

MONTHLY CLIMATOLOGICAL SUMMARY FOR JANUARY 2022

NAME: CMREC Clarksville CITY: Ellicott City STATE: Maryland
 ELEV: 318 ft LAT: 39° 00' 00" N LONG: 76° 00' 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	54.0	57.5	12:30p	50.5	12:30a	11.0	0.0	0.02	0.1	9.0	7:30p	ESE
2	52.7	59.8	2:00p	40.2	12:00m	12.3	0.0	0.01	1.4	12.0	4:30p	WNW
3	27.4	40.2	12:30a	14.6	11:00p	37.6	0.0	0.00	1.0	10.0	12:30p	NW
4	24.5	33.1	2:30p	13.3	7:00a	40.5	0.0	0.31	0.3	5.0	2:00p	SSE
5	30.7	38.8	12:00p	19.1	12:30a	34.3	0.0	0.16	0.5	6.0	11:00a	SE
6	35.1	38.9	1:00p	26.7	4:00a	29.9	0.0	0.09	0.9	9.0	11:00a	W
7	24.3	30.1	12:30a	10.2	12:00m	40.7	0.0	0.00	2.0	15.0	12:00p	W
8	22.4	33.1	1:30p	10.0	12:30a	42.6	0.0	0.09	0.4	5.0	3:00a	SE
9	34.6	42.2	9:30p	20.2	1:00a	30.4	0.0	0.33	0.6	20.0	12:00m	S
10	29.3	37.9	12:30a	23.8	12:00m	35.7	0.0	0.02	2.7	24.0	12:30a	W
11	20.0	25.1	2:00p	13.6	12:00m	45.0	0.0	0.00	1.2	12.0	4:00a	W
12	29.7	43.9	2:00p	13.6	12:30a	35.3	0.0	0.02	1.1	13.0	11:00a	SSE
13	34.7	48.9	11:30a	22.5	6:30a	30.3	0.0	0.00	0.0	3.0	1:00p	E
14	35.1	43.5	10:30a	25.6	12:00m	29.9	0.0	0.00	2.8	19.0	2:30p	NW
15	19.0	25.6	12:30a	11.2	12:00m	46.0	0.0	0.00	1.3	7.0	8:00a	NW
16	22.1	41.9	12:00m	8.1	4:00a	42.9	0.0	0.47	1.5	26.0	7:00p	N
17	33.3	42.1	1:00a	31.3	8:30p	31.7	0.0	0.63	3.9	27.0	1:30p	WSW
18	30.8	37.3	1:00p	21.1	12:00m	34.2	0.0	0.00	1.8	16.0	1:30a	WSW
19	39.5	51.6	2:00p	20.2	2:00a	25.5	0.0	0.05	1.3	14.0	11:00a	SSE
20	32.4	40.5	12:30a	21.4	12:00m	32.6	0.0	0.39	1.3	9.0	12:30p	NW
21	18.6	23.0	2:00p	12.9	7:30a	46.4	0.0	0.00	1.5	6.0	2:30a	NW
22	19.9	30.4	3:00p	10.0	6:00a	45.1	0.0	0.01	0.4	7.0	11:00a	SW
'23	27.5	37.3	12:00p	14.6	1:30a	37.5	0.0	0.03	0.5	9.0	12:00p	SE
24	32.1	38.9	1:00p	22.5	7:00a	32.9	0.0	0.01	1.0	15.0	1:30p	WNW
25	31.9	46.1	12:30p	23.8	12:00m	33.1	0.0	0.00	1.6	12.0	12:00p	WNW
26	20.7	29.5	2:00p	11.1	12:00m	44.3	0.0	0.00	0.9	11.0	9:30a	W
27	22.7	33.4	2:00p	7.6	6:00a	42.3	0.0	0.00	0.6	10.0	11:00a	SE
28	31.3	37.5	11:30a	27.0	12:30a	33.7	0.0	0.00	0.7	5.0	11:00p	ENE
29	20.6	28.8	12:30a	16.9	12:00m	44.4	0.0	0.00	3.1	23.0	12:00p	WNW
30	21.5	29.7	2:30p	8.1	5:30a	43.5	0.0	0.00	0.6	7.0	1:00p	WSW
31	23.6	34.7	12:30p	14.6	4:30a	41.4	0.0	0.00	0.5	7.0	12:30p	NE
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	29.1	59.8	2	7.6	27	1113.0	0.0	2.64	1.2	27.0	17	NW

Max >= 90.0: 0
 Max <= 32.0: 8
 Min <= 32.0: 29
 Min <= 0.0: 0
 Max Rain: 0.63 ON 01/17/22
 Days of Rain: 13 (>.01 in) 6 (>.1 in) 0 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY FOR FEBRUARY 2022

