

MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	29.2	33.3	8:30p	22.1	4:30a	35.8	0.0	1.04	0.0	1.0	12:30p	WNW
2	39.7	52.6	2:30p	32.3	8:00a	25.3	0.0	0.02	0.5	16.0	1:30p	N
3	34.9	37.4	12:00p	30.2	2:30a	30.1	0.0	0.16	0.0	6.0	1:00p	N
4	33.8	38.9	3:30p	28.2	6:00a	31.2	0.0	0.01	0.0	0.0	---	---
5	35.9	37.5	2:00p	34.5	4:30a	29.1	0.0	0.07	0.1	10.0	5:00p	N
6	37.3	38.7	2:00p	35.8	12:00m	27.7	0.0	0.00	1.9	21.0	11:30p	N
7	35.7	43.6	4:00p	26.3	11:30p	29.3	0.0	0.00	1.4	17.0	10:30a	N
8	29.7	33.6	4:00p	25.0	3:30a	35.3	0.0	0.00	0.5	10.0	1:30p	N
9	34.4	43.8	3:30p	25.8	1:30a	30.6	0.0	0.00	3.3	21.0	12:30p	N
10	35.2	46.0	4:00p	23.9	12:00m	29.8	0.0	0.00	0.7	14.0	1:00p	N
11	28.2	40.9	4:00p	20.8	4:00a	36.8	0.0	0.00	0.0	5.0	3:00p	S
12	29.3	44.6	4:00p	17.7	7:30a	35.7	0.0	0.00	0.1	11.0	12:00p	N
13	32.1	47.8	2:30p	20.3	6:30a	32.9	0.0	0.00	0.9	13.0	1:00p	S
14	37.6	51.8	3:30p	26.9	7:00a	27.4	0.0	0.00	0.0	9.0	1:30p	N
15	42.1	47.2	3:00p	35.9	12:30a	22.9	0.0	0.07	1.6	24.0	3:30p	S
16	36.1	43.9	3:00p	29.7	8:00a	28.9	0.0	0.00	0.5	18.0	5:00p	N
17	37.9	45.4	1:30p	32.9	2:30a	27.1	0.0	0.00	0.7	14.0	12:00p	S
18	36.1	42.5	2:00p	30.4	7:30a	28.9	0.0	0.00	0.4	17.0	4:30p	N
19	36.9	47.3	4:00p	25.2	11:30p	28.1	0.0	0.00	0.7	18.0	2:30p	N
20	32.7	39.6	12:00p	19.0	12:00m	32.3	0.0	0.00	2.6	33.0	2:00p	N
21	36.1	51.0	3:00p	17.4	2:00a	28.9	0.0	0.00	0.5	17.0	4:00p	S
22	40.3	44.1	12:00p	34.9	12:00m	24.7	0.0	0.00	1.4	24.0	6:00p	N
23	27.7	34.9	12:30a	20.9	12:00m	37.3	0.0	0.00	5.2	31.0	8:30a	N
24	26.8	33.0	3:00p	19.3	1:00a	38.2	0.0	0.00	0.1	11.0	12:30p	N
25	31.0	33.9	4:30p	29.3	8:30a	34.0	0.0	0.00	0.0	6.0	8:00p	S
26	32.1	34.1	5:00p	30.0	12:30a	32.9	0.0	0.09	0.3	13.0	9:30a	SW
27	34.9	38.4	3:00p	31.3	11:30p	30.1	0.0	0.06	2.3	18.0	11:30a	N
28	27.9	32.0	2:30p	23.3	12:00m	37.1	0.0	0.00	8.6	35.0	5:30p	N
29	25.7	30.9	2:00p	20.9	4:30a	39.3	0.0	0.00	4.7	27.0	5:30p	N
30	27.9	37.2	4:00p	18.4	8:00a	37.1	0.0	0.00	0.4	13.0	10:30a	N
31	28.8	32.0	4:00a	25.8	10:30p	36.2	0.0	0.02	0.7	16.0	5:00a	S

	33.4	52.6	2	17.4	21	981.0	0.0	1.54	1.3	35.0	28	N

Max >= 90.0: 0

Max <= 32.0: 3

Min <= 32.0: 25

Min <= 0.0: 0

Max Rain: 1.04 ON 01/01/21

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for FEB. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	27.5	31.2	11:00p	23.4	3:30a	37.5	0.0	0.00	1.7	13.0	1:00p	NNW
2	30.6	33.4	1:30p	28.9	11:00p	34.4	0.0	0.11	4.5	25.0	2:30p	N
3	33.5	39.5	2:30p	29.0	12:30a	31.5	0.0	0.15	3.6	34.0	4:00p	N
4	33.3	43.1	4:00p	19.7	7:30a	31.7	0.0	0.12	0.8	19.0	12:00m	N
5	41.5	48.5	2:00p	29.2	12:00m	23.5	0.0	0.00	2.5	20.0	3:30p	S
6	36.0	43.5	2:30p	26.3	1:30a	29.0	0.0	0.00	0.4	13.0	4:30a	S
7	30.7	37.1	3:00p	23.4	12:00m	34.3	0.0	0.19	1.4	21.0	4:30p	N
8	25.4	33.6	4:30p	14.8	8:00a	39.6	0.0	0.00	0.4	13.0	9:30p	S
9	32.1	36.1	4:30p	28.8	5:00a	32.9	0.0	0.00	0.9	20.0	2:30a	N
10	30.7	35.9	4:00p	24.3	4:00a	34.3	0.0	0.00	0.1	9.0	11:30a	NNE
11	29.9	32.2	2:00p	27.7	7:30a	35.1	0.0	0.07	0.5	17.0	1:30p	N
12	27.2	28.8	4:00p	25.1	2:00a	37.8	0.0	0.06	0.0	6.0	11:30a	S
13	26.9	28.4	1:30p	26.1	7:30a	38.1	0.0	0.00	0.0	6.0	3:00p	N
14	30.6	35.6	4:00p	25.1	5:30a	34.4	0.0	0.11	0.3	10.0	1:00p	N
15	32.5	33.7	2:30p	31.3	8:30a	32.5	0.0	0.33	0.2	15.0	10:00p	S
16	33.4	44.7	2:00p	24.9	12:00m	31.6	0.0	0.16	1.5	26.0	3:30p	N
17	24.6	29.7	5:00p	20.9	8:30a	40.4	0.0	0.01	1.0	16.0	8:30a	N
18	25.5	27.5	4:00p	22.4	7:00a	39.5	0.0	0.00	0.1	10.0	11:30a	N
19	29.6	34.3	4:30p	26.0	4:30a	35.4	0.0	0.23	1.5	21.0	9:30p	N
20	24.4	28.0	12:30a	20.1	7:30a	40.6	0.0	0.00	1.9	23.0	2:30a	N
21	24.7	35.5	4:00p	6.9	7:30a	40.3	0.0	0.04	0.4	15.0	10:00p	S
22	34.2	44.5	8:00p	27.4	9:00a	30.8	0.0	0.26	1.6	17.0	5:30a	S
23	41.4	51.0	5:00p	30.7	6:30a	23.6	0.0	0.01	1.0	21.0	4:30p	N
24	45.8	61.9	5:00p	26.3	7:30a	19.2	0.0	0.00	2.5	23.0	5:00p	S
25	42.7	54.5	12:30a	32.2	11:00p	22.3	0.0	0.00	1.9	24.0	2:00a	N
26	39.6	47.2	4:00p	32.0	12:30a	25.4	0.0	0.09	1.4	27.0	7:00p	S
27	40.1	50.1	5:30p	33.7	12:30a	24.9	0.0	0.10	0.2	8.0	11:30a	S
28	42.6	45.8	8:00a	39.3	2:00a	22.4	0.0	0.80	0.6	22.0	5:00p	S

