

ACON MD / DE
NOVEMBER 1998 TEMPERATURES

OBSERVER	COUNTY/STATE	STATION	AVERAGE TEMP			EXTREME TEMP			DAYS WITH TEMP				PEAK WIND			NUMBER OF DAYS WITH				OBSER TIME		
			MAX	MIN	TEMP	MAX	DAY	MIN	DAY	MAX	MAX	MIN	MIN	GUST	DIR	DAY	THUN	HAIL	GLAZE		SLEET	-DER
									>=90	<=32	<=32	<=0										
Baltimore NWS ASOS	Anne Arundel	BWI Airport	58.4	33.8	46.1	73	29	24	5	0	0	11	0								2400	
Hanson, Dan	Anne Arundel	Millersville 1 SE	57.9	33.1	45.5	72	29	23	5	0	0	13	0	32	NW	27					2400	
Jug Bay Wetlands	Anne Arundel	Lothian	61.9	33.8	47.9	75	30	23	5	0	0	13	0								0900	
<i>ANNE ARUNDEL COUNTY, MD AVERAGES/EXTREMES</i>			59.4	33.6	46.5	75	30	23	5													
Kreinik, Al	Baltimore	Parkton 5 SW	57.1	32.7	44.9	72	29	22	5	0	0	16	0	38	WNW	26	0	0	0	0	2200	
Sharrow, Marty	Baltimore	Owings Mills 2 SE	55.6	31.7	43.7	70	29	21	5	0	0	18	0	32	NW*	26*	1	0	0	0	2400	
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			56.4	32.2	44.3	72	29	21	5					38	WNW	26						
Manfre, Joe	Baltimore City	Baltimore 2 SE	59.8	44.5	52.2	75	29	36	5	0	0	0	0								1800	
Maryland Science Ctr	Baltimore City	Baltimore Inner Harbor	58.9	44.3	51.6	74	29	36	5	0	0	0	0								2400	
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			59.4	44.4	51.9	75	29	36	5													
Close Jr, Herb	Carroll	Manchester 1 SW	56.1	37.5	46.8	70	29	25	5	0	0	5	0	41		11	0	0	0	0	2100	
Hartsock, Ralph	Carroll	Westminster 4 SSE	54.0	35.7	44.9	67	29	25	5	0	0	10	0	46		10	0	0	0	0	2200	
Miller, Bobby	Carroll	Millers 4 NE	55.7	36.3	46.0	70	29	23	5	0	0	8	0	43	W	11	0	0	0	1	1800	
Muller, Ray	Carroll	Finksburg																			2200	
Rickell, Robert	Carroll	Union Mills 2 SE	53.9	36.3	45.1	68	29	24	5	0	0	4	0				0	0	0	1	2100	
<i>CARROLL COUNTRY, MD AVERAGES/EXTREMES</i>			54.9	36.5	45.7	70	29	23	5					46		10						
Brumback, Marty	Charles	Indian Head																			0600	
Thomas, Jack	Frederick	Thurmont, Middle Mt.	51.2	35.0	43.1	66	30	25	5	0	0	8	0	27	WNW	27					2200	
Harvey, Rebecca	Garrett, MD	Eagle Rock	52.6	33.6	43.1	68	30	17	5	0	0	15	0								1300	
Schlosser, Paul	Harford, MD	Kingsville 1 S	57.7	36.9	47.3	73	29	26	5	0	0	7	0				0	0	0	0	2200	
Giannola, Rich	Howard, MD	Laurel JHU / APL	58.0	38.1	48.1	75	29	29	5	0	0	7	0	34		11					2400	
Cohen, Rob	Montgomery	Potomac 4 N	57.5	35.8	46.7	73	29	25	5	0	0	9	0				0	0	0	0	2100	
Giannola, Rich	Montgomery	Olney	58.3	33.5	45.9	72	29	23	5	0	0	12	0				1	0	0	0	2400	
Rossen, Stan	Montgomery	Glenmont 1 NNE																			2400	
Rossen, Stan	Montgomery	Rockville Mont College	58.9	41.9	50.4	76	29	31	5	0	0	1	0	34	W	26	0	0	0	0	2400	
Shaw, Kevin	Montgomery	Gaithersburg 2 WNW	57.2	32.1	44.7	72	29	21	5	0	0	17	0	22	NNW	26	0	0	0	1	2400	
Terry, Joe	Montgomery	Forest Glen	60.1	36.4	48.3	75	29	25	5	0	0	5	0	29		19	1	0	0	0	2400	
Windolph, Raoul	Montgomery	Dawsonville	-	-	-	-	-	-	-	-	-	-	-				0	0	0	0	2359	
Wash Gas Light	Montgomery	Rockville 1 NE	57.9	37.5	47.7	70	29	28	5	0	0	5	0				1	0	0	0	2400	
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			58.3	36.2	47.3	76	29	21	5					34	W	26						
Canavan, Jim	New Castle	Wilmington 4 NNE	58.7	38.0	48.4	73	29	28	5	0	0	5	0								2400	
Gallaher, Gary	New Castle	Bear 2 SW	57.6	33.6	45.6	72	29	25	5	0	0	17	0	37	WNW	26	0	0	0	0	2400	
Wilmington NWS ASOS	New Castle	NCC Airport	57.4	36.4	46.9	70	29	27	5	0	0	8	0	40	SW						2400	
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			57.9	36.0	47.0	73	29	25	5					40	SW							

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OBSERVER	COUNTY/STATE	STATION	AVERAGE TEMP			EXTREME TEMP				DAYS WITH TEMP				PEAK WIND			NUMBER OF DAYS WITH				OBSER TIME	
			MAX	MIN	TEMP	MAX	DAY	MIN	DAY	MAX	MAX	MIN	MIN	GUST	DIR	DAY	THUN	HAIL	GLAZE	SLEET		-DER
Hudelson, Bill	Prince Georges	South Bowie	57.4	37.4	47.4	70	11	27	5	0	0	6	0	27	NW	26	1	0	0	0	2400	
Abell, Floyd	St Marys, MD	Hollywood	61.7	36.9	49.3	75	29	25	22	0	0	6	0	33		11	1	0	0	0	2359	
Bubb, Clinton	St Marys, MD	Morganza	59.6	34.6	47.1	73	30	24	22	0	0	9	0	28	WSW	26	1	0	0	0	2400	
Walchli, Marlene	St Marys, MD	California																			2100	
Zyla, John	St Mary's, MD	Ridge	60.4	44.1	52.3	72	30	34	22	0	0	0	0	30		11	1	0	0	0	2400	
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			60.6	38.5	49.6	75	29	24	22					33		11						
Keefer, Greg	Washington, MD	Hagerstown 1 E	58.1	33.8	46.0	74	29	21	5	0	0	12	0	36	NW	27	0	0	0	0	2400	
Vaughn, Jim	Washington, MD	Smithsburg	56.1	36.3	46.2	68	30	20	5	0	0	6	0				0	0	0	0	2000	
<i>WASHINGTON, MD AVERAGE/EXTREMES</i>			57.1	35.1	46.1	74	29	20	5													
Boggs, Kenny	Worcester, MD	Whaleysville	58.5	35.2	46.9	76	30	22	5	0	0	13	0				0	0	0	0	0730	
Wash Dulles NWS ASOS	Loudon, VA	Dulles Airport	59.1	32.0	45.6	73	29	20	5	0	0	15	0								2400	
Wash National NWS	Arlington, VA	National Airport	59.4	41.1	50.3	72	29	31	5	0	0	2	0								2400	

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Rossen, Stan	Montgomery	Rockville Mont College	67.0	50.6	58.8	79	18	41	23+	0	0	0	0	30	WSW	1	0	0	0	0	2400
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ACON MD / DE
NOVEMBER 1998 PRECIPITATION

OBSERVER	COUNTY/STATE	STATION	PRECIPITATION						SNOWFALL					BAROMETER		OBSER TIME	
			TOTAL	MAX CAL DAY	DATE	DAYS >=.01"	DAYS >=1"	YEAR	TOTAL	MAX CAL DAY	DATE	DAYS >=.1"	DAYS >=1.0"	SEASON	MAX		MIN
Baltimore NWS ASOS	Anne Arundel	BWI Airport	1.13	0.62	26	5	0	33.12	0.0	0.0		0	0				2400
Hanson, Dan	Anne Arundel	Millersville 1 SE	0.93	0.49	26	6	0	32.49	0.0	0.0		0	0	0.0	30.47	29.70	2400
Jug Bay Wetlands	Anne Arundel	Lothian	1.06	0.32	26	11	0	40.51									0900
<i>ANNE ARUNDEL COUNTY, MD AVERAGE/EXTREMES</i>			1.04	0.62	26			34.62	0.0	0.0							
Kreinik, Al	Baltimore	Parkton 5 SW	1.13	0.58	26	6	0	42.70	0.0	0.0		0	0	0.0	30.44	29.68	2200
Sharrow, Marty	Baltimore	Owings Mills 2 SE	1.26	0.74	26	5	0	45.48	0.0	0.0		0	0	0.0			2400
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			1.20	0.74	26			42.47	0.0	0.0				0.0			
Manfre, Joe	Baltimore City	Baltimore 2 SE	1.01	0.57	26	6	0	35.03	0.0	0.0		0	0	0.0			1800
Maryland Science Ctr	Baltimore City	Baltimore Inner Harbor	1.11	0.62	26	6	0	17.08	0.0	0.0							2400
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			1.06	0.62	26			36.44	0.0	0.0							
Close Jr, Herb	Carroll	Manchester 1 SW	0.98	0.54	26	4	0	46.51	0.0	0.0		0	0	0.0			2100
Hartsock, Ralph	Carroll	Westminster 4 SSE	0.97	0.50	26	5	0	37.51	0.0	0.0		0	0	0.0			2200
Miller, Bobby	Carroll	Millers 4 NE	1.00	0.56	26	5	0	45.14	T	T	3	0	0	T	30.47	29.68	1800
Muller, Ray	Carroll	Finksburg															2200
Rickell, Robert	Carroll	Union Mills 2 SE	1.22	0.60	26	5	0	46.58	T	T	3	0	0	T			2100
<i>CARROLL COUNTY, MD AVERAGES/EXTREMES</i>			1.04	0.60	26			44.33	T	T	3			T			
Brumback, Marty	Charles, MD	Indian Head						22.56M									2000
Thomas, Jack	Frederick	Thurmont, Middle Mt.	0.78	0.43	26	3	0	34.13	0.0	0.0		0	0	0.0			2200
Harvey, Rebecca	Garrett, MD	Eagle Rock	0.72	0.26	26	9	0	43.99	0.3	0.2	6	2	0	1.5			1300
Schlosser, Paul	Harford, MD	Kingsville 1 S	1.37	0.74	26	5	0	47.08	0.0	0.0		0	0	0.0			2200
Giannola, Rich	Howard	Laurel JHU / APL	1.23	0.57	26	6	0	35.69	0.0	0.0		0	0	0.0	30.48	29.76	2400
Cohen, Rob	Montgomery	Potomac 4 N	1.23	0.55	26	4	0	38.24	0.0	0.0		0	0	0.0			2100
Giannola, Rich	Montgomery	Olney	1.44	0.62	26-27	6	0	41.84	0.0	0.0		0	0	0.0			2400
Rossen, Stan	Montgomery	Glenmont 1 NNE															2400
Rossen, Stan	Montgomery	Rockville Mont College	1.12	0.47		6	0	34.38	0.0	0.0		0	0	0.0	30.46	29.78	2400
Shaw, Kevin	Montgomery	Gaithersburg 2 WNW	1.40	0.60	11	6	0	41.13	T	T	3	0	0	T	30.38	29.62	2400
Terry, Joe	Montgomery	Forest Glen	1.50	0.72	11	6	0	42.52	0.0	0.0		0	0	0.0	30.48	29.73	2400
Windolph, Raoul	Montgomery	Dawsonville	1.47	0.72	11	7	0	38.07	0.0	0.0		0	0	0.0			2359
Wash Gas Light	Montgomery	Rockville 1 NE	1.07	0.48	26	5	0	33.57	0.0	0.0		0	0	0.0			2400
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			1.32	0.72	11			37.93	T	T	3			T			
Canavan, Jim	New Castle	Wilmington 4 NNE	1.39	0.79	26	5	0	33.85	0.0	0.0		0	0	0.0			2400
Gallaher, Gary	New Castle	Bear 2 SW	1.40	0.79	26	3	0	35.65	0.0	0.0		0	0	0.0	30.49	29.70	2400
Wilmington NWS ASOS	New Castle	NCC Airport	1.27	0.68	26	5	0	35.52	-	-		-	-				2400
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			1.35	0.79	26			35.02	0.0	0.0				0.0			

**ACON MD / DE
NOVEMBER 1998 PRECIPITATION**

OBSERVER	COUNTY/STATE	STATION	PRECIPITATION						SNOWFALL					BAROMETER		OBSER TIME	
			TOTAL	MAX CAL DAY	DATE	DAYS >=0.01"	DAYS >=1"	YEAR	TOTAL	MAX CAL DAY	DATE	DAYS >=0.1"	DAYS >=1.0"	SEASON	MAX		MIN
Hudelson, Bill	Prince Georges	South Bowie	1.05	0.49	26	6	0	41.88	0.0	0.0		0	0	0.0	30.51	29.76	2400
Abell, Floyd	St Marys, MD	Hollywood	1.13	0.43	26	6	0	46.91	0.0	0.0		0	0	0.0			2359
Bubb, Clinton	St Marys, MD	Morganza	1.27	0.47	26	7	0	40.29	0.0	0.0		0	0	0.0	30.50	29.74	2400
Walchli, Marlene	St Marys, MD	California						46.81M									2100
Zyla, John	St Marys, MD	Ridge	1.40	0.42	3	7	0	42.57	0.0	0.0		0	0	0.0	30.50	29.74	2400
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			1.27	0.47	26			44.45	0.0	0.0				0.0			
Keefe, Greg	Washington, MD	Hagerstown 1 E	0.62	0.24	11	5	0	41.78	0.0	0.0		0	0	0.0	30.51	29.70	2400
Vaughn, Jim	Washington, MD	Smithsburg	0.58	0.25	26	3	0	43.93	0.0	0.0		0	0	0.0			2000
<i>WASHINGTON COUNTY, MD AVERAGE/EXTREMES</i>			0.60	0.25				44.12	0.0	0.0							
Boggs, Kenny	Worcester, MD	Whaleysville	1.20	0.40	26+	4	0	43.76	0.0	0.0		0	0	0.0	30.40	29.80	0730
Wash Dulles NWS ASOS	Loudon, VA	Dulles Airport	1.21	0.44	11	8	0	35.90	0.0	0.0		0	0				2400
Wash National NWS	Arlington, VA	National Airport	0.91	0.39	26	7	0	34.19	0.0	0.0		0	0				2400

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Rossen, Stan	Montgomery	Rockville Mont College	1.53	1.38	8	5	1	33.26	0.0	0.0		0	0	0.0	30.41	29.75	2400
Windolph, Raoul	Montgomery	Dawsonville	1.88	1.70	8	5	1	36.60	0.0	0.0		0	0	0.0			2359

Data not submitted for every category

M = Missing data
 "+ = Also occurred on an earlier date(s)
 "> = Included in following days data.
 "** = ASOS gauge malfunction

Compiled by Gary Gallaher
12/15/1998