

97Jan2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2018

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	13.4	20.5	1:30p	2.6	7:00a	50.5	0.0	0.00	3.0	19.0	12:30p	WSW
2	13.1	21.9	2:30p	4.8	12:00m	49.7	0.0	0.00	2.9	20.0	8:30a	SW
3	18.3	30.9	2:00p	0.9	5:30a	46.7	0.0	0.00	0.3	7.0	10:00a	ESE
4	19.9	24.4	2:30p	11.6	12:00m	45.1	0.0	0.00	8.4	33.0	8:00p	W
5	11.7	16.9	1:30p	8.3	6:30a	53.3	0.0	0.00	8.2	29.0	10:30a	WSW
6	10.4	15.7	1:30p	6.5	6:00a	54.6	0.0	0.00	6.3	24.0	12:30p	WSW
7	13.1	22.1	3:00p	-1.2	7:00a	51.9	0.0	0.00	0.7	13.0	12:30p	WNW
8	25.5	34.4	11:30p	12.8	2:30a	39.6	0.0	0.02	0.5	10.0	10:00a	S
9	31.0	47.0	2:00p	17.8	7:00a	34.0	0.0	0.02	0.8	18.0	12:30p	WSW
10	31.5	42.2	2:00p	17.3	5:00a	33.5	0.0	0.00	0.1	7.0	1:30p	ESE
11	48.9	61.0	2:00p	34.1	4:00a	16.1	0.0	0.02	0.6	14.0	12:00p	ESE
12	61.4	66.6	2:00p	53.8	12:30a	3.8	0.2	0.41	1.7	16.0	12:00p	ESE
13	31.0	60.4	12:30a	17.2	12:00m	34.0	0.0	0.12	6.8	26.0	1:00a	WNW
14	17.0	23.8	1:00p	11.9	12:00m	48.0	0.0	0.00	2.6	14.0	8:00a	NNW
15	20.8	28.4	2:00p	8.1	4:30a	44.2	0.0	0.00	0.1	5.0	8:30a	N
16	31.1	38.6	2:00p	27.2	12:30a	33.9	0.0	0.00	0.2	7.0	12:00p	ESE
17	22.5	31.2	12:30a	16.1	12:00m	42.5	0.0	0.00	3.6	18.0	9:00a	WNW
18	27.7	40.3	2:30p	9.3	6:30a	37.3	0.0	0.00	2.8	21.0	10:00a	WSW
19	31.2	51.0	2:30p	16.5	6:00a	33.8	0.0	0.00	1.3	16.0	12:00p	WSW
20	36.5	58.7	3:30p	20.0	6:30a	28.5	0.0	0.00	1.7	21.0	10:30a	SW
21	39.1	56.3	1:30p	25.0	2:30a	25.9	0.0	0.00	0.1	7.0	11:30a	ESE
22	48.4	64.5	1:30p	36.2	12:30a	16.6	0.0	0.00	0.3	13.0	1:30p	ESE
23	51.2	60.7	12:30p	42.2	11:00p	13.8	0.0	0.17	4.0	24.0	7:00a	WSW
24	37.7	43.6	1:00a	30.9	11:00p	27.3	0.0	0.00	4.1	21.0	10:30a	WSW
25	29.5	36.8	2:30p	18.8	11:30p	35.5	0.0	0.00	2.8	18.0	10:30a	WSW
26	28.8	44.1	1:30p	16.5	5:30a	36.2	0.0	0.00	0.7	10.0	11:30a	ESE
27	44.8	62.1	1:30p	19.7	6:00a	20.2	0.0	0.01	2.7	24.0	2:30p	S
28	47.8	53.3	12:30a	42.6	12:00m	17.2	0.0	0.17	0.2	13.0	1:00a	NNW
29	39.7	43.2	12:30p	30.1	12:00m	25.3	0.0	0.00	1.1	13.0	2:00p	NNW
30	27.3	33.7	4:30a	19.4	12:00m	37.7	0.0	0.00	6.3	30.0	5:30p	W
31	27.2	37.8	12:00m	14.1	6:30a	37.8	0.0	0.00	1.1	14.0	2:00p	ESE
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	30.2	66.6	12	-1.2	7	1074.5	0.2	0.94	2.5	33.0	4	WSW

Max >= 90.0: 0

97Jan2018.TXT

Max <= 32.0: 10

Min <= 32.0: 26

Min <= 0.0: 1

Max Rain: 0.41 ON 01/12/18

Days of Rain: 7 (>.01 in) 4 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

98Feb2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for FEB. 2018

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	40.9	49.8	8:30p	36.8	4:00a	24.1	0.0	0.12	0.9	15.0	10:00p	SSE
2	25.0	37.2	12:30a	14.6	12:00m	40.0	0.0	0.00	5.5	30.0	10:00a	W
3	24.1	33.5	3:00p	9.7	5:30a	40.9	0.0	0.00	1.5	15.0	10:00a	ESE
4	32.0	33.4	8:30a	30.0	4:30a	33.0	0.0	0.83	0.2	14.0	9:00a	ESE
5	28.1	35.5	4:30a	19.9	10:00p	36.9	0.0	0.00	3.3	24.0	8:30a	W
6	28.3	37.5	1:00p	20.6	12:30a	36.7	0.0	0.00	0.6	11.0	1:30p	W
7	32.0	37.5	6:30p	23.8	12:30a	33.0	0.0	0.02	1.5	20.0	10:30p	E
8	25.5	31.5	1:30p	18.8	12:00m	39.5	0.0	0.00	2.7	16.0	5:00a	WNW
9	30.0	42.2	2:30p	18.3	4:30a	35.0	0.0	0.00	0.9	12.0	11:00a	ESE
10	36.7	43.1	2:00p	26.3	3:00a	28.3	0.0	0.48	0.0	3.0	1:00p	E
11	54.5	66.4	5:00p	39.8	1:30a	10.7	0.1	0.52	1.4	17.0	3:00p	SSW
12	42.0	62.1	12:30a	25.3	12:00m	23.0	0.0	0.02	3.6	20.0	9:00a	WNW
13	31.9	39.8	12:30p	21.3	6:00a	33.1	0.0	0.00	0.8	9.0	8:00a	ESE
14	40.5	52.8	2:00p	28.5	6:00a	24.5	0.0	0.07	0.5	11.0	2:00p	SSE
15	56.3	69.1	3:30p	42.3	1:30a	9.2	0.5	0.05	0.6	15.0	8:30p	S
16	52.2	62.1	2:30a	33.8	12:00m	12.8	0.0	0.45	3.5	22.0	1:30p	SW
17	32.4	41.8	12:00p	23.6	5:30a	32.6	0.0	0.02	1.0	13.0	11:00a	E
18	34.8	47.0	2:30p	24.7	6:30a	30.2	0.0	0.40	0.5	14.0	3:00p	SW
19	40.6	47.6	12:00m	26.7	1:00a	24.4	0.0	0.01	0.2	9.0	12:30p	ESE
20	62.8	77.7	2:30p	47.6	12:30a	5.2	3.0	0.00	1.8	18.0	3:00p	S
21	68.3	79.0	1:00p	58.7	2:00a	1.5	4.8	0.00	2.8	21.0	11:00a	SSW
22	47.8	62.9	12:30a	39.5	12:00m	17.2	0.0	0.10	2.5	15.0	1:00a	NNE
23	41.4	45.7	12:00m	38.2	7:30a	23.6	0.0	0.15	0.5	9.0	1:00p	E
24	47.3	49.9	1:30p	45.5	6:00a	17.7	0.0	0.26	0.7	10.0	12:00p	SSW
25	47.6	52.2	4:00p	44.9	11:00p	17.4	0.0	0.20	0.4	11.0	7:30a	SE
26	43.0	50.4	1:00p	27.9	11:30p	22.0	0.0	0.00	1.2	15.0	10:30a	WSW
27	40.1	57.8	2:00p	24.2	6:30a	24.9	0.0	0.00	0.8	12.0	11:30a	SW
28	47.5	65.8	2:30p	30.7	3:30a	17.5	0.0	0.00	1.2	17.0	3:00p	S
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	40.5	79.0	21	9.7	3	694.9	8.4	3.70	1.5	30.0	2	ESE

Max >= 90.0: 0  
Max <= 32.0: 1  
Min <= 32.0: 18  
Min <= 0.0: 0

98Feb2018.TXT

Max Rain: 0.83 ON 02/04/18

Days of Rain: 15 (>.01 in) 9 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

99Mar2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for MAR. 2018

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	46.4	53.3	1:30p	39.6	4:00a	18.6	0.0	0.52	0.8	31.0	12:00m	E
2	39.8	46.2	12:30a	35.5	6:30a	25.2	0.0	0.00	14.0	43.0	3:00p	WNW
3	39.2	48.6	2:00p	33.5	6:00a	25.8	0.0	0.00	9.3	32.0	3:00p	NW
4	38.7	47.6	1:30p	30.9	12:00m	26.3	0.0	0.00	4.9	20.0	10:30a	NW
5	33.7	45.2	2:00p	23.2	12:00m	31.3	0.0	0.00	3.5	20.0	12:30p	WNW
6	32.6	43.9	11:30a	19.7	5:00a	32.4	0.0	0.08	0.8	10.0	12:00p	ESE
7	36.0	39.8	1:30p	32.4	1:00a	29.0	0.0	0.27	2.3	17.0	9:30p	WNW
8	34.5	40.9	3:00p	28.5	6:00a	30.5	0.0	0.00	4.6	23.0	11:00a	WSW
9	33.7	40.9	12:00p	27.8	12:00m	31.3	0.0	0.00	5.7	25.0	8:30a	WSW
10	32.9	47.0	1:30p	19.5	5:30a	32.1	0.0	0.00	2.1	19.0	12:00p	W
11	32.3	47.7	2:30p	18.9	5:00a	32.7	0.0	0.00	0.9	13.0	10:00a	NNW
12	32.4	42.2	1:30p	21.3	4:30a	32.6	0.0	0.00	2.6	15.0	5:30p	NNW
13	34.4	42.3	2:00p	28.5	12:00m	30.6	0.0	0.00	5.3	27.0	11:30a	W
14	32.8	37.3	1:30p	26.9	3:30a	32.2	0.0	0.00	7.0	32.0	8:30p	WSW
15	36.8	47.7	1:00p	25.0	10:00p	28.2	0.0	0.00	3.4	22.0	10:00a	SW
16	33.6	40.8	1:30p	22.1	11:30p	31.4	0.0	0.00	5.2	33.0	12:00p	WSW
17	33.6	42.6	12:30p	21.8	12:30a	31.4	0.0	0.00	1.7	19.0	12:30p	SW
18	37.0	55.0	4:30p	20.0	4:00a	28.0	0.0	0.00	1.9	16.0	9:30a	SW
19	42.2	58.7	12:30p	22.1	5:30a	22.8	0.0	0.00	1.2	11.0	2:00p	ESE
20	31.7	37.8	12:30a	28.5	6:30p	33.3	0.0	0.27	0.6	12.0	2:00a	ESE
21	31.0	33.8	12:30p	29.1	4:30a	34.0	0.0	0.11	2.3	17.0	4:00p	NW
22	36.9	43.5	2:30p	29.5	5:30a	28.1	0.0	0.44	5.1	23.0	9:00a	WNW
23	36.7	44.6	2:30p	30.3	4:30a	28.3	0.0	0.01	4.6	24.0	11:00a	W
24	35.5	45.7	4:00p	23.8	4:30a	29.5	0.0	0.00	1.8	15.0	12:00p	W
25	33.9	43.9	4:00p	26.3	12:00m	31.1	0.0	0.04	2.7	16.0	5:00a	NNW
26	35.3	46.2	1:30p	21.6	5:00a	29.7	0.0	0.01	1.6	14.0	11:00a	E
27	36.8	43.3	12:30p	25.8	3:00a	28.2	0.0	0.01	0.7	10.0	12:00p	ESE
28	45.7	51.1	2:00p	39.8	5:00a	19.3	0.0	0.08	0.0	5.0	12:30a	SE
29	58.8	73.5	3:00p	44.8	4:00a	8.0	1.8	0.00	1.4	20.0	11:30p	ESE
30	56.8	70.9	10:30a	39.2	12:00m	9.1	0.9	0.18	5.3	26.0	1:00p	WNW
31	46.5	58.9	2:00p	29.3	5:00a	18.5	0.0	0.00	1.6	17.0	1:30p	ESE
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	37.7	73.5	29	18.9	11	849.5	2.7	2.02	3.4	43.0	2	WNW

Max >= 90.0: 0

99Mar2018.TXT

Max <= 32.0: 0

Min <= 32.0: 24

Min <= 0.0: 0

Max Rain: 0.52 ON 03/01/18

Days of Rain: 9 (>.01 in) 6 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

100Apr2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for APR. 2018

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	51.8	62.0	3:30p	43.1	11:30p	12.6	0.0	0.00	1.8	15.0	2:30p	SW
2	40.9	47.4	2:00a	37.3	6:00a	24.1	0.0	0.15	1.9	18.0	2:30a	NNW
3	44.0	48.3	5:30p	39.9	12:30a	21.0	0.0	0.05	0.9	16.0	8:00p	ESE
4	48.1	67.1	10:00a	37.8	12:00m	16.9	0.0	0.02	6.6	33.0	4:00p	WSW
5	39.0	49.2	4:00p	31.2	6:00a	26.0	0.0	0.00	3.9	25.0	12:30a	WSW
6	54.1	69.4	4:00p	36.9	12:30a	11.3	0.4	0.00	2.5	22.0	4:00p	S
7	40.9	55.7	12:30a	34.3	12:00m	24.1	0.0	0.00	4.1	20.0	2:00a	WNW
8	36.9	46.4	4:00p	28.5	6:00a	28.1	0.0	0.00	3.9	19.0	1:00p	WNW
9	36.7	41.1	11:00a	30.0	12:30a	28.3	0.0	0.00	0.6	10.0	10:30a	ESE
10	40.8	51.1	4:00p	29.3	12:00m	24.2	0.0	0.00	2.5	17.0	9:00a	WNW
11	42.6	56.6	4:30p	27.9	1:00a	22.4	0.0	0.00	1.2	15.0	1:30p	SSW
12	57.5	76.0	4:30p	31.5	2:00a	11.0	3.4	0.00	3.3	24.0	1:30p	S
13	72.6	83.8	2:30p	58.4	5:00a	0.9	8.5	0.00	2.8	22.0	11:30p	S
14	72.1	83.8	2:30p	56.9	12:00m	0.7	7.7	0.00	2.5	18.0	5:00p	S
15	47.6	61.6	2:30a	41.6	8:00p	17.4	0.0	0.17	4.3	21.0	9:00p	ENE
16	48.3	58.1	8:00a	41.8	12:00m	16.7	0.0	1.40	4.4	28.0	12:00p	WSW
17	40.1	44.2	3:30p	36.6	12:00m	24.9	0.0	0.00	5.4	24.0	3:00p	WSW
18	45.3	60.5	5:00p	29.5	4:30a	19.7	0.0	0.00	1.8	17.0	11:30a	WSW
19	46.0	57.3	10:00a	38.0	10:00p	19.0	0.0	0.00	4.8	32.0	1:00p	W
20	44.5	56.5	3:30p	32.9	6:00a	20.5	0.0	0.00	3.9	21.0	10:30a	WNW
21	44.7	60.4	5:30p	27.3	6:00a	20.3	0.0	0.00	1.0	14.0	11:00a	W
22	52.0	63.7	3:00p	39.5	6:00a	13.0	0.0	0.00	1.5	13.0	10:00a	E
23	55.6	67.4	3:30p	40.8	5:30a	9.7	0.3	0.00	1.6	13.0	7:00p	ESE
24	53.8	62.1	2:00p	43.5	12:30a	11.3	0.0	0.69	2.9	17.0	2:30p	E
25	57.9	63.7	4:00p	52.8	12:30a	7.1	0.0	0.47	1.1	12.0	4:30p	W
26	55.9	67.6	4:30p	46.5	5:00a	9.3	0.2	0.00	3.3	19.0	2:00p	WSW
27	54.1	62.7	6:30p	47.6	10:30p	10.9	0.0	0.45	0.7	11.0	8:30a	NNE
28	57.2	75.3	4:00p	41.9	5:30a	9.4	1.6	0.02	1.4	17.0	12:00m	ESE
29	46.1	52.8	3:00p	36.2	12:00m	18.9	0.0	0.00	5.1	24.0	8:00a	WNW
30	52.6	68.6	5:00p	35.6	1:00a	12.9	0.5	0.00	3.8	21.0	10:30a	WSW
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	49.3	83.8	13	27.3	21	492.6	22.6	3.42	2.9	33.0	4	WSW

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

100Apr2018.TXT

Min <= 32.0: 8

Min <= 0.0: 0

Max Rain: 1.40 ON 04/16/18

Days of Rain: 9 (>.01 in) 6 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

101May2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for MAY. 2018

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	59.2	79.9	4:30p	35.0	5:30a	10.3	4.5	0.00	1.8	17.0	11:30a	WSW
2	66.9	87.4	4:00p	42.2	6:00a	6.6	8.4	0.00	1.9	18.0	1:00p	SW
3	75.4	90.5	3:30p	52.5	5:00a	2.6	13.0	0.00	2.0	16.0	1:00p	SSW
4	76.5	89.9	3:30p	62.9	5:30a	0.2	11.7	0.00	1.7	21.0	7:30p	SSW
5	63.4	71.5	12:30a	54.8	11:00p	3.1	1.5	0.05	0.9	13.0	1:00a	NW
6	59.1	65.6	3:30p	54.2	1:30a	6.0	0.0	0.00	1.2	12.0	1:30p	WNW
7	61.5	74.2	2:30p	48.0	5:00a	5.7	2.1	0.00	0.8	10.0	10:00a	E
8	61.7	74.4	3:00p	47.0	6:00a	6.3	3.0	0.00	0.7	10.0	11:00a	E
9	61.9	78.1	3:00p	44.9	5:30a	6.9	3.8	0.00	0.5	10.0	1:30p	E
10	64.0	82.0	4:00p	48.8	4:00a	4.4	3.4	0.11	0.4	13.0	1:30p	S
11	65.9	78.8	3:30p	51.9	5:00a	3.8	4.7	0.01	1.3	17.0	1:00p	WSW
12	69.1	89.7	5:00p	55.6	5:30a	2.5	6.6	0.06	0.7	18.0	7:00p	ESE
13	60.4	64.3	12:30a	58.0	4:00p	4.6	0.0	0.43	0.6	10.0	1:30p	E
14	65.8	79.9	3:30p	57.8	3:30a	2.6	3.4	0.44	0.4	15.0	6:30p	SE
15	73.9	89.3	3:00p	63.9	1:30a	0.1	9.0	0.93	2.2	20.0	7:00p	S
16	66.5	70.4	12:30p	64.0	12:00m	0.1	1.7	0.21	0.3	9.0	5:00p	E
17	65.2	68.4	4:30p	62.9	7:00a	0.6	0.8	0.67	0.3	9.0	6:00p	N
18	61.1	67.1	11:00a	52.2	12:00m	4.1	0.2	0.45	2.3	18.0	2:30p	ENE
19	59.5	69.3	11:00p	51.9	3:30a	6.0	0.5	0.54	0.4	11.0	1:30a	NE
20	74.5	85.1	4:00p	63.2	12:00m	0.1	9.6	0.01	1.8	15.0	1:30p	SSE
21	69.0	81.4	4:00p	58.9	5:30a	1.2	5.3	0.00	0.5	7.0	8:00a	NE
22	66.4	72.3	2:30p	63.4	4:30a	0.3	1.7	0.30	0.0	9.0	11:00p	ESE
23	69.9	77.7	4:30p	56.7	12:00m	0.9	5.8	0.00	1.9	17.0	9:30a	W
24	68.3	84.7	4:00p	52.2	5:00a	3.8	7.1	0.00	0.8	11.0	9:00a	NNW
25	72.5	87.0	3:00p	51.7	4:30a	3.1	10.5	0.00	1.2	13.0	10:30a	SSW
26	76.2	89.5	3:00p	69.4	2:30a	0.0	11.2	0.12	0.7	14.0	3:00p	S
27	72.2	87.0	1:30p	62.0	12:00m	0.3	7.5	1.66	0.6	13.0	2:30p	ENE
28	64.0	70.3	4:30p	59.2	5:30a	2.2	1.1	0.01	0.2	7.0	2:30a	E
29	71.8	82.2	4:00p	65.6	1:30a	0.0	6.8	0.00	0.0	4.0	8:00a	SE
30	71.2	78.6	2:00p	64.8	3:00a	0.0	6.2	0.04	0.7	11.0	2:00p	E
31	70.1	80.1	3:30p	65.6	3:30a	0.0	5.1	0.61	0.4	14.0	6:00p	E
--												
	67.2	90.5	3	35.0	1	88.4	156.2	6.65	0.9	21.0	4	E

Max >= 90.0: 1

101May2018.TXT

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 1.66 ON 05/27/18

Days of Rain: 15 (>.01 in) 12 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

102Jun2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for JUN. 2018

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	76.2	86.1	3:30p	68.9	5:00a	0.0	11.2	0.30	0.6	14.0	10:00p	WSW
2	71.9	81.1	2:00p	68.4	4:30a	0.0	6.9	0.32	0.4	10.0	2:00p	N
3	61.1	70.4	4:00a	54.1	10:30p	5.3	1.3	1.80	1.6	19.0	7:30a	ENE
4	62.9	75.8	4:00p	52.8	4:00a	4.9	2.8	0.00	1.5	18.0	1:30p	WSW
5	64.7	77.6	3:00p	50.1	5:00a	4.5	4.2	0.19	3.1	24.0	1:30p	SW
6	63.2	71.3	1:30p	56.2	5:00a	3.1	1.3	0.01	0.7	11.0	1:00p	NNW
7	66.6	78.3	6:00p	56.0	5:00a	2.8	4.3	0.00	0.3	10.0	1:30p	S
8	70.6	82.4	2:30p	55.9	5:00a	2.0	7.5	0.00	0.2	9.0	12:30p	SW
9	72.6	84.7	4:00p	62.7	4:00a	0.2	7.8	0.00	0.3	14.0	4:00p	WSW
10	67.3	76.0	1:30p	59.9	12:00m	0.9	3.1	1.72	0.8	12.0	8:00p	ENE
11	59.8	64.0	3:30p	54.5	12:00m	5.2	0.0	0.54	0.6	11.0	3:30a	N
12	64.2	75.8	4:00p	48.2	5:00a	4.4	3.6	0.00	0.9	13.0	11:00a	ESE
13	74.2	83.2	4:30p	65.3	4:00a	0.0	9.2	0.00	1.0	12.0	8:30a	S
14	73.9	82.8	4:30p	58.7	12:00m	0.3	9.2	0.00	2.5	21.0	10:00a	W
15	67.6	79.9	4:00p	53.3	5:00a	3.3	5.9	0.00	1.3	14.0	9:00a	NNW
16	70.7	84.7	3:00p	53.3	5:00a	2.7	8.4	0.00	0.9	10.0	12:00p	WSW
17	76.7	90.1	4:00p	63.1	2:00a	0.2	11.9	0.00	0.2	10.0	2:30p	S
18	79.2	93.2	3:00p	65.5	5:30a	0.0	14.2	0.05	0.8	24.0	3:30p	SSW
19	78.1	87.6	11:30a	66.9	12:00m	0.0	13.1	0.02	0.9	16.0	9:30a	SW
20	72.0	82.8	12:00p	64.2	5:00a	0.0	7.1	0.28	0.1	10.0	7:30p	SW
21	72.4	78.8	4:00p	67.3	4:30a	0.0	7.4	0.04	0.5	9.0	10:00a	N
22	67.0	69.4	7:00a	63.2	8:30p	0.4	2.4	0.15	1.0	14.0	10:00a	E
23	70.0	79.6	4:30p	63.2	12:30a	0.1	5.1	0.05	0.0	4.0	12:30a	NE
24	73.5	85.3	12:30p	63.2	4:30a	0.1	8.6	0.34	1.4	17.0	6:00p	WSW
25	71.2	79.8	2:30p	59.3	12:00m	0.4	6.6	0.01	1.2	14.0	7:00a	NNW
26	68.5	81.8	2:30p	54.1	4:30a	2.6	6.1	0.00	0.4	11.0	5:30p	ESE
27	72.8	79.0	4:30p	65.3	12:30a	0.0	7.8	0.00	0.4	10.0	12:30p	ESE
28	77.6	84.9	2:30p	67.3	12:00m	0.0	12.6	0.00	1.6	16.0	11:00a	WSW
29	76.8	88.8	5:30p	63.7	5:00a	0.1	11.9	0.00	0.6	10.0	1:30p	W
30	79.0	93.2	5:00p	63.5	5:00a	0.1	14.1	0.00	0.5	11.0	1:30p	W
--												
	70.7	93.2	18	48.2	12	43.6	215.6	5.82	0.9	24.0	5	WSW

Max >= 90.0: 3  
Max <= 32.0: 0

102Jun2018.TXT

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 1.80 ON 06/03/18

Days of Rain: 13 (>.01 in) 9 (>.1 in) 2 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

103Jul2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for JUL. 2018

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	79.7	95.9	2:30p	64.7	5:00a	0.0	14.7	0.00	0.3	7.0	2:00p	S
2	83.1	98.5	3:30p	67.1	4:30a	0.0	18.1	0.00	0.5	11.0	10:30a	S
3	82.8	96.6	2:30p	72.0	5:00a	0.0	17.8	0.00	0.6	16.0	5:30p	NNE
4	80.9	92.1	2:00p	70.8	5:00a	0.0	15.9	0.00	0.4	10.0	2:00p	E
5	79.8	91.2	5:00p	73.9	12:00m	0.0	14.8	0.30	0.3	13.0	12:30p	N
6	77.3	84.0	2:30p	67.6	11:30p	0.0	12.3	0.03	0.4	9.0	12:00p	WSW
7	68.7	78.5	4:00p	57.2	12:00m	1.2	4.9	0.00	1.8	15.0	1:30a	NNW
8	67.9	82.6	3:00p	52.0	5:30a	3.5	6.4	0.00	0.6	10.0	9:30a	E
9	71.1	87.4	3:30p	52.8	5:30a	2.8	9.0	0.00	0.6	10.0	3:00p	WSW
10	76.7	91.6	3:00p	58.7	5:00a	1.1	12.8	0.00	1.4	13.0	3:00p	WSW
11	76.9	88.0	2:00p	65.2	12:00m	0.0	11.9	0.00	1.1	12.0	2:30p	NNW
12	73.1	87.2	3:00p	58.3	5:00a	1.1	9.2	0.00	0.8	11.0	2:00p	NNW
13	73.0	86.7	4:00p	59.2	5:00a	1.2	9.2	0.00	0.4	11.0	12:00p	E
14	75.5	90.1	3:30p	58.9	5:30a	1.1	11.6	0.00	1.0	12.0	12:30p	SSW
15	74.8	85.9	4:00p	63.9	4:30a	0.1	9.9	0.00	0.5	12.0	12:00p	ENE
16	78.1	95.4	2:30p	65.8	5:30a	0.0	13.1	0.06	0.7	11.0	4:30p	SSW
17	77.4	89.3	10:30a	68.6	5:00a	0.0	12.4	0.34	0.7	21.0	8:30p	W
18	73.1	84.1	3:00p	62.9	5:30a	0.3	8.3	0.00	1.2	14.0	3:00p	NNW
19	72.3	85.1	2:30p	59.6	5:30a	1.1	8.4	0.00	0.6	10.0	2:30p	W
20	73.7	85.5	2:00p	58.1	5:00a	1.3	10.0	0.00	0.8	10.0	1:30p	ESE
21	67.1	71.6	8:30a	62.7	12:00m	0.2	2.2	2.61	1.9	19.0	5:00p	NNE
22	70.4	79.9	4:30p	62.1	6:00a	0.5	5.8	0.68	0.8	12.0	1:30a	E
23	75.9	81.6	1:30p	69.8	2:30a	0.0	10.9	0.53	1.3	15.0	1:00p	ESE
24	74.7	79.0	3:30p	72.3	8:30p	0.0	9.7	0.74	1.1	12.0	6:30a	ESE
25	74.4	82.2	3:00p	70.8	10:00p	0.0	9.4	0.43	0.2	11.0	6:00p	SE
26	76.4	88.2	5:30p	68.3	6:00a	0.0	11.4	0.00	0.9	11.0	2:30p	SW
27	74.7	89.5	2:30p	67.4	3:30a	0.0	9.7	0.37	0.4	18.0	5:00p	SE
28	73.9	84.0	3:30p	64.7	12:00m	0.0	8.9	0.00	1.1	12.0	12:30p	W
29	72.2	84.3	5:00p	60.5	5:30a	0.8	8.0	0.00	0.5	10.0	1:30p	WSW
30	69.8	76.5	3:00p	63.4	4:30a	0.2	5.0	0.16	0.6	14.0	2:30p	E
31	73.5	80.1	4:00p	68.1	4:00a	0.0	8.5	0.05	0.2	7.0	11:30a	E
--												
	74.8	98.5	2	52.0	8	16.5	320.2	6.30	0.8	21.0	17	ESE

Max >= 90.0: 8

103Jul2018.TXT

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 2.61 ON 07/21/18

Days of Rain: 12 (>.01 in) 9 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

104Aug2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for AUG. 2018

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	77.7	87.2	5:00p	70.3	5:00a	0.0	12.7	1.77	1.2	19.0	9:00p	S
2	74.8	81.8	1:30p	70.3	5:00a	0.0	9.8	0.10	0.6	15.0	11:30a	S
3	75.0	82.6	2:30p	71.3	4:30a	0.0	10.0	0.52	0.7	18.0	6:00p	S
4	76.2	85.7	3:30p	69.1	12:00m	0.0	11.2	0.09	1.3	13.0	12:00p	SW
5	78.4	91.4	4:00p	66.1	5:30a	0.0	13.4	0.00	0.3	11.0	2:30p	SW
6	78.8	91.4	2:00p	68.4	5:00a	0.0	13.8	0.00	0.1	10.0	2:30p	SW
7	77.7	90.3	2:00p	69.4	4:30a	0.0	12.7	0.00	0.4	15.0	3:30p	SSW
8	77.6	89.5	4:30p	67.1	5:00a	0.0	12.6	0.03	1.4	13.0	12:00p	SW
9	77.2	87.0	4:00p	69.6	12:00m	0.0	12.2	0.00	1.4	17.0	11:30a	WSW
10	76.8	87.6	1:30p	65.2	5:30a	0.0	11.8	0.00	0.4	10.0	2:30p	WSW
11	76.9	87.8	2:00p	69.9	12:00m	0.0	11.9	0.01	0.2	11.0	12:30p	WSW
12	73.1	83.8	1:30p	68.3	4:00a	0.0	8.1	0.05	0.1	7.0	1:30p	NW
13	72.3	84.0	1:30p	65.8	11:30p	0.0	7.3	0.18	0.3	21.0	4:30p	W
14	72.2	82.6	3:30p	64.3	5:30a	0.0	7.2	0.01	2.0	16.0	4:30p	SW
15	76.0	87.2	4:00p	65.6	5:30a	0.0	11.0	0.00	1.2	17.0	11:00a	WSW
16	77.2	91.4	4:00p	64.3	4:30a	0.0	12.2	0.00	0.0	0.0	---	---
17	78.5	93.2	2:30p	68.9	5:00a	0.0	13.5	0.01	0.3	14.0	6:00p	SSE
18	76.5	85.7	12:30p	70.8	12:30a	0.0	11.5	0.03	0.9	13.0	10:30a	SW
19	71.6	77.4	3:00p	66.8	5:30a	0.0	6.6	0.00	0.1	7.0	3:30p	NE
20	71.1	76.0	3:30p	65.8	6:00a	0.0	6.1	0.00	0.4	7.0	2:00a	ENE
21	73.3	78.1	4:00p	69.4	10:30p	0.0	8.3	1.40	0.3	14.0	8:00p	ESE
22	73.3	81.6	4:00p	65.2	10:30p	0.0	8.3	0.05	1.2	13.0	10:30a	SW
23	67.7	77.9	5:00p	57.6	12:00m	1.5	4.2	0.00	1.7	15.0	10:00a	W
24	67.7	83.2	3:00p	53.2	6:00a	3.7	6.4	0.00	0.1	9.0	11:00a	SE
25	67.8	81.8	3:30p	56.3	3:00a	2.8	5.6	0.00	0.1	10.0	2:30p	ESE
26	73.2	87.2	3:00p	58.9	6:00a	1.5	9.7	0.00	0.7	11.0	9:30a	S
27	77.3	90.3	5:00p	64.5	5:30a	0.0	12.3	0.00	0.2	9.0	11:30a	SSW
28	80.4	94.0	4:00p	68.6	6:00a	0.0	15.4	0.00	0.4	9.0	1:00p	SSW
29	81.0	93.8	4:30p	70.1	6:00a	0.0	16.0	0.00	0.8	10.0	10:30a	SSW
30	78.7	87.8	3:00p	71.3	6:00a	0.0	13.7	0.01	0.5	10.0	9:00a	NNW
31	75.1	81.8	10:30a	70.6	10:00p	0.0	10.1	0.83	0.4	9.0	1:30p	ENE
--												
	75.2	94.0	28	53.2	24	9.5	325.6	5.09	0.6	21.0	13	SW

Max >= 90.0: 8

104Aug2018.TXT

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 1.77 ON 08/01/18

Days of Rain: 11 (>.01 in) 5 (>.1 in) 2 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

105Sep2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for SEP. 2018

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	81.4	3:30p	70.6	7:00a	0.0	9.8	0.00	0.5	11.0	3:30p	ENE
2	78.1	88.4	2:30p	71.1	6:30a	0.0	13.1	0.00	0.2	11.0	2:00p	SSW
3	80.0	93.2	3:00p	69.8	5:30a	0.0	15.0	0.00	0.2	9.0	1:30p	S
4	80.6	93.6	4:30p	70.1	6:00a	0.0	15.6	0.00	0.1	6.0	12:30p	ENE
5	80.6	93.4	3:00p	69.4	6:00a	0.0	15.6	0.00	0.0	6.0	4:00p	SSW
6	80.4	94.0	3:30p	68.9	5:30a	0.0	15.4	0.00	0.5	13.0	12:30p	SSW
7	75.3	86.1	12:00p	69.3	4:30a	0.0	10.3	1.41	0.4	14.0	5:30p	N
8	65.1	71.5	5:00a	57.8	12:00m	1.7	1.8	0.60	1.4	14.0	7:00a	N
9	59.2	61.0	4:00p	57.0	1:30a	5.8	0.0	1.34	3.4	18.0	8:00p	ENE
10	65.1	70.4	6:00p	59.9	4:30a	1.8	1.9	0.07	1.4	20.0	4:30a	ENE
11	68.4	71.6	2:30p	66.3	5:00a	0.0	3.4	0.06	0.3	6.0	11:30a	N
12	72.5	80.5	1:30p	67.3	12:30a	0.0	7.5	0.36	0.1	10.0	3:00p	N
13	73.6	77.7	11:30a	71.1	5:30a	0.0	8.6	0.03	0.8	11.0	9:00a	ENE
14	71.5	73.9	5:00p	69.6	11:30p	0.0	6.5	0.05	1.5	14.0	12:30p	ENE
15	71.8	80.7	1:30p	65.0	12:00m	0.0	6.8	0.00	0.8	11.0	11:00a	ENE
16	70.4	78.6	2:30p	61.8	4:30a	0.4	5.7	0.00	0.7	11.0	2:00p	ENE
17	73.6	76.5	12:00p	69.3	12:30a	0.0	8.6	0.50	0.8	16.0	6:00p	ESE
18	73.7	81.2	4:00p	66.1	11:00p	0.0	8.7	0.30	0.6	14.0	3:30p	SSE
19	72.2	83.0	2:30p	62.4	6:00a	0.2	7.4	0.00	0.9	11.0	9:30a	NNW
20	70.6	80.9	3:30p	60.4	5:00a	0.8	6.4	0.00	0.3	7.0	12:30p	ESE
21	70.5	72.8	3:30p	67.6	5:00a	0.0	5.5	0.00	0.5	12.0	11:30a	S
22	67.4	74.2	9:00a	56.6	11:00p	1.8	4.2	0.02	1.0	13.0	9:30a	NNW
23	59.3	61.5	2:30p	57.0	12:30a	5.7	0.0	0.92	0.3	6.0	11:30a	N
24	61.8	64.7	1:30p	59.3	1:00a	3.2	0.0	0.24	1.9	16.0	1:00p	ENE
25	70.0	78.3	2:00p	62.0	12:30a	0.4	5.5	0.19	0.2	13.0	1:30p	ENE
26	74.4	85.9	3:30p	67.3	1:30a	0.0	9.4	0.72	0.6	18.0	5:30p	SSW
27	60.0	67.3	12:30a	55.3	5:00p	5.0	0.1	1.11	0.2	9.0	9:00p	NE
28	62.6	74.7	4:00p	56.2	12:00m	4.2	1.8	0.37	0.7	12.0	11:00a	WSW
29	63.6	76.1	2:30p	54.1	6:30a	4.4	3.0	0.00	0.7	14.0	12:00p	WSW
30	62.7	76.1	3:30p	51.9	4:30a	4.9	2.6	0.00	0.1	7.0	12:00p	S
-	70.3	94.0	6	51.9	30	40.3	200.2	8.29	0.7	20.0	10	ENE

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

105Sep2018.TXT

Min <= 0.0: 0

Max Rain: 1.41 ON 09/07/18

Days of Rain: 17 (>.01 in) 12 (>.1 in) 3 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

1060ct2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for OCT. 2018

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	67.7	82.6	3:30p	55.0	6:30a	3.0	5.6	0.00	0.3	10.0	9:00a	SSW
2	70.3	81.4	2:00p	58.6	5:00a	1.6	6.9	0.01	0.4	11.0	12:00p	S
3	71.1	81.2	4:00p	61.5	12:00m	0.4	6.3	0.00	0.7	13.0	2:00p	W
4	72.0	87.4	3:00p	59.8	2:00a	0.9	7.9	0.58	0.7	14.0	5:30p	SSW
5	65.2	71.1	12:30a	62.4	8:00p	0.9	1.1	0.01	0.6	12.0	7:30a	NNE
6	67.6	72.0	2:30p	62.4	1:00a	0.6	3.1	0.00	0.0	5.0	2:00p	ESE
7	74.5	85.7	3:00p	67.4	12:00m	0.0	9.5	0.00	0.1	7.0	2:00p	SSE
8	73.2	81.4	1:30p	66.9	12:30a	0.0	8.2	0.01	0.3	7.0	3:30p	E
9	72.9	81.2	2:30p	67.1	10:30p	0.0	7.9	0.00	0.2	9.0	12:30p	E
10	74.4	83.0	3:00p	68.1	12:30a	0.0	9.4	0.00	0.4	10.0	12:00p	ESE
11	73.6	79.9	1:30p	66.9	12:00m	0.0	8.6	0.77	0.8	13.0	12:00m	S
12	55.9	67.1	12:30a	46.7	11:00p	9.1	0.0	0.00	3.6	24.0	9:00a	W
13	49.9	57.0	2:30p	41.3	12:00m	15.1	0.0	0.07	2.2	21.0	10:30a	W
14	49.5	55.0	3:00p	40.6	1:00a	15.5	0.0	0.03	0.0	5.0	11:30a	ESE
15	61.7	68.9	10:00p	54.4	12:30a	3.7	0.4	0.15	1.0	17.0	10:00p	S
16	53.4	61.8	12:30a	49.6	8:30p	11.6	0.0	0.00	1.4	17.0	12:30a	W
17	47.6	49.5	12:30a	46.4	4:00a	4.3	0.0	0.00	0.0	5.0	4:30a	WSW
18												
19	57.4	63.1	1:30p	44.8	9:00a	4.9	0.0	0.01	1.5	14.0	1:30p	S
20	56.5	65.0	3:30p	48.8	11:30p	8.5	0.0	0.06	2.2	24.0	9:00p	WSW
21	45.6	51.4	12:00p	37.3	12:00m	19.4	0.0	0.01	4.8	24.0	1:00p	WSW
22	43.0	55.6	2:00p	29.3	6:30a	22.0	0.0	0.00	0.9	15.0	11:30a	S
23	53.6	67.8	3:00p	38.9	7:00a	11.7	0.3	0.00	2.1	18.0	1:30p	SW
24	44.9	53.3	1:30p	33.1	12:00m	20.1	0.0	0.00	1.6	21.0	9:30a	WNW
25	40.9	52.3	1:30p	28.8	6:30a	24.1	0.0	0.00	0.8	13.0	1:30p	WSW
26	41.9	47.0	3:30p	33.8	4:30a	23.1	0.0	0.53	0.8	11.0	3:30p	ENE
27	47.7	49.1	4:00a	46.4	9:30p	17.3	0.0	0.42	1.9	15.0	3:30a	W
28	49.9	56.3	3:00p	45.8	5:00a	15.1	0.0	0.06	1.5	19.0	12:00p	WSW
29	49.3	56.5	9:30a	37.2	12:00m	15.7	0.0	0.00	3.0	22.0	12:30p	WSW
30	45.5	60.2	1:30p	32.8	5:30a	19.5	0.0	0.00	1.5	18.0	9:30a	WSW
31	52.7	68.1	12:30p	36.3	5:30a	12.7	0.4	0.00	0.3	7.0	9:30a	ESE
--												
	57.6	87.4	4	28.8	25	280.8	75.6	2.72	1.2	24.0	12	W

Max >= 90.0: 0

1060ct2018.TXT

Max <= 32.0: 0

Min <= 32.0: 2

Min <= 0.0: 0

Max Rain: 0.77 ON 10/11/18

Days of Rain: 9 (>.01 in) 5 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

107Nov2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for NOV. 2018

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	62.3	74.4	1:00p	45.4	5:30a	5.2	2.5	0.00	1.3	22.0	10:00p	S
2	64.8	70.9	12:00p	53.6	12:00m	2.4	2.1	0.90	1.5	25.0	7:30p	S
3	48.2	56.0	2:00p	34.7	12:00m	16.8	0.0	0.01	3.7	27.0	9:30a	WSW
4	44.9	54.7	12:30p	31.0	6:00a	20.1	0.0	0.00	0.7	11.0	2:00p	E
5	51.0	52.9	8:30a	48.0	9:30a	14.0	0.0	0.85	0.9	12.0	3:30a	NNW
6	54.5	59.0	2:30p	46.2	12:00m	10.5	0.0	0.47	0.3	9.0	6:30a	ESE
7	53.1	59.9	10:00a	42.2	2:30a	11.9	0.0	0.00	1.1	14.0	9:00a	WSW
8	47.4	54.8	1:30p	40.2	8:30p	17.6	0.0	0.00	0.9	12.0	7:30a	NNW
9	44.9	48.5	11:00a	42.8	2:30a	20.1	0.0	0.51	0.9	10.0	8:30p	E
10	37.2	43.8	12:30a	29.4	9:30p	27.8	0.0	0.00	4.8	31.0	9:00a	W
11	33.2	47.4	2:30p	22.9	6:00a	31.8	0.0	0.00	0.4	9.0	10:00a	WSW
12	38.5	47.1	1:30p	25.1	12:30a	26.5	0.0	0.54	0.3	7.0	11:00a	ESE
13	42.7	46.2	12:00p	38.9	12:00m	22.3	0.0	0.33	2.3	17.0	11:00p	W
14	37.1	41.2	11:00a	34.1	6:00a	27.9	0.0	0.00	2.1	17.0	9:30a	W
15	33.2	37.9	8:30p	29.0	8:00a	31.8	0.0	0.95	2.7	19.0	4:00p	N
16	38.7	43.8	1:30p	33.5	12:30a	26.3	0.0	0.27	4.0	24.0	1:00p	WSW
17	38.7	46.2	2:30p	27.6	12:00m	26.3	0.0	0.00	1.9	15.0	11:00a	WSW
18	36.2	48.9	2:00p	26.3	5:30a	28.8	0.0	0.00	0.3	11.0	10:00a	ESE
19	42.4	59.2	12:30p	29.4	5:00a	22.6	0.0	0.01	0.1	6.0	2:00p	ESE
20	43.6	49.5	10:00a	36.2	12:00m	21.4	0.0	0.00	3.7	25.0	10:00a	W
21	38.4	50.7	1:30p	25.3	6:00a	26.6	0.0	0.00	3.2	19.0	2:00p	W
22	26.3	36.3	12:30a	19.1	9:00p	38.7	0.0	0.00	2.6	15.0	1:00a	NNW
23	26.8	31.3	1:00p	23.3	5:30a	28.6	0.0	0.00	0.9	7.0	1:30p	ESE
24	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
25	57.4	59.5	2:00p	50.4	10:00a	1.9	0.0	0.00	0.8	14.0	12:00p	SW
26	---	---	---	---	---	0.0	0.0	0.00	0.0	0.0	---	---
27	37.9	39.6	10:30a	35.6	3:30p	7.9	0.0	0.00	2.9	27.0	10:00a	W
28	32.0	36.8	12:00p	28.4	12:00m	23.4	0.0	0.00	5.9	33.0	10:30a	WSW
29	32.3	38.6	12:00p	28.2	12:30a	32.7	0.0	0.00	3.4	16.0	9:30a	WSW
30	37.4	42.6	12:00p	31.8	12:30a	27.6	0.0	0.01	0.1	7.0	1:00p	NNW
--												
	42.2	74.4	1	19.1	22	599.5	4.6	4.85	1.8	33.0	28	WSW

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

107Nov2018.TXT

Min <= 32.0: 14

Min <= 0.0: 0

Max Rain: 0.95 ON 11/15/18

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

108Dec2018.TXT  
MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2018

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	37.5	44.2	12:00m	27.8	6:30a	27.5	0.0	0.25	0.2	7.0	9:00p	ENE
2	50.4	56.7	11:00p	44.2	12:30a	14.6	0.0	0.11	0.4	13.0	11:00p	S
3	48.9	55.0	10:30a	40.2	12:00m	16.1	0.0	0.00	3.4	20.0	10:00a	W
4	34.6	40.2	12:30a	23.2	12:00m	30.4	0.0	0.00	1.6	15.0	1:00a	W
5	29.5	36.0	2:30p	22.9	12:30a	35.5	0.0	0.00	0.9	10.0	11:30a	W
6	35.2	40.8	1:30p	26.6	12:30a	29.8	0.0	0.00	1.9	16.0	10:00a	SW
7	31.2	38.9	1:00p	19.1	12:00m	33.8	0.0	0.00	2.2	17.0	2:00p	WNW
8	25.4	35.3	1:00p	15.9	6:00a	39.6	0.0	0.00	1.0	15.0	11:30a	W
9	28.1	31.2	1:30p	24.2	1:30a	36.9	0.0	0.00	0.3	7.0	11:30p	NNW
10	27.0	36.8	2:30p	19.1	12:00m	38.0	0.0	0.00	1.2	13.0	9:00a	NNW
11	27.9	42.1	2:30p	16.1	6:00a	37.1	0.0	0.00	0.9	16.0	12:30p	WSW
12	33.7	43.2	1:00p	27.5	10:00p	31.3	0.0	0.00	0.4	10.0	11:00a	WSW
13	38.0	48.8	1:00p	31.2	11:00p	27.0	0.0	0.00	0.3	7.0	12:30p	ENE
14	40.3	44.9	1:30p	29.0	2:30a	24.7	0.0	0.22	0.0	4.0	8:00a	ENE
15	49.6	52.6	2:30p	44.6	12:30a	15.4	0.0	2.45	1.8	15.0	9:30p	N
16	41.1	46.1	12:30a	36.5	11:00p	23.9	0.0	0.19	2.5	15.0	3:30a	NNW
17	43.0	52.9	1:30p	37.5	12:30a	22.0	0.0	0.00	4.2	26.0	1:30p	WSW
18	34.9	42.8	2:00p	23.5	11:30p	30.1	0.0	0.00	2.6	19.0	10:00a	W
19	31.6	48.0	1:30p	20.8	6:30a	33.4	0.0	0.00	0.2	10.0	2:00p	ESE
20	37.8	60.2	12:00m	24.4	4:30a	27.2	0.0	0.58	0.8	21.0	12:00m	ESE
21	57.0	62.3	1:00p	41.2	12:00m	8.0	0.0	0.23	2.8	23.0	11:30p	ESE
22	41.9	47.4	11:30a	36.0	11:30p	23.1	0.0	0.02	6.4	31.0	10:30a	WSW
23	38.1	47.6	12:30p	26.3	6:30a	26.9	0.0	0.01	0.6	11.0	11:00a	SSW
24	38.8	44.2	2:00p	33.2	11:30p	26.2	0.0	0.00	3.4	22.0	2:00p	WSW
25	31.6	38.8	2:00p	22.1	12:00m	33.4	0.0	0.00	0.7	10.0	8:00a	WNW
26	30.8	46.7	1:30p	20.3	6:30a	34.2	0.0	0.00	0.5	10.0	12:30p	SW
27	37.2	49.6	1:30p	22.2	6:30a	27.8	0.0	0.02	1.0	11.0	1:30p	ESE
28	47.5	52.6	1:00p	40.2	1:00a	17.5	0.0	0.89	0.3	11.0	4:00p	W
29	43.7	51.9	9:30a	32.4	12:00m	21.3	0.0	0.00	2.0	18.0	9:00a	WNW
30	35.9	46.7	2:00p	29.1	3:00a	29.1	0.0	0.00	0.1	6.0	12:00p	SSE
31	38.9	51.3	12:00m	27.6	3:00a	26.1	0.0	0.51	0.3	10.0	11:00p	E
--												
	37.6	62.3	21	15.9	8	847.9	0.0	5.48	1.4	31.0	22	W

Max >= 90.0: 0

108Dec2018.TXT

Max <= 32.0: 1

Min <= 32.0: 21

Min <= 0.0: 0

Max Rain: 2.45 ON 12/15/18

Days of Rain: 11 (>.01 in) 9 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration