

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

APRIL 1995

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### TEMPERATURE AND PRECIPITATION EXTREMES

#### MARYLAND

HIGHEST TEMPERATURE	91	APRIL 19	BALTIMORE CITY	R
LOWEST TEMPERATURE	15	APRIL 6+	2 STATIONS	
GREATEST TOTAL PRECIPITATION	4.60		ASSATEAGUE IS NATL SEA	
LEAST TOTAL PRECIPITATION	1.20		POTOMAC FILTER PLANT	
GREATEST 1 DAY PRECIPITATION	2.63	APRIL 30	ASSATEAGUE IS NATL SEA	
GREATEST TOTAL SNOWFALL	2.5		FROSTBURG 2	
GREATEST DEPTH OF SNOW OR ICE	1	APRIL 24	FROSTBURG 2	

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# TEMPERATURE AND PRECIPITATION EXTREMES

## DELAWARE

HIGHEST TEMPERATURE	85	APRIL 20	LEWES
LOWEST TEMPERATURE	23	APRIL 5	NEWARK UNIVERSITY FARM
GREATEST TOTAL PRECIPITATION	2.46		GREENWOOD 2 NE
LEAST TOTAL PRECIPITATION	1.57		DOVER
GREATEST 1 DAY PRECIPITATION	1.20	APRIL 13	GREENWOOD 2 NE

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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			
											MAX		MIN	
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
<b>MARYLAND</b>														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE IS NATL SEA	63.3	45.5	54.4		85	22	31	6+	317	6	0	0	2	0
PRINCESS ANNE	70.6	39.6	55.1	1.1	85	20+	24	3	299	10	0	0	6	0
SALISBURY	72.0	42.8	57.4	2.3	87	19	22	6	244	21	0	0	5	0
SALISBURY FAA ARPT	68.1	43.0	55.6	1.9	87	19	26	6+	297	22	0	0	4	0
SNOW HILL 4 N	70.3	41.3	55.8	1.9	85	22	23	3	288	17	0	0	5	0
--DIVISIONAL DATA-->			55.7	1.5										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	66.8	45.0	55.9	1.0	81	19	30	6	271	8	0	0	3	0
VIENNA	69.9	43.3	56.6	1.2	82	22+	28	6+	259	16	0	0	3	0
--DIVISIONAL DATA-->			56.3	1.5										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	70.3	42.2	56.3	1.9	90	19	27	6+	278	20	1	0	4	0
OWINGS FERRY LANDING	70.2	41.7	56.0	1.4	89	19	26	6+	280	17	0	0	4	0
--DIVISIONAL DATA-->			56.2	1.3										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	68.4	44.5	56.5	1.7	88	19	30	5+	271	16	0	0	4	0
BALTIMORE WSO ARPT R	66.8	43.5	55.2	1.8	90	19	30	6+	307	20	1	0	4	0
COLLEGE PARK	67.5	43.4	55.5	1.5	90	20	29	6+	296	16	1	0	3	0
DALECARLIA RESERVOIR	71.6	40.4	56.0	1.0	90	19	27	26+	283	20	1	0	5	0
GLENN DALE BELL STN	70.0	39.0	54.5	.9	90	20+	21	5	325	13	2	0	5	0
LAUREL 3 W	66.4	43.1	54.8	.8	88	19	26	5	310	12	0	0	2	0
NATIONAL ARBORETUM DC	66.9	39.7	53.3	-.7	90	20	29	6+	346	5	1	0	3	0
--DIVISIONAL DATA-->			55.1	1.2										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	65.5	42.3	53.9	.5	87	19	24	5	332	8	0	0	3	0
MILLINGTON 1 SE	67.7	39.6	53.7	1.3	83	20+	26	3	340	6	0	0	6	0
--DIVISIONAL DATA-->			53.8	.4										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL M		M	M		84	20	24	5			0	0	3	0
BALTIMORE CITY R	67.8	47.9	57.9	1.3	91	19	32	5	241	32	1	0	1	0
CATOCTIN MOUNTAIN PARK	62.9	38.1	50.5		86	20	19	5	432	3	0	0	8	0
CONOWINGO DAM	64.6	37.9	51.3	-.1	80	27+	21	6	411	3	0	0	9	0
DAMASCUS 2 SSW	62.9	38.0	50.5		88	19	23	5+	436	6	0	0	8	0
EMMITSBURG 2 SE	65.9	37.1	51.5	.0	86	19	23	3	403	5	0	0	6	0
FREDERICK POLICE BRKS	68.6	42.2	55.4		90	20	28	6+	292	12	1	0	5	0
MILLERS 4 NE	63.8	39.4	51.6		84	19	23	5	401	5	0	0	6	0
ROCKVILLE 1 NE	64.2	42.7	53.5	1.1	88	19	26	5	354	14	0	0	4	0
TOWSON	67.0	36.0	51.5	-2.0	88	19	23	1	401	6	0	0	12	0
UNIONVILLE	66.2	35.5	50.9	2.1	86	19	23	3+	418	3	0	0	12	0
WESTMINSTER POL BRKS	66.3	35.5	50.9	-1.0	87	20+	19	5	416	1	0	0	7	0
WOODSTOCK	68.2	39.2	53.7	1.1	90	19	24	3	346	13	1	0	6	0
--DIVISIONAL DATA-->			52.4	-.2										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	67.6	39.6	53.6	.0	85	19	22	5	342	7	0	0	6	0
FROSTBURG 2	55.7	33.5	44.6		76	20	15	6	605	0	0	0	12	0
HANCOCK	63.0M	35.7	49.4M	-1.0	87	20	24	5+	471	4	0	0	11	0
--DIVISIONAL DATA-->			49.2	-2.3										
ALLEGHENY PLATEAU 08														
OAKLAND-1 SE	61.1	34.5	47.8	1.1	76	19	15	5	512	3	0	0	11	0
SAVAGE RIVER DAM	59.2	33.6	46.4	-1.3	82	20	18	6	552	0	0	0	12	0
--DIVISIONAL DATA-->			47.1	.3										
<b>DELAWARE</b>														
NORTHERN 01														
NEWARK UNIVERSITY FARM	67.6	39.7	53.7	1.1	84	20+	23	5	341	6	0	0	6	0
WILMINGTON WSO ARPT R	62.6	40.4	51.5	-.7	84	19	24	5	401	4	0	0	5	0
WILMINGTON PORTER RSVR	61.5	41.5	51.5	.0	81	19	24	5	401	2	0	0	3	0
--DIVISIONAL DATA-->			52.2	.0										
SOUTHERN 02														
DOVER	66.9	43.7	55.3	1.2	81	20+	28	5	290	7	0	0	3	0
GEORGETOWN 5 SW M		M	M		84	19	24	6	313	8	0	0	5	0
GREENWOOD 2 NE	67.3	41.8	54.6		84	19	24	6	313	8	0	0	5	0
LEWES	67.7	44.9	56.3	3.0	85	20+	29	6	274	20	0	0	3	0

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION ( IN )									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
<b>MARYLAND</b>										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE IS NATL SEA	4.60		2.63	30	.0	0		4	3	2
PRINCESS ANNE	3.34	.07	1.71	30	.0	0		3	2	2
SALISBURY	2.70	-.60	1.10	24	.0	0		3	3	1
SALISBURY FAA ARPT	2.89	-.31	1.15	24	.0	0		4	2	2
SNOW HILL 4 N	3.34	.13	1.57	30	.0	0		4	3	2
--DIVISIONAL DATA----->	3.37	.20			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	3.09	-.33	1.56	13	.0	0		4	3	1
VIENNA	2.72	-.67	1.16	13	.0	0		3	3	2
--DIVISIONAL DATA----->	2.91	-.44			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	3.16	-.25	1.39	13	.0	0		4	3	1
OWINGS FERRY LANDING	2.60	-.61	1.08	13	.0	0		4	2	1
--DIVISIONAL DATA----->	2.88	-.31			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	2.12	-1.28	.74	30	.0	0		4	2	0
BALTIMORE WSO ARPT R	1.92	-1.17	.84	30	.0	0		3	2	0
COLLEGE PARK	1.44	-1.82	.92	13	.0	0		3	1	0
DALECARLIA RESERVOIR	1.56	-1.94	.75	30	.0	0		3	1	0
GLENN DALE BELL STN	2.08	-1.35	.96	13	.0	0		5	2	0
LAUREL 3 W	2.54	-.87	.97	12	.0	0		5	2	0
NATIONAL ARBORETUM DC	M 1.52		.70	13	.0	0		3	1	0
--DIVISIONAL DATA----->	1.94	-1.38			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	2.27	-.97	.83	30	.0	0		5	1	0
MILLINGTON 1 SE	2.15	-1.18	.70	13	.0	0		5	2	0
--DIVISIONAL DATA----->	2.21	-1.07			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	1.27	-2.29	.65	13	M .0	0		2	1	0
BALTIMORE CITY R	1.39	-1.85	.69	30	M	M		3	1	0
CATOCTIN MOUNTAIN PARK	1.92		.68	13	.0	0		5	1	0
CONOWINGO DAM	2.18	-1.58	.67	30	.0	0		4	3	0
DAMASCUS 2 SSW	2.39		1.06	12	T	T		6	2	1
EMMITSBURG 2 SE	2.54	-1.23	.65	12	.0	0		7	2	0
FREDERICK POLICE BRKS	1.40		.80	13	.0	0		4	1	0
MILLERS 4 NE	2.29		1.07	13	T	T		4	1	1
ROCKVILLE 1 NE	1.83	-1.36	.78	12	.0	0		6	1	0
TOWSON	1.61	-2.20	.75	30	.0	0		4	1	0
UNIONVILLE	2.18	-1.11	1.00	13	.0	0		4	1	1
WESTMINSTER POL BRKS	2.15	-1.32	1.07	13	.0	0		4	1	1
WOODSTOCK	2.17	-1.33	.70	13	.0	0		5	2	0
--DIVISIONAL DATA----->	1.95	-1.58			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	1.79	-1.40	.49	24	.0	0		5	0	0
FROSTBURG 2	1.98		.39	24+	2.5	1	24	6	0	0
HANCOCK	1.57	-1.66	.49	13	.0	0		5	0	0
--DIVISIONAL DATA----->	1.78	-1.66			.8					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.12	-1.22	.75	24	2.3	T		9	2	0
SAVAGE RIVER DAM	2.52	-.89	.73	24	T	T		8	1	0
--DIVISIONAL DATA----->	2.82	-1.25			1.2					
<b>DELAWARE</b>										
NORTHERN 01										
NEWARK UNIVERSITY FARM	2.10	-1.39	.68	13	.0	0		5	2	0
WILMINGTON WSO ARPT R	2.10	-1.29	.74	12	.0	0		5	2	0
WILMINGTON PORTER RSVR	2.43	-1.58	.70	30	.0	0		5	3	0
--DIVISIONAL DATA----->	2.21	-1.36			.0					
SOUTHERN 02										
DOVER	1.57	-1.93	.69	13	.0	0		6	1	0
GEORGETOWN 5 SW					M	M				
GREENWOOD 2 NE	2.46		1.20	13	.0	0		3	2	1
LEWES	2.40	-1.16	1.07	13	.0	0		3	2	1

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)																	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS							
											MAX		MIN					
	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW														
--DIVISIONAL DATA----->			55.4	2.0														

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION ( IN )										
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, SNOW			NO. OF DAYS			
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
--DIVISIONAL DATA----->	2.14	-1.34			.0						

DAILY PRECIPITATION ( INCHES )

STATION	TOTAL	DAY OF MONTH															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>MARYLAND</b>																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE IS NATL SEA	4.60		.01	.07							.02	.01	.01	.55	.01		
PRINCESS ANNE	3.34													.45		.01	
SALISBURY	2.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SALISBURY FAA ARPT	2.89		T							.05	.04		.15	.38			
SNOW HILL 4 N	3.34		T			T					.01	T	T	.52	T		
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	3.09		T		T						.05			1.56	T		
VIENNA	2.72													1.16			
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	3.16		T		T						.02	.01	T	1.39			
OWINGS FERRY LANDING	2.60		T								.12	.06	.01	1.08			
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	2.12		.02							.06	.21	.02		.73			
BALTIMORE WSO ARPT R	1.92		.01		T				.09	.07	.05		.55				
COLLEGE PARK	1.44										.14	.03		.92			
DALECARLIA RESERVOIR	1.56		.02							.09	.05	.01		.28	.01		
GLENN DALE BELL STN	2.08									.12	.13			.96			
LAUREL 3 W	2.54								.05	.27	.10		.97				
NATIONAL ARBORETUM DC	M 1.52				.02					.05	.06	.05	.03	.70			
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	2.27		.01		T				.06	.24	.01		.36	.42			
MILLINGTON 1 SE	2.15	.05	T							.08	.30	.03	.01	.70			
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	1.27	*	*	.01	T	T			*	.12	.11	T		.65			
BALTIMORE CITY R	1.39								.10	.09	.04		.44				
CATOCTIN MOUNTAIN PARK	1.92		T		T					.04	.35		T	.68			
CONOWINGO DAM	2.18									.22	.63		.56				
DAMASCUS 2 SSW	2.39		T		T				.22	.10	.11		1.06	T	T		
EMMITSBURG 2 SE	2.54		T							.16	.31		.65	.62			
FREDERICK POLICE BRKS	1.40										.29	.05		.80	T		
MILLERS 4 NE	2.29		.06		T					.03	.36	T	T	1.07	.02		
POTOMAC FILTER PLANT	1.20								.04		.04		.74	.05			
ROCKVILLE 1 NE	1.83		T						.14	.15	.10	T	.78	T			
TOWSON	1.61		.01							.10	.40	T	T	T	.05		
UNIONVILLE	2.18								T		.46			1.00			
WESTMINSTER POL BRKS	2.15									.09	.22	T		1.07			
WOODSTOCK	2.17				T					.32	.27	.05	T	.70			
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	1.79					.02				.32	.18	.09		.21			
EDGEMONT	2.03					.03				.08	.27	.10		1.11			
FROSTBURG 2	1.98	T	T	.01	.01	.08				.39	.36	.10	T	.11	.01	.01	
HANCOCK	1.57		.01			.03				.20	.14	.03		.49	.01		
ALLEGHENY PLATEAU 08																	
MERRILL	2.59				.25	.15				.30	.31	.15		.24	.10	.03	
OAKLAND 1 SE	3.12	T	.02		.38				.05	.27	.31		.17	.06	.10		
SAVAGE RIVER DAM	2.52	T	T		.12	.09				.24	.14	.28		.13	.04	.01	
<b>DELAWARE</b>																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	2.10		.03							.18	.22		.02	.68			
WILMINGTON WSO ARPT R	2.10		.01		T				.11	.27	T		.74	.01	T		
WILMINGTON PORTER RSVR	2.43								.03	.52	.03		.51	.31			
SOUTHERN 02																	
DOVER	1.57		T							.10	.22	.03		.69			
GEORGETOWN 5 SW	M																
GREENWOOD 2 NE	2.46		.01		T						.05		T	1.20			
LEWES	2.40		.01			T					.06		.01	1.07			



DAILY PRECIPITATION ( INCHES )

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE IS NATL SEA									.10	1.19						2.63
PRINCESS ANNE									1.15	.02						1.71
SALISBURY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALISBURY FAA ARPT		T				.01			.07	1.15						1.04
SNOW HILL 4 N		T	T			.10				1.12	.02		T			1.57
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW		T				.24	T			.63			T			.61
VIENNA										1.05						.51
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE		T	T		T	.04	T			.75	.15					.80
OWINGS FERRY LANDING						.04				.49	.03					.77
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS		.01					.04			.29						.74
BALTIMORE WSO ARPT R		T				.03	.02	.04		.18	.02			.02		.84
COLLEGE PARK								.06	.27	T	.02					
DALECARLIA RESERVOIR									.30		.05					.75
GLENN DALE BELL STN						.01		.05	.31	T						.50
LAUREL 3 W						.05			.25	.05						.80
NATIONAL ARBORETUM DC	-					.02			.33		.02					.24
NORTHERN EASTERN SHORE 05																
CHESTERTOWN			T			.07	T		.27	T			T			.83
MILLINGTON 1 SE						.10			.24				.02			.62
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL R			T	T		.05	*	*	.33		T		T	*	*	
BALTIMORE CITY									.03							.69
CATOCTIN MOUNTAIN PARK		.06			T	.03			.33	.03			.10			.30
CONOWINGO DAM							.04	.03					.03			.67
DAMASCUS 2 SSW		T	.02	.03	T	T		T	.23	.04			.01			.57
EMMITSBURG 2 SE			.05	.05		.10	T		.15							.45
FREDERICK POLICE BRKS									.15							.11
MILLERS 4 NE		T	T	T	T	.07	T		.19				T			.49
POTOMAC FILTER PLANT									.25	.02						.06
ROCKVILLE 1 NE		T	T				T	T	.22	T			T			.44
TOWSON									.30	T						.75
UNIONVILLE		T			T	.07	.08		.20							.37
WESTMINSTER POL BRKS						.04	.04		.27							.42
WOODSTOCK		T	T			T	T		.23							.60
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2			.05	.08		.08	.02		.49	.20						.05
EDGEMONT			.03	T		T			.29	.02			.10			
FROSTBURG 2			.04	.06	T	.05	T	T	.39	.32	.01		.03			T
HANCOCK			.04						.33	.19			.03			.07
ALLEGHENY PLATEAU 08																
MERRILL			.05	.08		.04		.50		.22			.07			.10
OAKLAND 1 SE	T	.21	.03	T	T	.07			.75	.11			.08			.51
SAVAGE RIVER DAM		T	.19	.07	T	.05	.01	T	.73	.29	.01		.05			.07
<b>DELAWARE</b>																
NORTHERN 01																
NEWARK UNIVERSITY FARM						.05			.30				.04			.58
WILMINGTON WSO ARPT R		T	T		T	.03	T	T	.29				.02			.62
WILMINGTON PORTER RSVR					T	.03			.25				.05			.70
SOUTHERN 02																
DOVER						.10			.28							.15
GEORGETOWN 5 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENWOOD 2 NE							T		.78							.42
LEWES									.81				.04			.40

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE IS NATL SEA	07	MAX	53	58	56	72	44	55	68	62	65	57	56	59	70	57	61
		MIN	39	35	38	38	31	31	44	45	47	44	45	50	50	44	40
PRINCESS ANNE	17	MAX	56	55	60	71	71	58	70	80	82	80	60	75	73	67	60
		MIN	34	32	24	46	29	25	43	36	37	34	41	43	48	42	29
		OBS				27											
SALISBURY	17	MAX															
		MIN															
SALISBURY FAA ARPT	MID	MAX	54	56	62	73	47	59	72	79	84	60	60	76	74	57	63
		MIN	35	32	26	39	29	26	40	37	46	44	45	53	49	42	40
SNOW HILL 4 N	17	MAX	54	55	59	72	70	56	73	77	82	78	59	76	75	68	61
		MIN	30	29	23	44	24	24	39	35	41	44	38	51	51	38	35
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	52	51	58	69	66	56	67	72	79	74	58	71	69	56	61
		MIN	37	36	31	50	31	30	44	40	46	44	44	50	48	45	41
VIENNA	18	MAX	57	55	59	72	67	58	70	74	77	77	60	72	71	67	61
		OBS															
		MIN	35	33	28	54	28	28	39	38	48	42	42	49	50	41	36
		OBS								58							
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																	
	19	MAX	55	54	65	73	66	60	72	81	85	79	58	76	71	58	65
		MIN	29	33	27	51	28	27	40	39	44	44	44	50	51	40	33
OWINGS FERRY LANDING	17	MAX	53	53	63	72	67	59	71	80	83	83	57	74	74	56	62
		MIN	30	34	26	50	28	26	41	40	43	43	42	48	50	41	34
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	
	17	MAX	54	51	58	70	68	52	70	68	78	78	62	66	68	62	64
		MIN	32	36	30	50	30	32	42	42	48	44	44	50	50	42	38
		OBS															
BALTIMORE WSO ARPT	MID	MAX	54	54	62	72	47	59	71	75	85	52	58	73	64	56	63
		MIN	30	35	31	35	30	30	41	42	50	43	45	49	46	41	37
COLLEGE PARK	09	MAX	55	55	53	67	72	48	65	73	80	83	54	58	74	65	56
		MIN	33	36	29	42	29	29	40	42	50	44	44	44	50	49	38
DALECARLIA RESERVOIR	17	MAX	54	54	66	67	68	64	70	82	86	85	57	72	74	58	63
		OBS														72	
		MIN	30	35	29	49	27	28	40	39	38	41	42	43	40	39	33
		OBS				26											
GLENN DALE BELL STN	16	MAX	55	54	64	68	68	58	70	70	79	84	56	70	76	58	62
		OBS	68														
		MIN	24	24	24	50	21	22	34	35	36	42	40	48	48	40	41
		OBS															
LAUREL 3 W	07	MAX	53	53	65	66	46	63	70	79	82	60	58	74	61	53	62
		OBS															
		MIN	32	38	35	34	26	34	47	41	50	40	42	48	46	40	35
		OBS															
NATIONAL ARBORETUM DC	07	MAX	55	56	54	66	68	47	64	71	80	84	53	58	75	65	55
		OBS															
		MIN	33	35	29	33	29	29	33	40	47	33	43	34	38	42	38
		OBS															
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	53	51	61	69	45	60	65	73	80	54	57	74	64	55	61
		MIN	34	37	30	37	24	29	42	38	45	41	42	47	47	43	38
MILLINGTON 1 SE	18	MAX	52	50	58	69	69	57	66	71	79	79	56	73	72	56	60
		OBS															
		MIN	28	33	26	49	27	27	37	33	33	41	41	46	45	41	36
		OBS															
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06																	
	16	MAX			59	65	65	56	65		76	56	69	71	57		
		MIN			29	54	24	31	38		41	44	48	49	41		
BALTIMORE CITY	MID	MAX	57	55	64	76	52	62	70	73	83	53	54	72	63	55	63
		MIN	39	47	41	37	32	40	52	40	53	44	49	50	51	45	43
CATOCTIN MOUNTAIN PARK	17	MAX	47	47	60	61	55	59	64	68	76	74	47	56	57	48	56
		MIN	26	31	30	46	19	26	28	36	36	32	36	44	45	36	28
CONOWINGO DAM	MID	MAX	50	56	62	70	42	59	65	67	75	54	58	72	64	52	60
		OBS														72	
		MIN	34	36	28	28	25	21	27	26	39	30	33	48	50	30	27
		OBS															
DAMASCUS 2 SSW	22	MAX	50	49	62	66	44	62	67	74	80	60	52	67	55	50	59
		MIN	23	31	24	34	23	26	36	38	46	38	40	46	45	36	28
EMMITSBURG 2 SE	17	MAX	55	55	62	65	65	61	65	64	77	78	55	63	63	51	59
		OBS															
		MIN	25	25	23	38	24	27	31	33	38	38	38	48	41	39	33
FREDERICK POLICE BRKS	17	MAX	51	52	62	66	67	66	70	71	77	80	54	62	67	58	60
		MIN	31	32	31	48	28	28	42	39	40	41	42	48	44	42	37
MILLERS 4 NE	18	MAX	48	47	59	63	47	57	61	64	76	74	54	68	64	51	57

DAILY TEMPERATURES ( °F )

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>MARYLAND</b>																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE IS NATL SEA	70	58	63	68	67	65	85	68	51	67	70	67	73	70	63	63.3	
	47	48	49	53	52	53	56	47	44	47	50	49	46	51	51	45.5	
PRINCESS ANNE	68	67	70	85	85	79	83	82	61	65	67	75	75	68	69	70.6	
	33	42	44	43	57	52	53	43	42	43	38	28	51	36	41	39.6	
SALISBURY																72.0	
SALISBURY FAA ARPT	69	63	71	87	76	83	85	63	51	68	67	78	71	71	65	42.8	
	35	45	50	58	59	57	56	45	41	46	42	41	48	41	44	68.1	
SNOW HILL 4 N	69	68	66	83	83	77	85	82	54	69	67	76	74	73	69	43.0	
	33	42	48	54	54	54	60	44	44	42	41	40	55	39	42	70.3	
CENTRAL EASTERN SHORE 02																41.3	
ROYAL OAK 2 SSW	66	63	65	81	80	76	77	71	55	65	66	73	70	70	67	66.8	
	40	46	48	54	57	54	55	46	43	46	44	51	57	43	50	45.0	
VIENNA	68	69	71	81	82	78	82	78	62	67	70	74	74	71	72	69.9	
	37	45	46	54	57	55	58	45	39	42	41	41	57	41	50	43.3	
								***	77								
								***	45				42				
LOWER SOUTHERN MECHANICSVILLE 5 NE 03	72	67	66	90	86	81	84	73	56	66	67	77	69	71	65	70.3	
	36	46	39	53	56	55	53	43	43	40	38	45	55	37	47	42.2	
OWINGS FERRY LANDING	69	70	65	89	88	80	82	75	55	67	67	76	75	71	71	70.2	
	36	44	42	52	56	51	53	42	42	39	35	46	54	36	46	41.7	
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04	68	68	64	88	86	74	82	78	54	64	66	76	70	72	72	68.4	
	38	48	50	56	56	54	54	44	44	44	42	48	57	42	49	44.5	
															***		
BALTIMORE WSO ARPT	69	61	68	90	75	81	84	61	51	69	73	81	68	73	56	66.8	
	36	47	50	57	57	54	53	44	45	46	42	47	50	43	48	43.5	
COLLEGE PARK	67	70	61	69	90	72	81	83	60	51	70	71	79	69	74	67.5	
	36	48	45	46	54	57	60	44	45	45	38	41	56	39	48	43.4	
DALECARLIA RESERVOIR	70	70	70	90	89	88	83	76	57	69	68	78	77	72	71	71.6	
	39	44	43	56	52	50	50	42	43	41	27	41	53	37	40	40.4	
														69			
GLENN DALE BELL STN	62	68	68	90	90	76	83	79	58	70	70	78	78	69	68	70.0	
	34	36	46	51	48	46	50	40	42	40	38	38	54	37	40	39.0	
	52													54			
LAUREL 3 W	68	62	67	88	77	79	82	60	53	69	69	77	67	73	57	66.4	
	41	47	45	53	53	54	54	42	43	42	44	46	52	44	46	43.1	
														57			
NATIONAL ARBORETUM DC	63	70	59	68	90	75	79	82	61	51	69	69	79	68	73	66.9	
	34	44	44	39	46	52	55	44	42	44	38	42	42	40	48	39.7	
	***	***															
	***	***															
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	68	64	67	87	73	78	82	59	53	68	69	78	69	72	56	65.5	
	38	41	42	55	54	54	49	43	43	44	41	47	55	42	48	42.3	
MILLINGTON 1 SE	66	67	66	83	83	72	80	63	58	65	67	76	75	75	69	67.7	
	30	30	38	55	50	54	48	41	43	42	38	41	55	37	42	39.6	
	***																
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL		60	63	82	84	70			59	65	66	76	76			M	
		42	41	56	55	55			45	46	39	42	57			M	
BALTIMORE CITY	70	63	70	91	77	83	86	64	54	70	74	83	69	73	57	67.8	
	42	51	54	60	59	59	57	46	46	49	47	50	55	47	52	47.9	
CATOCTIN MOUNTAIN PARK	64	62	59	84	86	73	73	57	53	62	62	75	72	67	64	62.9	
	37	41	42	51	44	51	55	34	37	36	41	44	45	45	40	38.1	
CONOWINGO DAM	64	58	65	80	70	71	78	66	59	69	70	80	66	79	56	64.6	
												79					
	38	40	40	55	50	48	50	39	39	39	40	38	52	40	48	37.9	
		52															
DAMASCUS 2 SSW	58	58	65	88	70	77	77	58	46	64	64	77	64	69	55	62.9	
	39	37	39	53	47	53	51	31	40	38	32	42	45	34	44	38.0	
EMMITSBURG 2 SE	65	64	62	86	85	72	73	62	56	64	64	76	74	68	67	65.9	
	34	39	36	53	44	51	47	35	42	40	35	35	47	34	39	37.1	
FREDERICK POLICE BRKS	64	67	64	85	90	75	79	76	58	67	68	78	75	71	79	68.6	
	40	49	45	56	51	54	44	40	42	43	43	43	53	45	46	42.2	
MILLERS 4 NE	63	62	63	84	83	73	73	61	54	63	64	75	71	68	66	63.8	

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAXMIN	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ROCKVILLE 1 NE	MID	MIN	26	32	26	44	23	29	35	36	46	36	41	45	44	38	33
		MAX	49	49	65	69	45	62	68	80	83	50	55	70	56	52	60
TOWSON	18	MIN	32	36	29	33	26	31	45	40	49	40	43	48	43	39	34
		MAX	52	55	60	68	57	56	67	65	79	78	53	69	63	60	62
		OBS					44					56					
UNIONVILLE	17	MIN	23	30	31	35	26	25	27	28	39	29	37	45	51	30	32
		OBS		47								28		51	69		
		MAX	50	50	66	65	52	65	69	76	82	70	56	69	67	53	60
WESTMINSTER POL BRKS	17	MIN	23	29	23	41	24	26	30	32	30	39	42	48	38	36	31
		MAX	49	48	61	64	52	57	64	76	77	79	53	68	67	53	60
		OBS														67	***
WOODSTOCK	18	MIN	24	31	27	40	19	25	38	33	42	32	35	40	36	34	28
		MAX	52	51	64	69	58	60	70	73	81	81	54	70	68	53	62
		MIN	25	32	24	44	25	26	34	35	45	38	41	46	45	37	32
APPALACHIAN MOUNTAIN CUMBERLAND 2	17	MAX	51	50	74	72	46	73	71	75	81	79	57	66	60	49	61
		MIN	28	29	32	41	22	31	41	43	39	40	41	42	41	34	29
		OBS				22											
FROSTBURG 2	07	MAX	40	43	43	67	51	37	66	61	72	73	37	48	61	45	40
		MIN	24	23	28	28	17	15	28	38	31	33	32	35	42	35	29
		MAX	51	50	50	69	64	50	67	69	69	81	45	56	61	54	51
HANCOCK	08	OBS	50	50	69	64	50	67	69	69	81	45	56	61	54	51	***
		MIN	24	30	24	27	24	27	30	33	40	36	40	43	43	42	27
		OBS	30	24	27	24	27	30	33	40	36	40	43	43	42	27	***
ALLEGHENY PLATEAU OAKLAND 1 SE	17	MAX	40	42	65	65	44	68	65	72	73	70	54	64	59	39	52
		MIN	21	25	19	43	15	23	33	35	45	33	32	46	36	33	28
		MAX	44	45	45	69	54	41	70	65	76	77	42	55	66	45	42
SAVAGE RIVER DAM	08	MIN	25	27	25	25	19	18	28	36	36	36	35	37	38	37	32
		<b>DELAWARE</b>															
		<b>NORTHERN</b>															
NEWARK UNIVERSITY FARM	17	MAX	52	50	62	68	63	55	61	65	77	77	59	73	74	57	58
		MIN	30	38	27	32	23	28	34	33	45	38	42	47	49	36	35
		OBS	46														
WILMINGTON WSO ARPT	MID	MAX	51	49	56	68	43	51	63	64	76	51	58	70	62	54	59
		MIN	29	33	28	30	24	32	36	35	45	39	43	48	45	37	37
		MAX	51	48	54	66	41	51	61	64	74	50	58	70	59	54	57
WILMINGTON PORTER RSVR	MID	OBS															
		MIN	33	34	33	31	24	31	39	38	48	39	43	47	45	38	38
		OBS															
SOUTHERN DOVER	17	MAX	52	48	57	67	67	57	64	65	79	78	53	70	70	62	57
		MIN	35	40	30	50	28	29	47	40	46	42	40	45	47	41	36
		MAX															
GEORGETOWN 5 SW	08	MIN															
		MAX															
		MIN															
GREENWOOD 2 NE	18	MAX	51	48	58	70	62	59	67	75	81	79	55	74	70	58	58
		MIN	32	42	26	46	25	24	41	37	44	42	40	45	47	40	36
		MAX	52	53	56	70	68	55	63	69	82	81	52	74	71	57	59
LEWES	17	MIN	35	34	30	47	30	29	48	40	49	43	42	48	50	42	38

DAILY TEMPERATURES ( °F )

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ROCKVILLE 1 NE	32	39	38	54	49	53	51	35	41	40	39	44	49	40	44		39.4
	67	59	66	88	72	80	80	55	50	63	66	78	67	71	52		64.2
TOWSON	37	46	42	56	52	59	51	49	43	42	43	50	51	45	46		42.7
	64	64	66	88	82	73	78	71	59	67	69	77	69	71	69		67.0
	***																
	26	36	35	49	51	48	49	32	39	38	36	37	48	34	34		36.0
UNIONVILLE	***	54	59	80	62		31			53	66	63	34				
	64	64	67	86	76	77	74	59	54	64	68	79	68	72	64		66.2
	28	38	37	50	45	50	43	34	40	31	32	34	42	33	37		35.5
WESTMINSTER POL BRKS	61	64	60	87	87	71	76	68	66	65	65	77	76	68	69		66.3
WOODSTOCK	34	37	40	39	44	49	33	33	35	35	37	38	45	42	40		35.5
	67	61	67	90	88	79	79	65	57	68	69	79	67	73	71		68.2
	33	43	41	53	50	53	52	37	40	40	35	40	51	36	42		39.2
APPALACHIAN MOUNTAIN CUMBERLAND 2																	
	70	66	61	85	81	82	79	59	54	64	69	80	74	71	68		67.6
	40	42	44	46	50	51	56	38	36	36	39	43	47	47	40		39.6
							37										
FROSTBURG 2	52	61	50	56	76	62	74	60	52	39	54	62	72	54	62		55.7
	29	35	42	43	43	40	50	33	31	33	35	33	40	38	41		33.5
HANCOCK	62	70	58	64	87	68	83	72	61	53	66	70		64			63.0
	70	58	64	87	68	83	72	61	53	66	70	81	64	71	49		
	30	30	36	44	44	49	53	35	42	31	33	33	41	39	41		35.7
	30	36	44	44	59	53	35	42	31	33	33	41	39	41	36		
ALLEGHENY PLATEAU OAKLAND 1 SE																	
	61	60	66	76	75	73	72	56	46	53	63	73	70	60	57		61.1
	31	36	44	59	33	47	51	28	33	35	30	30	38	35	39		34.5
SAVAGE RIVER DAM	58	65	51	60	82	67	75	61	56	43	57	65	76	57	66		59.2
	33	32	37	46	41	41	48	32	33	35	31	31	35	39	39		33.6
DELAWARE																	
NORTHERN NEWARK UNIVERSITY FARM																	
	65	66	67	84	84	70	78	72	61	67	66	79	78	70	70		67.6
	30	38	37	52	50	53	50	40	43	43	41	38	54	40	44		39.7
WILMINGTON WSO ARPT	66	60	64	84	71	66	78	59	53	66	66	78	68	70	55		62.6
	34	39	40	53	51	54	50	41	44	43	43	44	48	41	47		40.4
WILMINGTON PORTER RSVR	64	59	64	81	72	66	75	59	54	65	64	76	65	68	55		61.5
	35	41	41	53	52	54	47	40	44	44	45	43	53	44	47		41.5
				41													
SOUTHERN DOVER																	
	62	62	69	81	81	70	80	80	60	64	64	75	75	70	68		66.9
	34	42	52	55	56	56	48	44	42	46	46	48	55	42	50		43.7
GEORGETOWN 5 SW																	M
																	M
GREENWOOD 2 NE	66	65	69	84	76	78	81	72	55	64	65	75	68	69	68		67.3
	32	42	45	51	56	55	53	43	42	44	40	42	57	39	46		41.8
LEWES	68	68	65	85	85	70	83	74	57	66	64	77	73	70	65		67.7
	40	40	48	54	57	54	60	46	43	46	48	48	58	48	51		44.9

EVAPORATION AND WIND

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>DELAWARE</b> DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	WIND	70	19	17	52	145	46	41	42	26	59	66	52	38	96	105
	EVAP	-	1	5	13	23	11	14	13	9	19	9	8	10	7	24
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Evaporation: Is measured in hundredths of inches  
 Wind: Is measured in miles  
 Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

EVAPORATION AND WIND

STATION	DAY OF MONTH																TOTAL OR AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>DELAWARE</b>																	
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	69	28	13	34	25	45	31	92	48	40	46	20	53	51	47		1516
	20	16	8	9	19	10	12	12	8	13	22	15	30	23	9		4.05B
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M

Evaporation: Is measured in hundredths of inches

Wind: Is measured in miles

Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

SNOWFALL AND SNOW ON GROUND ( INCHES )

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																
NORTHERN CENTRAL 06	SNOWFALL		T													
DAMASCUS 2 SSW	SN ON GND		T													
MILLERS 4 NE	SNOWFALL		T													
	SN ON GND		T													
APPALACHIAN MOUNTAIN 07	SNOWFALL															
FROSTBURG 2	SN ON GND	T	T	1.0		T										
ALLEGHENY PLATEAU 08	SNOWFALL															
OAKLAND 1 SE	SN ON GND	T	.3												T	
SAVAGE RIVER DAM	SNOWFALL	T	T													
	SN ON GND	T	T													

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).  
 Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 00 UTC (GMT).  
 Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more.



SNOWFALL AND SNOW ON GROUND ( INCHES )

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>MARYLAND</b>																
NORTHERN CENTRAL 06 DAMASCUS 2 SSW																
MILLERS 4 NE																
APPALACHIAN MOUNTAIN 07 FROSTBURG 2									1.5	T						
ALLEGHENY PLATEAU 08 OAKLAND 1 SE									1							
SAVAGE RIVER DAM									2.0							

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).  
 Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 00 UTC (GMT).  
 Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	
<b>MARYLAND</b>											
ABERDEEN PHILLIPS FIEL	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	PHILLIPS ARMY AIRFIELD
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE IS NATL SEA	0335	01	WORCESTER	38 14	75 8W	10	07	07		H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	R 0465	04	ANNE ARUNDEL	39 11	76 40W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE CITY #	R 0470	06	BALTIMORE CI	39 17	76 37W	14	MID	MID		C H	NATIONAL WEATHER SERVICE
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	120	08	08	08	C H	INACTIVE 04/01/94
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	17	17		H	INACTIVE 03/01/95
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	INACTIVE 09/01/93
COLLEGE PARK	1995	04	PRINCE GEORG	38 59	76 57W	90	09	09		C H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	17	07		H	TIMOTHY B THOMAS
DALECARLIA RESERVOIR	2325	04	DIS COLUMBIA	38 56	77 7W	150	17	17		H	U S CORPS OF ENGINEERS
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	722	19	19		H	INACTIVE 01/01/92
DAMASCUS 2 SSW	2336	06	MONTGOMERY	39 16	77 14W	670	22	22		H	ROBERT J LEFFLER
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905		07		H	JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17		H	LUCILLE K BEALE
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	07	07		H	KENNETH L CLOSE
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	16	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	08	08		H	INACTIVE 11/01/93
HANCOCK	4030	07	WASHINGTON	39 42	78 11W	428	08	08		C H	TOWN OF HANCOCK
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	18	18		H	INACTIVE 02/28/94
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	07	07		H	WA SUBURBAN SANITARY COM
MECHANICSVILLE 5 NE	5865	03	ST MARYS	38 27	76 41W	100	19	19		H	SANDRA J HASTINGS
MERRILL	5894	08	GARRETT	39 36	79 5W	1790		09		H	DELWOOD E MERRILL
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY MILLER
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	18	18		H	HOWARD L HARVEY
NATIONAL ARBORETUM DC	6350	04	DIS COLUMBIA	38 54	76 59W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2419	17	17		H	BEA J CROSCO
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	17	17		H	JAMES C RASMUSSEN
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		08		H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17		H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	MID	17		H	WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18		H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17		H	CITY OF SALISBURY
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	50	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	US CORPS OF ENGINEERS
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17		H	CURTIS E SHOCKLEY
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	18	18		H	ENVIRONMENTAL TECH GROUP
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	17	17		C H	ROBERT YOUNG
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	08	08	08	H	INACTIVE 09/01/93
VIENNA	9140	02	DORCHESTER	38 29	75 50W	10	18	18		H	DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765	17	17		H	MARYLAND STATE POLICE
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
<b>DELAWARE</b>											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE HIGHWAY DEPT
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	08	08	08	C H	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	R 9595	01	NEW CASTLE	39 40	75 36W	74	MID	MID		C HJ	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	PUBLIC WORKS

## REFERENCE NOTES

### DEFINITIONS

**STATION NAMES:** Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

**DIVISIONS:** Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

**NORMALS:** The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

**MONTHLY DEGREE DAY TOTALS:** One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

**PRECIPITATION:** Values shown in hundredths of inches are water equivalent totals, i.e., total of liquid and melted frozen precipitation. In the "Monthly Summarized Data" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The number of days with .10, .50, 1.00 or more refers to water equivalents.

**TEMPERATURE:** Original and edited temperature values are given in the "Daily Temperature" table. Edited values are produced when an original value is missing or when surrounding stations indicated a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or \*\*\* (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

**WIND:** (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

### SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

# Thermometers located in a rooftop shelter.  
// Rain gage equipped with a windshield  
AR Observation made "after rain" has occurred.  
C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.  
G Observations appear in the "Soil Temperatures" table.  
H Observations appear in the "Snowfall and Snow on the Ground" table.  
J Station also published as a Local Climatological Data publication.  
MID Observation time is midnight.  
MO Rain gage read once monthly, usually the last day.  
OC Rain gage readings vary from a few weeks to several months.  
R Amounts from recording rain gage.  
SR Observation time near sunrise.  
SS Observation time near sunset.  
VAR Observation time varies.  
W1 Rain gage read weekly or irregularly.  
WM Rain gage read weekly and last day of the month.

### SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK Entries in the "Monthly Summarized Data" table indicate no record.

BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.

BLANK Entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See \*\*\* below)

- No record. Data not recorded, determined unreliable by quality control check, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

\*\*\* Missing original temperature which has been estimated during edit.

\* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A \* preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (Hawaii stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

V Includes total for previous month(s). (See \* above)

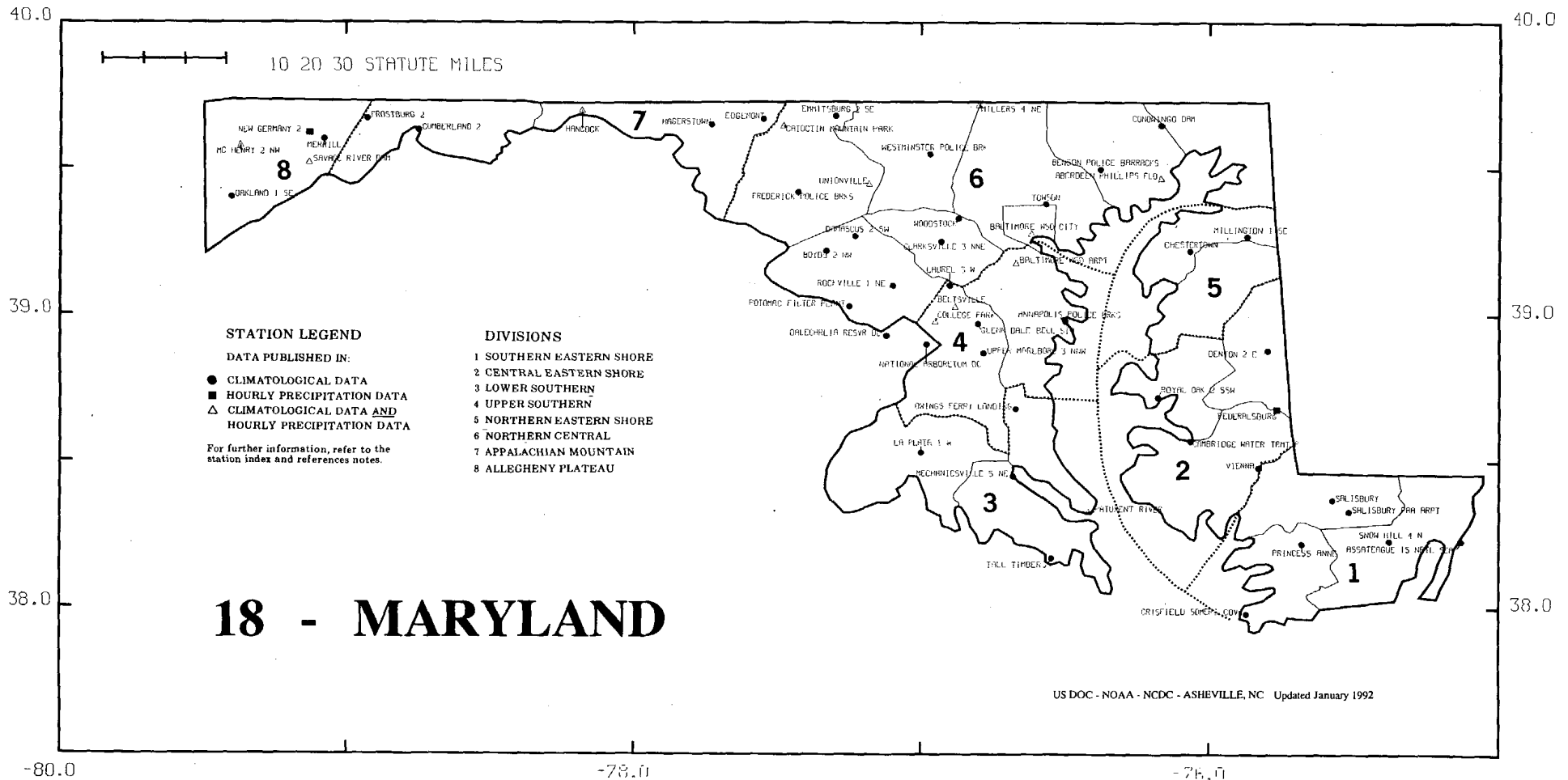
SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary."

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

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151 PATTON AVENUE  
ASHEVILLE, NC 28801-5001

USCOMM-NOAA-ASHEVILLE, N.C. APRIL 1995-0425



40.0

40.0

39.0

39.0

38.0

38.0

-80.0

-78.0

-76.0

40.0

40.0

10 20 30 STATUTE MILES



# 07 - DELAWARE

## STATION LEGEND

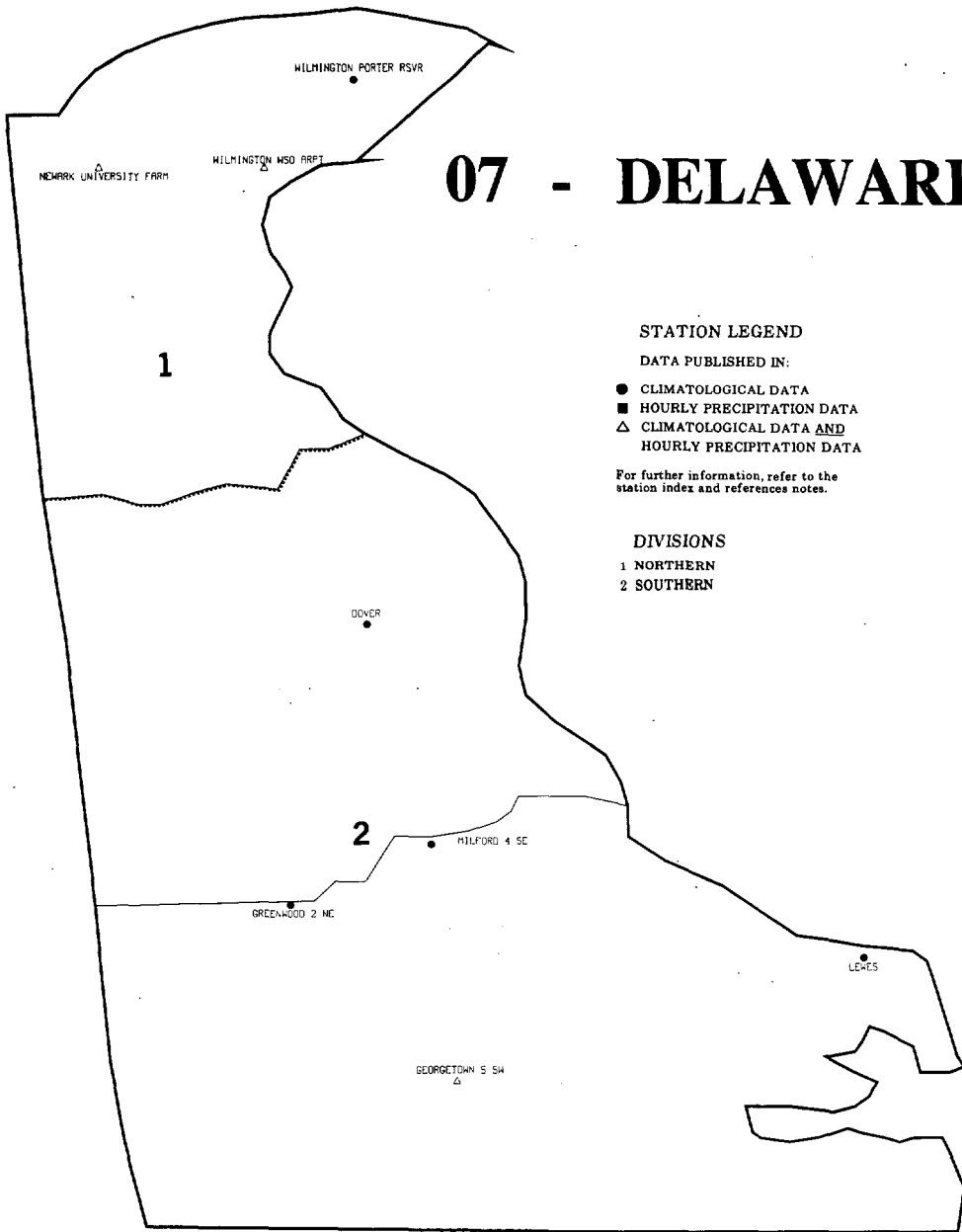
DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

For further information, refer to the station index and references notes.

## DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN



39.0

39.0

US DOC - NOAA - NCDC - ASHEVILLE, NC  
Updated January 1992

38.0  
-76.0

-75.5

-75.0  
38.0

MONTHLY PRECIPITATION TOTALS												ANNUAL	1987				
STATION	ANNUAL	MONTH												SEP	OCT	NOV	DEC
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC				
NORTH CAROLINA	34.57	1.11	1.85	2.75	0.57	3.55								4.19	5.28	4.28	
ASHEVILLE WSO AP	25.57	0.71	1.57	1.91	0.53	2.82								2.77	4.15	2.94	
ASHEVILLE	36.74E	1.20	2.70	2.90	0.54E	2.82								3.90	4.92	4.80	
ASHFORD														2.40	4.10	2.90	
BADIN		1.70	1.50	3.50	1.20										1.70		
B EVERETT JORDAN DAM																	
BOONER 5 NW		1.00	2.10														
BURLINGTON 3 NNE		0.80	1.92E														
CAPE HATTERAS WSO	48.86	5.75	1.30														
CAROLINA 8 SE		1.70															
CATALDOOCH		0.60															
CHARLOTTE WSO AP	26.91																
CLINTON 2 NE	35.51																
DALTON																	
DOBSON																	
EDGE																	
ELIZ																	
ELIZ																	
FAYE																	
FRANK																	
GREEN																	
GREENW																	
MELTON																	
HOBUCKEN																	
LAKE LURE																	
LAURINBURG																	
LEXINGTON																	
MOORESHVILLE 2																	
MOREHEAD CITY																	
MOUNT PLEASANT																	
N WILKESBORO 12																	
POLKTON 2 NE																	
QUEBEC																	
RALEIGH-DURHAM WSO																	
ROANOKE RAPIDS																	
PEARLING GAP 1 NW																	
SHELBY																	
SNEADS FERRY 2 ENE																	
SUNNYSIDE 2 SSE																	
WILKINGTON WSO AP																	
WILSON 3 SW																	
YADKINVILLE 6 E																	

# HOURLY PRECIPITATION DATA NORTH CAROLINA

DECEMBER 1987  
WITH ANNUAL SUPPLEMENT  
VOLUME 37 NUMBER 12

31 - NORTH CAROLINA

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ISSN 0364-6319

# HOURLY PRECIPITATION DATA

NORTH CAROLINA

JANUARY 1987

VOLUME 37 NUMBER 1



HOURLY PRECIPITATION DATA is published monthly and presents daily, hourly, and maximum short duration data for recording rain gage stations in each state except Alaska. Also included are a published station index and a locator map for the state. In addition to the regularly published data, the December publication contains a tabulation of monthly and annual total precipitation amounts as an annual supplement.

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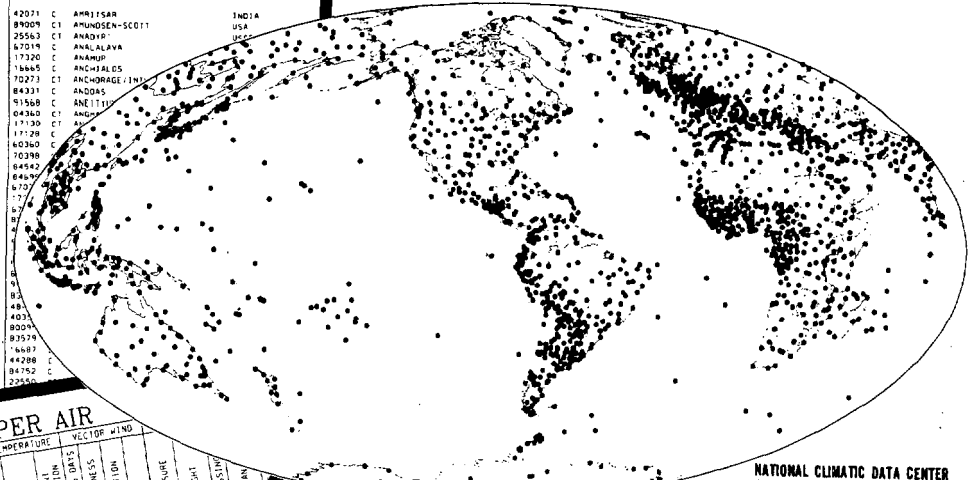
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STATION LIST WMO PUB 9 VOL A

41246	C	ISHMARI MAJES	OMAN	42071	C	AMRIBSAR	INDIA
40831	C	ABADAN	IRAN, ISLAMIC REP	89009	CT	AMUNSEN-SCOTT	USA
47409	C	ABASHIRI	JAPAN	25563	CT	ANADIP	USA
31108	C	ABDUSSEMED, B C	CHINA	87078	C	ANALALAVA	USA
64756	C	ABECHE	CHAD	17320	C	ANANUP	USA
03001	C	ABERDEEN/DICE	U KINGDOM	16665	C	ANCHALDES	USA
61112	C	ABHA	SAUDI ARABIA	82271	CT	ANCHORAGE/INTL	USA
65578	CT	ABIDJAN	COTE D'IVOIRE	84331	C	ANDOS	USA
72266	L	ABILENE, TX	USA	91568	C	ANEITII	USA
41216	C	ABU DHABI BAICEN AIRPORT	U ARAB EMIRATES	04360	CT	ANGON	USA
41217	CT	ABU DHABI INTL AIRPORT	U ARAB EMIRATES	11130	CT	ANGON	USA
62640	C	ABU HAMED	SUDAN	17129	C		
62295	C	ABU NATIYA	SUDAN	60360			
70850	F	ACAJUITE	EL SALVADOR	70398			
76805	C	ACAPULCO, GPO	MEXICO	84542			
60927	C	ACARIGUA	VENEZUELA	84679			
17352	CT	ADAM	TURKEY	61007			
83950	CT	ADDIS ABABA	ETHIOPIA	71			
74473	CT	ADDIS ABABA	ETHIOPIA	71			
41467	C	ADEN KHORHAKSAR	AUSTRALIA	87			
65585	C	ADIAKE	DEM REP CONGO	87			
60220	C	ADRAR	COTE D'IVOIRE	87			
76679	CT	AEROP INTL MEXICO, D F	ALGERIA	87			
76644	CT	AEROP INTL MERIDA, YUC	MEXICO	87			
16394	F	AEROP INTL MONTEPEY, M L	MEXICO	87			
87582	C	AEROPORTUL	ARGENTINA	87			
17190	C	AFVA	TURKEY	87			
61024	C	AGADEZ	NIGER	87			
60200	C	AGADIR	MOROCCO	87			
61974	C	AGALEGA	MAURITIUS	87			
42621	C	AGRA	INDIA	83579			
16872	C	AGRIKONIA AIRPORT	GREECE	16867			
42647	CT	AHMADABAD	INDIA	44288			
60560	C	AIN SEFA	ALGERIA	84752			
61499	C	AIN EL AROUSS	ALGERIA	22560			
07761	CT	AJACCIO	FRANCE				
37168	C	AJIAN	INDIA				
17184	C	AKHISAR	TURKEY				
47582	CT	AKITA	JAPAN				
61317							

CLIMATIC DATA STATIONS - WORLDWIDE



NATIONAL CLIMATIC DATA CENTER



UPPER AIR

STATION	LEVEL	TEMPERATURE	VECTOR WIND	TEMPERATURE		WIND		PRESSURE		HEIGHT	
				DEW POINT	WIND SPEED	WIND DIRECTION	SEA LEVEL	STATION	GEOMETRIC		
ASIA - JAPAN	3000	15	10	15	10	10	10	1010	3000	3000	
ASIA - JAPAN	1500	10	10	10	10	10	10	1010	1500	1500	
ASIA - JAPAN	750	5	10	5	10	10	10	1010	750	750	

EUROPE-NORWAY SURFACE

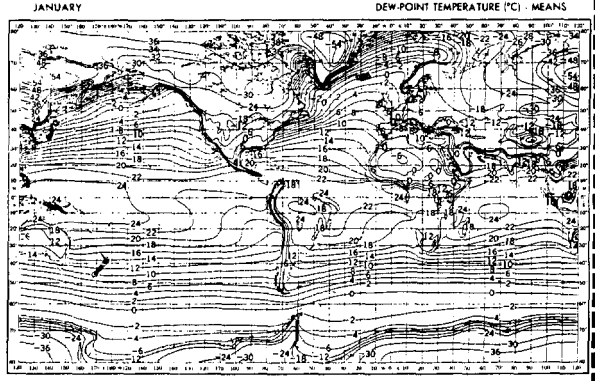
STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUNSHINE
				SEA LEVEL	STATION	MEAN	MAX	MEAN	MAX	TOTAL	NO. OF DAYS	
NORWAY	60	15	100	1010	1000	10	15	10	15	10	10	10
EUROPE	50	10	100	1010	1000	10	15	10	15	10	10	10

JANUARY 1988 VOL. 41 NO. 1 ISSN 0027-0296



MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE WORLD METEOROLOGICAL ORGANIZATION



MONTHLY CLIMATIC DATA for the WORLD (MCDW) is a publication of monthly summaries of climatic data from around the world. Data are prepared by Members of the World Meteorological Organization for selected stations and exchanged via the Global Telecommunications System in coded format.

Tables of both Surface and Upper Air data are presented. Surface data tables contain elements of pressure, temperature, vapor pressure, precipitation, and sunshine. Upper Air tables contain geopotential heights, temperatures, dew point depressions, and vector winds for ten selected pressure levels between the surface and thirty millibars (hectopascals). A Station List is also provided which, in the January and July editions, contains all stations authorized for publication. In other months the list contains only those stations from which data no more than two months old have been recently received.

Currently, world maps of long term mean temperatures, dew points, and sea level pressures are included on the cover of the MCDW. The maps are generally representative of conditions during the 1950's to mid-1970's, however some data may be from as early as the 1850's.

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DIRECTOR  
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