NAME: CMREC Clarksville CITY: Ellicott City STATE: Maryland

ELEV: 318 ft LAT: 39° 00' 00" N LONG: 76° 00' 00" W

TEMPERATURE (OF) , 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	25.6	39.8	12:00p	12.6	6:00a	39.4	0.0	0.00	0.6	9.0	11:30a	E
2	33.5	47.1	2:00p	18.1	5:30a	31.5	0.0	0.00	0.5	10.0	1:00p	E
3	44.3	57.8	11:00p	35.3	12:30a	20.7	0.0	0.50	0.5	18.0	11:00p	ESE
4	42.2	59.9	3:00a	30.9	11:30p	22.8	0.0	0.22	2.1	19.0	3:30a	WNW
5	25.7	30.9	12:30a	16.2	12:00m	39.3	0.0	0.01	2.1	19.0	9:00a	W
6	23.9	34.3	2:00p	13.8	6:30a	41.1	0.0	0.04	0.5	6.0	10:00a	E
7	33.8	41.5	1:00p	20.8	12:30a	31.2	0.0	0.12	0.0	4.0	12:30p	SSE
8	31.8	42.3	2:00p	21.3	12:00m	33.2	0.0	0.00	1.2	14.0	12:30p	W
9	35.2	54.4	2:00p	18.8	5:00a	29.8	0.0	0.00	1.2	14.0	2:30p	E
10	39.0	56.5	2:00p	24.5	6:30a	26.1	0.0	0.00	1.5	16.0	10:30a	WSW
11	45.7	64.7	2:30p	21.3	5:30a	19.3	0.0	0.00	2.5	22.0	2:30p	SE
12	49.5	56.9	1:30p	34.9	12:00m	15.5	0.0	0.00	2.6	16.0	1:00p	WSW
13	28.5	34.9	12:30a	18.4	10:00p	36.5	0.0	0.07	0.9	5.0	12:30a	NW
14	22.1	28.1	3:30p	12.9	12:00m	42.9	0.0	0.00	1.1	12.0	12:30p	W
15	24.1	36.8	3:30p	9.2	6:00a	40.9	0.0	0.05	0.5	9.0	11:00a	E
16	34.8	50.7	3:30p	19.1	5:30a	30.2	0.0	0.02	1.4	20.0	11:00a	SE
17	58.0	66.3	4:30p	30.9	12:30a	7.2	0.2	0.00	4.9	28.0	11:30a	SSE
18	41.2	66.3	4:00a	21.0	12:00m	23.8	0.0	0.02	4.8	39.0	5:30a	W
19	28.3	44.6	11:00a	16.4	6:00a	36.7	0.0	0.00	3.1	33.0	3:30p	W
20	26.8	40.1	3:00p	12.1	6:00a	38.2	0.0	0.00	1.1	14.0	3:00p	SE
21	40.7	63.9	1:30p	19.1	5:00a	24.3	0.0	0.00	1.1	15.0	3:30p	SE
22	52.2	64.3	7:00p	31.9	12:30a	12.8	0.0	0.07	3.2	27.0	6:30p	SE
23	57.3	72.5	1:00p	36.2	12:00m	8.6	0.8	0.01	4.0	21.0	6:00p	S
24	32.6	36.2	12:30a	30.6	5:30p	32.4	0.0	0.03	0.9	7.0	1:00a	ENE
25	37.9	53.2	2:00p	31.2	2:00a	27.1	0.0	0.42	2.0	19.0	3:00p	W
26	32.1	39.8	3:00p	24.8	12:00m	32.9	0.0	0.00	1.5	10.0	8:00a	W
27	39.1	52.2	3:00p	23.9	2:00a	25.9	0.0	0.00	2.6	20.0	1:00p	WSW
28	37.7	45.7	2:30p	29.8	12:00m	27.3	0.0	0.00	1.6	15.0	9:00a	E
	36.6	72.5	23	9.2	15	797.6	1.0	1.58	1.8	39.0	18	W

Max >= 90.0: 0
 Max <= 32.0: 2
 Min <= 32.0: 25
 Min <= 0.0: 0

Max Rain: 0.50 ON 02/03/22

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 MAR. 2022

NAME: CMREC Clarksville

CITY: Ellicott City

STATE: Maryland

ELEV: 318 ft LAT: 39° 00' 00" N

LONG: 76° 00' 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	39.2	51.9	2:30p	25.6	5:30a	25.8	0.0	0.00	1.2	12.0	10:00a	SE
2	44.1	59.8	4:00p	27.2	6:00a	20.9	0.0	0.00	1.1	13.0	2:00p	WNW
3	43.6	53.1	3:30a	26.1	11:30p	21.4	0.0	0.00	2.9	17.0	1:00p	W
4	30.9	43.8	4:00p	18.4	6:00a	34.1	0.0	0.00	0.7	11.0	2:30p	SSE
5	42.7	57.6	2:30p	24.5	3:00a	22.3	0.0	0.00	1.6	12.0	2:30p	E
6	61.7	75.3	1:30p	36.3	4:00a	6.1	2.9	0.02	2.8	20.0	10:30a	S
7	62.6	75.6	1:00p	45.5	12:00m	5.8	3.4	0.02	5.4	33.0	10:30a	S
8	42.8	49.1	4:00p	37.0	7:30p	22.2	0.0	0.00	2.4	17.0	1:00a	W
9	38.7	41.9	1:00a	32.4	12:00m	26.3	0.0	0.17	0.5	5.0	9:00a	E
10	38.0	49.5	1:00p	26.3	5:00a	27.0	0.0	0.07	0.5	7.0	3:30p	ENE
11	44.1	60.7	2:30p	25.8	5:30a	20.9	0.0	0.00	1.6	16.0	2:30p	SE
12	30.6	47.3	1:00a	20.3	12:00m	34.4	0.0	0.18	3.2	26.0	3:30p	WSW
13	28.0	39.2	3:30p	18.3	5:30a	37.0	0.0	0.02	1.9	21.0	1:00a	SW
14	41.3	59.9	2:00p	21.4	5:00a	23.7	0.0	0.07	1.2	13.0	3:30p	SE
15	48.3	69.4	2:00p	28.5	3:30a	17.4	0.7	0.00	0.8	14.0	1:00p	SSE
16	52.0	70.6	1:00p	31.5	5:30a	14.0	1.0	0.00	1.0	15.0	2:00p	ESE
17	51.0	59.0	2:30p	41.3	12:00m	14.0	0.0	0.05	0.6	5.0	8:00a	NW
18	57.4	73.0	11:30a	37.5	5:30a	9.5	1.9	0.00	1.6	17.0	12:00p	ESE
19	61.1	74.2	4:00p	44.5	5:30a	5.9	2.0	0.00	3.2	26.0	3:30p	SSE
20	50.6	56.0	12:30a	46.2	9:00p	14.4	0.0	0.00	3.6	21.0	1:30p	WSW
21	51.3	67.3	3:30p	31.2	5:30a	13.9	0.2	0.00	2.3	20.0	2:00p	WSW
22	49.2	64.3	2:00p	34.4	5:00a	15.8	0.0	0.00	0.8	10.0	12:00p	N
23	46.7	51.3	12:00m	39.6	1:00a	18.3	0.0	0.36	1.7	12.0	7:30a	ENE
24	49.4	53.1	2:00p	44.6	11:00p	15.6	0.0	0.20	0.7	9.0	9:00p	NW
25	49.7	58.7	1:00p	37.0	5:00a	15.3	0.0	0.31	2.1	18.0	10:30a	WSW
26	43.9	50.7	1:00p	38.0	12:00m	21.1	0.0	0.00	3.5	29.0	3:30p	WSW
27	35.7	40.6	8:00a	27.8	12:00m	29.3	0.0	0.01	4.0	27.0	1:30p	WSW
28	28.3	35.3	1:00p	23.3	11:30p	36.7	0.0	0.00	3.1	29.0	3:00p	W
29	30.8	43.8	4:00p	21.3	5:00a	34.2	0.0	0.00	2.0	17.0	11:00a	W
30	41.3	56.2	2:00p	23.3	3:00a	23.7	0.0	0.00	1.5	14.0	2:00p	E
31	63.3	71.1	12:00p	47.9	12:30a	3.4	1.6	0.05	4.8	33.0	12:30p	SE
	45.1	75.6	7	18.3	13	630.4	13.7	1.53	2.1	33.0	7	WSW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 17

