

C_2019_01.txt
MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2019

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	51.1	59.9	8:00a	36.6	11:30p	13.9	0.0	0.00	4.1	26.0	1:00p	W
2	41.5	43.8	12:30p	36.5	12:30a	23.5	0.0	0.00	0.8	10.0	4:00a	ESE
3	39.3	46.1	10:30a	27.5	11:30p	25.7	0.0	0.00	1.1	17.0	12:00p	SW
4	38.0	46.7	1:30p	26.4	4:00a	27.0	0.0	0.04	0.2	9.0	1:00p	ESE
5	45.3	49.5	4:00p	42.6	7:30a	19.7	0.0	0.05	2.3	19.0	12:30p	WSW
6	43.6	51.3	12:30p	29.7	12:00m	21.4	0.0	0.00	3.4	26.0	11:00a	W
7	31.8	35.5	11:30p	26.1	2:00a	33.2	0.0	0.04	0.9	11.0	10:30p	ESE
8	41.3	52.5	2:30p	30.6	7:00a	23.7	0.0	0.20	0.8	29.0	12:00m	ESE
9	38.2	46.1	12:30a	27.8	10:00p	26.8	0.0	0.00	6.5	26.0	3:00p	WSW
10	29.4	33.8	12:30p	25.7	12:00m	35.6	0.0	0.00	8.5	30.0	10:30a	W
11	27.5	34.7	2:00p	21.0	10:00p	37.5	0.0	0.00	3.4	21.0	9:30a	W
12	26.9	33.5	12:30p	20.0	3:30a	38.1	0.0	0.00	0.4	6.0	3:30p	ESE
13	27.0	29.3	12:30p	25.6	4:30a	38.0	0.0	0.02	0.7	10.0	1:00p	NNW
14	23.1	34.6	2:30p	6.9	12:00m	41.9	0.0	0.26	0.2	9.0	8:30a	WNW
15	18.7	34.7	2:00p	3.4	6:00a	46.3	0.0	0.03	0.8	12.0	11:00a	WSW
16	27.3	38.3	1:00p	8.1	5:30a	37.7	0.0	0.00	1.3	13.0	1:00p	WSW
17	31.9	34.3	12:30a	29.8	6:30p	33.1	0.0	0.00	0.7	10.0	10:30a	ENE
18	33.8	43.5	1:30p	26.6	12:00m	31.2	0.0	0.09	0.1	9.0	2:00p	WSW
19	33.9	37.2	12:00m	27.9	12:30a	31.1	0.0	0.84	1.4	12.0	3:30p	ENE
20	29.9	42.8	3:30a	12.4	12:00m	35.1	0.0	0.23	7.3	32.0	9:30p	W
21	14.1	18.9	2:30p	10.5	4:30a	50.9	0.0	0.00	7.8	33.0	11:30a	W
22	21.9	32.9	2:00p	9.2	6:30a	43.1	0.0	0.00	0.6	9.0	2:00p	ESE
23	38.3	48.9	3:00p	25.7	2:00a	26.7	0.0	0.00	0.9	16.0	11:00a	ESE
24	45.5	58.7	9:30a	30.9	12:00m	19.5	0.0	0.86	4.3	27.0	3:30p	ESE
25	31.9	37.8	12:00p	21.8	11:00p	33.1	0.0	0.00	4.2	28.0	12:30p	WSW
26	27.0	37.6	3:30p	16.9	5:30a	36.4	0.0	0.00	0.3	9.0	12:30p	ESE
27	33.4	45.8	2:30p	20.2	2:00a	31.6	0.0	0.00	0.9	14.0	9:00a	S
28	27.8	35.3	3:00p	21.8	9:00p	37.2	0.0	0.00	1.3	12.0	1:00a	NW
29	29.9	36.5	11:30a	19.9	12:00m	35.1	0.0	0.06	0.4	6.0	10:30a	ESE
30	14.2	31.2	11:30a	2.6	12:00m	50.8	0.0	0.03	3.8	26.0	12:00p	W
31	8.1	19.2	4:00p	-1.2	6:00a	56.9	0.0	0.00	2.0	16.0	10:00a	W
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	31.3	59.9	1	-1.2	31	1041.8	0.0	2.75	2.3	33.0	21	W

Max >= 90.0: 0

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Max <= 32.0: 4

Min <= 32.0: 28

Min <= 0.0: 1

Max Rain: 0.86 ON 01/24/19

Days of Rain: 13 (>.01 in) 5 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for FEB. 2019

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	14.1	20.2	2:00p	3.2	12:30a	50.9	0.0	0.01	0.3	6.0	10:30a	NNE
2	19.9	37.6	2:30p	2.0	6:00a	45.1	0.0	0.05	0.3	9.0	11:00a	SSE
3	31.9	50.2	1:30p	17.2	6:00a	33.1	0.0	0.00	0.2	6.0	2:00p	E
4	38.3	59.9	2:00p	25.1	6:30a	26.7	0.0	0.00	0.0	4.0	11:30a	ESE
5	46.9	67.9	2:30p	29.0	12:30a	18.4	0.2	0.00	1.0	16.0	12:30p	W
6	41.2	49.4	11:00a	30.3	6:30a	23.8	0.0	0.14	0.8	10.0	9:00a	E
7	46.2	53.1	2:30p	40.9	2:30a	18.8	0.0	0.01	0.5	7.0	12:30p	E
8	42.7	54.2	11:30a	30.0	12:00m	22.3	0.0	0.02	5.1	28.0	12:30p	W
9	26.4	33.2	2:30p	17.8	12:00m	38.6	0.0	0.00	3.9	23.0	1:30a	WNW
10	27.4	37.3	1:30p	14.6	6:00a	37.6	0.0	0.00	0.3	10.0	1:00p	ENE
11	31.5	32.2	11:00a	29.4	12:30a	33.5	0.0	0.24	0.0	2.0	7:00a	ENE
12	32.7	34.1	4:30p	31.0	4:00a	32.3	0.0	0.60	0.3	11.0	1:30p	ENE
13	37.0	42.8	1:30p	29.7	11:00p	28.0	0.0	0.05	4.3	22.0	2:00p	WSW
14	39.5	50.8	2:30p	25.0	6:00a	25.5	0.0	0.00	1.1	12.0	1:00a	ESE
15	53.9	65.2	12:30p	39.8	12:30a	11.1	0.0	0.00	4.1	24.0	2:30p	SSW
16	35.9	44.3	12:30a	23.8	12:00m	29.1	0.0	0.00	3.0	18.0	1:00a	WNW
17	31.1	37.6	3:00p	22.2	6:00a	33.9	0.0	0.22	1.2	12.0	6:00p	ESE
18	37.6	44.9	11:00a	30.3	12:00m	27.4	0.0	0.19	4.4	29.0	11:00a	W
19	30.9	37.9	2:00p	24.4	6:30a	34.1	0.0	0.00	2.3	14.0	1:30a	WNW
20	29.8	31.6	11:00p	26.9	8:00a	35.2	0.0	0.07	0.7	10.0	12:30p	E
21	42.7	54.2	3:30p	31.3	7:00a	22.3	0.0	0.39	1.5	24.0	1:00p	WSW
22	40.8	47.1	12:30a	32.4	12:00m	24.2	0.0	0.00	0.3	6.0	12:30a	W
23	35.4	39.1	11:30a	31.8	4:30a	29.6	0.0	0.12	0.7	7.0	8:30a	E
24	42.7	54.7	5:00p	35.3	2:30a	22.3	0.0	0.53	4.8	35.0	8:30p	WSW
25	39.1	44.8	3:00p	34.3	12:00m	25.9	0.0	0.00	9.2	37.0	10:00a	WSW
26	36.6	48.3	2:00p	23.9	6:00a	26.6	0.0	0.00	1.9	15.0	11:30a	WSW
27	31.2	35.9	4:00p	23.2	5:00a	33.8	0.0	0.00	1.6	12.0	10:30a	ESE
28	37.4	43.3	2:30p	33.2	12:30a	27.6	0.0	0.00	2.6	18.0	8:30a	NNW
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	35.7	67.9	5	2.0	2	817.7	0.2	2.64	2.0	37.0	25	WSW

Max >= 90.0: 0
 Max <= 32.0: 2
 Min <= 32.0: 22
 Min <= 0.0: 0
 Max Rain: 0.60 ON 02/12/19
 Days of Rain: 12 (>.01 in) 8 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for MAR. 2019

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	31.8	34.4	12:30a	29.7	3:00a	33.2	0.0	0.55	1.6	11.0	12:30a	ENE
2	37.6	43.2	2:30p	32.2	3:00a	27.4	0.0	0.11	1.5	19.0	3:00p	WSW
3	35.5	40.3	12:30a	32.5	3:00p	29.5	0.0	0.61	0.9	10.0	8:30p	E
4	32.3	36.8	2:30p	25.8	12:00m	32.7	0.0	0.08	5.3	22.0	1:00p	W
5	28.5	38.9	3:30p	20.5	5:30a	36.5	0.0	0.00	3.6	23.0	8:30p	WSW
6	22.1	28.1	3:00p	16.9	11:30p	42.9	0.0	0.00	4.8	22.0	1:30p	WSW
7	28.4	38.8	3:30p	15.4	1:30a	36.6	0.0	0.00	2.2	18.0	11:00a	WSW
8	30.7	38.0	12:00p	21.0	5:30a	34.3	0.0	0.04	0.5	11.0	9:30a	ESE
9	35.7	40.6	2:00p	31.8	5:00a	29.3	0.0	0.24	0.8	9.0	10:30p	ESE
10	42.6	53.9	4:00p	35.6	2:00a	22.4	0.0	0.36	0.6	11.0	10:30a	ESE
11	48.4	59.5	3:00p	33.8	6:00a	16.6	0.0	0.00	3.3	21.0	1:00p	WSW
12	38.4	48.3	3:00p	26.6	11:30p	26.6	0.0	0.00	2.8	18.0	1:30p	W
13	41.3	57.6	1:30p	22.4	5:00a	23.7	0.0	0.00	1.2	13.0	1:30p	ESE
14	53.7	71.8	2:30p	33.4	5:30a	12.1	0.8	0.00	1.3	15.0	2:30p	ESE
15	66.0	76.3	3:00p	49.2	12:00m	2.4	3.3	0.00	5.0	25.0	12:00m	S
16	44.1	50.7	2:00p	32.4	12:00m	20.9	0.0	0.00	5.9	24.0	1:00p	WNW
17	37.8	48.6	1:30p	24.7	5:00a	27.2	0.0	0.00	2.2	18.0	10:30a	WSW
18	37.6	48.2	3:00p	27.5	12:00m	27.4	0.0	0.00	0.8	11.0	2:30p	E
19	35.7	49.8	2:00p	21.9	5:00a	29.3	0.0	0.00	0.8	13.0	1:30p	W
20	40.0	52.0	2:30p	23.0	5:30a	25.0	0.0	0.00	1.2	11.0	2:30p	ESE
21	42.7	45.5	3:30p	40.2	12:00m	22.3	0.0	2.24	4.2	21.0	6:30p	WNW
22	42.3	49.8	12:30p	35.2	12:00m	22.7	0.0	0.03	8.4	30.0	11:30a	W
23	39.6	50.2	3:00p	30.4	10:30p	25.4	0.0	0.00	6.1	27.0	2:00p	W
24	46.6	64.0	1:30p	25.3	5:00a	18.4	0.0	0.00	1.3	16.0	2:00p	S
25	47.1	59.5	9:00a	38.8	11:30p	17.9	0.0	0.00	2.0	14.0	1:30p	NNE
26	37.6	46.8	2:30p	25.3	11:30p	27.4	0.0	0.00	3.5	16.0	9:00a	NNW
27	37.3	51.0	2:00p	21.4	5:00a	27.7	0.0	0.00	1.0	11.0	3:30p	ENE
28	45.6	61.3	3:00p	25.6	5:30a	19.4	0.0	0.00	1.4	17.0	1:00p	ESE
29	53.5	67.9	2:30p	39.9	5:00a	11.7	0.2	0.00	0.4	10.0	12:00p	ESE
30	62.1	74.6	4:00p	43.6	1:30a	5.7	2.9	0.00	1.7	18.0	3:30p	ESE
31	48.8	63.9	12:30a	31.2	12:00m	16.2	0.0	0.03	6.6	27.0	7:30a	W
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	41.0	76.3	15	15.4	7	750.8	7.2	4.29	2.7	30.0	22	W

Max >= 90.0: 0
 Max <= 32.0: 1
 Min <= 32.0: 19

Min <= 0.0: 0
Max Rain: 2.24 ON 03/21/19
Days of Rain: 10 (>.01 in) 6 (>.1 in) 1 (>1 in)
Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for APR. 2019

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	35.8	46.7	3:30p	26.6	12:00m	29.2	0.0	0.00	3.5	27.0	12:30a	W
2	38.8	47.3	9:00a	25.1	5:00a	26.2	0.0	0.00	0.9	11.0	12:30p	ESE
3	49.1	67.3	2:30p	27.9	5:30a	16.1	0.2	0.00	4.2	27.0	1:00p	WSW
4	50.8	64.7	11:30a	35.2	1:00a	14.2	0.0	0.00	0.8	13.0	10:30a	SW
5	45.0	50.2	3:00a	41.5	11:30p	20.0	0.0	0.05	2.3	14.0	5:00a	ESE
6	51.6	66.9	3:00p	41.3	12:30a	13.5	0.2	0.00	0.6	11.0	12:00p	NNW
7	56.5	70.9	2:00p	38.6	6:00a	9.1	0.9	0.01	1.5	12.0	2:00p	ESE
8	66.5	80.3	1:00p	53.6	4:30a	2.8	4.4	0.00	2.8	21.0	1:00p	SW
9	66.3	77.6	4:30p	55.9	6:30a	2.3	3.5	0.00	3.4	20.0	3:30p	SW
10	53.8	66.4	2:30p	37.8	6:00a	11.2	0.1	0.00	2.1	25.0	1:00p	W
11	49.7	56.7	3:30p	41.3	6:00a	15.3	0.0	0.00	2.9	14.0	10:30a	E
12	57.6	70.8	11:30a	46.0	12:30a	7.7	0.4	0.26	1.0	13.0	11:30a	ESE
13	66.0	75.1	2:30p	59.0	12:00m	1.7	2.7	0.28	0.3	9.0	1:30a	S
14	64.9	73.9	4:00p	53.1	4:00a	3.1	3.0	0.11	1.4	16.0	11:00p	ESE
15	52.3	72.0	12:30a	43.2	11:00p	13.0	0.2	0.16	7.5	40.0	12:30p	WSW
16	51.7	66.9	5:00p	34.9	6:00a	13.4	0.1	0.00	2.3	16.0	8:30a	SSW
17	54.4	63.4	2:30p	43.1	3:00a	10.6	0.0	0.00	2.2	16.0	5:30p	E
18	64.0	78.1	5:30p	52.0	1:30a	4.9	3.9	0.00	1.2	16.0	4:00p	E
19	67.7	73.2	11:30a	64.8	6:00a	0.0	2.7	0.53	2.5	21.0	12:30a	ESE
20	65.5	72.0	1:30p	58.1	12:00m	1.3	1.8	0.01	3.0	19.0	1:30p	ESE
21	58.2	67.6	3:00p	46.8	6:00a	7.0	0.2	0.00	0.9	11.0	9:30a	W
22	58.5	70.1	4:30p	48.2	12:00m	7.2	0.8	0.00	2.8	19.0	11:30a	WNW
23	64.1	81.4	3:00p	44.5	5:30a	6.1	5.2	0.00	0.5	14.0	4:30p	ESE
24	62.3	72.7	4:00p	51.1	10:30p	4.3	1.6	0.00	2.2	18.0	11:30a	W
25	61.7	73.2	3:00p	51.4	2:30a	4.8	1.5	0.15	0.4	10.0	1:00p	E
26	59.1	74.0	1:30p	53.1	12:00m	6.6	0.7	0.15	2.9	24.0	2:30p	ESE
27	57.7	66.9	3:30p	48.6	3:30a	7.5	0.2	0.04	5.6	32.0	9:30a	WSW
28	53.9	69.8	1:30p	41.6	12:00m	11.5	0.3	0.05	2.2	22.0	4:30p	NNW
29	49.7	61.3	3:00p	34.1	5:30a	15.3	0.0	0.00	1.4	11.0	8:00a	ESE
30	63.8	77.9	3:30p	48.0	5:30a	4.8	3.6	0.12	1.2	13.0	12:00p	NW
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	56.6	81.4	23	25.1	2	290.7	38.2	1.92	2.2	40.0	15	ESE

Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 3
 Min <= 0.0: 0
 Max Rain: 0.53 ON 04/19/19
 Days of Rain: 11 (>.01 in) 8 (>.1 in) 0 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for MAY. 2019

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	57.9	61.6	5:00p	55.1	6:30a	7.2	0.0	0.00	1.4	12.0	1:30a	E
2	67.3	85.9	2:00p	57.8	5:30a	2.5	4.8	0.02	0.4	12.0	3:00p	SE
3	63.6	73.5	4:30p	58.6	2:30a	2.6	1.2	0.18	0.6	12.0	9:30p	ENE
4	65.4	73.2	2:30p	60.5	2:00a	1.5	1.9	0.17	0.0	7.0	9:00p	ENE
5	59.4	63.1	12:30a	55.3	9:00p	5.6	0.0	0.66	0.9	13.0	3:00p	ENE
6	63.6	76.1	5:00p	53.8	1:30a	4.3	2.8	0.00	0.6	11.0	5:30p	SW
7	65.9	81.1	3:30p	52.5	3:00a	4.3	5.2	0.00	0.4	16.0	2:30p	ESE
8	61.0	64.2	10:30a	55.9	3:30a	4.0	0.0	0.00	0.7	10.0	6:00p	ENE
9	63.7	72.0	5:00p	58.1	4:00a	2.6	1.3	0.00	0.9	13.0	6:30p	E
10	68.2	79.4	1:30p	60.5	3:30a	0.9	4.1	1.07	1.1	17.0	8:00p	ESE
11	59.6	63.9	1:00p	54.7	8:30p	5.4	0.0	0.36	0.6	10.0	7:30a	NNW
12	51.3	56.9	1:30a	46.1	12:00m	13.7	0.0	0.64	2.7	16.0	9:30a	ENE
13	48.7	53.1	4:30p	45.7	1:00a	16.3	0.0	0.41	0.6	12.0	10:30a	NE
14	50.7	58.3	3:00p	42.1	5:30a	14.3	0.0	0.10	2.5	18.0	2:00p	WSW
15	59.1	71.6	4:00p	43.6	5:00a	7.2	1.3	0.00	2.6	17.0	1:00p	SW
16	61.3	76.5	4:30p	48.0	2:30a	6.2	2.5	0.02	1.1	15.0	12:00p	WSW
17	65.8	80.1	2:30p	48.6	5:00a	4.4	5.3	0.01	1.4	14.0	3:30p	SW
18	69.3	81.8	3:00p	59.5	4:00a	1.2	5.5	0.25	0.5	15.0	7:30p	E
19	74.9	88.0	2:30p	57.8	5:30a	1.3	11.3	0.00	0.9	13.0	4:00p	ESE
20	77.4	85.3	1:30p	67.3	12:00m	0.0	12.4	0.04	2.4	16.0	10:30a	SSW
21	61.4	69.3	4:00p	49.6	12:00m	4.3	0.7	0.00	1.8	16.0	8:30a	W
22	60.2	72.5	4:30p	44.3	5:00a	6.4	1.6	0.00	0.4	14.0	3:00p	E
23	68.4	83.4	1:30p	54.7	4:30a	2.4	5.8	0.25	0.4	23.0	3:00p	S
24	71.6	80.5	4:30p	59.0	11:30p	0.5	7.1	0.00	2.9	20.0	10:30a	W
25	68.5	77.9	3:30p	59.2	1:30a	0.9	4.4	0.00	1.2	13.0	11:00p	ESE
26	75.0	86.7	3:00p	61.2	4:30a	0.3	10.3	0.09	1.2	13.0	11:00a	WSW
27	71.8	81.8	5:00p	62.9	11:30p	0.2	7.1	0.00	0.6	10.0	1:30p	NNW
28	75.0	89.0	4:00p	61.0	2:00a	0.6	10.6	0.01	1.4	14.0	12:30p	SSW
29	77.1	90.5	2:00p	62.7	5:30a	0.2	12.2	0.00	2.1	22.0	5:30p	SW
30	73.3	85.7	1:00p	65.5	5:30a	0.0	8.3	0.62	1.5	40.0	2:30p	SW
31	72.5	82.8	4:30p	63.1	5:30a	0.1	7.6	0.00	1.5	17.0	8:00a	WSW
--												
	65.4	90.5	29	42.1	14	121.4	135.3	4.90	1.2	40.0	30	ENE

Max >= 90.0: 1
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0

Max Rain: 1.07 ON 05/10/19

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JUN. 2019

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	71.5	83.8	4:00p	59.5	5:30a	1.1	7.6	0.00	0.5	15.0	10:30p	NW
2	69.1	82.0	3:30p	59.3	4:30a	1.3	5.4	0.10	1.0	12.0	11:00a	SW
3	61.6	70.8	3:00p	48.6	12:00m	5.0	1.6	0.00	2.2	20.0	11:00a	W
4	61.3	75.3	3:30p	42.5	5:00a	6.4	2.7	0.00	0.9	13.0	2:30p	SW
5	69.8	80.3	1:00p	54.1	4:30a	2.3	7.1	0.06	0.9	13.0	2:00p	SSW
6	75.4	85.9	4:30p	66.8	4:30a	0.0	10.4	0.04	1.0	12.0	10:00a	WSW
7	72.5	80.9	12:30p	65.0	12:00m	0.0	7.5	0.00	0.3	10.0	11:00a	ENE
8	71.7	80.7	2:30p	60.9	5:30a	0.6	7.3	0.00	1.9	14.0	12:00p	E
9	67.6	74.9	11:00a	62.1	8:30p	0.6	3.1	0.03	2.4	19.0	12:30p	ENE
10	66.6	74.0	4:30p	60.5	2:30a	1.3	2.9	0.21	0.6	10.0	1:00a	NE
11	67.6	77.2	3:30p	56.0	12:00m	1.5	4.1	0.00	3.2	19.0	4:00a	W
12	64.9	76.0	2:30p	53.3	5:00a	3.2	3.2	0.08	1.1	13.0	1:30p	E
13	63.9	76.7	4:00p	56.6	10:30p	2.4	1.3	0.56	0.8	12.0	5:30p	E
14	62.8	74.0	4:30p	52.0	12:00m	4.4	2.2	0.01	3.5	26.0	12:30p	WSW
15	66.5	82.4	3:00p	48.2	5:00a	4.2	5.7	0.00	0.9	13.0	10:30a	SSW
16	75.4	85.3	5:00p	65.2	5:30a	0.0	10.4	0.00	0.9	13.0	12:00p	S
17	78.9	87.4	2:30p	71.5	4:00a	0.0	7.2	0.12	0.4	17.0	3:00a	WSW
18	80.5	83.0	1:30p	74.6	8:00p	0.0	6.1	0.00	1.2	16.0	2:00p	WSW
19	81.9	86.7	4:00p	75.4	9:00p	0.0	7.0	0.16	0.2	11.0	2:30p	SE
20	80.3	87.2	2:30p	70.6	12:00m	0.0	10.5	0.00	1.6	21.0	4:30p	SSW
21	73.5	80.1	4:00p	65.3	11:30p	0.0	8.5	0.01	4.3	27.0	8:30a	W
22	68.3	79.6	5:00p	54.5	4:00a	2.4	5.7	0.00	1.2	16.0	11:00a	W
23	68.9	83.0	4:00p	52.0	5:30a	3.3	7.2	0.00	1.0	12.0	3:30p	WSW
24	74.1	88.6	2:00p	57.2	4:00a	1.7	10.8	0.00	0.3	10.0	1:00p	S
25	76.4	86.1	3:00p	65.0	12:00m	0.0	10.9	0.16	1.8	15.0	11:30a	WSW
26	75.6	89.7	4:30p	60.1	5:00a	0.7	11.3	0.00	1.3	13.0	12:30p	SW
27	77.7	92.7	2:30p	64.7	5:00a	0.0	12.7	0.00	0.5	10.0	12:00p	W
28	78.9	92.7	3:30p	65.0	5:00a	0.0	13.9	0.00	0.9	9.0	1:00p	WSW
29	78.2	92.5	2:30p	66.0	5:30a	0.0	13.2	0.07	1.6	22.0	3:30p	WSW
30	77.8	88.6	2:00p	63.4	12:00m	0.0	12.8	0.01	3.1	22.0	1:00p	W
--												
	72.0	92.7	27	42.5	4	42.4	220.3	1.62	1.4	27.0	21	WSW

Max >= 90.0: 3
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0
 Max Rain: 0.56 ON 06/13/19
 Days of Rain: 11 (>.01 in) 5 (>.1 in) 0 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JULY 2019

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	71.1	84.9	6:30p	56.3	5:30a	1.8	7.9	0.00	0.9	14.0	12:30p	WSW
2	74.3	93.6	3:30p	57.8	5:00a	1.4	10.7	0.22	1.8	23.0	6:30p	SSW
3	78.4	89.0	3:00p	68.4	3:30a	0.0	13.4	0.01	0.8	14.0	10:00a	WNW
4	75.2	90.1	10:30a	68.8	5:00a	0.0	10.2	1.04	0.2	7.0	11:30a	SSW
5	78.8	90.3	2:00p	72.1	1:00a	0.0	13.8	0.02	0.3	9.0	2:00p	ESE
6	79.4	91.6	3:00p	69.4	5:30a	0.0	14.4	0.26	1.4	19.0	7:30p	WSW
7	76.4	86.5	2:00p	69.8	3:30a	0.0	11.4	0.24	0.2	6.0	7:30a	N
8	71.4	76.5	6:00p	63.5	12:00m	0.1	6.4	1.16	1.0	15.0	11:30a	ENE
9	73.8	86.5	5:00p	60.4	5:00a	0.8	9.6	0.01	0.2	7.0	1:30p	SE
10	75.9	87.4	2:00p	63.4	5:00a	0.1	11.0	0.00	0.5	11.0	1:00p	S
11	75.0	86.1	12:30p	66.9	3:00a	0.0	10.0	0.71	0.4	13.0	3:00p	S
12	76.7	87.4	4:30p	67.4	12:00m	0.0	11.7	0.01	1.5	13.0	3:00p	W
13	75.4	87.2	6:30p	62.4	5:30a	0.2	10.6	0.00	1.2	11.0	9:30a	WSW
14	77.6	89.7	4:00p	65.0	3:00a	0.0	12.6	0.00	1.5	14.0	1:00p	W
15	74.7	87.2	5:00p	59.9	5:00a	0.6	10.4	0.00	0.3	10.0	3:30p	SSW
16	79.3	93.2	3:00p	63.4	5:00a	0.1	14.5	0.00	0.3	9.0	12:30p	W
17	80.2	95.1	2:00p	71.6	5:30a	0.0	15.2	0.33	0.8	30.0	4:30p	S
18	80.1	89.3	7:00p	72.5	12:30a	0.0	15.1	0.01	1.1	12.0	1:30p	WSW
19	82.5	94.5	5:30p	69.6	5:00a	0.0	17.5	0.00	0.9	17.0	11:30a	SSW
20	83.8	95.4	3:30p	72.1	5:00a	0.0	18.8	0.00	0.9	11.0	10:00a	SW
21	84.1	97.1	5:00p	73.5	5:30a	0.0	19.1	0.00	1.6	22.0	7:30p	SSW
22	78.4	92.1	2:00p	69.6	5:30a	0.0	13.4	0.00	0.8	28.0	2:30p	WSW
23	70.3	75.6	2:00p	66.4	2:30a	0.0	5.3	0.31	0.5	14.0	3:00a	W
24	70.9	81.2	4:00p	61.0	5:00a	0.7	6.6	0.00	0.4	10.0	4:30p	NNW
25	71.0	83.4	2:00p	57.2	5:00a	1.8	7.8	0.00	0.4	9.0	3:00p	NNW
26	72.8	87.6	3:30p	58.1	5:00a	1.5	9.3	0.00	0.1	6.0	11:30a	ENE
27	75.0	90.3	4:30p	59.0	5:30a	1.1	11.1	0.00	0.4	10.0	11:00a	S
28	77.5	90.7	2:30p	62.9	5:30a	0.1	12.6	0.00	1.0	11.0	11:30a	SW
29	79.1	92.9	4:30p	65.2	5:00a	0.0	14.1	0.00	0.7	11.0	12:30p	WSW
30	80.1	97.3	3:30p	65.6	5:30a	0.0	15.1	0.00	0.9	10.0	11:30a	S
31	75.1	83.8	11:30a	66.9	4:00a	0.0	10.1	0.00	0.5	9.0	1:30p	WSW
--												
	76.6	97.3	30	56.3	1	10.3	369.7	4.33	0.8	30.0	17	WSW

Max >= 90.0: 14
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0
 Max Rain: 1.16 ON 07/08/19
 Days of Rain: 9 (>.01 in) 8 (>.1 in) 2 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for AUG 2019

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	75.9	90.1	1:30p	62.9	6:00a	0.1	11.0	0.00	0.5	11.0	2:30p	ENE
2	75.8	87.8	2:30p	67.1	2:30a	0.0	10.8	0.00	0.6	12.0	2:30p	ESE
3	76.8	89.7	2:30p	64.8	5:00a	0.0	11.8	0.03	0.7	14.0	10:30p	ESE
4	76.2	89.3	3:30p	66.1	12:00m	0.0	11.2	0.01	0.9	12.0	11:30a	SW
5	73.2	86.5	1:30p	63.2	4:00a	0.2	8.4	0.04	0.5	14.0	5:00p	ENE
6	75.9	91.8	3:00p	64.5	6:00a	0.0	10.9	0.00	0.6	12.0	6:00p	ESE
7	73.2	90.7	12:30p	64.2	5:00a	0.0	8.3	0.70	0.9	25.0	1:30p	WSW
8	76.3	88.6	5:00p	63.5	4:30a	0.1	11.3	0.01	2.1	14.0	2:00p	WSW
9	75.2	87.2	2:00p	61.8	12:00m	0.2	10.4	0.00	2.1	16.0	1:00p	WSW
10	69.8	82.6	4:00p	55.1	5:00a	2.1	6.9	0.00	1.4	13.0	3:30p	SW
11	69.0	83.4	4:00p	55.7	5:30a	2.7	6.8	0.00	0.7	12.0	12:30p	WNW
12	73.9	91.4	4:00p	55.0	5:30a	2.3	11.2	0.00	0.8	12.0	1:30p	S
13	75.1	82.4	3:00p	69.6	3:00a	0.0	10.1	0.12	0.1	6.0	11:00a	WSW
14	76.3	85.1	4:30p	69.9	11:30p	0.0	11.3	0.01	0.6	12.0	12:00p	NNW
15	75.0	84.0	1:30p	68.3	3:00a	0.0	10.0	0.00	0.5	7.0	10:30a	ENE
16	76.4	87.0	1:30p	67.9	2:00a	0.0	11.4	0.00	0.3	6.0	3:30p	E
17	78.7	92.5	4:00p	69.1	1:30a	0.0	13.7	0.00	0.6	9.0	2:00p	E
18	78.8	93.4	12:30p	67.1	5:30a	0.0	13.8	0.11	0.7	18.0	8:30p	E
19	79.4	93.4	3:00p	66.3	6:00a	0.0	14.4	0.00	1.0	11.0	1:00p	WSW
20	79.2	94.0	2:30p	68.8	5:30a	0.0	14.2	0.01	0.7	14.0	7:00p	E
21	77.4	91.8	3:00p	66.3	5:30a	0.0	12.4	0.00	1.3	15.0	5:00p	SSW
22	78.5	91.8	3:30p	66.4	6:00a	0.0	13.5	1.29	1.5	21.0	7:30p	WSW
23	66.6	70.4	6:00a	61.5	12:00m	0.3	2.0	0.16	0.4	7.0	3:00p	NNW
24	65.6	76.7	1:30p	54.8	5:30a	2.6	3.3	0.00	0.7	10.0	8:30a	NNW
25	66.2	76.5	4:00p	57.2	12:00m	2.5	3.6	0.00	1.3	14.0	9:30a	ENE
26	65.0	75.1	12:00p	54.1	5:30a	2.9	2.9	0.00	1.2	10.0	10:30a	ENE
27	67.6	79.6	4:00p	59.2	5:30a	1.6	4.2	0.00	0.4	9.0	2:00p	ESE
28	68.2	79.4	2:30p	60.1	12:00m	0.9	4.0	0.19	0.1	14.0	3:30p	E
29	67.5	80.1	3:30p	54.8	6:00a	2.9	5.4	0.01	1.5	14.0	12:30p	W
30	70.1	87.6	4:00p	52.5	5:30a	3.2	8.3	0.00	0.9	11.0	11:00a	SSW
31	71.7	83.6	2:00p	60.1	5:30a	1.0	7.7	0.00	0.9	10.0	10:30a	NNW
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	73.4	94.0	20	52.5	30	25.6	285.2	2.69	0.9	25.0	7	WSW

Max >= 90.0: 10
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0
 Max Rain: 1.29 ON 08/22/19
 Days of Rain: 8 (>.01 in) 6 (>.1 in) 1 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for SEPT 2019

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	71.2	78.8	4:00p	62.9	6:00a	0.3	6.6	0.00	0.7	9.0	10:00a	E
2	74.8	86.7	3:00p	66.6	12:00m	0.0	9.8	0.00	1.3	13.0	5:00p	S
3	72.3	86.1	4:00p	60.9	6:00a	0.7	8.0	0.00	0.5	7.0	10:30a	NE
4	77.0	91.2	3:30p	61.2	3:00a	0.5	12.5	0.00	1.6	17.0	10:30a	SSW
5	70.4	77.7	2:30p	65.8	6:30a	0.0	5.4	0.00	1.1	12.0	11:30a	NNW
6	65.1	70.8	4:00p	57.2	11:00p	1.3	1.4	0.00	1.9	14.0	9:30a	NNW
7	65.9	80.7	2:00p	52.3	6:00a	3.9	4.8	0.00	1.2	15.0	10:30a	W
8	67.5	81.2	1:00p	52.2	6:30a	3.2	5.7	0.00	0.6	11.0	1:00p	NNW
9	70.5	83.4	1:30p	60.2	12:30a	1.1	6.6	0.00	0.3	11.0	12:00p	WNW
10	70.9	85.5	3:30p	57.8	6:00a	1.7	7.6	0.00	0.5	10.0	11:30a	ESE
11	74.6	94.3	3:30p	59.3	5:00a	1.1	10.7	0.00	0.8	10.0	8:30a	SSW
12	77.6	92.9	2:30p	65.3	6:30a	0.0	12.6	0.00	1.7	17.0	1:00p	W
13	66.6	71.3	12:30a	63.7	7:00a	0.1	1.8	0.01	2.1	13.0	11:30a	E
14	70.0	78.3	4:00p	59.0	4:00a	0.9	5.9	0.00	0.7	11.0	12:00p	ESE
15	71.8	84.0	2:00p	57.2	12:00m	0.9	7.7	0.00	0.9	11.0	10:00a	NNW
16	71.5	89.3	3:00p	55.6	3:00a	2.5	9.0	0.00	0.5	11.0	1:00p	SW
17	68.8	79.2	2:30p	53.9	12:00m	1.5	5.3	0.01	1.1	11.0	2:30p	ENE
18	61.7	76.1	3:30p	48.5	6:00a	6.4	3.1	0.00	0.6	11.0	11:30a	ENE
19	57.3	72.3	3:00p	43.9	12:00m	9.2	1.4	0.00	0.8	10.0	10:00a	ENE
20	58.6	78.3	3:00p	40.2	6:30a	10.1	3.7	0.01	1.0	11.0	1:00p	SSW
21	67.4	88.0	4:00p	47.3	5:30a	5.3	7.7	0.00	0.6	10.0	1:00p	E
22	73.2	89.9	3:00p	57.0	6:00a	1.6	9.8	0.00	0.4	9.0	1:30p	ESE
23	75.7	91.6	3:00p	61.0	6:00a	0.7	11.4	0.00	1.8	15.0	1:00p	SSW
24	66.9	78.5	2:30p	50.8	12:00m	2.7	4.6	0.00	1.9	21.0	12:30p	W
25	62.9	81.2	3:30p	46.4	6:00a	7.2	5.1	0.00	0.9	13.0	1:00p	SSW
26	65.9	85.5	12:30p	50.7	6:00a	5.4	6.3	0.00	0.9	12.0	2:30p	SW
27	64.8	81.4	3:00p	47.3	6:00a	5.0	4.9	0.01	0.6	13.0	2:00p	ESE
28	70.4	86.1	2:30p	55.7	2:30a	1.9	7.3	0.00	0.4	10.0	2:30p	S
29	72.5	84.3	3:00p	63.1	3:30a	0.2	7.7	0.00	0.6	10.0	9:00a	N
30	68.3	71.5	3:00p	66.0	10:30p	0.0	3.3	0.05	0.4	9.0	3:00p	ESE

	69.1	94.3	11	40.2	20	75.4	197.7	0.09	0.9	21.0	24	ESE

Max >= 90.0: 4
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0
 Max Rain: 0.05 ON 09/30/19
 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 OCT 2019

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)

	MEAN					HEAT	COOL		AVG			DOM	
DAY	TEMP	HIGH	TIME	LOW	TIME	DEG	DEG	RAIN	WIND	SPEED	HIGH	TIME	DIR
1	73.3	87.8	3:30p	64.2	6:00a	0.1	8.3	0.00	0.8	11.0	1:00p	S	
2	78.4	92.5	3:30p	63.7	6:00a	0.1	13.5	0.00	1.8	18.0	12:00p	SW	
3	70.8	76.7	1:00a	68.4	7:00p	0.0	5.8	0.00	0.8	10.0	9:30a	E	
4	64.8	75.1	2:00p	46.5	12:00m	3.4	3.3	0.00	2.7	21.0	11:00a	NW	
5	53.6	65.0	2:00p	38.6	5:30a	11.4	0.0	0.00	1.5	13.0	12:30p	E	
6	64.4	69.4	1:30p	56.6	2:30a	2.7	2.0	0.02	0.4	11.0	1:00p	ESE	
7	69.4	78.5	1:30p	58.1	12:00m	1.1	5.5	0.11	2.3	16.0	2:00p	S	
8	59.7	65.8	2:30p	55.7	6:30a	5.4	0.1	0.08	2.1	16.0	12:30p	NNW	
9	58.2	66.3	12:30p	52.3	5:30a	6.8	0.0	0.10	1.8	12.0	12:00p	NNW	
10	60.0	74.7	2:30p	48.2	12:00m	7.0	2.0	0.00	1.0	11.0	11:30a	NNW	
11	55.1	72.0	2:30p	39.2	6:00a	11.3	1.4	0.00	1.3	14.0	2:30p	NNW	
12	54.6	69.6	1:00p	41.9	3:30a	11.2	0.8	0.00	0.6	10.0	3:00p	SW	
13	55.2	64.8	1:30p	45.2	3:30a	9.8	0.0	0.00	0.4	9.0	11:00a	E	
14	54.9	74.7	3:30p	38.9	6:00a	12.0	1.9	0.01	1.3	16.0	1:00p	WSW	
15	51.6	70.1	3:00p	36.3	6:30a	14.1	0.8	0.00	0.4	9.0	1:30p	E	
16	55.0	62.4	10:00a	41.5	1:00a	10.0	0.0	1.14	3.2	29.0	8:30p	WSW	
17	52.0	56.0	1:00p	48.3	11:00p	13.0	0.0	0.00	7.3	30.0	1:30p	WSW	
18	50.7	62.3	3:00p	36.5	12:00m	14.3	0.0	0.00	3.3	25.0	12:00p	W	
19	47.7	63.2	1:30p	31.6	6:30a	17.3	0.0	0.00	0.4	14.0	1:00p	E	
20	51.8	55.1	3:00p	44.1	1:30a	13.2	0.0	1.00	1.3	15.0	1:30p	NNW	
21	57.6	69.4	3:00p	51.7	6:30a	7.8	0.4	0.01	1.0	10.0	2:00a	NNW	
22	57.5	60.1	3:00p	50.5	12:00m	7.5	0.0	0.53	1.0	12.0	12:30p	ESE	
23	52.2	64.5	3:30p	37.8	12:00m	12.8	0.0	0.01	2.6	20.0	12:30p	SW	
24	49.6	69.4	4:00p	33.5	6:00a	16.0	0.6	0.00	0.6	11.0	1:00p	ESE	
25	51.7	66.8	2:00p	38.2	3:00a	13.3	0.1	0.00	0.2	9.0	1:00p	SSE	
26	57.0	61.5	12:00p	51.0	5:30a	8.0	0.0	0.01	0.9	9.0	11:00p	E	
27	63.4	76.7	2:00p	46.8	12:00m	4.2	2.6	1.18	2.4	22.0	12:00p	WSW	
28	54.7	67.8	1:00p	42.1	5:30a	10.5	0.2	0.00	0.6	10.0	9:30a	E	
29	56.6	63.5	2:00p	49.5	10:00p	8.4	0.0	0.00	0.2	7.0	10:30a	E	
30	59.1	64.8	11:30a	52.5	12:30a	5.9	0.0	0.54	0.2	6.0	11:30p	ESE	
31	65.7	76.1	7:00p	46.2	12:00m	3.0	3.6	1.47	3.9	30.0	10:00p	ESE	
	58.3	92.5	2	31.6	19	261.6	52.9	6.21	1.6	30.0	17	E	

Max >= 90.0: 1

Max <= 32.0: 0

Min <= 32.0: 1

Min <= 0.0: 0

Max Rain: 1.47 ON 10/31/19

Days of Rain: 10 (>.01 in) 7 (>.1 in) 3 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for NOV 2019

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	42.3	50.1	12:30p	30.7	12:00m	22.7	0.0	0.00	4.2	27.0	1:00a	WSW
2	38.5	53.5	2:30p	27.6	5:30a	26.5	0.0	0.01	0.5	10.0	1:00p	SW
3	38.5	51.7	1:30p	27.9	5:30a	26.5	0.0	0.00	1.8	17.0	9:30a	WSW
4	43.2	59.5	1:00p	27.0	6:00a	21.8	0.0	0.00	1.1	17.0	11:00a	ESE
5	46.3	62.9	1:00p	30.9	6:00a	18.7	0.0	0.01	0.9	13.0	1:30p	WSW
6	44.8	57.3	2:00p	34.0	10:30p	20.2	0.0	0.00	1.2	13.0	8:30a	SW
7	49.4	58.0	1:30p	36.5	12:30a	15.6	0.0	0.09	1.3	14.0	10:30a	WNW
8	34.6	41.6	1:00p	23.9	12:00m	30.4	0.0	0.00	2.9	20.0	10:30a	W
9	30.4	43.3	2:00p	19.2	6:00a	34.6	0.0	0.00	0.6	10.0	11:30a	ESE
10	40.3	56.9	1:00p	28.4	12:30a	24.7	0.0	0.00	0.4	10.0	12:30p	SE
11	49.0	67.8	12:30p	30.0	4:30a	16.3	0.3	0.00	0.9	14.0	1:30p	ESE
12	39.2	56.9	12:30a	24.8	11:30p	25.8	0.0	0.14	4.2	19.0	6:00a	WNW
13	26.2	35.3	3:30p	19.1	12:00m	38.8	0.0	0.00	1.8	14.0	10:30a	W
14	28.7	43.6	2:00p	16.5	4:30a	36.3	0.0	0.00	0.5	11.0	11:30a	ESE
15	36.2	51.6	12:30p	24.2	4:00a	28.8	0.0	0.00	0.8	11.0	11:00a	SW
16	35.1	43.5	1:30p	23.8	5:30a	29.9	0.0	0.00	2.6	20.0	8:30a	ENE
17	37.7	43.2	2:00p	31.8	3:00a	27.3	0.0	0.00	2.6	11.0	8:30a	NNE
18	40.3	47.7	1:00p	35.9	5:00a	24.7	0.0	0.06	0.9	11.0	4:00p	NNE
19	44.7	53.6	2:30p	37.9	5:00a	20.3	0.0	0.01	0.5	10.0	10:30a	SSW
20	44.8	49.6	11:30a	38.5	12:00m	20.2	0.0	0.00	2.1	17.0	10:30a	W
21	44.6	54.4	1:30p	27.9	6:30a	20.4	0.0	0.00	0.7	11.0	12:00p	SE
22	44.6	52.6	1:30p	31.2	12:00m	20.4	0.0	0.06	1.5	17.0	3:30p	W
23	35.1	42.1	12:30p	23.5	6:30a	29.9	0.0	0.66	0.4	5.0	9:00a	E
24	41.4	49.6	1:30p	37.2	1:30a	23.6	0.0	0.30	4.2	26.0	12:00p	WSW
25	42.1	57.5	1:30p	29.7	12:00m	22.9	0.0	0.00	0.9	13.0	2:30a	WSW
26	42.1	63.1	1:30p	26.7	6:00a	22.9	0.0	0.00	0.1	5.0	12:00p	ESE
27	48.4	56.0	2:30p	32.4	1:00a	16.6	0.0	0.01	3.4	28.0	9:00p	S
28	44.0	48.8	12:30a	37.6	12:00m	21.0	0.0	0.00	7.3	38.0	10:30a	W
29	39.2	46.4	1:00p	32.9	5:00a	25.8	0.0	0.00	2.4	14.0	9:00a	NNW
30	39.0	43.3	1:00p	33.1	6:30a	26.0	0.0	0.00	0.5	7.0	7:30a	NNW
	40.4	67.8	11	16.5	14	739.6	0.3	1.35	1.8	38.0	28	W

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 20

Min <= 0.0: 0

Max Rain: 0.66 ON 11/23/19

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2019

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	38.3	42.3	4:30p	35.8	10:00p	26.7	0.0	0.48	1.9	13.0	11:00a	E
2	37.5	40.5	3:00p	35.2	6:00a	27.5	0.0	0.08	2.6	16.0	10:00p	WNW
3	37.7	44.8	12:30p	30.4	7:30p	27.3	0.0	0.00	4.1	22.0	11:00a	W
4	38.4	44.3	12:30p	31.2	6:00a	26.6	0.0	0.05	1.5	14.0	12:30a	WSW
5	37.7	44.5	2:00p	26.4	10:00p	27.3	0.0	0.00	4.3	25.0	11:00a	WSW
6	40.4	53.1	12:00p	24.1	6:00a	24.6	0.0	0.00	2.0	15.0	10:30p	S
7	31.2	40.9	1:30p	19.7	12:00m	33.8	0.0	0.00	0.9	11.0	10:30a	NW
8	32.8	45.2	2:30p	17.8	6:00a	32.2	0.0	0.01	0.6	11.0	11:00a	ESE
9	45.1	51.4	10:30p	37.8	12:30a	19.9	0.0	0.78	1.4	18.0	8:00p	S
10	49.3	55.6	10:30a	33.1	12:00m	15.7	0.0	0.20	2.7	17.0	5:30p	S
11	32.5	37.0	3:00p	24.7	11:30p	32.5	0.0	0.02	3.0	19.0	10:30a	WSW
12	28.5	37.6	2:00p	20.8	7:00a	36.5	0.0	0.00	0.5	6.0	12:30a	ESE
13	35.5	42.9	8:30p	26.6	1:00a	29.5	0.0	0.45	0.1	6.0	9:00p	E
14	43.9	47.3	3:00p	40.3	12:30a	21.1	0.0	0.13	3.1	25.0	6:30p	WSW
15	41.8	50.2	12:30p	33.5	8:00p	23.2	0.0	0.00	3.9	24.0	10:00a	WNW
16	32.6	35.5	12:30a	31.5	5:30a	32.4	0.0	0.39	0.5	10.0	12:30a	NNE
17	36.5	38.3	6:30p	33.5	12:30a	28.5	0.0	0.14	2.3	18.0	11:00p	WNW
18	30.3	36.3	10:30a	22.2	11:30p	34.7	0.0	0.00	5.3	26.0	2:30p	WSW
19	21.9	29.7	1:30p	15.2	11:30p	43.1	0.0	0.00	2.7	17.0	10:30a	W
20	24.2	36.9	12:30p	14.4	5:30a	40.8	0.0	0.00	0.8	11.0	11:30a	NNW
21	24.5	36.2	2:30p	18.3	12:00m	40.5	0.0	0.00	0.0	4.0	1:30p	SSE
22	29.2	51.9	2:00p	16.7	4:00a	35.8	0.0	0.00	0.3	7.0	9:30a	S
23	31.6	56.9	2:00p	20.5	7:00a	33.4	0.0	0.01	0.0	5.0	1:00p	SSW
24	33.4	50.7	2:00p	22.2	12:00m	31.6	0.0	0.00	0.8	13.0	9:30a	NNW
25	30.1	48.0	12:30p	19.5	6:00a	34.9	0.0	0.00	0.1	4.0	11:30a	ESE
26	36.2	53.1	12:30p	22.5	4:00a	28.8	0.0	0.00	0.2	5.0	1:30p	ENE
27	41.7	57.8	1:30p	31.8	2:00a	23.3	0.0	0.00	0.1	7.0	1:00p	S
28	42.3	61.6	12:30p	30.1	6:00a	22.7	0.0	0.01	0.5	13.0	11:30a	WSW
29	43.7	47.9	10:00a	33.2	12:30a	21.3	0.0	0.52	0.3	6.0	2:30p	E
30	48.7	57.3	2:00p	40.5	11:30p	16.3	0.0	0.14	0.7	17.0	9:30a	NNE
31	43.3	50.2	1:30p	39.2	6:30a	21.7	0.0	0.00	2.3	16.0	2:30p	WSW

36.2 61.6 28 14.4 20 894.2 0.0 3.41 1.6 26.0 18 WSW

Max >= 90.0: 0
 Max <= 32.0: 1
 Min <= 32.0: 21
 Min <= 0.0: 0

Max Rain: 0.78 ON 12/09/19
 Days of Rain: 12 (>.01 in) 9 (>.1 in) 0 (>1 in)
 Heat Base: 65.0 Cool Base: 65.0 Method: Integration