

MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2017

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   | 42.4 | 51.7 | 3:59p  | 33.2 | 7:46p  | 22.6  | 0.0  | 0.00 | 1.8  | 16.0  | 12:10p | NNW |
| 2   | 40.0 | 44.4 | 12:01a | 38.7 | 11:06p | 25.0  | 0.0  | 0.24 | 2.4  | 15.0  | 4:55a  | NNW |
| 3   | 39.6 | 41.4 | 3:01p  | 38.2 | 7:26a  | 25.3  | 0.0  | 0.64 | 0.7  | 8.0   | 10:02a | NNW |
| 4   | 41.7 | 50.8 | 11:36a | 29.5 | 11:54p | 23.3  | 0.0  | 0.01 | 5.1  | 30.0  | 2:25p  | NW  |
| 5   | 28.3 | 33.6 | 3:44p  | 21.6 | 5:28a  | 36.6  | 0.0  | 0.00 | 1.3  | 13.0  | 12:31a | NW  |
| 6   | 23.9 | 27.4 | 12:01a | 19.0 | 10:54p | 40.9  | 0.0  | 0.01 | 3.5  | 17.0  | 10:51a | NNW |
| 7   | 19.2 | 22.5 | 3:31p  | 15.9 | 11:58p | 45.7  | 0.0  | 0.00 | 7.5  | 23.0  | 9:36p  | NNW |
| 8   | 15.6 | 20.3 | 3:19p  | 11.7 | 3:43a  | 49.3  | 0.0  | 0.00 | 7.2  | 29.0  | 1:30p  | NW  |
| 9   | 17.4 | 26.0 | 3:31p  | 7.0  | 2:03a  | 47.5  | 0.0  | 0.00 | 3.4  | 20.0  | 12:19p | SE  |
| 10  | 26.8 | 39.0 | 10:55p | 19.1 | 5:50a  | 38.1  | 0.0  | 0.04 | 6.8  | 23.0  | 10:52a | SSE |
| 11  | 44.5 | 52.8 | 1:49p  | 36.4 | 12:01a | 20.5  | 0.0  | 0.30 | 3.8  | 16.0  | 1:38a  | S   |
| 12  | 56.6 | 66.7 | 3:05p  | 41.9 | 2:03a  | 8.5   | 0.1  | 0.02 | 4.6  | 21.0  | 1:26p  | S   |
| 13  | 45.3 | 57.1 | 2:05a  | 35.9 | 11:49p | 19.7  | 0.0  | 0.00 | 5.7  | 19.0  | 4:49a  | NNW |
| 14  | 32.6 | 35.9 | 12:01a | 31.1 | 8:44a  | 32.3  | 0.0  | 0.10 | 0.8  | 12.0  | 12:54p | SSE |
| 15  | 33.4 | 39.5 | 1:00p  | 27.6 | 11:20p | 31.6  | 0.0  | 0.02 | 1.1  | 13.0  | 11:48a | N   |
| 16  | 36.5 | 42.6 | 3:32p  | 29.0 | 12:01a | 28.5  | 0.0  | 0.00 | 1.7  | 12.0  | 3:04p  | SSE |
| 17  | 39.4 | 44.7 | 6:16p  | 35.5 | 5:49a  | 25.6  | 0.0  | 0.16 | 2.6  | 15.0  | 11:37a | NNW |
| 18  | 44.4 | 52.7 | 2:56p  | 39.5 | 6:18a  | 20.5  | 0.0  | 0.00 | 4.2  | 22.0  | 12:31p | NNW |
| 19  | 42.1 | 50.3 | 3:29p  | 30.2 | 11:37p | 22.9  | 0.0  | 0.00 | 1.8  | 13.0  | 6:16a  | NNW |
| 20  | 40.5 | 45.7 | 2:56p  | 30.2 | 1:01a  | 24.4  | 0.0  | 0.06 | 3.2  | 17.0  | 10:37a | SE  |
| 21  | 44.8 | 47.2 | 7:56p  | 42.0 | 4:48a  | 20.2  | 0.0  | 0.00 | 1.1  | 11.0  | 5:59p  | SE  |
| 22  | 45.7 | 48.8 | 11:52p | 44.3 | 6:44a  | 19.3  | 0.0  | 0.05 | 1.2  | 10.0  | 1:13p  | N   |
| 23  | 40.8 | 50.1 | 1:46a  | 34.3 | 9:09p  | 24.2  | 0.0  | 0.84 | 3.4  | 20.0  | 9:43a  | N   |
| 24  | 40.1 | 44.6 | 4:27p  | 34.6 | 7:10a  | 24.9  | 0.0  | 0.09 | 6.7  | 23.0  | 9:52a  | NNW |
| 25  | 49.0 | 59.3 | 4:08p  | 41.8 | 5:37a  | 15.9  | 0.0  | 0.00 | 4.4  | 18.0  | 12:42a | NW  |
| 26  | 44.6 | 51.8 | 9:43a  | 39.7 | 2:34a  | 20.4  | 0.0  | 0.00 | 6.8  | 36.0  | 10:57a | WNW |
| 27  | 36.6 | 40.0 | 1:06a  | 34.3 | 10:49p | 28.4  | 0.0  | 0.00 | 6.2  | 22.0  | 3:32a  | WNW |
| 28  | 37.1 | 44.4 | 2:57p  | 32.8 | 11:13p | 27.8  | 0.0  | 0.00 | 4.3  | 21.0  | 2:24p  | W   |
| 29  | 36.3 | 40.6 | 3:01p  | 30.4 | 11:14p | 28.7  | 0.0  | 0.00 | 2.8  | 21.0  | 1:51p  | W   |
| 30  | 30.1 | 34.5 | 3:21p  | 23.0 | 11:52p | 34.9  | 0.0  | 0.00 | 3.4  | 25.0  | 3:30p  | WNW |
| 31  | 36.9 | 52.1 | 3:01p  | 23.3 | 1:22a  | 28.0  | 0.0  | 0.00 | 5.6  | 28.0  | 7:47a  | S   |
|     | 37.2 | 66.7 | 12     | 7.0  | 9      | 861.5 | 0.1  | 2.58 | 3.7  | 36.0  | 26     | NNW |

Max >= 90.0: 0

Max <= 32.0: 4

Min <= 32.0: 15

Min <= 0.0: 0

Max Rain: 0.84 ON 01/23/17

Days of Rain: 12 (>.01 in) 5 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration