

MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2022

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	SPEED		HIGH
1	54.4	57.2	4:30p	50.3	12:30a	10.6	0.0	0.75	0.2	25.0	7:30p	N
2	51.6	59.3	12:30p	38.2	12:00m	13.4	0.0	0.10	1.3	23.0	5:00p	N
3	32.2	38.2	12:30a	26.4	11:30p	32.8	0.0	0.00	1.3	23.0	2:00p	N
4	28.3	36.7	2:00p	19.1	7:00a	36.7	0.0	0.00	1.0	17.0	9:30p	S
5	32.5	42.1	2:30p	27.3	1:00a	32.5	0.0	0.00	0.3	17.0	3:00a	S
6	35.4	45.0	3:00a	29.8	11:00p	29.6	0.0	0.00	0.3	16.0	2:30a	N
7	24.5	29.8	12:30a	20.8	11:00p	40.5	0.0	0.00	0.9	24.0	4:30p	N
8	23.4	31.8	3:30p	12.9	7:30a	41.6	0.0	0.02	0.0	9.0	10:00p	S
9	32.0	42.2	10:00p	26.9	12:30a	33.0	0.0	0.12	0.8	30.0	12:00m	S
10	28.5	37.7	12:30a	23.2	12:00m	36.5	0.0	0.00	2.2	29.0	1:30a	N
11	20.7	25.3	5:00p	15.7	8:00a	44.3	0.0	0.00	0.5	22.0	2:30a	N
12	29.6	40.8	4:00p	18.9	3:00a	35.4	0.0	0.00	0.1	14.0	11:00a	S
13	34.9	46.7	2:30p	24.4	7:30a	30.1	0.0	0.00	0.0	5.0	4:30p	S
14	34.0	41.4	11:00a	26.6	2:30a	31.0	0.0	0.00	1.8	24.0	2:30p	N
15	21.5	28.8	12:30a	14.0	12:00m	43.5	0.0	0.00	0.1	14.0	2:30a	N
16	18.1	39.1	12:00m	7.8	7:00a	46.9	0.0	0.34	0.0	8.0	8:00p	N
17	32.1	38.6	2:00a	29.3	6:00a	32.9	0.0	0.21	0.4	21.0	12:00m	N
18	31.3	36.7	3:30p	20.4	11:00p	33.7	0.0	0.09	0.5	28.0	1:00a	N
19	34.4	43.7	2:30p	20.6	12:30a	30.6	0.0	0.07	0.4	12.0	12:30p	S
20	30.9	37.6	6:30a	20.7	12:00m	34.1	0.0	0.16	2.1	23.0	10:30a	N
21	17.0	22.5	3:30p	11.6	12:00m	48.0	0.0	0.00	0.2	13.0	9:30a	N
22	15.6	26.8	4:30p	3.3	7:00a	49.4	0.0	0.00	0.0	1.0	9:30a	S
23	27.6	35.0	10:30p	18.1	1:00a	37.4	0.0	0.00	0.4	11.0	1:30p	S
24	32.7	37.6	8:00p	25.8	8:00a	32.3	0.0	0.00	0.8	14.0	2:00p	N
25	32.2	40.3	11:00a	22.7	11:00p	32.8	0.0	0.00	1.1	19.0	5:00p	N
26	20.8	28.4	3:30p	12.6	12:00m	44.2	0.0	0.00	0.3	14.0	11:00a	N
27	21.9	33.7	4:00p	7.2	6:30a	43.1	0.0	0.00	0.5	14.0	12:00p	S
28	30.8	35.2	12:00p	27.9	4:30a	34.2	0.0	0.04	0.0	9.0	12:00m	NNW
29	21.2	28.8	12:30a	17.1	12:00m	43.8	0.0	0.00	3.4	26.0	2:00p	N
30	20.5	28.1	4:00p	9.5	7:30a	44.5	0.0	0.00	0.0	8.0	12:30a	N
31	25.7	33.2	4:00p	17.6	5:30a	39.3	0.0	0.00	0.0	8.0	11:00a	S
	28.9	59.3	2	3.3	22	1118.7	0.0	1.90	0.7	30.0	9	N

Max >= 90.0: 0

Max <= 32.0: 9

Min <= 32.0: 29

Min <= 0.0: 0

Max Rain: 0.75 ON 01/01/22

Days of Rain: 10 (>.01 in) 5 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for FEB. 2022

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	29.4	39.7	4:00p	16.5	7:00a	35.6	0.0	0.00	0.5	12.0	1:30p	S
2	37.3	44.4	4:30p	29.2	7:30a	27.7	0.0	0.00	1.4	20.0	10:30a	S
3	44.7	56.4	12:00m	38.5	2:30a	20.3	0.0	0.75	1.0	21.0	12:00m	S
4	38.1	56.5	12:30a	29.9	12:00m	26.9	0.0	0.20	2.4	20.0	12:30a	N
5	25.5	29.9	12:30a	17.3	12:00m	39.5	0.0	0.00	2.0	26.0	6:00a	N
6	25.0	34.9	3:00p	14.7	5:30a	40.0	0.0	0.00	0.6	14.0	10:30a	S
7	29.9	40.1	4:00p	18.1	7:00a	35.1	0.0	0.00	0.0	7.0	1:30p	SSE
8	30.2	40.9	4:00p	21.2	6:00a	34.8	0.0	0.00	0.5	17.0	10:30a	N
9	38.7	54.8	4:30p	21.0	5:00a	26.3	0.0	0.00	0.6	18.0	3:30p	S
10	43.4	54.6	3:30p	28.0	12:00m	21.6	0.0	0.00	0.3	18.0	12:30p	N
11	46.3	64.5	4:30p	25.8	4:00a	18.7	0.0	0.00	2.1	23.0	4:30p	S
12	47.0	53.7	1:30a	37.8	12:00m	18.0	0.0	0.00	0.4	17.0	3:00p	N
13	30.5	37.8	12:30a	27.4	11:30p	34.5	0.0	0.01	0.6	13.0	12:00p	N
14	23.3	28.9	3:30p	18.2	12:00m	41.7	0.0	0.00	0.6	21.0	12:00p	N
15	25.3	37.1	4:00p	11.2	7:30a	39.7	0.0	0.00	0.2	13.0	12:00m	S
16	40.5	51.8	4:00p	27.4	7:00a	24.5	0.0	0.00	4.2	27.0	11:30a	S
17	54.7	63.8	12:00m	41.4	2:00a	10.3	0.0	0.25	4.0	29.0	2:00p	S
18	40.0	64.5	1:30a	21.7	11:30p	25.0	0.0	0.12	5.7	35.0	4:30a	N
19	28.0	41.3	1:00p	20.2	3:30a	37.0	0.0	0.00	2.2	37.0	1:30p	N
20	29.0	42.0	4:30p	12.6	7:00a	36.0	0.0	0.00	1.3	22.0	2:30p	S
21	46.7	64.8	3:00p	26.1	7:30a	18.3	0.0	0.00	0.9	19.0	4:00p	S
22	55.9	63.3	7:30p	41.9	7:00a	9.1	0.0	0.07	4.8	30.0	5:30p	S
23	56.0	69.3	1:00p	35.4	12:00m	9.5	0.4	0.00	1.8	31.0	3:00p	N
24	33.1	35.4	12:30a	31.7	10:00p	31.9	0.0	0.21	0.1	12.0	4:00a	N
25	37.8	50.7	1:30p	31.8	12:30a	27.2	0.0	0.26	2.1	33.0	3:30p	N
26	33.9	43.1	5:00p	28.3	8:00a	31.1	0.0	0.00	0.5	14.0	1:00a	N
27	39.9	52.5	3:00p	25.4	3:00a	25.1	0.0	0.00	0.3	19.0	2:30p	N
28	39.1	47.0	4:30p	33.5	7:30a	25.9	0.0	0.00	0.5	13.0	1:30p	N

	37.5	69.3	23	11.2	15	771.3	0.4	1.87	1.5	37.0	19	S

Max >= 90.0: 0
 Max <= 32.0: 2
 Min <= 32.0: 22
 Min <= 0.0: 0

Max Rain: 0.75 ON 02/03/22

Days of Rain: 7 (>.01 in) 6 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for MAR. 2022

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	42.8	56.2	3:30p	32.5	3:30a	22.2	0.0	0.00	1.5	19.0	2:30p	S
2	45.0	60.2	4:30p	29.5	7:30a	20.0	0.0	0.00	0.4	14.0	12:00p	N
3	42.0	55.4	4:00a	28.1	12:00m	23.0	0.0	0.00	2.3	25.0	4:30a	N
4	31.1	44.4	4:00p	16.7	7:00a	33.9	0.0	0.00	0.1	14.0	12:00p	S
5	46.3	60.0	4:30p	33.8	7:00a	18.7	0.0	0.00	2.1	26.0	9:30p	S
6	60.8	73.8	1:00p	43.5	4:00a	5.8	1.6	0.00	1.0	18.0	1:00p	S
7	61.5	71.9	12:30p	45.6	12:00m	5.0	1.5	0.24	4.1	34.0	10:30p	S
8	41.9	48.3	5:00p	36.8	10:00p	23.1	0.0	0.00	1.9	26.0	1:00a	N
9	39.0	42.7	1:00a	33.9	12:00m	26.0	0.0	0.32	0.3	9.0	12:30p	N
10	39.2	49.1	4:30p	27.5	7:00a	25.8	0.0	0.01	0.0	8.0	1:30p	S
11	47.4	61.7	4:30p	31.7	4:30a	17.6	0.0	0.00	1.8	24.0	5:00p	S
12	29.4	49.2	12:30a	19.9	10:00p	35.6	0.0	0.00	2.1	32.0	4:30p	N
13	26.3	37.5	6:30p	17.0	7:00a	37.1	0.0	0.03	1.6	22.0	3:00p	S
14	42.7	60.7	5:00p	23.4	2:00a	22.3	0.0	0.01	0.8	14.0	2:30p	S
15	52.2	71.1	4:30p	36.1	7:30a	13.5	0.7	0.00	0.1	16.0	4:00p	S
16	54.4	71.0	4:00p	34.1	8:00a	11.6	1.0	0.00	0.6	18.0	4:30p	S
17	55.7	64.8	6:30p	48.6	11:30p	9.3	0.0	0.04	0.3	11.0	12:30a	N
18	59.9	72.7	3:30p	40.5	8:00a	7.3	2.2	0.01	1.5	22.0	10:30p	S
19	63.2	73.3	5:00p	53.4	7:30a	3.4	1.7	0.00	2.7	29.0	3:30p	S
20	50.2	56.8	1:00a	42.3	10:00p	14.8	0.0	0.00	1.4	27.0	1:30p	N
21	53.2	68.6	5:30p	37.8	8:30a	12.2	0.4	0.00	0.7	26.0	3:30p	N
22	48.9	62.3	4:00p	36.3	8:00a	16.1	0.0	0.00	0.1	9.0	1:30p	N
23	46.5	50.4	10:00a	37.7	4:00a	18.5	0.0	0.14	0.8	24.0	10:30a	S
24	49.8	58.9	3:00p	43.0	7:30a	15.3	0.0	0.04	0.3	13.0	3:00a	N
25	47.8	55.4	5:30p	36.6	8:00a	17.2	0.0	0.01	0.4	17.0	3:00p	N
26	43.0	49.6	2:00p	37.5	4:30p	22.0	0.0	0.02	0.5	38.0	4:30p	N
27	35.1	39.2	1:30p	28.9	12:00m	29.9	0.0	0.00	1.6	28.0	3:30p	N
28	28.2	33.4	3:00p	24.6	12:00m	36.8	0.0	0.00	4.4	34.0	7:00p	N
29	31.1	44.9	6:00p	18.8	7:30a	33.9	0.0	0.00	1.4	25.0	12:30a	N
30	43.2	60.2	5:00p	25.6	4:30a	21.8	0.0	0.01	1.8	28.0	10:00p	S
31	62.2	75.1	2:30p	53.4	2:00a	4.2	1.5	0.30	6.2	50.0	3:00p	S
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	45.8	75.1	31	16.7	4	603.9	10.6	1.18	1.4	50.0	31	S

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 12

Min <= 0.0: 0

Max Rain: 0.32 ON 03/09/22

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. 2022

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	46.8	58.6	1:00a	41.0	10:00p	18.2	0.0	0.01	1.2	33.0	2:00p	N
2	45.0	55.4	6:00p	32.3	7:00a	20.0	0.0	0.00	0.5	20.0	1:30a	S
3	46.6	53.1	1:30p	42.1	12:00m	18.4	0.0	0.00	2.5	29.0	2:00p	N
4	42.9	51.3	5:30p	28.3	7:30a	22.1	0.0	0.00	0.0	6.0	2:30a	N
5	49.2	54.1	3:30p	42.7	7:00a	15.8	0.0	0.29	0.0	10.0	8:00p	S
6	53.8	59.8	6:30p	48.7	7:30a	11.2	0.0	0.30	0.8	24.0	11:00p	N
7	50.1	54.8	12:30a	46.3	12:00m	14.9	0.0	0.89	1.1	23.0	2:30a	S
8	47.1	59.0	4:00p	35.1	6:00a	17.9	0.0	0.05	0.8	28.0	5:00p	S
9	45.6	53.2	5:30p	38.2	12:00m	19.4	0.0	0.02	0.7	19.0	7:30p	N
10	42.4	50.8	6:30p	35.4	12:00m	22.6	0.0	0.00	1.4	25.0	2:00p	N
11	48.8	65.6	5:30p	29.2	6:30a	16.2	0.0	0.02	1.0	20.0	5:30p	S
12	62.2	76.2	6:00p	51.4	5:00a	5.0	2.2	0.00	0.4	20.0	9:30a	N
13	67.4	83.8	5:30p	48.9	7:00a	4.8	7.2	0.00	1.8	23.0	5:30p	S
14	65.5	77.7	12:30p	43.3	12:00m	3.2	3.7	0.00	2.2	31.0	3:00p	S
15	55.3	70.7	4:30p	34.0	7:00a	10.6	0.9	0.00	3.0	27.0	3:30p	S
16	63.1	74.0	2:30p	53.4	11:30p	4.0	2.1	0.00	1.7	24.0	7:30p	S
17	46.3	54.4	12:30a	37.2	11:00p	18.7	0.0	0.00	1.4	21.0	8:30a	N
18	36.5	41.3	9:30a	33.0	3:30p	28.5	0.0	0.06	0.1	15.0	10:00a	S
19	40.8	47.2	4:00p	34.4	3:00a	24.2	0.0	0.04	0.4	25.0	12:30p	N
20	45.2	58.7	5:30p	29.2	7:00a	19.8	0.0	0.60	0.1	11.0	11:00a	S
21	52.9	58.7	12:00p	45.9	6:30a	12.1	0.0	0.04	1.1	20.0	8:00a	S
22	57.3	72.1	4:00p	40.5	7:00a	9.1	1.5	0.00	0.5	17.0	1:30p	N
23	63.0	76.7	6:00p	48.7	6:00a	4.6	2.6	0.00	0.6	16.0	10:00a	S
24	64.5	81.7	6:00p	46.7	7:00a	5.5	5.0	0.00	0.6	24.0	10:00p	S
25	59.8	70.4	5:30p	51.6	7:00a	5.7	0.5	0.00	0.9	19.0	6:30p	S
26	57.4	62.0	12:00p	52.5	12:00m	7.6	0.0	0.02	0.2	18.0	11:30p	N
27	48.4	55.1	3:00p	40.0	12:00m	16.6	0.0	0.01	3.2	31.0	3:00p	N
28	45.4	57.8	5:00p	35.1	6:00a	19.6	0.0	0.00	2.3	21.0	2:00a	N
29	48.0	65.8	6:00p	30.2	6:30a	17.1	0.0	0.00	0.3	13.0	3:00p	N
30	50.4	67.3	5:30p	32.5	6:30a	14.7	0.1	0.00	0.0	8.0	4:30p	NNE

	51.6	83.8	13	28.3	4	428.1	25.8	2.35	1.0	33.0	1	N

Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 4
 Min <= 0.0: 0

Max Rain: 0.89 ON 04/07/22

Days of Rain: 11 (>.01 in) 4 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for MAY. 2022

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	54.8	59.8	6:00p	45.2	1:00a	10.2	0.0	0.04	0.6	13.0	6:30a	S
2	61.3	77.9	5:00p	46.5	6:30a	6.9	3.2	0.02	0.1	14.0	2:30p	S
3	58.6	67.9	6:30p	46.9	5:00a	6.8	0.4	0.01	0.5	22.0	10:00p	S
4	65.5	76.4	4:00p	59.0	7:30a	2.2	2.8	0.00	1.3	20.0	4:30p	N
5	61.8	67.2	6:00p	57.5	7:00a	3.4	0.3	0.00	0.3	13.0	9:00a	N
6	57.6	59.8	4:00p	52.1	12:00m	7.4	0.0	0.00	0.5	12.0	1:30p	S
7	49.0	52.1	12:30a	44.0	12:00m	16.0	0.0	0.00	0.9	21.0	11:30a	N
8	49.6	61.3	6:00p	41.9	12:00m	15.4	0.0	0.00	0.4	16.0	4:30a	N
9	53.0	72.4	6:30p	34.2	6:30a	13.2	1.2	0.00	0.3	17.0	12:00p	N
10	58.5	75.1	5:30p	43.6	6:00a	8.7	2.2	0.00	0.3	15.0	11:30a	N
11	61.2	77.7	4:00p	42.0	7:00a	7.3	3.5	0.02	0.2	15.0	2:00p	N
12	64.7	76.9	5:00p	49.6	6:00a	4.1	3.8	0.00	0.1	13.0	12:30p	S
13	68.0	74.2	3:00p	63.0	2:30a	0.3	3.3	0.00	0.3	15.0	4:00p	S
14	69.8	76.7	3:00p	65.1	12:00m	0.0	4.8	0.00	0.7	15.0	3:00p	S
15	67.4	82.5	4:00p	58.7	6:00a	1.2	3.6	0.00	0.2	23.0	4:00p	S
16	68.5	79.0	3:30p	57.9	11:00p	0.7	4.2	0.00	0.9	26.0	4:30p	S
17	66.6	79.3	3:30p	52.2	7:30a	3.2	4.8	0.00	1.6	24.0	6:00p	N
18	60.7	70.2	2:30p	47.2	7:00a	5.3	1.0	0.00	0.1	12.0	2:30p	S
19	67.0	80.9	5:00p	57.1	2:00a	2.9	4.9	0.00	0.2	16.0	2:00p	N
20	70.0	83.4	6:00p	57.4	4:00a	1.8	6.8	0.00	0.1	16.0	1:30p	S
21	79.2	90.9	4:30p	65.8	6:00a	0.0	14.2	0.00	1.3	17.0	2:00p	S
22	77.5	91.0	4:30p	66.5	5:30a	0.0	12.5	0.00	1.0	23.0	6:30p	N
23	62.6	69.9	2:30p	57.4	6:30a	3.1	0.7	0.00	0.8	18.0	1:00a	N
24	58.6	61.0	11:00a	55.8	1:30a	6.4	0.0	0.00	0.1	14.0	10:30a	S
25	62.7	69.7	3:00p	54.4	4:30a	3.5	1.2	0.00	0.5	16.0	5:00p	S
26	64.1	71.0	6:00p	54.4	5:00a	2.6	1.7	0.00	1.8	23.0	5:30p	S
27	68.9	75.0	5:30p	63.9	12:00m	0.1	4.0	0.00	0.7	31.0	11:30a	S
28	67.0	75.1	5:30p	58.9	6:00a	1.3	3.3	0.00	0.3	17.0	12:00p	N
29	68.4	80.3	5:00p	55.7	6:30a	2.4	5.8	0.00	0.1	12.0	4:30p	S
30	74.8	88.5	4:00p	61.4	6:30a	0.8	10.6	0.00	0.0	11.0	11:30a	S
31	77.5	91.4	4:00p	65.0	5:30a	0.0	12.5	0.00	0.1	17.0	4:30p	NNE
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	64.4	91.4	31	34.2	9	137.2	117.3	0.09	0.5	31.0	27	S

Max >= 90.0: 3

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.04 ON 05/01/22

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JUN. 2022

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	78.7	90.5	5:30p	66.0	6:30a	0.0	13.7	0.00	0.1	13.0	12:00p	S
2	73.8	82.4	2:30p	68.3	4:00a	0.0	8.8	0.00	0.2	20.0	4:00p	N
3	69.5	78.0	6:00p	59.4	12:00m	0.6	5.1	0.00	1.3	17.0	12:30p	N
4	67.9	82.5	5:30p	53.6	6:30a	3.4	6.4	0.00	0.5	15.0	3:00p	N
5	65.6	78.4	6:00p	50.5	5:30a	4.0	4.6	0.00	0.0	12.0	1:30p	S
6	69.2	80.5	4:00p	54.5	6:00a	2.5	6.7	0.00	2.1	23.0	5:00p	S
7	68.4	73.8	11:00a	61.3	6:00a	0.5	3.9	0.00	2.3	24.0	11:00a	S
8	72.8	83.6	4:30p	65.7	6:30a	0.0	7.8	0.00	0.3	14.0	10:00p	N
9	70.7	75.0	4:30p	60.8	12:00m	0.2	5.9	0.00	2.8	23.0	2:30p	N
10	66.4	77.9	4:30p	53.0	6:30a	3.2	4.6	0.00	0.3	16.0	2:00p	N
11	63.4	70.4	6:00p	60.3	7:00a	2.4	0.9	0.00	0.0	6.0	3:30p	N
12	70.1	80.8	6:00p	61.1	12:30a	1.1	6.2	0.00	0.4	13.0	4:30p	S
13	77.9	89.6	6:00p	68.9	6:30a	0.0	12.9	0.00	0.1	16.0	12:30p	N
14	74.2	81.3	7:00p	68.4	12:00m	0.0	9.2	0.00	0.1	11.0	8:00a	N
15	76.4	84.8	2:30p	65.1	5:30a	0.0	11.4	0.00	0.1	14.0	12:00m	S
16	78.8	86.5	3:30p	74.6	6:30a	0.0	13.8	0.00	1.4	21.0	4:30p	S
17	81.6	91.3	3:00p	70.1	7:00a	0.0	16.6	0.00	1.8	30.0	4:00p	N
18	67.7	74.5	6:30p	61.3	4:30a	0.3	3.0	0.00	4.9	27.0	12:30p	N
19	65.2	76.3	5:30p	53.1	4:30a	3.2	3.3	0.00	2.5	23.0	3:00p	N
20	65.2	78.8	5:00p	49.3	6:30a	4.4	4.6	0.00	0.3	13.0	2:00p	N
21	70.4	83.1	6:30p	59.3	6:00a	0.8	6.2	0.00	0.1	11.0	5:30p	S
22	73.3	86.1	3:00p	64.9	3:00a	0.0	8.3	0.00	0.0	31.0	4:00p	S
23	68.8	74.4	5:30p	65.6	12:00m	0.0	3.8	0.00	0.0	10.0	4:30p	S
24	72.7	82.8	5:30p	63.4	2:30a	0.2	7.9	0.00	0.0	9.0	5:00p	S
25	76.2	86.9	5:00p	65.0	6:00a	0.0	11.2	0.00	0.1	9.0	1:30p	S
26	75.6	87.5	3:00p	69.4	7:00a	0.0	10.6	0.00	0.7	19.0	5:00p	S
27	73.5	81.7	6:00p	67.4	11:30p	0.0	8.5	0.00	0.5	18.0	5:30p	N
28	66.8	78.8	6:30p	51.7	6:30a	2.8	4.6	0.00	0.1	11.0	12:30a	N
29	71.5	85.4	4:30p	56.6	6:00a	2.1	8.6	0.00	0.2	13.0	2:00p	S
30	73.5	87.1	5:30p	58.2	6:00a	1.2	9.7	0.00	0.1	11.0	4:00p	S
	71.5	91.3	17	49.3	20	32.9	228.8	0.00	0.8	31.0	22	N

Max >= 90.0: 2

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.00 ON 06/01/22

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JUL. 2022

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	75.1	87.0	1:00p	65.9	5:30a	0.0	10.1	0.00	0.2	30.0	1:30p	S
2	75.9	87.5	3:00p	69.9	11:00p	0.0	10.9	0.00	0.3	22.0	7:30p	S
3	74.7	85.3	6:00p	64.5	12:00m	0.0	9.7	0.30	0.1	11.0	3:00p	N
4	71.5	86.2	6:00p	58.7	7:00a	1.3	7.8	0.07	0.0	7.0	1:00p	S
5	74.3	84.2	8:00p	63.2	2:00a	0.2	9.4	0.03	0.4	14.0	1:30p	S
6	78.2	88.7	3:30p	70.8	2:30a	0.0	13.2	0.02	0.0	14.0	4:00p	S
7	74.9	83.8	6:00p	69.2	6:30a	0.0	9.9	0.00	0.1	12.0	1:00a	N
8	76.9	84.5	3:00p	70.2	6:30a	0.0	11.9	0.00	0.0	10.0	11:00a	S
9	70.5	76.1	12:30a	68.1	12:00m	0.0	5.5	0.02	0.1	20.0	2:30a	S
10	71.6	81.9	5:00p	63.2	7:30a	0.1	6.8	0.00	0.0	10.0	3:30p	S
11	72.6	82.1	5:00p	62.3	3:30a	0.4	8.0	0.01	0.5	12.0	4:30p	S
12	73.0	87.6	3:30p	64.0	3:30a	0.1	8.0	0.01	1.3	23.0	4:00p	S
13	75.8	87.0	5:30p	64.6	6:30a	0.0	10.8	0.00	0.0	0.0	---	---
14	74.0	85.0	5:00p	63.2	7:00a	0.1	9.2	0.01	0.1	11.0	3:30p	N
15	72.4	86.2	5:30p	60.0	6:30a	0.8	8.1	0.01	0.0	3.0	3:30p	WSW
16	71.5	82.0	6:00p	62.9	4:00a	0.4	7.0	0.02	0.0	0.0	---	---
17	74.9	81.2	3:30p	67.5	5:00a	0.0	9.9	0.01	0.0	7.0	4:30p	SSE
18	75.8	85.7	2:00p	71.0	12:00m	0.0	10.8	0.01	0.0	9.0	3:30p	S
19	78.2	89.0	6:00p	70.3	5:30a	0.0	13.2	0.00	0.1	12.0	10:00a	N
20	79.6	88.8	4:30p	69.2	7:00a	0.0	14.6	0.01	0.1	12.0	6:30p	S
21	81.8	91.9	5:00p	71.7	12:00m	0.0	16.8	0.00	0.1	13.0	11:30a	N
22	79.7	92.9	5:30p	67.5	7:00a	0.0	14.7	0.01	0.0	11.0	12:30p	S
23	77.9	91.5	6:00p	69.2	5:30a	0.0	12.9	0.00	0.2	42.0	7:00p	S
24	77.9	91.1	4:30p	64.9	6:30a	0.0	12.9	0.01	0.1	11.0	3:30p	S
25	77.6	80.5	12:00p	74.8	4:30a	0.0	7.3	0.01	0.0	7.0	8:00a	S
26												
27												
28												
29												
30												
31												
	75.5	92.9	22	58.7	4	3.4	259.4	0.56	0.1	42.0	23	S

Max >= 90.0: 4

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.30 ON 07/03/22

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for AUG. 2022

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												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	66.1	80.1	4:30p	53.5	7:00a	3.7	4.8	0.00	0.0	1.0	10:00a	W
14	67.7	78.2	2:00p	57.7	7:00a	1.8	4.5	0.00	0.5	16.0	1:30p	S
15	65.5	69.2	2:00p	64.2	10:30p	0.2	0.7	0.01	0.0	6.0	10:00a	S
16	69.1	81.0	5:00p	60.6	12:00m	0.9	4.9	0.01	0.0	5.0	5:00p	SSE
17	66.4	82.4	4:00p	56.6	6:00a	2.7	4.1	0.00	0.0	17.0	7:00p	N
18	68.1	83.3	7:00p	55.9	7:00a	2.5	5.6	0.00	0.0	0.0	---	---
19	71.8	84.3	4:00p	59.4	7:30a	1.3	8.1	0.00	0.0	7.0	4:30p	S
20	75.2	85.3	4:30p	65.4	6:30a	0.0	10.2	0.01	0.1	17.0	11:30a	S
21	73.8	80.1	4:00p	69.4	5:30a	0.0	8.8	0.01	0.9	21.0	1:30p	S
22	73.7	83.1	4:00p	67.9	7:30a	0.0	8.7	0.00	0.0	10.0	4:30p	N
23	72.4	83.9	6:00p	63.6	6:30a	0.1	7.6	0.00	0.2	13.0	11:00a	N
24	71.8	85.9	5:00p	61.0	5:30a	0.9	7.6	0.00	0.0	3.0	2:30p	N
25	73.4	86.6	3:30p	60.4	6:30a	0.8	9.3	0.00	0.0	3.0	3:30p	S
26	76.2	87.7	3:30p	69.9	7:00a	0.0	11.2	0.00	0.0	10.0	1:00p	S
27	74.7	87.9	5:30p	64.3	7:00a	0.0	9.7	0.00	0.0	4.0	9:30a	N
28	75.4	88.1	3:30p	63.2	6:30a	0.1	10.5	0.00	0.1	12.0	1:00p	S
29	79.4	89.4	3:30p	70.2	2:30a	0.0	14.4	0.00	0.4	13.0	4:00p	S
30	74.9	89.4	2:00p	68.0	12:00m	0.0	9.9	0.08	0.2	20.0	3:00p	S
31	70.0	81.1	4:30p	60.4	12:00m	0.7	5.7	0.00	0.4	17.0	2:30p	N
	71.9	89.4	29	53.5	13	15.7	146.3	0.12	0.1	21.0	21	S

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.08 ON 08/30/22

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for SEP. 2022

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	70.2	86.1	5:30p	57.3	5:30a	2.2	7.4	0.00	0.1	14.0	1:30p	N
2	70.5	83.6	5:30p	59.2	5:00a	1.5	6.9	0.00	0.0	12.0	2:00p	S
3	74.6	84.9	5:30p	68.1	12:30a	0.0	9.6	0.00	0.1	10.0	2:30p	S
4	75.9	87.9	4:00p	65.8	7:30a	0.0	10.9	0.00	0.1	10.0	1:00p	S
5	72.9	76.9	4:00p	68.8	7:30a	0.0	7.9	0.00	0.0	5.0	2:00p	S
6	73.9	83.2	4:00p	69.2	7:00a	0.0	8.9	0.00	0.2	15.0	1:00p	N
7	69.3	73.2	12:00p	67.4	12:00m	0.0	4.3	0.00	0.0	9.0	12:30p	S
8	69.5	78.4	6:30p	62.7	12:00m	0.2	4.7	0.02	0.0	9.0	12:30p	N
9	67.9	80.5	4:00p	59.2	12:00m	1.8	4.6	0.00	0.0	9.0	3:30p	S
10	67.4	77.1	4:30p	56.8	6:30a	2.1	4.5	0.00	0.0	9.0	12:30p	S
11	70.6	75.7	5:00p	66.8	5:00a	0.0	5.6	0.02	0.0	14.0	10:00a	S
12	71.0	79.9	2:00p	67.4	3:00a	0.0	6.0	0.00	0.0	6.0	3:00p	S
13	69.6	77.8	5:00p	59.5	12:00m	0.2	4.8	0.00	0.1	11.0	9:30p	N
14	64.5	77.3	5:30p	53.7	6:30a	4.0	3.4	0.00	0.7	16.0	12:00p	N
15	65.3	78.1	5:00p	55.4	12:00m	3.7	4.0	0.00	0.4	13.0	12:30p	N
16	63.0	78.0	4:30p	50.2	7:00a	5.3	3.3	0.00	0.0	7.0	3:30p	NNE
17	65.8	79.0	4:00p	56.4	6:00a	3.1	4.0	0.00	0.1	9.0	1:30p	S
18	68.9	83.6	4:00p	58.8	5:30a	1.8	5.7	0.00	0.0	8.0	1:00p	S
19	71.4	81.6	4:30p	63.8	12:30a	0.0	6.5	0.00	0.0	7.0	11:30a	S
20	69.4	80.8	4:00p	59.9	12:00m	1.1	5.5	0.00	0.6	17.0	2:00p	N
21	68.4	83.6	5:00p	56.3	7:30a	2.5	5.9	0.00	0.1	12.0	3:30p	S
22	68.1	74.2	3:00p	55.9	12:00m	1.1	4.2	0.00	2.6	26.0	6:00p	N
23	56.2	66.0	5:00p	47.7	12:00m	8.8	0.1	0.00	2.0	21.0	10:00a	N
24	55.0	68.5	4:00p	42.4	7:00a	10.4	0.4	0.00	0.0	7.0	12:30p	S
25	60.2	70.9	6:30p	52.4	6:00a	5.4	0.6	0.00	0.2	23.0	1:00p	S
26	60.9	70.5	12:30p	52.1	7:30a	4.9	0.8	0.00	0.1	21.0	1:30p	S
27	57.5	67.4	4:00p	48.0	8:00a	7.6	0.1	0.00	0.3	19.0	12:30p	S
28	52.3	64.9	3:00p	41.2	7:30a	12.7	0.0	0.00	0.5	14.0	11:30a	N
29	54.3	66.8	4:30p	42.8	6:30a	10.8	0.1	0.00	0.6	16.0	2:30p	N
30	52.3	60.2	3:00p	43.8	7:30a	12.7	0.0	0.00	0.0	11.0	12:00m	N
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	65.9	87.9	4	41.2	28	103.9	130.7	0.04	0.3	26.0	22	N

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.02 ON 09/08/22

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for OCT. 2022

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	55.8	59.2	10:00p	50.8	1:30a	9.2	0.0	0.00	0.4	18.0	6:00a	N
2	55.3	57.6	12:30a	52.9	12:00m	9.7	0.0	0.00	0.1	12.0	1:30a	N
3	50.8	56.0	2:30p	47.8	10:30p	14.2	0.0	0.00	0.3	13.0	1:30p	N
4	49.2	53.5	3:00p	47.4	6:00a	15.8	0.0	0.00	0.8	21.0	3:00p	N
5	56.0	66.8	5:30p	48.2	12:30a	9.2	0.1	0.00	1.8	16.0	3:00p	N
6	58.3	74.9	4:30p	43.9	7:30a	8.5	1.8	0.00	0.5	12.0	1:00p	SSE
7	60.0	75.9	3:30p	48.3	3:30a	7.2	2.1	0.00	1.5	18.0	6:30p	NNW
8	47.5	56.1	5:30p	37.0	12:00m	17.5	0.0	0.00	2.0	17.0	10:30a	NNW
9	47.0	63.5	5:30p	34.2	3:30a	18.0	0.0	0.00	1.4	15.0	2:00p	SW
10	49.4	68.1	5:00p	35.2	6:30a	16.0	0.3	0.00	0.9	12.0	4:00p	SW
11	53.1	71.8	4:30p	39.3	7:30a	13.0	1.1	0.00	1.1	11.0	2:30p	SSE
12	57.4	71.2	4:00p	41.8	6:30a	8.6	1.0	0.00	3.0	17.0	4:00p	SE
13	61.6	71.0	3:30p	53.5	9:30p	3.9	0.5	0.23	4.5	26.0	11:00a	SSE
14	56.2	66.8	3:30p	47.2	8:30a	9.0	0.2	0.01	2.3	16.0	3:00p	SE
15	56.3	74.6	3:00p	41.4	5:30a	10.8	2.0	0.00	2.3	17.0	12:30p	SSE
16	56.2	71.0	4:30p	43.8	4:00a	9.6	0.7	0.00	0.8	10.0	2:00p	SE
17	56.2	63.5	12:30p	47.2	12:00m	8.8	0.0	0.00	2.8	21.0	7:30p	SSE
18	44.4	52.2	3:30p	35.6	8:00a	20.6	0.0	0.00	2.4	19.0	3:30p	NW
19	45.4	52.0	3:00p	38.6	12:30a	19.6	0.0	0.00	2.8	21.0	12:00p	SW
20	46.6	60.0	4:00p	35.2	7:30a	18.4	0.0	0.00	2.8	22.0	2:00p	SSE
21	47.5	64.4	4:30p	29.7	8:00a	17.5	0.0	0.00	1.6	14.0	3:00p	SSE
22	49.6	68.4	4:00p	32.9	8:00a	15.8	0.4	0.00	0.8	12.0	3:30p	SE
23	51.8	65.1	3:00p	36.8	7:30a	13.2	0.0	0.00	0.6	13.0	3:00p	NNW
24	60.1	68.8	3:30p	55.3	3:00a	5.4	0.5	0.00	1.1	11.0	11:00a	NNW
25	58.8	65.2	4:00p	54.7	12:30a	6.2	0.0	0.00	0.7	11.0	2:00p	ESE
26	59.1	66.7	4:00p	56.0	12:00m	5.9	0.1	0.06	2.6	16.0	9:00p	SE
27	54.7	63.8	5:00p	43.2	12:00m	10.3	0.0	0.00	5.3	21.0	8:00a	NNW
28	45.3	60.6	4:30p	31.9	8:00a	19.7	0.0	0.00	0.1	6.0	3:30a	NNW
29	45.6	63.8	5:30p	33.2	8:00a	19.4	0.0	0.00	0.0	0.0	---	---
30	45.0	60.4	3:30p	29.2	8:00a	20.0	0.0	0.00	0.0	0.0	---	---
31	53.0	58.4	12:00m	43.7	6:00a	12.0	0.0	0.44	0.0	0.0	---	---
	52.7	75.9	7	29.2	30	393.0	10.8	0.74	1.5	26.0	13	NNW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 3

Min <= 0.0: 0

Max Rain: 0.44 ON 10/31/22

Days of Rain: 3 (>.01 in) 2 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for NOV. 2022

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	61.2	71.2	2:30p	55.2	9:00a	4.7	0.9	0.07	0.0	8.0	3:30p	NNW
2	55.2	68.2	3:30p	45.0	8:30a	10.0	0.2	0.00	0.0	0.0	---	---
3	54.0	68.8	4:30p	41.1	8:00a	11.5	0.5	0.00	0.0	0.0	---	---
4	59.0	73.0	4:00p	43.0	8:00a	7.8	1.8	0.00	0.0	1.0	12:30p	S
5	69.6	77.8	4:00p	60.8	2:00a	0.4	5.0	0.01	5.8	27.0	3:30p	SSE
6	69.5	75.3	12:30p	65.8	12:00m	0.0	4.5	0.01	5.6	25.0	5:30a	SSE
7	66.6	75.3	2:30p	55.6	12:00m	1.2	2.8	0.01	3.8	22.0	2:30p	NW
8	48.0	58.5	3:00p	34.8	12:00m	17.0	0.0	0.00	2.9	18.0	3:00p	NNW
9	42.3	56.9	3:00p	27.6	7:00a	22.7	0.0	0.00	0.6	10.0	4:00p	SE
10	52.9	66.8	2:30p	34.7	7:30a	12.2	0.1	0.00	1.1	16.0	3:30p	SE
11	64.0	72.0	9:00p	55.7	3:30a	3.3	2.3	1.23	3.6	24.0	9:30p	SE
12	59.9	69.7	12:30a	45.1	12:00m	5.1	0.0	0.21	3.3	23.0	11:30p	NW
13	41.9	45.1	12:30a	38.1	11:30p	23.1	0.0	0.00	5.4	22.0	3:00a	NW
14	38.9	46.7	3:00p	28.8	12:00m	26.1	0.0	0.00	2.2	16.0	10:00a	NW
15	32.0	39.3	2:30p	25.3	7:00a	33.0	0.0	0.72	0.7	10.0	11:30p	NW
16	39.1	45.6	12:00p	34.2	8:00a	25.9	0.0	0.02	1.9	18.0	8:00p	W
17	36.3	39.5	2:00p	33.8	3:30a	28.7	0.0	0.02	3.8	23.0	3:30a	W
18	36.5	42.5	1:00p	30.4	7:00a	28.5	0.0	0.00	2.8	21.0	12:00p	SW
19	31.8	42.6	3:30p	22.0	7:00a	33.2	0.0	0.00	2.5	20.0	11:00a	S
20	29.6	36.8	12:30a	19.7	12:00m	35.4	0.0	0.00	5.4	30.0	5:30a	NW
21	30.4	45.8	2:30p	16.9	5:30a	34.6	0.0	0.00	2.5	17.0	11:30a	S
22	38.7	57.5	3:30p	23.1	7:30a	26.3	0.0	0.00	0.9	11.0	1:00p	S
23	38.4	58.6	3:00p	23.0	7:30a	26.6	0.0	0.00	0.4	13.0	1:00p	NW
24	40.5	58.6	3:30p	23.0	7:30a	24.5	0.0	0.00	1.5	16.0	1:30p	SE
25	46.5	57.0	2:30p	38.6	12:30a	18.5	0.0	0.07	2.3	26.0	2:00p	NW
26	43.5	60.9	4:00p	30.4	8:00a	21.5	0.0	0.00	0.6	11.0	12:00p	NW
27	45.1	56.2	12:00m	37.4	1:30a	19.9	0.0	0.16	1.7	18.0	4:00p	SE
28	48.3	57.4	2:00a	35.3	12:00m	16.7	0.0	0.01	3.7	25.0	7:30a	NW
29	42.9	50.5	2:00p	33.0	1:00a	22.1	0.0	0.00	3.4	20.0	12:00m	SE
30	46.8	55.8	2:00p	38.0	12:00m	18.2	0.0	0.25	7.7	28.0	12:30p	SE

	47.0	77.8	5	16.9	21	558.7	18.1	2.79	2.5	30.0	20	NW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 11

Min <= 0.0: 0

Max Rain: 1.23 ON 11/11/22

Days of Rain: 9 (>.01 in) 5 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2022

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	34.5	42.0	3:30p	24.6	12:00m	30.5	0.0	0.00	3.6	20.0	2:30a	NW
2	35.9	47.0	4:00p	19.1	7:30a	29.1	0.0	0.00	4.1	17.0	12:30p	SE
3	49.8	61.8	4:30p	39.8	12:00m	15.2	0.0	0.29	4.7	22.0	5:30p	ESE
4	34.4	43.6	4:30p	23.9	12:00m	30.6	0.0	0.00	1.4	14.0	9:00a	NW
5	33.9	48.3	3:00p	18.0	7:00a	31.1	0.0	0.00	3.1	22.0	12:30p	SE
6	43.5	47.5	9:30p	38.7	5:00a	21.5	0.0	0.13	2.9	12.0	5:00p	SE
7	47.8	53.0	3:30p	43.2	12:00m	17.3	0.0	0.05	0.5	9.0	3:00a	ESE
8	47.1	53.1	11:00a	41.3	5:00a	17.9	0.0	0.00	1.1	16.0	11:30a	NNW
9	37.5	48.3	4:00p	27.3	8:00a	27.5	0.0	0.00	0.2	10.0	1:30p	NNW
10	34.7	41.0	3:00p	24.3	3:30a	30.3	0.0	0.00	0.0	6.0	12:00m	ESE
11	40.1	44.2	3:30p	35.6	7:00p	24.9	0.0	0.00	1.6	16.0	10:30p	SE
12	39.4	43.2	12:30a	37.4	12:00m	25.6	0.0	0.00	3.6	18.0	3:30a	NW
13	31.6	39.7	3:00p	21.1	12:00m	33.4	0.0	0.00	0.6	12.0	1:30p	NNW
14	27.8	36.8	3:30p	17.6	4:30a	37.2	0.0	0.00	0.0	4.0	10:00a	WNW
15	34.1	36.6	4:30p	30.9	6:00a	30.9	0.0	1.37	0.9	13.0	8:00p	NNW
16	39.3	47.4	1:30p	33.0	12:00m	25.7	0.0	0.09	1.3	20.0	2:00p	NW
17	37.4	42.7	12:30p	31.2	3:30a	27.6	0.0	0.00	1.0	17.0	2:30p	SW
18	33.7	38.8	1:30p	28.2	12:00m	31.3	0.0	0.00	2.5	22.0	4:00p	WNW
19	31.8	39.0	2:00p	24.0	1:30a	33.2	0.0	0.00	2.9	20.0	4:30p	NW
20	29.7	37.8	3:30p	21.3	12:00m	35.3	0.0	0.00	1.0	13.0	4:30a	NW
21	28.5	45.0	4:00p	16.7	7:30a	36.5	0.0	0.00	0.2	11.0	11:30p	S
22	33.7	35.6	6:00p	31.0	8:00a	31.3	0.0	1.40	0.6	9.0	2:00p	NW
23	20.6	38.3	8:30a	4.7	12:00m	44.4	0.0	0.10	6.3	31.0	1:30p	W
24	9.7	17.6	12:00m	3.4	5:00a	55.3	0.0	0.00	3.8	23.0	12:00p	W
25	20.1	27.9	3:30p	12.9	12:00m	44.9	0.0	0.00	1.8	20.0	11:00a	W
26	23.0	30.8	4:00p	11.7	3:00a	42.0	0.0	0.00	0.6	12.0	1:00p	S
27	30.7	39.7	2:00p	24.7	8:30a	34.3	0.0	0.00	0.1	8.0	1:00p	SSE
28	34.4	50.0	3:00p	22.6	7:30a	30.6	0.0	0.00	0.8	11.0	1:00p	S
29	39.1	57.3	3:30p	21.6	8:00a	25.9	0.0	0.00	1.2	10.0	5:00p	ESE
30	48.6	65.9	2:30p	35.3	1:00a	16.4	0.0	0.00	1.0	15.0	3:30p	SE
31	46.8	53.0	12:00p	38.5	2:30a	18.2	0.0	0.34	0.3	11.0	7:00p	ESE
	34.8	65.9	30	3.4	24	935.9	0.0	3.77	1.7	31.0	23	NW

Max >= 90.0: 0

Max <= 32.0: 3

Min <= 32.0: 22

Min <= 0.0: 0

Max Rain: 1.40 ON 12/22/22

Days of Rain: 8 (>.01 in) 5 (>.1 in) 2 (>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
22	1	37.0	20.9	28.9	0.0	1119	0	59.3	2	3.3	22	0	9	29	0
22	2	48.7	26.2	37.5	0.0	771	0	69.3	23	11.2	15	0	2	22	0
22	3	57.4	34.0	45.8	0.0	604	11	75.1	31	16.7	4	0	0	12	0
22	4	62.2	40.3	51.6	0.0	428	26	83.8	13	28.3	4	0	0	4	0
22	5	74.7	54.2	64.4	0.0	137	117	91.4	31	34.2	9	3	0	0	0
22	6	81.7	61.6	71.5	0.0	33	229	91.3	17	49.3	20	2	0	0	0
22	7	85.9	66.7	75.5	0.0	3	259	92.9	22	58.7	4	4	0	0	0
22	8	83.5	62.7	71.9	0.0	16	146	89.4	29	53.5	13	0	0	0	0
22	9	76.6	57.0	65.9	0.0	104	131	87.9	4	41.2	28	0	0	0	0
22	10	64.2	42.4	52.7	0.0	393	11	75.9	7	29.2	30	0	0	3	0
22	11	57.7	36.5	47.0	0.0	559	18	77.8	5	16.9	21	0	0	11	0
22	12	43.6	25.9	34.8	0.0	936	0	65.9	30	3.4	24	0	3	22	0
		63.5	43.1	53.0	0.0	5103	948	92.9	JUL	3.3	JAN	9	14	103	0

PRECIPITATION (in)

YR	MO	TOTAL	DEP. FROM NORM	MAX OBS. DAY	DAYS OF RAIN OVER			
					DATE	.01	.1	1
22	1	1.90	0.00	0.75	1	10	5	0
22	2	1.87	0.00	0.75	3	7	6	0
22	3	1.18	0.00	0.32	9	8	4	0
22	4	2.35	0.00	0.89	7	11	4	0
22	5	0.09	0.00	0.04	1	3	0	0
22	6	0.00	0.00	0.00	1	0	0	0
22	7	0.56	0.00	0.30	3	6	1	0
22	8	0.12	0.00	0.08	30	1	0	0
22	9	0.04	0.00	0.02	8	2	0	0
22	10	0.74	0.00	0.44	31	3	2	0
22	11	2.79	0.00	1.23	11	9	5	1
22	12	3.77	0.00	1.40	22	8	5	2
		15.41	0.00	1.40	DEC	68	32	3

WIND SPEED (mph)

YR	MO	AVG.	HI	DATE	DOM
					DIR
22	1	0.7	30.0	9	N
22	2	1.5	37.0	19	S
22	3	1.4	50.0	31	S
22	4	1.0	33.0	1	N
22	5	0.5	31.0	27	S
22	6	0.8	31.0	22	N
22	7	0.1	42.0	23	S
22	8	0.1	21.0	21	S
22	9	0.3	26.0	22	N
22	10	1.5	26.0	13	NNW
22	11	2.5	30.0	20	NW
22	12	1.7	31.0	23	NW
		1.1	50.0	MAR	N