

MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	37.3	40.2	1:49p	30.8	7:01p	27.7	0.0	0.00	2.6	24.0	11:50a	WNW
2	35.8	45.9	3:21p	27.2	7:08a	29.2	0.0	0.00	1.7	21.0	1:50p	WNW
3	36.6	48.9	1:37p	27.5	12:49a	28.3	0.0	0.00	3.3	21.0	4:07p	NNW
4	28.8	36.2	12:38a	16.7	11:59p	36.2	0.0	0.00	10.8	33.0	2:50p	NNW
5	17.7	30.5	4:33p	9.2	7:13a	47.1	0.0	0.00	2.3	21.0	12:34a	NNW
6	22.4	40.4	4:16p	8.9	7:43a	42.6	0.0	0.00	0.3	9.0	1:58p	SSW
7	27.8	46.2	3:44p	16.2	7:46a	37.2	0.0	0.00	0.1	6.0	2:00p	SSW
8	32.2	36.0	11:21p	23.4	12:24a	32.8	0.0	0.02	0.0	6.0	9:17a	N
9	41.7	44.8	2:01p	35.8	12:03a	23.3	0.0	0.14	0.7	10.0	9:57a	SE
10	44.7	55.8	1:27p	31.6	11:59p	20.3	0.0	0.94	5.7	37.0	3:28p	WNW
11	27.0	33.4	3:01p	19.2	11:12p	37.9	0.0	0.00	4.1	31.0	1:03a	WNW
12	29.9	42.0	2:48p	19.7	12:01a	35.0	0.0	0.00	6.4	36.0	7:59p	SE
13	21.0	26.1	3:39p	15.9	7:51a	43.8	0.0	0.00	3.8	30.0	12:34a	WNW
14	34.7	51.9	3:18p	20.4	7:10a	30.3	0.0	0.00	2.2	17.0	1:27p	SSW
15	39.7	50.0	12:47p	27.6	7:34a	25.3	0.0	0.38	0.9	14.0	1:55p	SE
16	40.5	48.0	12:49p	37.0	11:39p	24.5	0.0	0.08	2.6	20.0	12:58p	NW
17	34.2	37.1	12:01a	29.2	11:56p	30.8	0.0	0.00	1.6	26.0	11:32p	NNW
18	17.1	29.2	12:01a	13.0	7:32a	47.8	0.0	0.00	8.3	33.0	2:43a	NW
19	17.0	23.9	3:39p	11.8	5:11a	47.9	0.0	0.00	8.1	31.0	11:42a	NW
20	20.4	24.7	4:00p	13.6	7:03a	44.6	0.0	0.00	1.3	20.0	12:10a	NW
21	24.7	30.7	2:27p	19.1	11:59p	40.1	0.0	0.00	5.1	20.0	11:04a	NNW
22	17.7	26.2	12:52p	12.3	4:26a	25.6	0.0	0.00	0.2	8.0	11:03a	N
23	**											
24	11.0	15.1	7:51p	8.0	11:58p	9.3	0.0	0.00	0.0	0.0	---	---
25	21.2	39.7	3:24p	1.9	5:42a	43.7	0.0	0.05	0.5	11.0	9:29p	SE
26	36.3	46.0	1:22p	20.5	1:15a	28.3	0.0	0.00	0.7	15.0	11:58p	S
27	33.8	43.7	12:04a	14.2	11:57p	31.1	0.0	0.00	5.3	22.0	2:46a	NNW
28	24.4	40.0	4:07p	4.5	7:37a	40.5	0.0	0.00	0.6	12.0	4:02p	SSE
29	29.4	37.8	10:21a	18.3	12:00m	35.5	0.0	0.01	6.0	36.0	11:54a	NW
30	27.9	43.8	3:54p	8.4	5:16a	37.0	0.0	0.00	2.3	21.0	1:12p	S
31	43.9	58.4	3:46p	27.8	1:35a	21.1	0.0	0.00	2.4	17.0	4:34p	S

	29.2	58.4	31	1.9	25	1004.8	0.0	1.62	3.0	37.0	10	NNW

Max >= 90.0: 0

Max <= 32.0: 8

Min <= 32.0: 28

Min <= 0.0: 0

Max Rain: 0.94 ON 01/10/16

Days of Rain: 6 (>.01 in) 3 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

** Blizzard conditions - snow total in 30" to 40" range. Not included in rain total.

MONTHLY CLIMATOLOGICAL SUMMARY for FEB. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	HIGH		DIR
1	43.1	48.0	11:30a	29.8	11:23p	21.9	0.0	0.13	0.4	10.0	6:25a	S
2	34.9	45.8	12:42p	19.7	7:09a	30.1	0.0	0.01	1.7	19.0	11:23p	SSE
3	42.1	47.0	4:33p	39.2	6:24a	22.9	0.0	0.96	4.3	28.0	2:36p	SSE
4	41.9	46.0	1:15p	37.4	7:04p	23.1	0.0	0.01	3.0	18.0	12:58p	NNW
5	34.3	38.8	1:52p	24.0	10:28p	30.7	0.0	0.00	7.2	25.0	12:20p	NNW
6	30.8	42.3	3:08p	19.9	5:04a	34.2	0.0	0.00	2.3	19.0	11:46a	S
7	31.1	45.5	3:33p	19.7	7:37a	33.9	0.0	0.00	0.3	8.0	9:53a	NNW
8	33.5	44.1	2:18p	20.9	5:02a	31.5	0.0	0.00	1.5	17.0	7:42p	SSE
9	32.1	36.6	12:20a	26.4	11:56p	32.8	0.0	0.30	1.5	16.0	6:14p	NW
10	26.7	30.8	2:21p	21.6	11:57p	38.3	0.0	0.01	5.0	24.0	10:19a	WNW
11	19.7	23.3	2:10p	13.1	11:59p	45.3	0.0	0.00	6.8	31.0	12:47p	WNW
12	18.6	28.7	3:51p	5.9	6:14a	46.4	0.0	0.00	1.3	15.0	1:26p	SSW
13	16.2	23.7	1:30a	9.9	11:53p	48.7	0.0	0.00	10.0	35.0	2:49a	NW
14	14.9	21.2	3:39p	7.8	6:46a	50.0	0.0	0.00	2.5	18.0	10:23p	SE
15	22.4	28.9	11:59p	17.9	12:43a	42.6	0.0	0.00	4.8	20.0	9:32a	SSE
16	36.0	44.0	3:18p	28.8	12:14a	29.0	0.0	1.33	2.2	21.0	3:50p	NW
17	36.6	40.3	1:36p	29.8	11:03p	28.4	0.0	0.00	2.2	19.0	10:39a	NNW
18	29.1	35.5	4:38p	19.9	12:00m	35.9	0.0	0.00	3.4	19.0	9:27a	N
19	29.6	39.7	4:10p	16.4	3:58a	35.3	0.0	0.00	5.5	25.0	3:59p	SSE
20	49.9	66.2	4:09p	34.1	3:34a	15.2	0.1	0.00	4.7	25.0	2:40p	SSW
21	47.3	53.7	2:30p	35.6	12:00m	17.7	0.0	0.21	1.3	19.0	10:00a	SSW
22	38.8	50.7	3:44p	27.4	7:23a	26.0	0.0	0.00	0.4	9.0	12:52p	NNW
23	37.8	40.6	5:21a	36.0	12:51a	27.2	0.0	0.14	1.1	12.0	11:49a	N
24	41.2	54.9	6:14p	35.6	4:02a	23.8	0.0	0.68	1.1	25.0	5:37p	NNW
25	41.4	47.1	1:19a	34.9	11:44p	23.6	0.0	0.24	7.3	34.0	4:19p	W
26	32.1	36.7	2:32p	27.8	11:36p	32.8	0.0	0.00	10.2	35.0	8:35a	NNW
27	34.3	46.3	4:38p	22.2	6:20a	30.6	0.0	0.00	2.1	18.0	2:48p	WSW
28	48.6	66.3	3:46p	30.4	12:23a	16.5	0.1	0.00	5.8	25.0	11:57a	S
29	50.6	56.9	8:25a	38.3	11:52p	14.4	0.0	0.00	5.2	32.0	10:04a	SSW

	34.3	66.3	28	5.9	12	888.8	0.2	4.02	3.6	35.0	13	NNW

Max >= 90.0: 0

Max <= 32.0: 6

Min <= 32.0: 21

Min <= 0.0: 0

Max Rain: 1.33 ON 02/16/16

Days of Rain: 8 (>.01 in) 8 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for MAR. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		DIR
1	52.5	64.0	1:41p	31.3	7:18a	12.5	0.0	0.00	7.2	30.0	1:07p	S
2	36.8	59.6	12:20a	25.6	11:31p	28.2	0.0	0.00	11.0	38.0	6:59a	NNW
3	30.9	38.9	1:00p	20.4	7:07a	34.1	0.0	0.00	1.2	15.0	12:09a	SSE
4	34.0	38.1	3:47p	30.0	6:02a	31.0	0.0	0.09	2.2	15.0	3:51p	NNW
5	37.6	42.1	4:51p	33.6	7:06a	27.4	0.0	0.00	0.9	16.0	12:16p	NNW
6	37.5	48.2	4:53p	28.7	11:59p	27.5	0.0	0.05	0.5	11.0	4:41p	NNW
7	46.6	67.2	3:42p	27.0	1:27a	18.4	0.0	0.00	3.5	21.0	1:59p	SSW
8	59.3	78.1	3:55p	43.1	7:16a	8.6	2.9	0.00	0.9	17.0	1:56p	WSW
9	59.7	80.0	3:18p	38.4	7:08a	8.9	3.7	0.00	1.5	18.0	12:47p	S
10	66.1	78.5	3:25p	56.5	4:45a	2.7	3.8	0.00	3.0	16.0	12:58p	SSW
11	59.7	69.2	4:59p	43.6	11:49p	6.0	0.7	0.00	2.6	23.0	4:41a	N
12	49.6	58.1	5:35p	36.5	4:14a	15.4	0.0	0.00	1.2	14.0	8:43a	SE
13	52.1	56.6	11:22a	48.0	11:59p	12.3	0.0	0.43	0.4	14.0	7:57p	N
14	48.0	51.2	2:39p	45.3	5:07a	17.0	0.0	0.47	0.2	8.0	1:50p	N
15	48.7	61.5	5:56p	43.8	5:45a	16.3	0.0	0.02	0.3	9.0	3:56p	NNW
16	58.6	73.5	5:43p	40.1	4:59a	8.1	1.7	0.01	3.8	22.0	11:26a	SSE
17	51.4	61.1	12:31p	39.2	7:32a	13.6	0.0	0.00	2.5	26.0	2:02p	NNW
18	49.6	62.7	4:27p	33.5	7:42a	15.4	0.0	0.00	3.8	27.0	3:58p	NW
19	39.0	49.4	12:01a	34.5	2:27p	26.0	0.0	0.31	0.7	16.0	12:13a	NNW
20	38.3	43.2	3:36p	33.4	11:35p	26.7	0.0	0.00	0.1	9.0	1:09p	SE
21	39.5	49.2	2:59p	30.7	12:00m	25.5	0.0	0.00	6.4	34.0	6:07p	NNW
22	43.6	59.3	5:17p	25.1	4:24a	21.4	0.0	0.00	4.5	27.0	4:30p	S
23	57.2	72.0	6:00p	45.9	12:00m	9.1	1.3	0.00	2.2	22.0	1:42p	S
24	59.1	75.0	3:45p	36.6	7:23a	9.6	3.7	0.00	6.2	30.0	5:29p	S
25	59.9	69.6	12:36a	44.4	12:00m	5.6	0.5	0.06	8.9	27.0	3:14p	NNW
26	44.8	57.4	5:44p	29.5	7:34a	20.2	0.0	0.00	1.7	15.0	2:30p	SE
27	49.3	54.7	2:11p	40.3	3:49a	15.7	0.0	0.00	3.8	20.0	2:30p	SSE
28	52.5	63.1	12:34p	47.0	4:17a	12.5	0.0	0.48	7.8	32.0	5:58p	NW
29	47.6	56.4	4:37p	36.1	11:37p	17.4	0.0	0.00	8.2	36.0	12:28a	NNW
30	46.0	62.7	5:18p	24.9	7:13a	19.0	0.0	0.00	5.6	25.0	5:04p	S
31	61.6	69.8	4:47p	50.6	4:05a	5.0	1.6	0.00	9.3	32.0	5:37p	S
	48.9	80.0	9	20.4	3	517.1	19.9	1.92	3.6	38.0	2	S

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 10

Min <= 0.0: 0

Max Rain: 0.48 ON 03/28/16

Days of Rain: 8 (>.01 in) 4 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for APR. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	65.9	74.2	12:08p	63.5	6:48a	0.1	0.6	0.00	4.9	18.0	3:40a	S
2												
3	43.7	49.7	5:52p	36.4	10:01p	7.0	0.0	0.00	1.7	20.0	4:21p	WNW
4	50.1	67.2	12:28p	37.9	4:53a	14.9	0.0	0.02	5.0	27.0	10:58p	NNW
5	34.5	44.5	5:48p	26.6	7:00a	30.2	0.0	0.00	6.2	24.0	5:35a	N
6	41.3	54.6	4:00p	21.4	7:01a	23.7	0.0	0.00	8.7	31.0	11:40a	S
7	51.5	57.7	3:23p	43.5	12:00m	13.5	0.0	0.34	6.6	35.0	3:34p	S
8	42.1	49.4	4:26p	33.5	11:53p	22.9	0.0	0.00	4.4	26.0	8:57a	W
9	37.6	44.3	12:12p	30.7	11:51p	27.4	0.0	0.02	6.6	32.0	5:43p	NNW
10	38.0	50.6	4:54p	20.7	7:06a	27.0	0.0	0.00	3.6	20.0	2:48p	S
11	56.9	71.9	4:55p	42.8	6:12a	9.5	1.4	0.04	8.0	26.0	4:14p	S
12	55.2	66.6	12:01a	41.7	12:00m	9.9	0.1	0.04	6.2	28.0	11:00a	NNW
13	43.7	57.4	5:45p	27.9	7:03a	21.3	0.0	0.00	0.6	11.0	9:04a	N
14	47.7	62.7	5:30p	30.4	6:59a	17.3	0.0	0.00	0.8	15.0	4:54p	S
15	52.1	63.9	4:51p	39.5	3:02a	12.9	0.0	0.00	1.4	16.0	3:56p	SE
16	53.7	72.0	5:53p	34.7	6:49a	12.4	1.1	0.00	0.5	12.0	3:09p	SE
17	58.0	77.3	5:07p	39.5	5:21a	9.5	2.5	0.00	0.5	11.0	7:50a	SE
18	61.7	83.9	4:26p	40.3	6:59a	8.4	5.1	0.00	0.4	11.0	1:50p	N
19	62.1	79.7	2:41p	43.9	5:31a	7.6	4.7	0.00	1.9	24.0	3:14p	N
20	55.1	69.8	4:55p	35.3	6:54a	10.5	0.6	0.00	0.6	15.0	3:36p	SE
21	61.1	71.3	4:50p	49.3	4:53a	5.4	1.5	0.00	2.3	15.0	11:45a	SSE
22	63.0	71.1	4:37p	55.4	5:17a	3.1	1.1	0.04	2.1	16.0	2:30p	SSW
23	60.6	69.6	6:11p	50.8	11:59p	5.0	0.6	0.08	2.6	20.0	1:02p	N
24	53.4	66.7	4:56p	38.1	6:25a	11.7	0.1	0.02	0.4	9.0	11:08a	N
25	63.0	78.8	5:00p	45.9	2:03a	6.4	4.4	0.00	0.9	16.0	5:03p	SSE
26	69.9	80.5	3:03p	59.6	5:30a	0.9	5.8	0.00	3.2	25.0	9:10a	WSW
27	54.7	66.6	12:16a	49.2	11:59p	10.3	0.0	0.02	0.7	12.0	2:25a	N
28	50.2	52.7	9:06a	46.8	11:42p	14.8	0.0	0.05	0.1	7.0	11:38a	SE
29	48.7	52.0	5:46p	45.2	3:44a	16.3	0.0	0.01	0.3	10.0	12:21p	SE
30	52.2	55.8	3:24p	50.4	5:52a	12.8	0.0	0.00	1.0	11.0	12:17p	SSE
	52.7	83.9	18	20.7	10	372.7	29.6	0.68	2.8	35.0	7	S

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 6

Min <= 0.0: 0

Max Rain: 0.34 ON 04/07/16

Days of Rain: 10 (>.01 in) 1 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for MAY. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	54.3	59.5	3:38p	51.0	7:18a	10.7	0.0	0.01	4.0	19.0	3:26p	SSE
2	64.6	78.1	4:03p	54.0	3:09a	4.2	3.8	0.01	2.1	28.0	8:46p	SE
3	62.1	70.8	3:21p	57.6	8:28a	3.5	0.7	0.62	1.3	17.0	12:53p	N
4	56.9	62.2	3:36p	54.6	5:15a	8.1	0.0	0.13	1.3	15.0	3:50p	SE
5	53.3	57.8	5:33p	50.4	6:44a	11.7	0.0	0.22	0.3	10.0	2:01a	N
6	51.7	54.4	10:53a	50.5	4:16a	13.3	0.0	0.62	2.3	19.0	3:22p	NNW
7	55.6	64.8	5:39p	47.0	4:49a	9.4	0.0	0.00	0.5	11.0	10:40a	NNW
8	59.5	67.6	5:12p	45.6	12:00m	6.0	0.5	0.04	4.6	27.0	2:28p	NNW
9	53.4	59.6	5:55p	43.0	1:38a	11.6	0.0	0.01	0.9	12.0	11:34a	SW
10	54.7	59.8	5:56p	51.1	9:19a	10.3	0.0	0.09	0.2	8.0	6:05p	SSE
11	55.8	60.3	6:22p	53.0	1:39a	9.2	0.0	0.20	0.1	8.0	10:40a	SSE
12	61.7	69.9	3:14p	56.7	4:15a	4.0	0.7	0.00	1.7	16.0	3:02p	SSE
13	61.4	61.8	5:36a	61.0	12:04a	0.9	0.0	0.00	3.5	13.0	2:55a	SE
14	55.2	66.1	5:26p	48.8	11:56p	2.7	0.0	0.00	6.7	27.0	5:52p	NNW
15	49.5	56.3	4:22p	41.1	11:50p	15.5	0.0	0.00	4.6	30.0	4:06p	NNW
16	51.2	66.9	5:28p	35.0	2:36a	13.8	0.2	0.00	1.7	20.0	12:19p	NNW
17	52.6	59.3	6:19p	47.4	12:01a	12.4	0.0	0.06	0.1	8.0	6:20a	S
18	53.4	58.0	3:50p	50.6	5:56a	11.6	0.0	0.02	0.7	11.0	3:56p	N
19	59.0	71.8	5:21p	49.9	6:16a	7.4	1.4	0.01	0.5	12.0	6:01p	NNW
20	60.2	73.9	3:01p	42.7	6:35a	7.4	2.7	0.00	0.9	17.0	3:56p	SE
21	54.9	63.1	12:01a	52.4	7:41a	10.0	0.0	0.67	0.3	9.0	12:44a	N
22	53.4	55.4	5:19p	50.8	6:25a	11.6	0.0	0.52	0.9	12.0	1:07p	NNW
23	60.1	74.8	3:40p	52.3	4:01a	6.4	1.5	0.06	1.1	25.0	4:53p	NNW
24	65.1	81.7	3:58p	49.3	5:34a	5.3	5.3	0.00	1.7	21.0	4:55p	NNW
25	68.5	85.7	4:52p	50.9	6:15a	3.7	7.2	0.00	1.1	14.0	1:34p	S
26	71.5	86.1	2:30p	57.1	5:00a	1.8	8.2	0.02	0.9	20.0	7:03p	S
27	75.9	88.4	4:05p	66.1	3:59a	0.0	10.9	0.00	1.4	14.0	12:50p	S
28	77.0	88.8	3:04p	65.9	6:36a	0.0	12.0	0.00	1.3	15.0	6:27p	S
29	73.4	82.9	1:49p	64.0	5:20a	0.1	8.4	0.05	1.0	14.0	12:40p	S
30	72.4	85.1	5:00p	63.1	6:09a	0.2	7.7	0.15	0.3	10.0	3:56p	S
31	74.4	87.4	4:11p	62.5	6:32a	0.1	9.5	0.00	0.3	23.0	3:06p	NNW
	60.4	88.8	28	35.0	16	212.9	80.7	3.51	1.6	30.0	15	NNW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.67 ON 05/21/16

Days of Rain: 15 (>.01 in) 8 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JUN. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	DIR		
1	74.1	86.3	3:03p	60.0	6:00a	0.9	10.0	0.00	1.2	13.0	2:50p	SSE
2	72.6	79.4	3:12p	65.8	5:23a	0.0	7.6	0.09	1.8	14.0	8:08a	SSE
3	72.2	80.3	1:11p	67.8	5:12a	0.0	7.2	0.52	0.5	22.0	2:01p	SE
4	74.0	82.3	3:14p	66.5	4:34a	0.0	9.0	0.01	2.0	15.0	4:59p	S
5	72.1	81.5	1:43p	65.5	11:32p	0.0	7.1	0.58	2.9	26.0	3:00p	S
6	74.3	84.0	5:57p	65.0	12:58a	0.0	9.3	0.06	2.2	19.0	3:23p	SW
7	70.1	79.8	12:26p	60.9	6:02a	0.4	5.5	0.09	1.9	26.0	7:08p	NNW
8	60.6	67.2	4:45p	53.4	11:44p	4.6	0.2	0.03	5.9	36.0	11:50a	NNW
9	63.0	77.6	4:08p	45.5	5:48a	5.9	3.9	0.00	3.4	22.0	1:47p	NNW
10	66.5	80.1	6:10p	50.3	6:03a	3.2	4.7	0.00	1.0	13.0	1:02p	NNW
11	77.0	92.3	4:36p	60.4	5:38a	0.9	12.9	0.00	2.1	21.0	3:51p	S
12	78.6	86.1	12:47p	65.2	12:00m	0.0	13.6	0.00	6.2	29.0	1:15p	NNW
13	67.3	77.6	4:53p	55.1	5:24a	1.8	4.0	0.00	3.2	26.0	12:39a	NNW
14	68.7	79.9	6:37p	57.9	11:52p	0.8	4.5	0.00	1.5	14.0	1:20p	N
15	69.9	81.5	4:35p	57.7	12:47a	1.0	5.9	0.01	1.7	13.0	3:38p	SE
16	73.4	82.6	2:12p	66.3	8:54p	0.0	8.4	0.17	0.7	24.0	8:21p	NNW
17	71.7	82.4	5:12p	60.9	5:53a	0.4	7.1	0.04	0.4	10.0	10:54a	SE
18	65.1	74.6	10:24a	58.8	6:22a	0.7	0.8	0.01	0.1	7.0	10:23a	SE
19	78.3	86.2	4:38p	63.8	11:47p	0.0	5.1	0.00	0.8	13.0	3:02p	SW
20	74.9	87.5	3:53p	59.2	6:14a	0.4	10.3	0.00	0.8	13.0	3:05p	SW
21	73.4	83.0	10:55a	65.4	11:59p	0.0	8.3	0.00	1.2	42.0	7:14p	S
22	71.8	81.6	6:37p	63.2	6:40a	0.3	7.1	0.01	0.7	14.0	11:52a	NNW
23	71.4	79.4	4:06p	64.8	1:17a	0.0	6.5	0.01	0.8	13.0	11:59a	SW
24	73.3	82.6	5:22p	68.0	3:03a	0.0	8.3	0.00	0.5	10.0	12:49p	NNW
25	73.0	82.0	5:39p	65.1	11:58p	0.0	8.0	0.00	0.6	12.0	12:01p	SSE
26	73.2	83.6	4:34p	60.0	5:23a	0.9	9.0	0.00	2.5	17.0	1:00p	S
27	73.4	81.9	6:10p	63.7	4:02a	0.1	8.5	0.00	1.3	15.0	10:44a	SE
28	75.8	88.4	3:05p	68.3	11:56p	0.0	10.8	0.54	1.6	25.0	3:50p	SSW
29	69.1	75.8	4:37p	59.8	11:59p	0.6	4.7	0.00	3.7	18.0	2:39p	NNW
30	68.5	82.2	5:26p	54.4	5:47a	2.8	6.3	0.00	1.3	11.0	2:15p	S
	71.6	92.3	11	45.5	9	25.7	214.6	2.17	1.8	42.0	21	NNW

Max >= 90.0: 1

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.58 ON 06/05/16

Days of Rain: 9 (>.01 in) 4 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JUL. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		HIGH
1	73.8	85.4	4:27p	62.4	5:04a	0.4	9.2	0.00	1.9	18.0	12:39p	SSW
2	69.3	75.8	5:09p	61.9	6:23a	0.3	4.6	0.00	2.9	16.0	9:44a	N
3	67.4	74.0	1:12p	61.6	5:21a	0.9	3.3	0.00	1.9	12.0	10:43a	S
4	67.8	69.9	6:32p	64.5	12:05a	0.0	2.8	0.32	3.0	16.0	1:39p	SE
5	77.0	84.9	2:19p	69.4	12:01a	0.0	12.0	0.03	2.7	18.0	1:32p	NNW
6	78.8	90.0	4:57p	67.9	4:32a	0.0	13.8	0.00	1.1	10.0	1:20p	WSW
7	78.0	86.6	1:42p	69.4	5:17a	0.0	13.0	0.00	1.6	17.0	12:40p	NNW
8	78.1	87.8	6:04p	67.5	6:18a	0.0	13.1	0.00	1.5	16.0	2:26p	NNW
9	78.9	89.0	4:19p	70.0	6:38a	0.0	13.9	0.00	2.6	17.0	2:04p	NW
10	74.6	83.9	6:22p	65.3	7:06a	0.0	9.6	0.00	2.7	18.0	2:02p	NNW
11	71.6	85.6	5:50p	58.2	6:29a	1.4	8.0	0.00	0.9	13.0	3:17p	N
12	75.5	85.6	4:44p	63.0	3:48a	0.2	10.7	0.00	4.1	22.0	4:11p	SE
13	79.8	90.2	5:40p	71.9	3:45a	0.0	14.8	0.00	2.4	16.0	8:24p	SE
14	82.3	94.0	4:50p	72.1	6:09a	0.0	17.3	0.00	3.6	19.0	12:47p	S
15	79.0	87.5	5:35p	70.6	5:04a	0.0	14.0	0.00	1.9	14.0	12:14p	SSW
16	76.4	87.1	3:27p	68.0	5:55a	0.0	11.4	0.00	1.9	23.0	5:15p	SSW
17	76.9	90.4	5:36p	64.0	6:13a	0.0	11.9	0.00	1.2	13.0	12:49p	SSE
18	75.7	90.7	1:27p	66.2	4:38a	0.0	10.7	0.61	2.8	31.0	2:33p	SSW
19	77.6	89.1	5:57p	68.4	3:36a	0.0	12.6	0.00	1.2	16.0	1:24p	N
20	73.5	85.5	5:32p	61.7	6:26a	0.3	8.8	0.00	0.7	10.0	11:47a	N
21	73.7	89.1	4:37p	58.9	6:05a	1.1	9.8	0.00	0.9	10.0	11:04a	SSE
22	78.0	90.6	3:07p	64.8	6:04a	0.0	13.0	0.00	1.5	13.0	1:58p	WSW
23	79.6	94.6	4:14p	68.9	6:14a	0.0	14.6	0.20	1.9	27.0	4:53p	NNW
24	80.9	93.4	4:50p	67.9	6:12a	0.0	15.9	0.00	1.7	15.0	9:12p	SSE
25	80.5	93.7	2:18p	72.5	6:31a	0.0	15.5	1.31	1.8	25.0	4:24p	S
26	79.9	88.9	4:59p	72.1	5:20a	0.0	14.9	0.00	0.8	9.0	2:13p	WSW
27	80.4	92.2	4:59p	73.0	6:34a	0.0	15.4	0.00	0.7	9.0	3:02p	S
28	75.3	86.0	1:01p	70.6	5:58a	0.0	10.3	0.46	0.9	12.0	7:34p	NNW
29	77.5	88.4	6:09p	69.5	5:22a	0.0	12.5	0.35	2.1	14.0	3:35p	N
30	74.5	85.1	2:39p	69.7	5:44a	0.0	9.5	1.69	2.0	24.0	3:56p	SSE
31	74.6	84.7	2:38p	69.0	2:30a	0.0	9.6	0.11	1.1	13.0	3:29p	S
	76.4	94.6	23	58.2	11	4.6	356.5	5.08	1.9	31.0	18	NNW

Max >= 90.0: 10

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 1.69 ON 07/30/16

Days of Rain: 9 (>.01 in) 8 (>.1 in) 2 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for AUG. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		HIGH
1	76.2	87.9	3:25p	68.6	5:22a	0.0	11.2	0.00	0.9	14.0	3:46p	NNW
2	75.8	87.8	5:02p	67.4	6:22a	0.0	10.8	0.00	0.7	11.0	12:21p	N
3	73.9	81.8	3:55p	66.7	11:48p	0.0	8.9	0.00	1.8	15.0	1:41a	SE
4	73.1	82.0	5:32p	65.2	5:41a	0.0	8.1	0.00	1.6	12.0	11:37a	SE
5	73.5	82.0	4:05p	65.5	2:10a	0.0	8.5	0.06	3.9	18.0	2:30p	S
6	77.4	88.5	3:50p	69.9	4:19a	0.0	12.4	0.01	1.6	14.0	6:35p	NNW
7	73.1	85.9	5:27p	59.3	6:30a	0.8	8.9	0.00	1.0	16.0	1:41p	WSW
8	71.6	82.5	5:55p	63.4	6:49a	0.2	6.7	0.00	0.6	9.0	6:53p	SSE
9	70.7	76.9	5:06p	63.1	5:16a	0.2	5.9	0.00	2.2	12.0	4:15p	SE
10	80.0	90.3	4:17p	70.8	2:04a	0.0	15.0	0.01	3.0	16.0	5:28p	S
11	82.6	91.7	3:44p	74.8	6:27a	0.0	17.6	0.00	2.7	17.0	3:37p	S
12	81.3	92.6	4:42p	75.5	6:37a	0.0	16.3	0.52	2.0	17.0	5:27p	S
13	82.8	94.4	4:35p	74.3	6:40a	0.0	17.8	0.00	1.6	17.0	8:02p	SSW
14	80.9	93.5	6:39p	72.0	11:58p	0.0	15.9	0.06	1.9	27.0	7:11p	WSW
15	76.2	90.1	3:16p	68.0	6:34a	0.0	11.2	0.14	0.9	17.0	4:42p	N
16	76.3	89.8	2:15p	70.1	5:48a	0.0	11.3	0.89	2.3	28.0	2:42p	SE
17	77.9	89.7	4:08p	72.7	11:25p	0.0	12.9	0.98	1.7	35.0	5:34p	NNW
18	77.6	88.5	5:57p	70.4	5:01a	0.0	12.6	0.00	1.9	15.0	10:45a	NNW
19	75.1	88.0	6:34p	63.9	5:59a	0.1	10.1	0.00	0.5	9.0	3:03p	NNW
20	75.8	86.9	4:02p	64.5	6:47a	0.0	10.8	0.00	2.0	14.0	1:24p	SE
21	75.5	82.8	3:24p	68.3	11:43p	0.0	10.5	0.05	3.1	18.0	3:35p	SE
22	70.7	80.8	5:36p	60.5	6:44a	0.5	6.3	0.00	2.5	19.0	12:27p	NNW
23	68.1	81.2	4:47p	55.5	6:15a	2.8	5.8	0.00	1.3	12.0	12:36p	S
24	72.6	84.3	5:02p	60.0	6:08a	1.2	8.8	0.00	2.6	14.0	2:02p	SE
25	77.3	89.0	4:57p	66.9	6:04a	0.0	12.3	0.00	2.3	13.0	11:01a	SE
26	80.6	92.4	5:41p	71.2	6:17a	0.0	15.6	0.00	1.8	16.0	12:22p	NNW
27	76.7	88.3	3:33p	64.7	6:59a	0.0	11.8	0.00	1.3	12.0	1:48p	SE
28	77.6	87.1	3:55p	66.6	6:42a	0.0	12.6	0.00	1.8	12.0	12:21p	SE
29	76.9	91.5	5:32p	65.2	7:06a	0.0	11.9	0.00	0.8	11.0	1:05p	N
30	73.7	87.9	5:00p	61.9	7:02a	0.3	9.1	0.00	0.7	13.0	2:52p	NNW
31	74.9	88.5	3:42p	62.6	6:48a	0.4	10.3	0.00	1.1	11.0	1:03p	S
	76.0	94.4	13	55.5	23	6.5	347.9	2.72	1.7	35.0	17	SE

Max >= 90.0: 8

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.98 ON 08/17/16

Days of Rain: 7 (>.01 in) 4 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for SEP. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		HIGH
1	72.8	81.4	2:43p	67.1	11:59p	0.0	7.8	0.30	1.5	18.0	3:44p	N
2	67.8	79.5	4:31p	56.3	7:31a	1.7	4.5	0.00	1.3	13.0	1:06p	N
3	69.0	80.7	4:20p	59.7	7:19a	1.2	5.2	0.00	2.1	15.0	3:12p	N
4	68.5	83.5	4:33p	59.0	7:23a	2.0	5.5	0.00	0.7	13.0	11:40a	N
5	68.2	86.1	6:18p	53.7	6:33a	3.3	6.5	0.00	0.8	10.0	1:31p	WSW
6	75.1	90.2	3:58p	59.3	3:01a	0.7	10.9	0.00	4.3	23.0	1:02p	NNW
7	75.1	90.6	4:08p	65.0	5:20a	0.0	10.1	0.02	1.3	20.0	5:00p	NW
8	79.9	92.9	5:06p	69.8	6:40a	0.0	14.9	0.00	1.2	14.0	12:06p	WSW
9	80.7	92.2	4:40p	72.6	11:31p	0.0	15.7	0.04	1.5	23.0	9:45p	S
10	80.2	91.9	3:42p	70.8	3:05a	0.0	15.2	0.00	3.4	17.0	2:17p	S
11	74.6	80.3	12:01a	60.4	11:56p	0.3	9.9	0.00	4.3	24.0	9:59a	NNW
12	66.8	80.6	4:22p	53.1	7:11a	3.4	5.2	0.00	0.9	11.0	2:02p	SE
13	74.1	86.4	4:43p	63.5	3:06a	0.2	9.2	0.00	2.3	14.0	1:17p	SE
14	75.5	88.4	5:20p	62.4	7:17a	0.2	10.7	0.00	1.3	13.0	10:14p	N
15	68.5	73.6	5:33p	63.0	8:22a	0.2	3.7	0.00	1.5	11.0	7:28a	N
16	68.4	74.2	4:02p	63.8	7:35a	0.2	3.6	0.00	2.9	15.0	10:32a	SE
17	71.7	79.7	5:31p	64.1	2:39a	0.1	6.7	0.00	5.1	17.0	9:21a	SSE
18	74.3	83.0	3:11p	68.2	6:16a	0.0	9.3	0.00	2.4	15.0	4:14p	SE
19	71.0	76.1	6:35p	67.2	11:37p	0.0	6.0	0.16	0.7	9.0	12:02p	NNW
20	70.4	84.2	4:09p	63.4	11:55p	0.1	5.6	0.01	0.6	8.0	9:45a	NNW
21	69.8	85.8	4:40p	58.6	7:31a	1.7	6.5	0.00	0.6	11.0	12:37p	SE
22	69.4	86.0	4:46p	56.5	6:56a	2.3	6.7	0.00	0.7	12.0	2:52p	N
23	69.4	89.2	4:57p	54.5	7:19a	2.9	7.3	0.00	0.7	10.0	2:09p	NNW
24	66.6	76.5	5:11p	53.8	11:36p	1.6	3.3	0.00	1.9	15.0	9:24a	N
25	59.3	73.3	4:39p	45.3	7:25a	7.5	1.7	0.00	1.0	13.0	12:49p	N
26	62.6	66.4	3:05p	54.3	2:52a	2.6	0.2	0.00	4.9	20.0	4:15p	SE
27	65.2	76.1	3:39p	54.8	8:07a	2.5	2.7	0.02	1.6	14.0	12:28p	SE
28	63.1	69.9	2:10p	55.5	1:57a	2.5	0.7	0.44	1.5	14.0	11:34a	SE
29	63.8	67.5	1:33p	60.1	6:35a	1.6	0.4	0.94	2.4	21.0	3:18p	SE
30	59.5	61.4	12:10a	56.8	7:53a	5.5	0.0	0.37	1.2	10.0	9:26a	N
	70.0	92.9	8	45.3	25	44.3	195.7	2.30	1.9	24.0	11	N

Max >= 90.0: 5

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.94 ON 09/29/16

Days of Rain: 8 (>.01 in) 5 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for OCT. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	DIR		
1	59.5	61.8	2:37p	57.7	8:27a	5.5	0.0	0.14	1.4	7.0	8:05a	N
2	63.0	72.3	5:03p	57.5	11:48p	3.4	1.4	0.01	0.9	11.0	5:04p	SE
3	62.0	73.8	4:04p	53.4	7:24a	4.9	1.9	0.00	1.9	15.0	12:02p	NNW
4	59.3	73.3	2:43p	48.7	7:44a	7.2	1.5	0.00	0.7	13.0	2:38p	SE
5	58.8	69.9	5:28p	49.9	11:58p	6.9	0.7	0.00	0.6	11.0	12:11p	N
6	56.7	69.7	4:55p	45.5	7:16a	9.1	0.8	0.00	0.9	13.0	1:43p	SW
7	62.6	73.7	3:02p	51.6	12:46a	4.4	2.0	0.00	1.5	11.0	2:05p	N
8	63.6	65.6	12:01a	59.8	11:58p	1.4	0.0	0.17	1.4	15.0	11:31p	N
9	57.4	64.2	3:50p	51.7	8:04a	7.6	0.0	0.00	10.8	31.0	1:21p	NNW
10	51.4	63.5	4:38p	40.4	11:26p	13.6	0.0	0.00	4.8	20.0	8:42a	NNW
11	47.7	63.8	3:06p	33.9	7:13a	17.3	0.0	0.00	0.8	12.0	2:53p	SSE
12	52.2	66.5	3:10p	39.2	7:23a	13.0	0.2	0.00	1.6	14.0	1:22p	S
13	55.2	69.3	4:14p	44.9	5:10a	10.1	0.3	0.01	3.0	20.0	5:57p	NNW
14	48.7	62.8	4:29p	35.4	7:34a	16.3	0.0	0.00	0.7	13.0	3:35p	N
15	52.1	66.5	3:50p	36.6	7:42a	13.0	0.1	0.00	2.1	15.0	3:40p	SE
16	61.0	74.8	3:22p	49.4	7:10a	6.2	2.2	0.00	1.8	12.0	12:25p	SE
17	67.1	82.7	3:28p	52.8	6:43a	3.6	5.7	0.00	1.7	13.0	1:08p	S
18	69.8	84.3	3:17p	57.1	6:07a	2.0	6.8	0.00	3.0	19.0	1:23p	S
19	72.2	84.6	5:09p	62.4	7:29a	0.1	7.3	0.00	1.3	13.0	1:34p	S
20	71.9	81.8	3:45p	60.9	8:03a	0.4	7.3	0.00	4.2	19.0	3:31p	SSE
21	63.8	71.3	10:48a	54.4	11:57p	2.9	1.7	0.04	6.7	25.0	11:56p	NNW
22	51.2	55.9	1:43p	47.3	11:59p	13.8	0.0	0.00	10.9	35.0	2:36p	NNW
23	55.6	69.0	4:08p	45.1	2:57a	9.9	0.5	0.00	3.3	25.0	1:54p	NW
24	57.5	65.5	2:57p	45.5	11:00p	7.5	0.0	0.00	5.5	28.0	3:29p	NNW
25	47.7	58.0	3:17p	35.7	11:51p	17.3	0.0	0.00	3.9	23.0	2:25p	NNW
26	42.8	55.7	2:58p	28.5	7:44a	22.1	0.0	0.00	0.6	11.0	1:14p	SE
27	50.0	56.4	5:17p	46.4	11:09p	15.0	0.0	0.17	4.5	21.0	10:05a	SSE
28	50.3	58.9	3:32p	38.0	12:00m	14.7	0.0	0.00	4.6	22.0	10:22a	NNW
29	57.4	80.1	4:36p	36.2	7:47a	11.7	4.1	0.00	3.2	20.0	4:43p	SW
30	69.7	81.8	2:48p	59.0	11:58p	0.7	5.4	0.04	4.3	27.0	4:39p	NNW
31	50.1	59.0	12:01a	40.6	11:59p	14.9	0.0	0.00	3.3	18.0	1:00a	N
	57.7	84.6	19	28.5	26	276.5	49.9	0.58	3.1	35.0	22	NNW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 1

Min <= 0.0: 0

Max Rain: 0.17 ON 10/08/16

Days of Rain: 5 (>.01 in) 3 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for NOV. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		DIR
1	50.6	59.1	3:29p	38.1	2:53a	14.4	0.0	0.00	4.2	16.0	2:04p	SE
2	58.3	75.7	4:36p	46.2	5:54a	8.3	1.6	0.01	0.4	7.0	12:01a	SE
3	64.4	72.7	2:14p	54.0	11:44p	2.3	1.8	0.00	3.7	19.0	2:34p	NNW
4	53.0	60.3	4:16p	40.4	11:21p	12.0	0.0	0.00	4.3	20.0	12:22p	NNW
5	47.9	65.4	5:15p	31.5	7:53a	17.0	0.0	0.00	1.5	17.0	12:59p	NNW
6	49.2	65.8	2:36p	36.2	4:57a	15.8	0.0	0.00	3.0	21.0	11:32a	N
7	43.6	61.9	2:41p	30.1	6:54a	21.4	0.0	0.00	0.8	11.0	11:29a	NNW
8	46.6	65.9	2:45p	27.6	6:38a	18.4	0.0	0.00	0.5	8.0	11:36a	S
9	51.9	57.5	10:34a	46.4	11:58p	13.1	0.0	0.26	3.9	22.0	11:08a	NNW
10	48.6	61.7	3:30p	37.9	7:07a	16.3	0.0	0.00	3.0	17.0	12:13a	NNW
11	53.0	61.5	2:27p	40.5	11:59p	12.0	0.0	0.00	7.9	28.0	1:40p	NNW
12	37.3	50.6	4:32p	27.2	11:52p	27.6	0.0	0.00	1.8	13.0	9:55a	NNW
13	38.3	62.5	3:54p	22.5	7:00a	26.6	0.0	0.00	0.7	11.0	1:03p	WSW
14	41.1	56.0	1:54p	22.9	6:58a	23.8	0.0	0.00	0.7	10.0	10:52p	SW
15	47.3	59.8	2:59p	33.5	12:00m	17.7	0.0	0.00	1.5	16.0	11:22a	NNW
16	45.6	60.2	3:57p	29.6	3:03a	19.4	0.0	0.00	1.5	11.0	4:03p	NW
17	44.1	60.1	3:25p	29.7	7:09a	20.9	0.0	0.00	1.5	13.0	11:17a	NNW
18	45.5	69.9	2:56p	29.5	5:32a	19.8	0.4	0.00	0.3	6.0	10:54a	SSW
19	43.9	67.8	12:31p	33.9	7:21a	21.2	0.1	0.04	4.7	33.0	2:08p	NW
20	37.2	40.0	10:03a	34.2	3:58a	27.8	0.0	0.00	9.6	36.0	11:16a	NW
21	35.6	39.8	1:25p	32.5	7:27a	29.4	0.0	0.00	10.8	33.0	2:08a	NW
22	35.6	45.0	2:54p	25.2	11:59p	29.3	0.0	0.00	4.6	23.0	10:12a	NW
23	35.4	50.6	2:31p	18.3	7:19a	29.6	0.0	0.00	0.7	9.0	11:08p	SE
24	46.4	52.7	1:43p	41.5	10:52p	18.6	0.0	0.00	2.2	15.0	1:58a	SE
25	47.6	56.3	3:00p	37.7	5:23a	17.4	0.0	0.00	0.8	11.0	10:36p	N
26	42.8	47.9	12:39p	33.2	12:00m	22.2	0.0	0.00	5.1	20.0	5:42a	NNW
27	37.4	50.3	2:17p	27.3	11:54p	27.6	0.0	0.00	1.7	18.0	12:12p	NW
28	38.0	48.8	3:04p	24.6	3:22a	26.9	0.0	0.00	3.7	18.0	1:59p	SE
29	49.5	56.8	12:43p	44.8	7:59p	15.5	0.0	0.36	3.2	24.0	11:48a	SSE
30	50.6	56.1	9:29p	46.5	1:46a	14.4	0.0	0.64	1.0	14.0	11:37p	NNW
	45.5	75.7	2	18.3	23	586.7	3.9	1.31	3.0	36.0	20	NNW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 13

Min <= 0.0: 0

Max Rain: 0.64 ON 11/30/16

Days of Rain: 4 (>.01 in) 3 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2016

NAME: WMREC CITY: STATE:
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	HIGH		DIR
1	48.0	54.4	12:29a	42.2	11:59p	17.0	0.0	0.03	5.7	24.0	10:33a	NW
2	42.2	45.2	11:22a	39.8	8:00a	22.8	0.0	0.00	5.3	21.0	9:49p	WNW
3	41.2	43.8	12:30p	37.9	12:00m	23.8	0.0	0.00	6.0	24.0	1:37a	NW
4	37.3	43.5	2:22p	27.8	7:19a	27.7	0.0	0.08	1.4	20.0	11:49p	SE
5	41.9	52.2	1:30p	34.5	11:53p	23.1	0.0	0.11	2.3	16.0	12:02a	S
6	36.2	39.8	10:08a	32.8	4:33a	28.8	0.0	0.78	1.2	10.0	10:24a	NNW
7	38.8	48.6	2:39p	28.4	11:55p	26.2	0.0	0.00	1.2	14.0	10:43a	NNW
8	34.5	45.4	12:52p	27.5	2:27a	30.4	0.0	0.00	5.0	28.0	12:58p	NW
9	29.7	34.8	1:25p	26.7	3:24a	35.2	0.0	0.00	6.1	27.0	12:39p	NW
10	26.8	33.5	2:03p	18.9	10:38p	38.2	0.0	0.00	3.0	20.0	10:12a	NW
11	29.2	35.7	11:36p	21.7	12:01a	35.7	0.0	0.01	4.0	17.0	10:41p	SSE
12	38.0	49.1	3:57p	32.7	12:00m	27.0	0.0	0.12	2.4	15.0	12:39a	NNW
13	33.7	43.1	2:34p	26.1	6:42a	31.2	0.0	0.00	0.8	10.0	1:09p	SE
14	34.9	42.0	1:21p	29.4	10:33p	30.0	0.0	0.00	2.6	21.0	1:36p	NNW
15	20.3	34.6	12:27a	9.2	11:42p	44.6	0.0	0.00	8.8	32.0	12:43p	NW
16	17.5	25.5	12:00m	7.9	5:17a	47.3	0.0	0.00	2.9	18.0	9:57p	SSE
17	29.9	34.3	7:34p	24.6	5:30a	35.0	0.0	0.01	3.4	18.0	5:43a	SE
18	39.9	55.1	11:57a	29.9	11:36p	25.0	0.0	0.28	5.4	33.0	12:04p	NNW
19	27.5	32.4	1:26p	21.4	8:16a	37.5	0.0	0.00	1.8	13.0	1:13p	NNW
20	24.2	35.7	3:21p	13.7	7:40a	40.8	0.0	0.00	1.2	11.0	1:18p	SSE
21	30.7	44.7	3:01p	19.7	7:12a	34.3	0.0	0.00	0.2	7.0	11:20a	SE
22	40.1	52.5	12:41p	26.7	7:48a	24.9	0.0	0.00	4.7	30.0	2:36p	NNW
23	36.2	43.5	2:46p	26.4	6:53a	28.8	0.0	0.00	1.4	11.0	7:01p	SE
24	42.8	49.5	3:14p	37.1	5:47a	22.2	0.0	0.18	2.5	15.0	9:25p	SE
25	39.5	47.9	12:01a	30.0	9:04p	25.5	0.0	0.00	1.7	15.0	9:29a	N
26	42.3	46.1	7:23p	35.3	12:01a	22.7	0.0	0.00	4.9	20.0	4:08p	SSE
27	52.7	61.4	2:44p	43.1	1:51a	12.3	0.0	0.01	5.1	28.0	10:41a	WNW
28	38.3	46.4	4:13p	27.7	9:43p	26.6	0.0	0.00	2.8	18.0	3:09a	NW
29	37.8	49.6	2:14p	28.9	8:43p	27.2	0.0	0.17	4.7	30.0	3:32p	SSE
30	34.3	38.9	12:01a	25.7	12:00m	30.6	0.0	0.00	6.8	30.0	12:15p	WNW
31	36.5	45.2	4:20p	24.9	1:41a	28.5	0.0	0.00	5.7	26.0	4:19p	S
	35.6	61.4	27	7.9	16	910.9	0.0	1.78	3.6	33.0	18	NW

Max >= 90.0: 0

Max <= 32.0: 1

Min <= 32.0: 22

Min <= 0.0: 0

Max Rain: 0.78 ON 12/06/16

Days of Rain: 8 (>.01 in) 6 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration