.5	0	22	89	23	56	0.00	28.34	30.07	NE	10.7	25.5	27.67	83.8	90.1	98	84

94\* 70\* 82.2\* 59.3\* <- Monthly Averages -> 28.27\* 30.00\* SE \* 10.1\* 42.9\* 24.97\* 81.2\* 86.1\* 93\* 80\*

Temperature - Highest: 106* Lowest: 57*	Degree Days - Total HDD: 0* Total CDD: 531*	Number of Days With: Tmax ≥ 90: 23* Tmax ≤ 32: 0* Tmin ≤ 32: 0* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 5* Rainfall ≥ 0.10 inch: 3* Avg Wind Speed ≥ 10 mph: 15* Max Wind Speed ≥ 30 mph: 10*
Rainfall: Monthly Total: 1.89* in. Greatest 24 Hr: 1.35* in.	Humidity - Highest: 99* Lowest: 13*		

MESONET CLIMATOLOGICAL DATA SUMMARY August 2013 Time Zone: Midnight-Midnight CST  
 (HOLL) Hollis Nearest City: 3.0 W Gould County: Harmon  
 Latitude: 34-41-07 Longitude: 99-49-59 Elevation: 1631 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	100*	74*	85.1*	64.8*	0*	22*	82*	24*	54*	0.00*	28.31*	30.04*	SE *	8.1*	20.2*	NA	84.5*	90.0*	98*	84*
2	107	75	91.6	59.8	0	26	82	16	41	0.00	28.15	29.87	S	13.0	30.9	26.27	84.7	90.0	96	84
3	106	75	90.8	56.1	0	25	59	17	34	0.00	28.20	29.93	SSE	11.4	30.7	28.04	84.8	90.6	98	84
4	103	73	89.2	57.8	0	23	67	18	38	0.00	28.25	29.98	SSE	10.4	23.5	27.61	84.9	90.5	98	84
5	105	76	91.2	57.5	0	25	65	17	35	0.00	28.18	29.90	S	10.8	25.9	28.08	85.4	91.0	98	85
6	108	75	92.1	55.4	0	26	55	16	32	0.00	28.09	29.81	S	11.9	34.6	28.27	85.5	91.1	98	84
7	98	73	86.5	61.3	0	20	93	24	46	0.23	28.13	29.85	NE	10.2	37.5	15.23	84.6	89.3	93	86
8	95	70	79.5	67.7	0	18	94	34	71	0.02	28.16	29.88	E	10.3	38.3	22.79	83.2	87.1	95	82
9	88	67	77.2	65.0	0	13	95	42	69	0.00	28.28	30.01	N	9.7	24.9	26.19	81.3	86.1	92	80
10	88	70	77.7	63.8	0	14	92	40	65	0.00	28.40	30.13	NE	8.2	20.5	24.92	80.9	86.5	93	81
11	97	67	79.4	64.9	0	17	93	29	66	0.13	28.35	30.08	ENE	7.0	33.5	23.35	82.0	87.0	95	81
12	97	72	80.4	68.2	0	20	93	32	70	0.12	28.29	30.02	W	8.6	29.4	19.11	82.3	85.5	93	81
13	87	70	77.2	67.7	0	14	94	49	74	0.29	28.31	30.04	ENE	7.3	24.1	19.79	80.5	83.1	89	79
14	88	70	77.5	65.5	0	14	95	42	69	0.00	28.34	30.07	ENE	9.5	24.4	21.66	80.4	84.1	92	78
15	93	68	79.0	64.8	0	16	90	30	65	0.00	28.30	30.03	E	7.6	21.1	21.58	80.8	85.1	94	79
16	89	64	76.0	63.6	0	11	95	38	69	0.39	28.32	30.05	ESE	7.6	41.9	26.34	80.3	84.2	92	77
17	88	66	76.3	63.3	0	12	94	42	67	0.00	28.35	30.08	ESE	9.6	21.7	21.30	79.8	82.8	90	77
18	93	66	78.4	59.9	0	14	89	28	57	0.00	28.32	30.05	SE	11.7	29.5	25.61	79.1	83.5	92	76
19	95	66	80.7	59.0	0	16	86	27	52	0.00	28.28	30.01	SE	12.5	29.4	25.23	79.3	84.0	92	77
20	98	69	83.3	58.8	0	19	75	25	47	0.00	28.26	29.99	SSE	11.5	25.2	25.58	80.1	85.5	94	78
21	97	65	81.8	54.6	0	16	77	20	43	0.00	28.31	30.04	SE	8.9	23.8	26.20	80.6	85.8	93	79
22	97	66	82.8	55.2	0	17	74	16	44	0.00	28.30	30.02	SSE	6.1	17.2	26.63	80.9	86.4	95	79
23	100	71	85.5	58.8	0	20	72	22	44	0.00	28.27	30.00	SSE	7.7	24.2	23.77	81.9	87.4	94	81
24	100	71	85.6	60.9	0	21	78	21	48	0.00	28.32	30.05	SE	9.2	31.6	24.60	82.7	88.1	96	82
25	100	73	85.3	60.3	0	21	74	23	47	0.00	28.39	30.12	SE	9.3	24.8	23.12	82.8	88.0	94	82
26	97	69	83.4	58.9	0	18	72	26	46	0.00	28.40	30.13	SE	9.8	24.6	24.60	82.6	87.5	94	81
27	96	67	80.9	60.5	0	16	72	28	52	0.00	28.33	30.06	SE	8.8	26.6	22.16	82.2	86.7	93	81
28	96	69	83.3	61.3	0	18	88	26	52	0.00	28.31	30.04	SSW	9.9	26.1	21.45	82.4	86.3	92	81
29	99	69	85.3	54.4	0	19	69	17	38	0.00	28.30	30.03	SSW	9.1	25.1	22.38	81.8	86.1	92	80
30	104	72	88.0	54.9	0	23	62	17	36	0.00	28.23	29.96	WSW	8.3	22.7	24.43	82.2	87.2	95	81
31	105	71	88.7	51.4	0	23	56	14	31	0.00	28.15	29.87	SSE	6.6	25.7	24.54	82.7	88.2	96	81

97\* 70\* 83.2\* 60.5\* <- Monthly Averages -> 28.28\* 30.00\* SE \* 9.4\* 41.9\* 24.03\* 82.2\* 86.9\* 94\* 81\*

Temperature - Highest: 108* Lowest: 64*	Degree Days - Total HDD: 0* Total CDD: 576*	Number of Days With: Tmax ≥ 90: 25* Tmax ≤ 32: 0* Tmin ≤ 32: 0* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 6* Rainfall ≥ 0.10 inch: 5* Avg Wind Speed ≥ 10 mph: 10* Max Wind Speed ≥ 30 mph: 8*
Rainfall: Monthly Total: 1.18* in. Greatest 24 Hr: 0.39* in.	Humidity - Highest: 95* Lowest: 14*		

MESONET CLIMATOLOGICAL DATA SUMMARY  
 (HOLL) Hollis  
 Latitude: 34-41-07

September 2013  
 Nearest City: 3.0 W Gould  
 Longitude: 99-49-59

Time Zone: Midnight-Midnight CST  
 County: Harmon  
 Elevation: 1631 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	100	74	85.2	57.1	0	22	61	20	40	0.00	28.17	29.89	NE	9.1	29.8	16.43	82.4	87.2	92	83
2	95	72	82.1	58.7	0	19	80	23	49	0.00	28.27	30.00	ENE	10.6	21.3	24.15	82.5	87.1	95	81
3	97	64	80.1	50.5	0	15	69	18	39	0.00	28.31	30.04	E	6.9	17.4	24.83	82.1	86.6	95	80
4	98	63	80.4	49.9	0	16	72	16	39	0.00	28.35	30.08	E	6.3	20.2	24.79	82.0	86.6	95	79
5	100	70	84.6	53.5	0	20	71	16	39	0.00	28.36	30.09	E	7.6	19.2	24.63	82.6	87.2	95	80
6	100	71	85.7	55.6	0	21	58	21	38	0.00	28.32	30.05	SSE	7.1	20.8	22.07	83.4	87.8	95	82
7	101	70	85.3	55.6	0	21	63	19	40	0.00	28.26	29.98	SSE	6.2	38.7	20.50	83.6	87.8	95	82
8	99	69	84.4	55.4	0	19	70	18	41	0.00	28.22	29.95	SSE	8.7	27.7	23.49	83.5	87.3	94	81
9	95	68	82.3	57.4	0	17	72	25	45	0.00	28.22	29.94	SSE	10.9	28.3	23.17	83.2	86.6	92	81
10	94	70	81.0	60.5	0	17	75	30	52	0.00	28.30	30.03	SSE	11.9	37.4	22.42	82.8	86.0	92	81
11	94	70	81.1	59.2	0	17	80	27	50	0.00	28.36	30.09	S	9.9	28.0	20.24	82.5	85.5	91	81
12	96	68	82.4	54.8	0	17	66	22	41	0.00	28.33	30.06	E	7.3	22.9	22.86	82.2	85.9	94	79
13	89	71	78.4	65.0	0	15	81	44	65	0.00	28.28	30.01	ENE	12.1	27.0	15.30	82.5	85.4	89	82
14	88	70	77.4	64.0	0	14	88	43	65	0.00	28.23	29.96	NNE	8.8	19.6	14.16	81.7	84.0	89	80
15	95	68	81.3	59.6	0	17	75	27	51	0.00	28.26	29.99	ESE	8.7	21.7	16.50	81.4	83.8	89	79
16	92	69	76.2	65.2	0	15	95	32	72	0.15	28.37	30.10	E	11.4	30.2	17.01	81.6	84.0	90	80
17	87	66	74.0	67.2	0	11	97	44	82	0.05	28.31	30.04	S	7.6	32.7	15.02	80.0	80.9	86	77
18	94	71	80.6	62.7	0	17	90	28	59	0.00	28.21	29.93	S	11.6	37.7	22.01	79.5	82.0	88	77
19	84	67	74.7	63.3	0	11	83	51	68	0.02	28.21	29.94	S	11.0	26.7	9.23	78.0	79.6	82	77
20	73	54	66.9	56.5	1	0	94	46	71	0.00	28.29	30.02	NE	12.7	28.0	10.51	75.2	76.1	78	73
21	82	48	65.6	43.3	0	0	92	18	53	0.00	28.28	30.01	SSE	6.5	16.1	23.47	73.1	75.6	84	68
22	86	52	69.1	45.8	0	4	82	22	47	0.00	28.15	29.87	SSE	9.4	25.8	23.11	73.4	76.3	84	69
23	90	51	72.1	47.5	0	6	84	19	46	0.00	28.06	29.78	SSE	12.4	31.7	22.31	74.1	76.6	84	70
24	89	61	75.1	42.7	0	10	55	14	34	0.00	28.24	29.97	NNE	9.5	20.8	22.56	74.8	78.5	86	73
25	95	56	76.0	45.8	0	11	57	17	38	0.00	28.11	29.83	SSE	9.9	29.8	22.20	74.9	78.2	86	71
26	97	63	80.2	54.1	0	15	77	21	45	0.00	28.06	29.77	SSE	16.0	34.9	21.45	76.7	79.9	87	74
27	92	63	78.2	60.5	0	12	73	37	56	0.00	28.09	29.81	SSE	17.0	36.6	18.89	77.3	80.0	85	75
28	79	53	67.1	51.1	0	1	95	26	61	0.33	28.29	30.02	N	15.1	44.8	19.75	74.5	77.0	81	72
29	80	46	62.7	42.4	2	0	95	15	57	0.00	28.31	30.04	NW	5.9	18.4	22.58	70.1	73.1	82	65
30	90	52	69.5	49.4	0	6	86	22	54	0.00	28.10	29.82	SE	10.9	27.3	21.86	70.6	74.0	82	67
	92	64	77.3	55.1	<- Monthly Averages ->						28.24	29.97	SSE	10.0	44.8	20.25	79.1	82.2	89	77

Temperature - Highest: 101 Lowest: 46	Degree Days - Total HDD: 3 Total CDD: 383	Number of Days With: Tmax ≥ 90: 20 Tmax ≤ 32: 0 Tmin ≤ 32: 0 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 4 Rainfall ≥ 0.10 inch: 2 Avg Wind Speed ≥ 10 mph: 13 Max Wind Speed ≥ 30 mph: 9
Rainfall: Monthly Total: 0.55 in. Greatest 24 Hr: 0.33 in.	Humidity - Highest: 97 Lowest: 14		

MESONET CLIMATOLOGICAL DATA SUMMARY      October      2013      Time Zone: Midnight-Midnight CST  
 (HOLL) Hollis      Nearest City: 3.0 W      Gould      County: Harmon  
 Latitude: 34-41-07      Longitude: 99-49-59      Elevation: 1631 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	91	56	73.4	56.4	0	8	87	32	59	0.00	28.12	29.84	SSE	13.8	30.1	21.02	72.1	75.7	83	69
2	90	62	76.7	62.5	0	11	89	36	64	0.00	28.14	29.86	SSE	14.5	31.7	20.15	74.0	77.7	84	72
3	95	64	79.8	61.5	0	15	93	27	58	0.00	28.05	29.77	S	16.1	36.8	20.08	75.3	78.9	85	73
4	96	61	80.2	57.6	0	13	72	26	48	0.00	28.06	29.77	SSE	18.3	52.6	18.36	76.3	80.2	86	75
5	71	45	59.0	27.2	7	0	51	17	31	0.00	28.37	30.11	N	14.7	41.8	20.36	70.3	74.4	79	70
6	81	41	60.6	24.9	4	0	56	12	30	0.00	28.39	30.13	NNW	11.1	33.2	21.04	67.4	69.9	76	64
7	82	46	63.8	34.2	1	0	68	16	37	0.00	28.39	30.12	SE	6.4	14.4	20.50	68.4	71.2	80	64
8	87	49	66.9	36.5	0	3	62	14	37	0.00	28.26	29.99	SE	11.5	25.5	19.34	69.2	71.4	78	65
9	84	50	67.7	43.1	0	2	74	20	45	0.00	28.22	29.94	SE	13.2	30.8	18.86	69.8	71.6	77	66
10	86	55	71.4	54.0	0	5	82	33	56	0.00	28.15	29.87	SSE	16.5	37.0	19.21	70.7	72.9	79	67
11	88	56	71.5	37.1	0	7	88	10	38	0.00	28.09	29.81	WSW	11.4	37.6	19.77	71.2	73.6	79	69
12	78	53	64.3	39.7	0	0	66	28	42	0.00	28.32	30.05	NE	13.4	30.8	19.29	68.9	71.4	78	67
13	67	58	62.7	57.6	3	0	97	61	84	0.68	28.43	30.17	NE	10.2	26.5	3.67	68.3	68.9	70	68
14	78	66	69.9	65.9	0	7	98	65	88	0.02	28.22	29.95	SSE	10.4	23.0	6.25	69.9	70.2	72	69
15	68	50	56.1	41.9	6	0	97	38	60	0.00	28.35	30.08	NNE	15.4	31.6	10.31	65.9	65.5	70	63
16	54	40	49.1	36.5	18	0	86	48	63	0.00	28.41	30.14	NNE	8.4	21.0	7.18	61.7	60.9	63	58
17	72	37	55.0	40.3	10	0	93	29	62	0.00	28.29	30.02	ESE	5.5	14.9	18.62	60.2	61.5	71	53
18	56	33	47.4	42.9	20	0	97	65	85	0.04	28.32	30.05	N	13.8	37.1	2.59	60.6	60.2	65	55
19	68	31	48.1	31.4	16	0	97	19	61	0.01	28.39	30.12	WNW	7.9	20.2	18.85	56.9	57.1	66	50
20	79	39	57.8	40.5	6	0	83	24	57	0.00	28.14	29.86	SSW	9.8	21.3	18.27	58.5	60.6	70	53
21	67	42	55.8	37.2	11	0	80	26	53	0.00	28.33	30.06	NNE	14.6	32.0	17.09	60.1	62.7	68	59
22	82	38	58.7	34.6	5	0	85	16	48	0.00	28.37	30.10	W	8.9	23.5	17.75	59.3	61.8	70	55
23	85	44	63.0	34.0	1	0	77	12	41	0.00	28.33	30.06	WSW	9.0	36.4	17.72	60.7	63.7	71	57
24	66	45	55.0	38.7	9	0	84	34	57	0.00	28.50	30.24	NE	14.0	34.6	17.19	60.9	63.4	69	59
25	68	40	53.1	39.4	11	0	79	38	61	0.00	28.55	30.29	SSE	8.8	18.0	15.29	59.8	61.6	68	56
26	74	51	60.6	48.8	2	0	91	39	68	0.00	28.39	30.12	NNE	9.5	29.5	11.09	61.9	63.9	68	60
27	73	37	55.0	33.8	10	0	85	15	52	0.00	28.33	30.06	NW	8.0	17.5	17.51	60.9	62.9	70	57
28	72	47	60.2	56.8	5	0	99	74	89	0.01	28.23	29.95	ESE	11.5	26.4	3.64	61.4	62.0	65	59
29	85	62	72.7	62.0	0	8	96	37	72	0.00	28.20	29.92	SSE	12.7	31.1	8.52	65.1	67.1	71	64
30	79	62	72.1	61.0	0	6	90	31	71	0.14	28.09	29.81	SSE	12.1	43.3	4.78	66.8	68.5	70	67
31	70	47	58.9	40.8	6	0	92	25	54	0.00	28.06	29.78	W	14.5	38.1	16.64	62.8	64.4	69	61
	77	49	62.8	44.5	<- Monthly Averages ->						28.27	30.00	SSE	11.8	52.6	15.19	65.6	67.6	73	63

Temperature - Highest: 96 Lowest: 31	Degree Days - Total HDD: 152 Total CDD: 87	Number of Days With: Tmax ≥ 90: 4 Tmax ≤ 32: 0 Tmin ≤ 32: 1 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 6 Rainfall ≥ 0.10 inch: 2 Avg Wind Speed ≥ 10 mph: 21 Max Wind Speed ≥ 30 mph: 18
Rainfall: Monthly Total: 0.90 in. Greatest 24 Hr: 0.68 in.	Humidity - Highest: 99 Lowest: 10		