Min <= 0.0: 0

Max Rain: 0.36 ON 03/23/22

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for APRIL 2022

NAME: CMREC Clarksville
 ELEV: 318 ft

CITY: Ellicott City
 LAT: 39° 00' 00" N

STATE: Maryland
 LONG: 76° 00' 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	47.8	56.9	12:30a	40.6	12:00m	17.2	0.0	0.03	4.0	27.0	11:30a	WSW
2	44.6	55.7	4:00p	34.9	5:00a	20.4	0.0	0.01	1.4	11.0	10:00a	SSE
3	46.4	55.9	10:30a	39.2	12:00m	17.8	0.0	0.00	3.0	22.0	2:30p	W
4	43.2	52.5	4:00p	27.8	6:00a	21.8	0.0	0.00	0.9	9.0	9:00a	WSW
5	48.5	53.3	2:30p	40.9	3:00a	16.5	0.0	0.14	0.6	5.0	10:30p	SSE
6	53.9	60.7	4:00p	49.6	8:30a	11.1	0.0	0.25	1.4	9.0	3:30a	NW
7	48.4	51.3	12:30a	44.9	11:00p	16.6	0.0	0.03	1.3	9.0	12:30a	WSW
8	51.1	61.6	2:30p	41.5	6:00a	13.9	0.0	0.01	1.9	17.0	2:00p	SW
9	46.9	53.3	12:30p	41.2	5:00a	18.1	0.0	0.01	2.8	18.0	12:30p	WSW
10	41.9	49.9	5:30p	30.3	12:00m	23.1	0.0	0.00	2.4	21.0	2:00p	W
11	46.8	63.5	2:30p	26.6	5:00a	18.2	0.0	0.26	1.4	17.0	2:00p	E
12	59.9	75.4	4:30p	47.6	4:00a	7.4	2.3	0.01	1.4	15.0	2:30p	WSW
13	67.7	83.6	4:00p	45.5	5:30a	5.3	8.0	0.00	2.2	21.0	11:30p	SE
14	68.0	81.1	12:30p	47.0	12:00m	2.5	5.5	0.00	4.4	32.0	2:30p	S
15	56.1	69.8	4:00p	34.3	5:30a	9.8	0.8	0.00	2.5	21.0	3:30p	SE
16	63.6	76.1	4:00p	53.5	12:00m	4.0	2.6	0.00	3.5	19.0	1:00p	SSE
17	47.1	53.5	12:30a	34.1	12:00m	17.9	0.0	0.00	2.6	23.0	9:30a	NW
18	38.8	44.9	12:30p	30.6	5:30a	26.2	0.0	0.17	1.1	11.0	12:30p	NE
19	42.8	49.4	1:30p	37.8	1:30a	22.2	0.0	0.05	3.3	25.0	12:00p	WSW
20	45.8	59.3	4:00p	30.4	6:00a	19.2	0.0	0.01	1.3	12.0	8:30a	SE
21	53.8	65.6	2:00p	38.9	6:00a	11.2	0.0	0.00	2.0	19.0	2:00p	SE
22	56.8	71.6	2:30p	39.2	6:00a	9.5	1.4	0.00	1.6	15.0	11:00a	NW
23	57.9	71.6	3:30p	40.6	6:00a	8.4	1.3	0.00	1.1	11.0	2:30p	ENE
24	61.2	76.3	12:30p	45.7	5:30a	6.8	3.1	0.00	1.3	13.0	5:00p	ENE
25	56.8	65.2	3:00p	51.0	3:00a	8.2	0.0	0.00	1.6	12.0	4:30p	NE
26	58.0	66.1	12:00p	52.2	12:00m	7.1	0.0	0.00	0.8	10.0	1:30p	WSW
27	48.6	57.0	3:00p	38.3	12:00m	16.4	0.0	0.00	3.3	20.0	11:00a	WNW
28	44.2	57.0	4:30p	33.4	12:00m	20.8	0.0	0.00	2.8	18.0	8:00a	W
29	45.5	62.9	4:00p	27.2	5:00a	19.6	0.0	0.00	1.5	16.0	11:00a	W
30	49.7	68.6	4:00p	27.8	5:00a	15.4	0.4	0.00	0.5	9.0	2:30p	NW
	51.4	83.6	13	26.6	11	432.6	25.4	0.98	2.0	32.0	14	WSW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 7