	32.8	61.9	24	6.9	21	903.0	0.0	2.84	1.2	34.0	3	N

Max >= 90.0: 0

Max <= 32.0: 6

Min <= 32.0: 25

Min <= 0.0: 0

Max Rain: 0.80 ON 02/28/21

Days of Rain: 15 (>.01 in) 10 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for MAR. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	42.3	48.6	3:00p	34.7	12:00m	22.7	0.0	0.20	2.9	38.0	6:30p	N
2	32.5	43.7	5:00p	25.8	7:30a	32.5	0.0	0.00	1.6	25.0	1:30a	N
3	40.8	58.8	4:30p	21.4	7:00a	24.2	0.0	0.00	0.3	13.0	2:00p	N
4	39.7	48.9	1:00p	28.9	12:00m	25.3	0.0	0.00	4.7	28.0	2:30p	N
5	30.9	38.4	4:00p	23.3	7:00a	34.1	0.0	0.00	3.2	28.0	3:30p	N
6	33.2	42.2	2:00p	24.0	5:00a	31.8	0.0	0.00	2.2	26.0	11:00a	N
7	31.6	45.0	4:30p	16.7	7:00a	33.4	0.0	0.00	1.0	16.0	11:30a	N
8	35.4	53.5	4:00p	16.5	7:00a	29.6	0.0	0.00	0.4	13.0	10:00a	N
9	51.6	69.1	4:00p	36.0	12:30a	13.9	0.4	0.00	1.0	17.0	12:30p	S
10	52.4	68.4	4:00p	30.3	7:30a	13.0	0.4	0.00	1.0	17.0	4:00p	S
11	60.5	77.6	3:00p	42.8	4:30a	8.0	3.5	0.00	2.5	23.0	7:00p	S
12	58.0	69.5	4:00p	51.8	11:00p	7.4	0.4	0.00	0.9	21.0	5:30p	N
13	47.8	59.1	5:00p	38.0	7:00a	17.2	0.0	0.00	1.6	21.0	4:30a	N
14	46.8	59.8	3:00p	30.0	8:00a	17.5	0.0	0.00	4.9	40.0	4:30p	N
15	36.0	43.7	4:30p	26.7	8:00a	29.0	0.0	0.00	1.8	25.0	5:00a	N
16	40.3	43.3	5:30p	38.4	5:30a	24.7	0.0	0.04	2.4	22.0	10:30a	S
17	42.4	46.5	12:00m	38.9	2:30a	22.6	0.0	0.00	0.1	9.0	2:00p	S
18	46.9	50.9	5:00p	42.8	12:00m	18.1	0.0	0.75	0.8	17.0	12:00m	S
19	40.2	48.7	6:00p	28.6	12:00m	24.8	0.0	0.00	3.8	31.0	11:30a	N
20	37.7	56.6	5:30p	21.6	7:30a	27.3	0.0	0.00	0.0	9.0	3:00p	NNE
21	42.9	62.5	6:00p	23.4	8:00a	22.1	0.0	0.00	0.4	13.0	2:00p	S
22	46.9	64.3	5:00p	27.6	7:00a	18.1	0.0	0.00	0.3	16.0	1:00p	S
23	50.5	65.9	3:30p	31.6	8:00a	14.5	0.0	0.00	0.5	18.0	11:00p	S
24	55.4	58.7	6:30p	52.1	8:00a	9.6	0.0	0.12	0.1	16.0	3:30a	S
25	58.6	64.5	2:30p	54.1	6:30a	6.4	0.0	0.01	1.5	20.0	5:00p	S
26	65.1	75.8	12:30p	50.3	11:00p	2.6	2.8	0.01	2.6	31.0	12:00p	S
27	56.6	69.0	4:30p	37.8	8:00a	9.4	0.9	0.00	0.8	16.0	6:00p	S
28	56.6	67.7	4:00p	46.2	12:00m	8.5	0.1	0.45	2.7	41.0	10:00p	S
29	46.1	56.5	6:00p	36.6	12:00m	18.9	0.0	0.00	1.7	28.0	10:30a	N
30	54.4	68.7	5:00p	35.0	2:30a	11.1	0.5	0.00	4.6	29.0	12:00p	S
31	56.3	62.1	10:00a	47.7	12:00m	8.7	0.0	0.50	1.1	22.0	11:00p	S

	46.3	77.6	11	16.5	8	587.0	9.0	2.08	1.7	41.0	28	N

Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 15
 Min <= 0.0: 0
 Max Rain: 0.75 ON 03/18/21
 Days of Rain: 6 (>.01 in) 5 (>.1 in) 0 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for APR. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	39.5	47.7	12:30a	30.0	12:00m	25.5	0.0	0.18	4.3	29.0	5:00p	N
2	34.5	43.1	4:30p	26.9	7:30a	30.5	0.0	0.00	4.7	27.0	3:30p	N
3	38.7	55.3	6:00p	21.8	8:00a	26.3	0.0	0.00	0.4	14.0	1:00p	N
4	55.5	69.9	5:00p	37.8	12:30a	10.3	0.8	0.00	2.4	23.0	5:00p	N
5	55.4	73.5	6:30p	33.3	7:30a	10.8	1.3	0.00	0.6	18.0	12:00p	N
6	60.5	76.1	6:00p	46.8	7:00a	6.8	2.3	0.00	0.1	10.0	2:00p	S
7	62.7	79.3	2:30p	44.8	7:00a	6.4	4.1	0.02	0.1	15.0	10:30p	S
8	62.5	71.1	4:30p	53.9	8:00a	3.7	1.3	0.00	3.7	26.0	4:00p	S
9	53.6	58.6	12:30a	50.1	5:30a	11.4	0.0	0.41	0.4	16.0	1:00a	S
10	58.7	65.3	5:30p	54.2	4:30a	6.4	0.0	0.04	0.8	14.0	2:00p	S
11	63.8	74.6	6:30p	58.4	11:30p	3.3	2.1	0.57	0.3	18.0	8:30p	S
12	56.3	63.5	1:30p	50.0	6:30a	8.7	0.0	0.01	0.1	12.0	2:00p	S
13	55.8	68.1	7:00p	48.4	7:00a	9.5	0.3	0.01	0.0	10.0	12:30p	N
14	53.5	58.2	2:30p	47.2	4:30a	11.5	0.0	0.01	0.1	8.0	3:30p	S
15	50.7	58.5	1:30p	42.0	11:30p	14.3	0.0	0.02	1.5	24.0	3:30p	N
16	47.5	55.5	5:00p	37.1	3:30a	17.5	0.0	0.00	0.7	19.0	3:00p	N
17	48.8	55.9	4:00p	42.0	7:00a	16.2	0.0	0.00	1.4	18.0	4:30p	N
18	48.3	61.1	3:30p	32.7	7:00a	16.7	0.0	0.00	0.3	13.0	5:00p	S
19	52.6	66.2	5:30p	40.8	6:00a	12.4	0.0	0.00	0.0	10.0	3:30p	S
20	60.0	73.5	4:30p	43.3	1:30a	7.3	2.3	0.00	3.0	22.0	6:30p	S
21	49.6	62.8	12:30a	36.1	12:00m	15.4	0.0	0.00	4.2	32.0	1:30p	N
22	41.2	49.5	5:30p	33.1	5:00a	23.8	0.0	0.00	1.6	26.0	12:30p	N
23	48.3	63.7	4:00p	29.2	7:00a	16.7	0.0	0.00	0.5	16.0	4:00p	S
24	49.6	61.8	1:30p	32.8	7:00a	15.4	0.0	0.34	0.5	18.0	7:30p	S
25	54.1	62.8	6:00p	46.8	5:00a	10.9	0.0	0.21	2.1	22.0	4:00p	N
26	51.7	68.0	5:30p	39.1	6:30a	13.5	0.2	0.00	1.4	21.0	1:00p	N
27	63.0	88.2	6:00p	43.4	7:00a	7.7	5.8	0.00	0.6	14.0	2:00p	S
28	73.9	85.7	5:30p	61.1	7:00a	0.4	9.3	0.00	0.2	12.0	2:30p	S
29	68.2	74.5	5:00p	62.2	7:00a	0.2	3.4	0.20	0.1	16.0	10:00p	S
30	58.3	67.0	2:30p	47.4	12:00m	6.8	0.1	0.02	4.3	44.0	4:00p	N
	53.9	88.2	27	21.8	3	366.3	33.3	2.04	1.3	44.0	30	N

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 4

Min <= 0.0: 0

Max Rain: 0.57 ON 04/11/21

Days of Rain: 10 (>.01 in) 6 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for MAY. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	54.0	68.5	7:00p	42.1	5:00a	11.3	0.3	0.00	1.6	27.0	1:30a	N
2	68.0	85.6	3:30p	51.2	2:00a	4.1	7.1	0.00	0.9	17.0	3:00p	S
3	65.1	74.4	3:30p	59.4	8:00a	1.5	1.6	1.27	0.8	18.0	3:30p	S
4	70.3	81.3	3:30p	62.0	7:30a	0.4	5.7	0.03	0.6	22.0	5:30p	S
5	62.3	72.0	1:00p	52.2	11:00p	3.6	0.8	0.37	2.6	26.0	5:30p	N
6	53.7	62.9	6:30p	45.0	6:00a	11.3	0.0	0.00	1.3	21.0	3:30a	N
7	48.4	56.9	3:00p	41.3	4:30a	16.6	0.0	0.07	0.5	21.0	7:00p	N
8	46.3	56.9	5:00p	36.8	3:30a	18.7	0.0	0.21	1.6	31.0	4:30p	N
9	50.9	64.5	6:30p	38.6	1:30a	14.1	0.0	0.01	1.0	20.0	2:00p	S
10	53.4	62.9	6:00p	46.9	7:30a	11.6	0.0	0.01	3.0	23.0	12:00p	N
11	53.4	62.0	2:30p	41.4	7:00a	11.6	0.0	0.00	1.4	22.0	2:30p	N
12	52.3	65.9	5:30p	41.1	4:00a	12.8	0.0	0.00	1.0	19.0	12:00p	N
13	53.7	68.6	3:30p	37.8	7:00a	11.7	0.4	0.00	0.4	15.0	12:30p	N
14	56.0	70.9	6:00p	39.7	6:30a	10.2	1.2	0.00	0.0	9.0	1:00p	S
15	58.9	76.2	7:00p	43.3	6:00a	8.9	2.8	0.00	0.0	11.0	3:00p	N
16	54.1	66.1	12:00p	46.1	3:30a	11.0	0.0	0.00	0.1	11.0	12:30p	N
17	56.9	72.8	5:30p	41.0	6:30a	9.6	1.5	0.00	0.0	8.0	3:00p	S
18	63.4	79.2	5:30p	47.0	7:00a	5.8	4.2	0.00	0.1	11.0	1:00p	S
19	67.3	84.7	5:00p	49.9	6:30a	4.6	6.9	0.00	0.0	11.0	1:00p	S
20	70.1	86.9	5:00p	51.1	7:00a	3.5	8.7	0.00	0.5	17.0	7:00p	S
21	70.3	83.5	5:00p	58.2	6:30a	1.4	6.7	0.00	0.1	11.0	5:00p	S
22	71.6	85.7	4:00p	56.7	6:00a	2.0	8.6	0.00	0.5	18.0	4:30p	N
23	77.1	88.8	5:30p	61.8	6:00a	0.4	12.4	0.00	1.6	22.0	2:30p	N
24	62.2	74.8	12:30a	55.8	12:00m	4.1	1.3	0.70	0.1	15.0	3:00p	S
25	65.4	78.6	6:30p	55.1	4:00a	3.9	4.3	0.00	0.6	13.0	5:30p	S
26	73.8	89.1	2:30p	64.8	6:00a	0.0	8.8	0.22	0.6	17.0	7:30p	S
27	72.5	82.3	4:30p	61.7	7:00a	0.2	7.7	0.01	0.6	17.0	1:00p	N
28	63.7	70.6	1:00p	56.8	12:00m	2.6	1.2	0.50	0.3	20.0	2:30p	S
29	51.0	56.8	12:30a	49.4	11:30p	14.0	0.0	0.12	0.0	11.0	11:30a	N
30	50.6	54.7	3:00p	47.3	6:30a	14.4	0.0	0.00	0.9	16.0	3:30p	N
31	59.6	73.4	5:30p	45.4	6:30a	7.3	2.0	0.00	0.7	19.0	12:30p	N
	60.5	89.1	26	36.8	8	233.2	94.2	3.52	0.8	31.0	8	N

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 1.27 ON 05/03/21

Days of Rain: 9 (>.01 in) 7 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JUN. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	64.9	76.8	3:00p	49.7	6:00a	4.6	4.5	0.00	0.3	10.0	11:30a	S
2	70.3	78.9	4:00p	64.0	6:00a	0.1	5.4	0.00	1.1	19.0	9:30p	S
3	70.0	79.7	3:00p	64.6	11:00p	0.0	5.1	0.10	0.2	12.0	12:30a	S
4	71.4	83.6	5:30p	61.6	6:30a	0.7	7.1	0.01	0.6	17.0	6:00p	N
5	76.5	89.3	4:00p	63.5	3:00a	0.1	11.6	0.00	0.2	14.0	11:00a	S
6	78.1	91.6	5:30p	64.1	6:30a	0.0	13.1	0.00	0.0	9.0	4:00p	S
7	79.2	88.6	5:00p	69.3	4:30a	0.0	14.2	0.00	0.3	15.0	3:00p	S
8	79.4	89.4	6:30p	70.6	6:30a	0.0	14.4	0.07	0.0	11.0	3:00p	N
9	74.9	82.3	4:30p	68.5	6:00a	0.0	9.9	1.11	0.0	19.0	9:30p	N
10	72.8	83.6	3:00p	65.7	6:00a	0.0	7.8	0.19	0.2	14.0	2:00p	S
11	64.4	69.0	12:30a	61.6	12:00m	1.0	0.5	0.41	0.0	5.0	8:30a	N
12	66.4	74.3	4:00p	60.0	5:30a	1.7	3.1	0.01	0.0	8.0	4:30p	N
13	68.8	74.9	5:30p	61.5	5:30a	0.6	4.3	0.70	0.1	14.0	12:30p	S
14	73.4	86.0	5:30p	65.4	12:00m	0.0	8.4	0.04	0.4	19.0	7:30p	N
15	68.3	76.5	2:30p	60.4	7:00a	0.7	4.0	0.00	1.9	19.0	12:30p	N
16	65.9	77.0	5:00p	52.8	6:30a	2.8	3.7	0.00	1.1	17.0	12:00p	N
17	64.0	79.0	6:00p	48.1	6:30a	4.9	4.0	0.00	0.5	15.0	1:00p	N
18	69.1	82.9	3:30p	51.1	6:30a	3.7	7.8	0.00	0.7	13.0	12:30p	S
19	75.7	83.9	1:00p	67.1	12:00m	0.0	10.7	0.02	0.1	14.0	11:00a	N
20	77.5	89.0	3:30p	64.3	6:30a	0.0	12.6	0.01	0.5	14.0	4:30p	S
21	76.2	91.1	4:00p	68.4	6:00a	0.0	11.2	0.60	0.8	31.0	4:30p	S
22	64.9	70.1	12:30a	56.4	12:00m	1.3	1.2	0.30	1.3	21.0	5:00p	N
23	61.6	76.0	6:30p	46.6	6:30a	6.2	2.8	0.00	0.1	13.0	2:00p	N
24	65.6	77.6	4:00p	50.3	6:30a	4.1	4.7	0.00	0.8	18.0	1:30p	S
25	70.1	79.5	6:00p	56.0	6:30a	1.3	6.4	0.00	1.0	16.0	4:30p	S
26	76.6	84.6	4:30p	67.7	6:30a	0.0	11.6	0.00	1.1	17.0	7:30p	S
27	78.4	89.4	4:30p	69.2	6:30a	0.0	13.4	0.00	0.4	14.0	4:00p	S
28	81.2	91.7	5:00p	69.7	5:30a	0.0	16.2	0.00	0.2	12.0	6:00p	S
29	82.2	92.7	4:30p	71.7	4:00a	0.0	17.2	0.00	0.6	15.0	6:00p	S
30	80.0	94.0	4:00p	69.9	12:00m	0.0	15.0	0.11	0.3	19.0	6:30p	N
	72.3	94.0	30	46.6	23	33.8	251.9	3.68	0.5	31.0	21	S

Max >= 90.0: 5

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 1.11 ON 06/09/21

Days of Rain: 11 (>.01 in) 7 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JUL. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	72.9	82.1	3:00p	67.9	6:00a	0.0	5.3	0.55	0.1	15.0	3:00p	N
2												
3												
4												
5												
6												
7												
8	72.3	83.8	3:30p	69.6	10:00p	0.0	2.7	0.09	1.7	36.0	4:30p	S
9	75.9	86.5	6:30p	66.3	4:30a	0.0	10.9	0.00	0.3	11.0	5:30p	S
10	71.9	81.3	5:00p	62.6	6:00a	0.2	7.1	0.00	0.1	11.0	4:00a	N
11	77.3	88.7	4:00p	67.1	5:00a	0.0	12.3	0.06	1.4	21.0	1:00p	S
12	75.8	90.9	2:30p	68.2	6:00a	0.0	10.8	1.19	0.1	18.0	3:30p	S
13	79.7	92.1	5:30p	69.6	6:00a	0.0	14.7	0.05	0.6	23.0	5:30p	S
14	78.8	88.2	5:00p	68.7	5:30a	0.0	13.8	0.00	0.0	8.0	5:00p	S
15	77.9	88.9	5:30p	68.3	6:30a	0.0	12.9	0.00	0.0	10.0	12:30p	S
16	80.0	91.0	5:30p	69.4	6:30a	0.0	15.0	0.00	0.1	10.0	2:00p	S
17	75.6	89.5	3:30p	68.1	6:00a	0.0	10.6	0.98	0.4	25.0	7:00p	S
18	71.3	78.9	6:30p	65.8	7:00a	0.0	6.3	0.00	0.6	17.0	12:00p	N
19	73.2	86.9	6:30p	60.3	6:30a	0.8	9.0	0.00	0.0	7.0	10:30a	S
20	74.7	87.4	4:30p	63.0	6:00a	0.2	9.9	0.00	0.0	7.0	4:00p	S
21	74.6	85.1	5:30p	64.9	6:30a	0.0	9.6	0.00	0.6	15.0	6:00p	N
22	68.8	80.4	5:00p	56.6	6:30a	1.7	5.5	0.00	0.2	12.0	1:00p	N
23	67.9	81.9	5:30p	56.1	6:00a	2.6	5.6	0.00	0.0	7.0	5:30p	S
24	72.7	82.8	3:30p	60.1	7:00a	0.8	8.5	0.00	0.3	14.0	1:00p	S
25	79.5	89.6	3:00p	69.9	6:30a	0.0	14.5	0.00	0.1	9.0	1:00a	S
26	77.0	89.2	3:30p	68.4	6:00a	0.0	11.5	0.26	0.0	20.0	4:30p	N
27	76.7	91.4	6:30p	65.2	6:00a	0.0	11.7	0.00	0.0	8.0	2:30p	N
28	75.0	88.2	4:00p	63.0	7:00a	0.2	10.2	0.04	0.0	6.0	1:00p	S
29	74.6	83.2	3:00p	65.9	7:00a	0.0	9.6	0.04	0.1	12.0	2:00p	S
30	76.4	85.4	3:00p	65.9	12:00m	0.0	11.4	0.00	1.9	22.0	2:30p	N
31	68.7	80.3	4:30p	57.7	5:30a	1.6	5.3	0.00	0.1	17.0	1:00p	S
	74.8	92.1	13	56.1	23	8.1	244.7	3.26	0.3	36.0	8	S

Max >= 90.0: 4
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0
 Max Rain: 1.19 ON 07/12/21
 Days of Rain: 9 (>.01 in) 4 (>.1 in) 1 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for AUG. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	70.5	81.1	5:30p	63.2	12:00m	0.2	5.7	0.01	0.2	19.0	8:00p	S
2	67.9	80.9	5:30p	57.9	5:00a	1.9	4.8	0.00	1.1	17.0	1:00p	N
3	67.5	79.7	3:30p	55.6	5:30a	2.9	5.4	0.00	0.3	13.0	6:30p	S
4	70.5	82.7	4:30p	60.0	7:00a	0.9	6.4	0.00	0.0	10.0	1:30p	S
5	69.5	85.5	3:30p	55.4	6:30a	2.5	6.9	0.00	0.0	12.0	6:00p	S
6	75.1	89.6	3:30p	59.3	6:00a	1.2	11.2	0.00	0.7	13.0	10:00p	S
7	73.4	81.2	12:30p	66.8	12:00m	0.0	8.4	0.00	0.2	12.0	1:30p	S
8	73.6	89.7	5:00p	60.2	7:00a	1.1	9.7	0.00	0.1	11.0	10:00p	S
9	77.6	91.5	5:00p	64.1	6:30a	0.0	12.6	0.00	0.1	10.0	8:30p	S
10	78.7	93.8	4:00p	71.0	10:30p	0.0	13.7	0.07	0.3	18.0	5:30p	S
11	75.2	94.5	2:30p	67.0	7:00a	0.0	10.2	0.20	0.5	22.0	3:30p	S
12	81.4	96.1	4:00p	67.2	6:00a	0.0	16.4	0.00	0.7	13.0	2:00p	S
13	77.1	93.5	2:00p	68.0	6:30a	0.0	12.1	0.08	0.0	14.0	2:30p	S
14	75.5	87.5	4:30p	68.7	6:00a	0.0	10.3	0.06	0.1	16.0	5:30p	N
15	73.1	78.0	4:00p	65.5	7:00a	0.0	8.1	0.00	0.0	7.0	2:30p	S
16	72.1	80.0	5:30p	66.5	5:00a	0.0	7.1	0.18	0.3	14.0	7:30p	S
17	76.0	83.3	6:00p	70.2	6:30a	0.0	11.0	0.00	0.3	11.0	8:00p	S
18	77.9	85.6	4:30p	71.3	5:00a	0.0	12.9	0.30	2.1	27.0	1:00p	S
19	78.7	87.1	4:30p	71.8	7:30a	0.0	13.7	0.01	0.3	14.0	9:30a	N
20	73.4	82.9	2:00p	66.2	12:00m	0.0	8.4	0.59	0.1	16.0	5:30p	S
21	73.6	87.9	4:30p	63.5	6:30a	0.1	8.7	0.00	0.0	1.0	7:30p	WSW
22	72.6	81.0	3:30p	65.9	7:00a	0.0	7.6	0.00	0.0	1.0	10:00a	NNE
23	78.7	91.4	5:30p	67.7	7:30a	0.0	13.7	0.00	0.3	15.0	11:30a	N
24	77.9	90.3	6:30p	66.7	7:00a	0.0	12.9	0.00	0.0	9.0	5:00p	N
25	75.4	91.3	3:00p	65.5	7:00a	0.0	10.4	0.00	0.0	15.0	5:00p	S
26	78.0	91.6	4:30p	66.3	7:00a	0.0	13.0	0.00	0.0	5.0	6:00p	S
27	77.7	89.0	2:30p	68.6	7:00a	0.0	12.7	0.26	0.0	14.0	2:30p	N
28	75.6	89.5	3:00p	69.9	5:30a	0.0	10.6	0.16	0.1	17.0	3:30p	S
29	74.1	79.4	3:30p	70.0	7:00a	0.0	9.1	0.01	0.0	9.0	2:30p	S
30	76.4	88.9	4:30p	69.2	5:00a	0.0	11.4	0.08	0.1	17.0	7:00p	N
31	72.9	78.0	2:30p	67.8	5:00a	0.0	7.9	0.01	0.0	0.0	---	---
	74.8	96.1	12	55.4	5	10.8	313.0	2.02	0.3	27.0	18	S

Max >= 90.0: 9

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.59 ON 08/20/21

Days of Rain: 10 (>.01 in) 6 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for SEP. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	67.2	72.0	12:30a	63.4	6:00p	0.2	2.4	3.41	1.4	23.0	6:00p	N
2	65.3	77.3	4:00p	52.4	7:30a	3.3	3.6	0.00	2.0	21.0	1:00p	N
3	61.4	76.0	5:00p	47.9	7:30a	6.3	2.8	0.00	0.1	10.0	1:30p	N
4	65.6	78.5	4:00p	55.0	6:00a	3.5	4.1	0.00	0.3	14.0	1:30p	S
5	68.1	72.1	4:30p	62.2	12:30a	0.1	3.3	0.11	0.0	8.0	2:00p	S
6	71.3	82.7	3:30p	61.2	12:00m	0.4	6.7	0.01	0.2	14.0	3:30p	N
7	69.5	84.8	4:30p	55.7	7:00a	2.5	7.0	0.00	0.2	10.0	5:00p	S
8	71.6	85.8	2:30p	59.9	7:30a	1.3	7.9	0.21	0.5	17.0	9:30p	S
9	67.8	77.0	4:30p	59.4	10:30p	0.7	3.4	0.46	0.0	8.0	3:30p	N
10	63.9	74.3	3:30p	55.3	7:30a	3.6	2.5	0.00	1.4	17.0	12:30p	N
11	63.8	77.5	5:00p	52.0	4:00a	4.8	3.7	0.01	0.5	14.0	2:30p	S
12	72.5	86.3	4:30p	59.3	12:30a	1.0	8.5	0.00	0.6	14.0	12:30p	S
13	74.2	84.6	6:30p	65.8	7:30a	0.0	9.2	0.00	0.0	13.0	2:00p	S
14	73.3	85.0	4:30p	62.8	7:30a	0.2	8.5	0.00	0.0	0.0	---	---
15	75.1	86.6	3:30p	67.1	8:00p	0.0	10.1	1.46	0.9	16.0	5:00p	S
16	72.0	81.1	4:30p	66.8	6:00a	0.0	7.0	0.09	0.0	11.0	9:00p	S
17	73.7	81.4	4:30p	69.4	10:30p	0.0	8.7	0.00	0.0	11.0	3:00p	S
18	73.3	86.3	5:00p	66.7	4:30a	0.0	8.3	0.00	0.0	13.0	1:30p	N
19	68.6	80.8	5:30p	59.2	12:00m	1.0	4.6	0.00	0.0	8.0	10:30a	N
20	66.8	76.4	2:30p	56.9	6:00a	1.9	3.7	0.01	0.6	18.0	1:30p	S
21	67.8	76.2	3:30p	58.5	5:30a	1.5	4.3	0.00	0.1	10.0	9:00a	S
22	71.4	76.0	4:00p	68.1	1:00a	0.0	6.4	0.58	1.7	25.0	7:00p	S
23	61.2	72.2	12:30a	48.1	12:00m	4.8	0.9	1.14	0.3	19.0	12:30a	N
24	57.4	73.3	6:00p	45.4	7:30a	9.2	1.6	0.00	0.0	13.0	12:30p	N
25	59.5	74.3	4:00p	45.9	7:30a	7.6	2.0	0.00	0.0	7.0	2:30p	S
26	62.2	73.6	4:00p	49.6	7:30a	4.9	2.1	0.00	0.5	18.0	2:00p	N
27	65.4	79.7	4:30p	53.6	6:00a	3.9	4.2	0.00	1.1	17.0	4:30p	S
28	66.8	76.0	4:00p	57.9	1:00a	1.4	3.1	0.02	0.0	13.0	2:30p	N
29	59.9	70.5	5:30p	49.7	12:00m	5.9	0.8	0.00	0.2	11.0	1:00p	N
30	56.2	71.0	4:30p	43.5	7:30a	9.9	1.1	0.01	0.1	11.0	1:30p	N

	67.1	86.6	15	43.5	30	79.9	142.5	7.52	0.4	25.0	22	S

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 3.41 ON 09/01/21

Days of Rain: 9 (>.01 in) 7 (>.1 in) 3 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for OCT. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" W

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

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		DOM	
	TEMP	HIGH				DEG	DEG		WIND	DIR		
1	54.6	71.3	6:30p	42.6	7:30a	11.3	0.8	0.00	0.0	8.0	2:00p	S
2	57.8	77.3	4:30p	43.4	7:30a	9.5	2.3	0.01	0.0	8.0	3:30p	S
3	66.8	83.6	4:00p	52.6	12:30a	4.2	6.0	0.00	0.3	12.0	3:00p	S
4	70.4	79.2	5:30p	65.2	4:30a	0.0	5.4	0.07	0.0	10.0	1:00p	N
5	67.4	76.3	6:00p	60.2	6:00a	1.0	3.4	0.01	0.0	7.0	3:30p	N
6	67.5	68.8	12:30p	66.5	12:30a	0.0	2.5	0.00	0.0	0.0	---	---
7	67.1	72.6	2:30p	63.5	12:00m	0.2	2.3	0.00	0.1	8.0	7:00a	S
8	65.0	73.1	3:00p	57.1	8:00a	2.4	2.4	0.00	0.1	9.0	1:00p	S
9	65.9	72.4	2:00p	61.1	2:00a	0.8	1.7	0.00	0.2	17.0	12:30p	S
10	64.7	68.1	2:00p	62.2	3:30a	1.0	0.7	0.02	0.0	5.0	1:30p	N
11	64.4	67.9	5:30p	61.9	9:30a	1.1	0.6	0.02	0.0	7.0	11:30a	N
12	62.9	66.2	1:00p	58.5	8:30p	2.3	0.2	0.00	0.0	0.0	---	---
13	63.5	75.1	6:00p	56.5	5:30a	3.1	1.6	0.00	0.0	0.0	---	---
14	65.6	78.4	4:30p	58.8	2:00a	2.4	3.0	0.02	0.0	8.0	2:00p	N
15	69.2	81.8	3:00p	59.8	4:00a	1.4	5.7	0.00	0.1	12.0	3:30p	S
16	63.8	72.1	11:30a	52.7	12:00m	2.6	1.3	0.20	0.7	21.0	6:00p	N
17	53.3	61.2	2:00p	44.3	6:00a	11.7	0.0	0.00	1.4	26.0	12:30p	N
18	53.2	64.7	3:00p	41.7	4:00a	11.8	0.0	0.00	1.9	25.0	4:30p	N
19	54.2	72.2	4:30p	37.3	8:00a	12.1	1.3	0.00	0.3	19.0	2:00p	N
20	58.7	74.7	5:00p	45.7	8:00a	8.5	2.2	0.00	0.2	14.0	1:30p	N
21	60.9	75.8	4:00p	43.8	8:00a	7.1	2.9	0.00	1.9	18.0	2:30p	S
22	60.4	67.0	12:30a	54.4	8:00a	4.7	0.0	0.00	1.2	16.0	11:00a	N
23	54.9	61.6	3:00p	45.1	12:00m	10.1	0.0	0.15	0.2	15.0	3:30p	N
24	56.6	66.9	4:00p	44.7	12:30a	8.6	0.1	0.00	1.4	15.0	2:30p	S
25	63.8	75.7	4:00p	55.9	8:00a	3.5	2.3	0.25	0.4	14.0	1:30p	S
26	55.0	60.9	12:30a	48.9	10:00p	10.0	0.0	0.01	3.6	31.0	1:00p	N
27	55.8	68.1	4:00p	47.5	12:00m	9.4	0.2	0.00	2.5	22.0	12:00p	N
28	53.9	64.3	4:00p	41.5	8:00a	11.1	0.0	0.00	0.5	17.0	4:00p	S
29	54.5	58.1	12:30a	52.9	10:30p	10.5	0.0	1.04	0.3	18.0	3:00a	S
30	54.2	59.6	4:00p	50.3	12:00m	10.8	0.0	0.00	0.0	8.0	2:00p	S
31	54.6	61.6	12:30p	48.6	1:00a	10.4	0.0	0.01	0.4	16.0	1:30p	N

	60.7	83.6	3	37.3	19	183.6	48.9	1.81	0.6	31.0	26	S

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 1.04 ON 10/29/21

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for NOV. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	51.5	59.1	3:30p	39.4	12:00m	13.5	0.0	0.00	1.1	22.0	7:30a	N
2	42.5	47.0	6:00p	35.5	12:00m	22.5	0.0	0.08	0.0	7.0	6:30a	NNE
3	38.3	49.9	4:30p	28.4	8:00a	26.7	0.0	0.01	0.6	22.0	12:30p	N
4	35.6	50.0	3:30p	26.5	8:00a	29.4	0.0	0.00	0.0	6.0	3:00p	NE
5	36.3	52.1	4:00p	25.5	8:00a	28.7	0.0	0.00	0.1	9.0	1:30p	N
6	36.2	53.7	4:00p	23.6	7:30a	28.8	0.0	0.01	0.0	10.0	3:30p	S
7	38.5	58.6	4:00p	24.7	7:30a	26.5	0.0	0.00	0.1	14.0	3:00p	N
8	46.3	72.6	4:30p	29.4	5:30a	19.1	0.4	0.00	0.2	11.0	2:00p	N
9	52.2	73.2	3:30p	36.0	5:30a	13.9	1.1	0.00	0.0	8.0	3:30p	S
10	56.7	68.7	3:30p	45.1	11:30p	8.7	0.4	0.00	0.4	14.0	10:30a	N
11	56.7	66.2	3:30p	43.4	2:30a	8.3	0.0	0.01	1.8	23.0	10:30p	S
12	56.2	63.1	3:30p	44.6	7:30p	8.8	0.0	0.79	0.6	24.0	7:00a	N
13	43.7	48.1	9:30a	34.4	11:00p	21.3	0.0	0.05	0.5	25.0	12:30p	N
14	41.5	46.4	1:00p	32.1	1:30a	23.5	0.0	0.00	0.9	16.0	2:00p	S
15	41.8	46.5	12:00p	37.7	12:00m	23.2	0.0	0.00	0.8	24.0	3:00p	N
16	41.0	50.3	3:00p	33.9	12:00m	24.0	0.0	0.00	0.0	8.0	11:30a	N
17	45.0	59.5	4:30p	32.3	6:00a	20.0	0.0	0.00	0.3	17.0	4:00p	S
18	52.3	73.7	1:30p	36.6	6:00a	13.9	1.2	0.01	2.3	32.0	5:00p	S
19	38.7	43.4	12:30a	29.6	11:30p	26.3	0.0	0.00	2.2	28.0	12:30p	N
20	35.0	43.9	2:30p	23.4	7:30a	30.0	0.0	0.00	0.3	12.0	1:00p	S
21	40.7	48.6	12:00p	31.2	8:00a	24.3	0.0	0.04	0.1	8.0	11:00a	S
22	40.5	47.8	1:30p	30.9	12:00m	24.5	0.0	0.01	0.9	19.0	11:30a	N
23	32.8	41.7	3:00p	24.2	12:00m	32.2	0.0	0.00	0.7	20.0	11:30a	N
24	32.4	46.8	3:00p	20.2	5:30a	32.6	0.0	0.00	0.1	9.0	2:00p	S
25	44.7	61.1	3:30p	27.9	7:00a	20.3	0.0	0.00	0.2	10.0	9:00p	S
26	39.8	51.0	2:00a	33.2	12:00m	25.2	0.0	0.00	2.6	38.0	11:00a	N
27	35.9	41.6	3:00p	32.1	3:30a	29.1	0.0	0.00	0.9	24.0	4:30a	N
28	40.6	51.6	2:30p	30.1	7:30a	24.4	0.0	0.00	0.8	20.0	9:00p	N
29	35.4	42.5	1:30p	27.3	11:00p	29.6	0.0	0.00	0.8	23.0	2:30p	N
30	36.4	50.5	3:30p	28.1	12:30a	28.6	0.0	0.00	0.2	9.0	12:30p	S
	42.2	73.7	18	20.2	24	687.9	3.1	1.01	0.6	38.0	26	N

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 16

Min <= 0.0: 0

Max Rain: 0.79 ON 11/12/21

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2021

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" 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	41.4	52.8	3:00p	27.7	4:30a	23.6	0.0	0.01	0.0	8.0	8:30p	S
2	55.1	65.9	2:00p	44.6	3:30a	10.0	0.0	0.00	1.8	21.0	8:00p	S
3	46.1	53.5	12:30a	37.2	7:00a	18.9	0.0	0.00	0.6	21.0	2:30a	N
4	46.0	56.2	3:00p	34.8	12:00m	19.0	0.0	0.00	0.0	8.0	1:30p	NNE
5	40.8	48.2	3:00p	27.4	7:30a	24.2	0.0	0.00	0.8	13.0	11:00a	S
6	49.3	63.5	5:30p	35.4	12:00m	15.7	0.0	0.01	1.5	32.0	6:00p	S
7	33.1	38.8	3:30p	27.4	8:30a	31.9	0.0	0.00	0.1	16.0	1:30a	N
8	35.6	40.5	3:30p	30.4	1:30a	29.4	0.0	0.00	0.7	25.0	8:00p	N
9	33.9	40.7	2:30p	22.2	7:00a	31.1	0.0	0.00	0.3	15.0	11:30p	S
10	43.6	49.8	3:00p	37.9	12:30a	21.4	0.0	0.00	0.1	12.0	12:30a	S
11	53.9	66.2	4:30p	42.3	12:00m	11.2	0.1	0.04	4.2	31.0	11:00p	S
12	39.6	49.1	3:00p	27.7	11:30p	25.4	0.0	0.00	0.9	30.0	4:00a	N
13	35.8	53.2	3:30p	22.1	8:00a	29.2	0.0	0.00	0.0	2.0	11:00a	S
14	38.2	58.0	3:30p	25.2	7:30a	26.8	0.0	0.00	0.0	5.0	3:00p	NNE
15	42.5	52.9	2:00p	26.9	7:30a	22.5	0.0	0.00	0.8	16.0	1:30p	S
16	52.5	64.8	3:00p	38.6	7:30a	12.5	0.0	0.00	0.7	13.0	10:30a	S
17	52.7	60.9	4:00a	46.7	6:30p	12.3	0.0	0.00	0.9	17.0	6:30a	N
18	44.4	49.2	8:00p	39.6	4:30a	20.6	0.0	0.24	0.2	15.0	11:00p	S
19	38.0	48.3	2:00a	25.8	11:30p	27.0	0.0	0.00	2.4	24.0	11:00a	N
20	28.4	40.3	3:30p	18.6	7:30a	36.6	0.0	0.00	0.0	6.0	2:30p	S
21	31.2	37.7	10:30p	23.1	8:00a	33.8	0.0	0.00	0.0	0.0	---	---
22	34.6	44.0	11:30a	26.6	5:30a	30.4	0.0	0.00	1.6	27.0	1:30p	N
23	31.3	38.8	11:30p	19.1	8:00a	33.7	0.0	0.00	0.3	15.0	10:30p	S
24	42.9	52.3	1:00p	29.1	8:00a	22.1	0.0	0.00	0.4	15.0	9:30p	S
25	51.6	63.1	6:00p	41.6	4:00a	13.4	0.0	0.05	0.1	10.0	6:00p	S
26	47.8	57.3	3:00p	32.8	11:30p	17.2	0.0	0.00	0.8	14.0	1:00p	N
27	36.2	39.5	8:30p	29.9	3:30a	28.9	0.0	0.08	0.8	19.0	4:30p	S
28	40.8	50.3	10:00p	29.7	6:30a	24.2	0.0	0.03	0.4	14.0	10:00p	S
29	47.5	56.7	4:00p	39.7	6:00a	17.5	0.0	0.08	0.1	10.0	12:30a	N
30	50.0	54.0	12:30p	47.0	1:30a	15.0	0.0	0.21	0.1	8.0	1:00p	S
31	51.7	56.7	4:00p	47.9	2:00a	13.3	0.0	0.02	0.5	12.0	3:00p	S
	42.5	66.2	11	18.6	20	698.8	0.1	0.77	0.7	32.0	6	S

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 17

Min <= 0.0: 0

Max Rain: 0.24 ON 12/18/21

Days of Rain: 8 (>.01 in) 2 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

ANNUAL CLIMATOLOGICAL SUMMARY

NAME: WMREC CITY: STATE:
 ELEV: 0 ft LAT: 39° 30' 37" N LONG: 77° 43' 59" W

TEMPERATURE (°F), HEAT BASE 65.0, COOL BASE 65.0

YR	MO	MEAN MAX	MEAN MIN	MEAN	DEP. FROM NORM	HEAT DEG DAYS	COOL DEG DAYS	HI	DATE	LOW	DATE	MAX >=90	MAX <=32	MIN <=32	MIN <=0
21	1	40.6	26.3	33.4	0.0	981	0	52.6	2	17.4	21	0	3	25	0
21	2	39.1	25.9	32.8	0.0	903	0	61.9	24	6.9	21	0	6	25	0
21	3	57.7	34.2	46.3	0.0	587	9	77.6	11	16.5	8	0	0	15	0
21	4	65.3	42.4	53.9	0.0	366	33	88.2	27	21.8	3	0	0	4	0
21	5	72.8	49.3	60.5	0.0	233	94	89.1	26	36.8	8	0	0	0	0
21	6	82.8	62.0	72.3	0.0	34	252	94.0	30	46.6	23	5	0	0	0
21	7	86.1	65.1	74.8	0.0	8	245	92.1	13	56.1	23	4	0	0	0
21	8	86.5	65.7	74.8	0.0	11	313	96.1	12	55.4	5	9	0	0	0
21	9	78.3	57.3	67.1	0.0	80	143	86.6	15	43.5	30	0	0	0	0
21	10	70.2	52.4	60.7	0.0	184	49	83.6	3	37.3	19	0	0	0	0
21	11	53.6	31.6	42.2	0.0	688	3	73.7	18	20.2	24	0	0	16	0
21	12	51.7	32.4	42.5	0.0	699	0	66.2	11	18.6	20	0	0	17	0
		65.2	45.2	54.9	0.0	4773	1141	96.1	AUG	6.9	FEB	18	9	102	0

PRECIPITATION (in)

YR	MO	TOTAL	DEP. FROM NORM	MAX OBS. DAY	DAYS OF RAIN OVER			
					DATE	.01	.1	1
21	1	1.54	0.00	1.04	1	8	2	1
21	2	2.84	0.00	0.80	28	15	10	0
21	3	2.08	0.00	0.75	18	6	5	0
21	4	2.04	0.00	0.57	11	10	6	0
21	5	3.52	0.00	1.27	3	9	7	1
21	6	3.68	0.00	1.11	9	11	7	1
21	7	3.26	0.00	1.19	12	9	4	1
21	8	2.02	0.00	0.59	20	10	6	0
21	9	7.52	0.00	3.41	1	9	7	3
21	10	1.81	0.00	1.04	29	8	4	1
21	11	1.01	0.00	0.79	12	4	1	0
21	12	0.77	0.00	0.24	18	8	2	0
		32.09	0.00	3.41	SEP	107	61	8

WIND SPEED (mph)

YR	MO	AVG.	HI	DATE	DOM
					DIR
21	1	1.3	35.0	28	N
21	2	1.2	34.0	3	N
21	3	1.7	41.0	28	N
21	4	1.3	44.0	30	N
21	5	0.8	31.0	8	N
21	6	0.5	31.0	21	S
21	7	0.3	36.0	8	S
21	8	0.3	27.0	18	S
21	9	0.4	25.0	22	S
21	10	0.6	31.0	26	S
21	11	0.7	38.0	26	N
21	12	0.7	32.0	6	S
		0.8	44.0	APR	N