Min <= 0.0: 0

Max Rain: 0.26 ON 04/11/22

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 MAY 2022

NAME: CMREC Clarksville
 ELEV: 318 ft

CITY: Ellicott City
 LAT: 39° 00' 00" N

STATE: Maryland
 LONG: 76° 00' 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	51.4	62.3	12:00p	39.5	12:30a	13.6	0.0	0.13	0.6	7.0	11:00a	NE
2	61.4	77.2	5:00p	46.5	6:00a	6.8	3.2	0.01	1.0	14.0	12:30p	NE
3	57.9	70.1	4:00p	46.1	3:30a	7.7	0.6	0.00	1.4	12.0	4:00p	E
4	60.3	70.8	3:30p	52.5	1:00a	5.7	1.0	0.01	0.4	5.0	12:00m	E
5	59.2	65.0	2:00p	54.7	3:30a	5.8	0.0	0.00	1.0	7.0	8:30a	NW
6	54.1	56.6	11:30a	48.9	11:30p	10.9	0.0	0.02	1.1	13.0	11:30p	NE
7	48.0	51.3	9:00a	43.1	12:00m	17.0	0.0	0.00	2.9	19.0	10:30a	N
8	46.8	57.2	5:00p	36.5	12:00m	18.2	0.0	0.01	2.3	17.0	12:00p	N
9	51.9	68.4	4:30p	34.1	2:30a	13.7	0.5	0.00	1.8	17.0	2:00p	N
10	56.4	72.0	4:00p	38.9	2:30a	10.2	1.6	0.00	1.9	17.0	10:30a	N
11	58.5	72.7	2:00p	39.6	5:30a	8.6	2.0	0.00	1.9	16.0	11:30a	N
12	63.0	74.2	2:30p	47.6	4:30a	4.4	2.4	0.01	1.0	10.0	10:30a	NE
13	66.1	72.8	5:00p	62.6	4:00a	0.7	1.8	0.00	0.8	5.0	8:30a	NE
14	65.9	69.6	1:00p	62.7	10:00p	0.4	1.3	0.01	0.3	5.0	1:00p	NE
15	68.2	80.1	4:30p	62.0	1:30a	0.8	3.9	0.00	0.5	12.0	5:30p	SW
16	66.1	77.9	3:00p	52.9	12:00m	2.1	3.2	0.00	1.9	21.0	5:30p	SW
17	65.9	79.6	4:00p	49.2	3:30a	4.2	5.1	0.00	2.6	20.0	1:30p	SW
18	60.6	70.8	2:00p	47.1	4:00a	5.5	1.1	0.00	0.7	10.0	1:30p	SW
19	66.9	80.9	4:30p	57.3	12:00m	2.8	4.8	0.00	1.7	15.0	3:30p	SW
20	73.3	87.0	2:00p	54.7	4:00a	2.3	10.6	0.00	1.0	12.0	3:30p	ESE
21	81.1	90.3	2:00p	65.6	5:30a	0.0	16.1	0.09	1.5	13.0	11:30p	SSE
22	75.7	89.7	3:00p	65.2	12:00m	0.0	10.7	0.00	1.6	25.0	4:00p	SSE
23	63.3	70.8	2:00p	57.5	12:00m	2.7	1.0	0.02	1.7	11.0	2:00a	NNW
24	59.1	63.2	1:30p	56.2	4:00a	5.9	0.0	0.00	0.8	11.0	2:00p	NE
25	61.8	70.6	2:30p	51.9	4:30a	4.4	1.2	0.00	1.4	13.0	3:00p	E
26	64.2	70.9	3:30p	57.3	3:30a	2.3	1.5	0.00	0.9	9.0	3:00p	E
27	67.7	74.7	11:30a	61.6	12:00m	0.2	2.9	0.01	1.0	18.0	11:30a	ESE
28	67.8	76.0	4:00p	60.1	5:30a	1.2	3.9	0.01	2.1	15.0	11:30a	SW
29	68.4	81.1	6:30p	54.4	5:00a	2.6	6.0	0.00	0.5	11.0	10:00a	SSE
30	73.9	89.0	5:30p	57.2	5:00a	1.6	10.5	0.01	0.8	10.0	2:30p	SSE
31	77.7	92.3	4:30p	61.2	5:00a	0.4	13.1	0.01	0.9	12.0	11:30a	SSW
	63.3	92.3	31	34.1	9	162.7	110.0	0.35	1.3	25.0	22	NE

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

Max Rain: 0.13 ON 05/01/22

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 **JUNE 2022**

NAME: CMREC Clarksville CITY: Ellicott City STATE: Maryland
 ELEV: 318 ft LAT: 39° 00' 00" N LONG: 76° 00' 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	79.0	90.3	2:30p	65.5	5:00a	0.0	14.0	0.00	1.3	13.0	2:00p	SW
2	74.6	85.7	2:00p	67.4	2:00a	0.0	9.6	0.16	0.8	11.0	2:00p	W
3	69.0	77.2	4:00p	55.0	12:00m	1.1	5.1	0.00	1.6	15.0	12:30p	W
4	67.3	82.6	3:00p	50.2	5:00a	4.6	6.9	0.00	1.3	14.0	11:30a	SW
5	65.1	77.2	4:00p	51.4	5:30a	4.3	4.4	0.00	0.9	10.0	8:00a	NE
6	67.0	80.3	2:30p	49.1	5:00a	3.9	5.8	0.00	1.7	16.0	4:00p	E
7	68.2	78.8	11:00a	55.1	4:30a	1.6	4.9	0.10	1.7	20.0	12:00p	SSE
8	72.6	86.3	4:00p	62.0	4:00a	0.2	7.8	1.90	0.7	13.0	7:30p	E
9	71.0	78.5	12:00p	59.6	11:30p	0.3	6.4	0.18	3.2	20.0	11:00a	WSW
10	66.9	78.6	2:30p	52.0	5:00a	3.0	5.0	0.00	1.3	14.0	11:00a	SW
11	64.8	70.6	5:30p	61.8	4:30a	1.2	0.9	0.06	0.1	4.0	10:00a	SSW
12	69.8	79.9	5:00p	60.9	5:00a	0.9	5.7	0.04	0.7	9.0	2:00p	SSE
13	77.4	89.5	4:00p	67.3	4:30a	0.0	12.4	0.02	0.9	10.0	11:00a	SW
14	72.5	80.3	3:30p	64.2	12:00m	0.0	7.6	0.05	0.9	16.0	3:00p	ENE
15	75.8	87.6	3:00p	60.7	5:30a	0.7	11.5	0.00	0.7	9.0	1:00p	ESE
16	75.6	83.4	2:30p	70.8	6:00a	0.0	10.6	0.00	1.7	13.0	10:00a	SE
17	81.2	92.5	2:30p	67.4	5:30a	0.0	16.2	0.00	3.1	21.0	2:30p	SW
18	66.9	74.2	4:30p	58.3	4:00a	1.2	3.1	0.00	3.2	25.0	7:30a	W
19	63.6	76.0	4:00p	49.4	4:00a	4.7	3.3	0.00	2.8	21.0	1:30p	W
20	64.4	79.8	3:30p	44.6	5:00a	5.8	5.2	0.00	1.3	16.0	11:00a	SW
21	68.2	81.2	4:30p	53.9	4:00a	2.7	5.9	0.00	0.9	13.0	12:30p	SSE
22	71.1	84.5	11:30a	60.2	1:00a	0.9	7.0	0.47	0.7	11.0	7:00p	NE
23	65.8	69.8	4:30p	62.4	12:00m	0.4	1.2	0.12	0.4	5.0	12:30a	ENE
24	69.7	81.1	6:00p	59.0	5:00a	1.2	5.9	0.00	0.2	6.0	4:00p	ESE
25	74.4	88.2	3:30p	59.0	5:30a	1.0	10.5	0.00	0.6	7.0	1:00p	ESE
26	75.7	87.6	2:30p	66.1	4:30a	0.0	10.7	0.05	1.9	18.0	4:00p	SSE
27	73.5	80.9	6:30p	66.1	12:00m	0.0	8.5	0.03	1.2	12.0	4:00p	W
28	67.2	78.3	3:00p	51.9	5:00a	2.8	5.0	0.00	1.1	13.0	9:00a	NNW
29	71.7	84.5	4:30p	54.2	5:30a	2.2	8.9	0.00	1.4	13.0	1:30p	SE
30	75.9	88.4	2:30p	59.6	5:00a	0.5	11.5	0.00	0.6	9.0	4:00p	NE
	70.9	92.5	17	44.6	20	45.2	221.5	3.18	1.3	25.0	18	W

Max >= 90.0: 2
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0
 Max Rain: 1.90 ON 06/08/22
 Days of Rain: 12 (>.01 in) 5 (>.1 in) 1 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JULY 2022

NAME: CMREC Clarksville CITY: Ellicott City STATE: Maryland
 ELEV: 318 ft LAT: 39° 00' 00" N LONG: 76° 00' 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	75.3	91.2	12:30p	63.4	5:00a	0.1	10.4	0.49	1.1	21.0	5:30p	SSE
2	77.3	88.4	1:00p	69.1	1:30a	0.0	12.3	0.36	1.3	16.0	11:30p	SSE
3	74.4	85.9	5:00p	63.5	12:00m	0.1	9.5	0.03	0.8	10.0	12:00p	NNW
4	72.4	85.3	4:30p	58.1	5:30a	1.2	8.7	0.00	0.4	15.0	12:30p	SE
5	73.8	82.8	11:00a	61.2	2:30a	0.7	9.4	0.24	1.1	14.0	2:00p	SSE
6	78.1	88.8	3:30p	68.8	4:00a	0.0	13.1	0.19	1.2	12.0	9:00a	SW
7	73.8	79.9	3:00p	67.4	12:00m	0.0	8.8	0.01	0.8	7.0	9:30a	NW
8	75.2	84.9	3:30p	66.0	5:00a	0.0	10.2	0.02	0.5	6.0	11:30a	SSE
9	69.2	74.4	12:30a	67.1	12:00m	0.0	4.2	0.58	0.6	11.0	12:30p	NE
10	71.6	81.8	4:30p	63.4	12:00m	0.2	6.7	0.00	0.5	6.0	1:00p	ENE
11	70.6	82.6	3:30p	57.6	5:00a	1.5	7.2	0.00	0.7	7.0	2:00p	SSE
12	72.8	89.5	3:30p	58.6	5:00a	1.3	9.1	0.10	2.2	22.0	4:30p	SSE
13	77.6	87.8	3:30p	64.8	5:00a	0.0	11.9	0.00	0.9	14.0	10:30p	SW
14	75.6	86.5	4:30p	64.0	5:00a	0.0	10.6	0.00	1.0	11.0	1:30p	SW
15	74.9	86.7	3:00p	63.7	5:30a	0.1	10.0	0.00	0.6	7.0	3:30p	SW
16	72.6	82.8	11:00a	62.9	4:30a	0.2	7.8	0.00	0.8	12.0	1:30p	SE
17	75.1	83.6	3:30p	65.5	5:00a	0.0	10.1	0.12	0.4	7.0	12:30p	ESE
18	76.1	89.5	2:00p	69.6	3:30a	0.0	11.1	0.37	1.4	17.0	3:00p	SSE
19	77.8	88.8	4:00p	68.9	12:00m	0.0	12.8	0.00	0.9	10.0	12:30p	SW
20	78.7	91.2	3:30p	65.5	4:30a	0.0	13.7	0.00	1.0	10.0	1:00p	SSE
21	81.2	92.7	4:30p	70.3	3:30a	0.0	16.2	0.00	1.5	12.0	2:00p	SW
22	81.7	92.9	3:30p	68.4	5:00a	0.0	16.7	0.00	1.4	14.0	3:00p	SSE
23	80.5	94.5	5:00p	68.1	12:00m	0.0	15.5	0.00	1.0	22.0	7:00p	SSE
24	80.6	94.7	2:30p	64.0	5:30a	0.0	15.6	0.00	1.1	11.0	2:00p	SE
25	80.3	87.2	12:00p	72.5	12:00m	0.0	15.3	0.00	1.7	12.0	10:00a	SSE
26	73.5	78.3	2:00p	69.9	12:00m	0.0	8.5	0.01	0.3	5.0	9:00a	SSE
27	77.4	87.4	1:30p	67.9	3:00a	0.0	12.4	0.00	0.8	9.0	1:30p	SSE
28	79.9	91.4	3:00p	71.3	5:00a	0.0	14.9	0.00	1.6	12.0	12:30p	S
29	74.0	86.5	2:30p	66.0	4:00a	0.0	8.8	0.24	0.5	12.0	4:30p	S
30	75.3	86.7	3:30p	64.3	12:00m	0.0	10.4	0.00	1.1	11.0	11:30a	W
31	71.0	85.1	11:30a	61.0	5:30a	0.6	6.7	0.28	0.5	9.0	10:30a	SSE
	75.8	94.7	24	57.6	11	6.0	338.6	3.04	1.0	22.0	12	SSE

Max >= 90.0: 7
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0
 Max Rain: 0.58 ON 07/09/22
 Days of Rain: 12 (>.01 in) 9 (>.1 in) 0 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for AUGUST 2022

NAME: CMREC Clarksville CITY: Ellicott City STATE: Maryland
 ELEV: 318 ft LAT: 39° 00' 00" N LONG: 76° 00' 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	74.8	85.3	4:30p	68.4	6:30a	0.0	9.8	0.01	1.1	11.0	2:30p	SSE
2	77.8	89.9	3:00p	65.6	4:00a	0.0	12.8	0.00	1.6	14.0	12:30p	SW
3	77.3	90.5	3:30p	63.5	5:30a	0.1	12.4	0.00	0.9	11.0	10:30a	SE
4	77.8	96.1	3:00p	65.8	5:00a	0.0	12.8	0.76	1.1	26.0	4:30p	SE
5	76.2	90.1	3:00p	69.8	2:00a	0.0	11.2	0.04	0.6	18.0	5:00p	ESE
6	77.4	87.8	3:30p	69.1	4:00a	0.0	12.4	0.03	1.4	13.0	1:00p	SE
7	78.7	89.5	1:30p	69.4	5:30a	0.0	13.7	0.00	1.5	16.0	1:00p	SSE
8	80.0	92.3	3:30p	70.1	5:30a	0.0	15.0	0.00	1.3	16.0	4:00p	SE
9	81.8	94.5	4:30p	70.3	5:30a	0.0	16.8	0.01	1.6	17.0	8:00p	SW
10	77.3	89.3	2:00p	70.6	6:00a	0.0	12.3	0.12	0.9	11.0	4:30p	S
11	76.3	85.7	4:00p	69.6	6:30a	0.0	11.3	0.13	1.4	13.0	2:30p	W
12	71.3	81.4	1:30p	56.2	12:00m	1.1	7.4	0.00	1.5	12.0	11:00a	NW
13	66.9	81.8	4:00p	51.6	5:30a	4.0	5.8	0.00	1.0	12.0	10:00a	NW
14	70.1	82.8	1:30p	59.2	1:30a	1.5	6.6	0.00	0.8	11.0	12:00p	SE
15	68.0	77.6	1:00p	62.9	6:00a	0.5	3.5	0.15	0.5	7.0	12:30p	SE
16	69.8	80.9	1:00p	58.1	11:30p	1.3	6.1	0.00	1.2	13.0	12:30p	NE
17	67.3	83.6	2:00p	55.3	5:30a	3.0	5.3	0.05	0.8	13.0	5:00p	ENE
18	68.8	84.0	2:30p	53.9	6:00a	3.1	6.9	0.00	0.9	11.0	12:00p	SW
19	73.1	88.4	1:30p	56.5	5:30a	2.0	10.1	0.00	0.9	12.0	2:30p	SSE
20	75.7	88.2	2:30p	64.3	6:00a	0.0	10.7	0.00	0.8	11.0	12:30p	ESE
21	72.3	81.2	10:00a	62.0	4:00a	0.5	7.8	0.08	0.7	9.0	10:30a	ESE
22	75.0	83.6	11:00a	69.1	11:30p	0.0	10.0	0.22	0.4	6.0	10:00a	E
23	74.2	85.1	3:30p	64.5	12:00m	0.0	9.2	0.00	1.6	15.0	1:30p	SW
24	73.0	87.2	2:30p	59.3	6:00a	1.0	9.0	0.00	0.9	12.0	3:30p	SW
25	73.3	89.3	1:30p	58.9	6:00a	1.3	9.6	0.00	0.5	13.0	3:30p	SSE
26	76.8	89.7	1:30p	64.2	5:00a	0.0	11.8	0.08	1.1	12.0	2:00p	SSE
27	75.3	89.0	3:00p	64.5	6:00a	0.0	10.3	0.01	0.7	9.0	8:30a	NNW
28	75.6	89.7	3:00p	62.7	5:30a	0.2	10.8	0.00	0.7	10.0	10:30a	E
29	78.2	90.3	2:00p	67.4	2:00a	0.0	13.2	0.00	0.9	12.0	4:30p	E
30	75.1	91.8	2:30p	66.8	6:00a	0.0	10.1	0.26	1.9	25.0	3:00p	SSE
31	71.0	82.2	4:00p	58.4	12:00m	0.8	6.9	0.00	1.4	17.0	11:30a	SW
	74.4	96.1	4	51.6	13	20.4	311.6	1.95	1.1	26.0	4	SW

Max >= 90.0: 7
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0
 Max Rain: 0.76 ON 08/04/22
 Days of Rain: 11 (>.01 in) 6 (>.1 in) 0 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for: SEPTEMBER 2022

NAME: CMREC Clarksville CITY: Ellicott City STATE: Maryland
 ELEV: 318 ft LAT: 39° 00' 00" N LONG: 76° 00' 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	70.3	86.1	2:30p	54.2	5:30a	2.7	8.1	0.00	1.4	15.0	3:30p	SW
2	70.1	84.5	2:30p	55.6	5:30a	2.2	7.3	0.00	0.8	12.0	2:00p	NE
3	72.7	86.1	2:00p	61.6	2:00a	0.7	8.4	0.00	0.6	9.0	1:00p	ESE
4	75.2	89.0	1:30p	60.5	6:00a	0.7	10.8	0.00	0.9	10.0	12:00p	ESE
5	74.0	85.5	1:00p	65.3	5:00a	0.0	9.0	0.68	0.7	13.0	1:30p	SE
6	72.9	81.8	2:00p	68.4	10:30p	0.0	7.9	1.17	1.1	14.0	12:00p	NW
7	69.1	71.8	1:30p	66.8	11:30p	0.0	4.1	0.08	0.5	5.0	12:00p	NE
8	69.0	77.6	2:00p	60.5	12:00m	0.4	4.4	0.00	0.7	11.0	12:00p	NE
9	67.0	80.7	12:30p	56.0	6:00a	3.2	5.2	0.00	0.5	7.0	11:00a	ENE
10	75.4	80.1	3:30p	55.7	1:00a	0.2	3.0	0.00	0.1	4.0	1:00p	ENE
11	--	--	--	--	--	0.0	0.0	0.00	0.0	0.0	--	--
12	81.0	84.9	12:30p	72.0	6:30p	0.0	3.3	0.01	0.1	5.0	12:30p	E
13	76.0	78.1	3:00p	66.8	7:00p	0.0	3.4	0.00	0.9	12.0	1:30p	SW
14	75.6	77.7	2:00p	68.6	7:00p	0.0	3.3	0.00	0.6	14.0	1:30p	WSW
15	73.8	75.8	2:00p	66.0	6:30p	0.0	2.9	0.00	0.9	14.0	11:30a	NNW
16	76.1	78.5	3:30p	68.9	6:30p	0.0	3.0	0.00	0.2	6.0	12:00p	WSW
17	78.0	79.9	1:30p	70.9	6:30p	0.0	3.2	0.00	0.2	6.0	12:30p	SE
18	80.8	82.8	4:00p	73.9	6:30p	0.0	4.6	0.00	0.3	7.0	2:00p	S
19	80.6	82.8	1:00p	74.7	6:30p	0.0	3.6	0.00	0.3	11.0	3:30p	S
20	79.7	81.8	4:00p	75.1	6:00p	0.0	4.0	0.00	0.7	15.0	12:00p	WSW
21	80.6	83.4	4:00p	75.4	6:00p	0.0	4.2	0.00	0.5	9.0	1:00p	SSE
22	72.1	75.8	3:00p	66.8	6:00p	0.0	1.5	0.00	0.9	18.0	3:00p	WSW
23	63.9	66.1	3:30p	59.9	11:00a	0.4	0.1	0.00	1.1	15.0	1:30p	WSW
24	66.3	69.8	3:00p	62.6	6:00p	0.0	0.4	0.00	0.6	9.0	12:00p	S
25	70.5	74.7	1:00p	68.3	5:30p	0.0	1.0	0.00	0.3	13.0	1:00p	ESE
26	71.3	74.2	1:30p	66.4	6:00p	0.0	1.7	0.00	0.6	16.0	1:00p	SW
27	66.4	68.3	2:00p	63.2	5:30p	0.0	0.4	0.00	1.1	16.0	12:00p	SW
28	64.8	67.6	3:30p	62.3	6:00p	0.1	0.1	0.00	0.6	13.0	2:00p	WSW
29	64.4	67.1	2:00p	60.7	5:30p	0.2	0.1	0.00	0.8	14.0	2:00p	NNW
30						0.0	0.0	0.00	0.0	0.0		

	72.8	89.0	4	54.2	1	10.8	109.0	1.94	0.6	18.0	22	WSW

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

Max Rain: 1.17 ON 09/06/22

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for OCTOBER 2022

NAME: CMREC CLARKSVILLE CITY: Ellicott City STATE: Maryland
 ELEV: 318 ft LAT: 39° 00' 00" N LONG: 76° 00' 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	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
2	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
3	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
4	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
5	62.3	63.2	2:30p	60.7	2:00p	0.4	0.0	0.00	0.3	10.0	2:00p	NW
6	72.8	76.1	4:00p	66.1	5:30p	0.0	2.1	0.00	0.3	7.0	1:30p	WSW
7	74.4	76.1	3:00p	70.3	5:00p	0.0	1.8	0.00	0.5	11.0	4:00p	SW
8	54.4	56.9	2:30p	52.0	5:30p	3.3	0.0	0.00	0.8	13.0	1:30p	WSW
9	60.0	61.8	3:30p	56.0	5:30p	1.3	0.0	0.00	0.8	14.0	12:30p	SW
10	65.0	67.3	3:00p	59.2	5:30p	0.2	0.2	0.00	0.6	11.0	1:30p	SW
11	70.7	72.1	1:00p	64.5	5:30p	0.0	1.5	0.00	0.5	12.0	1:00p	SSE
12	67.9	70.1	3:00p	62.7	10:00a	0.0	0.8	0.00	0.9	13.0	2:00p	SSE
13	65.4	67.3	4:00p	63.2	10:30a	0.1	0.2	0.02	0.4	9.0	11:00a	ESE
14	65.3	66.6	3:00p	59.6	5:30p	0.1	0.2	0.00	0.4	9.0	2:00p	SSE
15	71.5	73.3	3:30p	66.4	5:30p	0.0	1.6	0.00	0.9	16.0	11:30a	SSE
16	67.1	70.4	2:00p	61.6	5:30p	0.1	0.5	0.00	0.2	7.0	1:00p	SSE
17	63.6	68.1	12:30p	55.3	5:30p	0.5	0.2	0.00	0.4	11.0	11:30a	S
18	50.6	53.6	2:30p	47.1	5:30p	2.4	0.0	0.00	0.4	9.0	2:30p	WSW
19	51.2	52.5	12:30p	48.2	5:30p	3.4	0.0	0.00	0.7	14.0	12:00p	SW
20	57.8	59.5	3:00p	53.6	5:30p	1.9	0.0	0.00	0.7	12.0	1:30p	SSE
21	60.9	65.0	2:00p	42.6	8:30a	1.5	0.0	0.00	0.3	6.0	1:30p	ESE
22	65.9	68.8	3:00p	56.9	10:00a	0.2	0.5	0.00	0.4	6.0	11:00a	E
23	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
24	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
25	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
26	64.8	65.8	2:00p	63.5	5:00p	0.0	0.0	0.00	0.3	7.0	3:00p	S
27	60.8	62.9	1:30p	56.9	5:30p	1.1	0.0	0.00	0.8	14.0	2:00p	NW
28	56.0	57.3	2:30p	53.3	5:00p	2.4	0.0	0.00	0.4	9.0	11:00a	NE
29	58.7	61.6	3:00p	54.1	9:30a	2.1	0.0	0.00	0.4	6.0	10:00a	NNE
30	59.0	60.9	2:30p	55.6	10:30a	1.4	0.0	0.00	0.2	5.0	11:00a	E
31	62.0	63.5	1:30p	59.9	11:00a	0.3	0.0	0.00	0.2	6.0	11:00a	SSE
	62.8	76.1	6	42.6	21	22.7	9.6	0.02	0.4	16.0	15	SSE

Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0
 Max Rain: 0.02 ON 10/13/22
 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 **NOVEMBER 2022**

NAME: CMREC CLARKSVILLE CITY: Ellicott City STATE: Maryland

ELEV: 318 ft LAT: 39 00' 00" N LONG: 76 00' 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	67.9	71.8	2:30p	58.9	7:30a	0.2	1.3	0.00	0.8	11.0	12:00p	WSW
2	65.7	68.1	1:00p	62.3	4:00p	0.1	0.3	0.00	0.1	5.0	11:00a	N
3	63.6	68.1	1:30p	49.4	7:30a	0.9	0.4	0.00	0.4	7.0	10:00a	E
4	69.3	72.1	1:00p	60.4	9:00a	0.1	1.4	0.00	0.5	9.0	12:30p	ESE
5	74.9	77.9	12:30p	69.8	8:30a	0.0	3.3	0.00	1.4	19.0	2:30p	ESE
6	73.6	74.2	2:00p	72.8	12:30p	0.0	0.5	0.00	0.2	9.0	12:30p	SSE
7	72.1	75.3	1:00p	63.1	7:30a	0.1	2.7	0.00	0.9	11.0	11:00a	WSW
8	55.3	57.6	1:00p	52.0	9:30a	2.8	0.0	0.00	0.9	12.0	10:00a	NW
9	55.1	57.0	12:00p	51.7	4:00p	2.5	0.0	0.00	0.3	5.0	10:30a	E
10	65.0	67.9	12:30p	56.0	9:00a	0.4	0.3	0.00	0.5	7.0	1:30p	E
11	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
12	66.2	69.1	1:30p	64.3	9:30a	0.0	0.3	0.00	0.4	10.0	9:30a	WSW
13	45.2	47.3	10:00a	42.8	4:00p	5.4	0.0	0.00	0.9	16.0	12:00p	WSW
14	45.1	46.8	2:00p	42.6	10:00a	5.0	0.0	0.00	0.4	9.0	12:00p	NNW
15	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
16	46.1	48.0	1:30p	43.5	3:30p	4.7	0.0	0.00	0.7	14.0	11:30a	WSW
17	39.7	41.2	12:30p	37.9	4:00p	4.8	0.0	0.00	0.7	18.0	1:00p	WSW
18	42.5	44.8	1:30p	40.5	10:00a	4.7	0.0	0.00	0.6	11.0	11:30a	SSW
19	39.1	43.3	2:30p	28.2	7:30a	9.2	0.0	0.00	0.7	12.0	11:30a	S
20	33.8	35.2	1:30p	31.5	10:00a	7.8	0.0	0.00	0.7	17.0	10:00a	WSW
21	42.4	45.5	2:30p	33.7	9:00a	6.6	0.0	0.00	0.6	11.0	1:30p	SSE
22	54.5	56.7	1:30p	49.4	4:00p	2.6	0.0	0.00	0.3	10.0	1:30p	S
23	57.3	59.8	2:00p	53.5	4:00p	2.1	0.0	0.00	0.5	10.0	10:30a	SW
24	55.5	58.6	1:30p	49.8	4:00p	2.6	0.0	0.00	0.3	6.0	1:00p	ESE
25	56.6	58.6	1:00p	52.6	4:00p	1.7	0.0	0.00	0.8	23.0	1:30p	WSW
26	56.4	58.1	2:00p	53.1	4:00p	1.6	0.0	0.00	0.4	10.0	12:30p	SW
27	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
28	50.4	52.0	11:00a	48.8	3:30p	3.6	0.0	0.00	0.5	11.0	10:30a	WSW
29	47.9	48.8	2:00p	46.1	4:00p	1.8	0.0	0.00	0.1	4.0	1:30p	ESE
30	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---

	55.4	77.9	5	28.2	19	71.3	10.5	0.00	0.5	23.0	25	WSW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 2

Min <= 0.0: 0

Max Rain: 0.00 ON 11/01/22

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 DECEMBER 2022

NAME: CMREC CLARKSVILLE

CITY: Ellicott City

STATE: Maryland

ELEV: 318 ft

LAT: 390 00' 00" N

LONG: 760 00' 00" W

DAY	TEMPERATURE (°F)		RAIN (in)		WIND SPEED (mph)		DOM DIR					
	MEAN	HIGH	HEAT DEG	COOL DEG	AVG WIND SPEED	HIGH						
1	39.9	41.8	2:00p	36.9	9:30a	6.8	0.0	0.25	0.7	12.0	12:30p	WSW
2	44.7	46.5	1:00p	40.8	10:00a	5.1	0.0	0.00	0.4	7.0	1:00p	ESE
3	60.4	62.3	2:00p	56.7	11:30a	0.9	0.0	0.00	0.7	18.0	12:30p	S
4	43.5	44.9	1:30p	40.1	4:00p	3.1	0.0	0.00	0.1	4.0	1:00p	SW
5	46.0	48.2	1:30p	41.5	4:00p	4.0	0.0	0.00	0.4	9.0	11:30a	ESE
6	47.8	50.7	12:00m	45.8	4:30p	7.5	0.0	0.02	0.2	5.0	10:30p	ESE
7	51.9	54.7	1:30p	48.2	12:00m	13.1	0.0	0.01	0.1	4.0	12:30p	SSE
8	45.8	55.3	11:00a	36.8	6:30a	17.6	0.0	0.01	0.7	9.0	11:00a	NNW
9	35.6	47.6	12:30p	24.1	12:00m	29.4	0.0	0.00	0.4	4.0	8:30a	N
10	33.3	42.5	12:30p	20.8	5:30a	27.8	0.0	0.00	0.1	3.0	8:00a	N
11	37.4	42.2	2:30p	29.8	9:00p	27.6	0.0	0.04	0.1	3.0	1:00a	NE
12	38.0	41.5	11:30a	31.2	12:00m	27.0	0.0	0.00	0.6	5.0	2:30p	NNW
13	29.3	39.8	1:30p	18.4	12:00m	35.7	0.0	0.00	0.5	5.0	11:30a	NW
14	28.6	37.9	1:30p	16.5	3:30a	36.4	0.0	0.01	0.2	3.0	8:30a	NW
15	38.3	46.7	10:00p	31.9	4:30a	26.7	0.0	1.91	0.9	9.0	7:00p	NE
16	39.9	49.1	11:00a	29.3	12:00m	25.1	0.0	0.06	1.1	14.0	11:30a	WSW
17	36.9	43.3	1:00p	28.8	1:00a	28.1	0.0	0.00	0.7	11.0	10:00a	WSW
18	33.7	39.2	2:00p	28.7	9:30p	31.3	0.0	0.00	1.2	13.0	2:00p	WSW
19	30.6	39.1	1:00p	21.3	6:30a	34.4	0.0	0.00	1.1	13.0	1:00p	WSW
20	29.3	38.9	2:00p	20.3	12:00m	35.7	0.0	0.00	0.4	7.0	11:00a	WSW
21	28.6	44.3	1:30p	17.2	6:30a	36.4	0.0	0.00	0.0	3.0	12:00p	S
22	41.2	53.2	11:00p	25.1	12:30a	22.4	0.0	1.39	1.0	11.0	5:00p	NE
23	23.9	53.2	12:30a	6.1	12:00m	41.1	0.0	0.35	2.5	29.0	11:00a	WSW
24	10.1	16.9	2:00p	4.1	5:30a	54.9	0.0	0.00	1.1	17.0	11:30a	SW
25	17.6	29.5	2:00p	6.5	6:30a	47.4	0.0	0.00	0.4	10.0	12:30p	SW
26	22.1	31.2	2:00p	9.9	6:30a	42.9	0.0	0.00	0.2	4.0	11:00a	SSW
27	29.7	42.2	2:00p	19.5	12:00m	30.9	0.0	0.00	0.1	5.0	11:00a	SW
28	30.0	49.6	2:00p	17.0	4:30a	35.0	0.0	0.00	0.2	5.0	11:30a	ESE
29	33.8	57.2	2:00p	19.2	7:00a	31.2	0.0	0.00	0.0	3.0	11:00a	SE
30	39.1	61.3	12:00p	26.1	2:00a	25.9	0.0	0.00	0.1	3.0	11:30a	ESE
31	46.2	55.3	7:30p	31.0	12:30a	18.8	0.0	0.32	0.0	3.0	8:00p	ESE

	35.9	62.3	3	4.1	24	810.2	0.0	4.37	0.5	29.0	23	WSW

Max >= 90.0: 0

Max <= 32.0: 3

Min <= 32.0: 23

Min <= 0.0: 0

Max Rain: 1.91 ON 12/15/22

Days of Rain: 8 (>.01 in) 5 (>.1 in) 2 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration