

VOLUME 90

NUMBER 13

CLIMATOLOGICAL DATA

ANNUAL SUMMARY



VIRGINIA

1980

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF
THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRA-
TION AND IS COMPILED FROM INFORMATION RECEIVED AT
THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH
CAROLINA 28801."

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA
1980

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
TIDEWATER 01																										
BACK BAY WL REF	42.2M		37.7M		48.3M		58.8		67.4		74.0M		79.2M		78.9M		76.1M		62.5		52.5M		45.3M		60.2M	
BRANCHVILLE 1 S	-		36.0M		46.4		59.2		67.6M		73.9M		81.9M		81.7M		73.7M		60.0M		46.4M		39.7M		-	
COLONIAL BEACH	39.6	- 1.7	34.9	- 7.4	45.9	- 3.1	58.7	- 1.1	67.3	- 1.1	72.7M	- 2.3	79.4	- 1.6	79.4	2.0	74.9	2.4	59.6	- 3.2	49.1	- 3.8	41.1	- 2.0	58.6M	- 1.5
DIAMOND SPRINGS	35.1M	- .3	33.3M	- 3.4	44.8	- 2	56.9M	1.2	66.2	1.1	71.4	- 1.6	79.3	2.4	79.0	3.9	73.8	5.0	57.3	- .7	44.7	- 2.3	37.6	- .8	56.6M	
FREDERICKSBURG NATL PK																										
HOLLAND 1 E	38.8	- .9	34.9	- 6.2	46.4	- 1.9	59.0	- .6	66.9	- .0	72.7	- 1.5	79.0	1.4	80.0	4.0	75.1	4.4	58.1	- 2.4	48.0	- 2.7	40.0M	- 1.2	58.2M	- .6
HOPEWELL	38.8	- 1.7	37.7	- 4.6	48.1M	- 1.5	61.1M	- .8	68.4M	- 2.2	75.0	- .8	81.4	2.3	81.3	3.5	77.8	5.9	60.3	- 1.2	49.0	- 2.5	41.6	- .0	60.0M	- .0
KILMARNOCK 1 N	35.9		32.5		44.0		56.3		64.6		70.2		77.9M		78.4		72.6		56.4		45.3M		37.4M		56.0M	
LANGLEY AFB	38.0	- 2.0	35.5	- 5.8	48.0	- .2	60.1	2.3	69.2	2.3	74.1	- .6	81.9	3.3	81.9	4.6	75.9	4.1	61.5	- .3	49.1	- 2.4	42.1	- .3	59.8	- .5
MATHEWS 2 ENE	38.0		34.0		45.0		57.2		66.6		72.1		78.7		78.3		74.0		59.1		47.8		39.6		57.6	
NEWPORT NEWS PRESS BLD	38.3		36.4		46.2		59.8		69.1		74.9M		81.4		81.8		76.9		60.8		50.1		43.0M		59.9M	
NORFOLK WSO AP	40.3	- .2	34.7	- 6.7	46.5	- 1.6	58.6	- .8	67.8	1.1	73.9	- .6	80.9	2.8	80.9	4.0	76.1	4.3	60.4	- 1.3	49.9	- 1.7	42.3	- .0	59.4	- .1
OYSTER									67.4M		73.4M	- 1.2	79.9	1.3	79.4		74.9	2.8	56.8		45.0		37.4			
PAINTER 2 W	37.7		33.6		44.2		56.9		65.3		72.1		78.9		78.4		73.5		59.0		48.3		39.6		57.4	
STONY CREEK					45.4M		59.0		68.5M		73.1		81.5M						54.8		44.8					
SUFFOLK LAKE KILBY	37.8		34.4		46.2		59.4		67.6		73.1		78.5		76.6		70.6		54.7		45.7		38.4		56.9	
TANGIER ISLAND	37.8		34.0		45.0		57.3		67.0		73.1M		78.9M		81.0		75.3		60.1		48.1		39.8		58.0M	
WALKESTON 2 NW	36.3	- 1.2	33.7	- 5.8	45.4	- 1.4	58.7	1.1	67.4	1.0	73.2	- .7	79.4	1.9	79.6M	3.7	74.2	4.5	56.8	- 2.4	46.1	- 4.4				
WALLOPS ISLAND WSSF	37.9	1.7	32.1	- 5.2	41.7	- 2.2	54.7	- .6	64.0	1.5																
WARSAW 2 NW	36.3		33.8		44.6		58.1		66.9		72.3		78.8		79.6		74.3		57.8		46.1		38.7		57.3	
WAVERLY	38.2M		35.3M		45.0M		59.1M		67.8		73.5		79.5M		79.2		72.9M									
WEST POINT 2 SW	37.5		34.8		46.1		59.1		67.8		73.5		80.3		80.4		75.4		58.0		46.4		39.0		58.0	
WILLIAMSBURG 2 N	37.9	- 1.4	34.5	- 6.3	45.9	- 2.0	58.9	- .6	67.3	- .6	73.3	- .6	79.7	2.2	79.5	3.4	74.6	4.1	57.6	- 2.7	47.0	- 3.5	39.8	- .8	58.0	- .5
DIVISION	38.0	- 1.1	34.7	- 5.7	45.6	- 1.8	58.4	- .9	67.2	- .7	73.0	- 1.1	79.8	1.9	79.8	3.2	74.2	3.8	58.5	- 2.4	47.6	- 3.0	40.3	- .4	58.1	- .5
EASTERN PIEDMONT 02																										
AMELIA 4 SW	36.7M		35.0		45.9M		57.4										73.6		54.8		45.0		37.4			
ASHLAND	35.0		33.6		44.3		57.2		65.6		71.2		78.0		78.7		73.6		55.6		44.6		37.2		56.2	
CAMP PICKETT	36.4		32.3		43.4		57.0		65.2		70.9		78.0		78.7		73.5		55.1		44.8		37.5		56.1	
CHASE CITY					42.6M		58.4M		66.3		72.3M		78.9		79.6		74.3		54.6		43.7		38.3			
COLUMBIA	34.2M	- 1.6	31.5	- 5.9	42.7	- 2.6	56.4M	- 2.8	64.8	- .5	70.9M	- 2.0	77.6	- .8	77.6	2.4	72.6	4.1	54.5	- 3.4	43.7	- 3.3	36.4	- .8	55.2M	- 1.1
COPPIN	35.0		33.0		43.2		56.8		65.2		71.0		78.2		78.7		73.3		55.6		44.7		36.9		56.0	
CROZIER	35.4		32.7		43.3		56.2		64.6		71.0		78.0		78.4		73.0		54.7		44.0		36.5		55.7	
FARMVILLE 2 N	36.9	- 1.1	34.9	- 4.8	45.8	- 1.2	58.1	- .9	66.9	1.1	72.6	- .6	78.7	1.9	78.6	3.3	73.4	4.7	57.7	- .7	45.9	- 2.0	39.5	- .9	57.4	- .1
JOHN H KERR DAM	38.7		34.9		43.7		58.1		66.4		72.0		79.2		80.4		74.7		57.0		46.3		39.5		57.6	
LAWRENCEVILLE 5 W	38.5		36.0		46.4		59.1		66.7		71.8M		78.1M		80.0		74.2		57.1		46.7		40.4		57.9M	
LOUISA	35.0	- 1.1	33.9	- 4.1	44.7	- 1.0	56.6	- .0	65.0	- .3	71.2	- 1.5	77.6	1.4	77.6M	2.9	72.4M	4.3	56.6M	- 1.0	45.2	- 1.9	37.6	- .5	56.1M	- .2
RICHMOND WSO AP	38.8	- 1.3	36.0	- 3.4	47.4	- .5	61.1	3.3	68.3	1.8	72.8	- 1.4	80.0	2.1	80.7	4.4	74.7	4.7	56.9	- 2.4	46.2	- 2.6	38.6	- .4	58.5	- .7
DIVISION	36.4	- .8	34.0	- 5.0	44.5	- 2.0	57.7	- .6	65.9	- .1	71.6	- 1.7	78.4	1.5	79.0	3.6	73.6	4.8	55.9	- 2.5	45.2	- 2.8	38.0	- .3	56.7	- .4
WESTERN PIEDMONT 03																										
APPOMATTOX 3 M	36.0		32.8		41.7		54.2M		63.4		67.4		75.8					53.8M								
BEDFORD	37.1	- .8	35.1	- 4.3	45.0	- 2.8	56.3	- 1.0	65.7M	- .0	71.0M	- 1.7	78.5M	2.7	78.3M	3.9	73.1	5.2	57.6M	- .8	48.3M	- .4	42.7M	3.8	57.3M	- .4
BROOKNEAL	36.8		33.2		42.6		56.4		65.1		71.2		78.4		79.2		73.1		54.5		43.8		37.8		56.0	
CHARLOTTE COURT HOUSE	33.5		30.4		40.7M		57.2		65.3		71.4		78.6		79.6		74.2		55.2		44.3		37.9			
CHARLOTTESVILLE 2 W	35.7	- .3	33.9	- 3.7	43.8	- 1.8	57.4	- .4	66.9	- .9	72.0	- 1.3	78.5	1.5	77.7M	2.1	73.4	4.0	56.8	- 2.7	46.6	- 1.9	38.2	- .4	56.8M	- .2
CHATHAM	36.3	- 1.1	32.1M	- 7.1	40.5	- 5.9	54.1	- 3.1	61.9	- .4	67.4	- 5.7	75.6	- .4	76.0M	- .9			52.4M	- 3.2	41.9	- 5.8	35.8	- 2.8		
DANVILLE-BRIDGE ST	39.0	- .3	35.5	- 5.4	44.5	- 3.8	58.5	- .7	66.9	- .8	72.5	- 2.4	80.1	2.2	80.2	3.3	74.9	4.3	56.8	- 3.1	45.3	- 3.7	39.2	- .8	57.8	- .9
LYNCHBURG WSO AP	36.0	- .6	33.7	- 4.4	43.8	- 1.7	56.9	- .3	65.8	- .6	69.4	- 3.2	77.7	2.0	78.6	4.2	72.6	4.5	55.2	- 2.8	45.2	- 1.8	38.7	- .9	58.1	- .2
MARTINSVILLE FILT PL	35.9	- .2	31.7	- 7.3	42.2M	- 4.0	53.6	- .4	62.6M	- 3.0			76.6	1.0	76.4M	2.0	71.1M	3.4	54.5M	- 2.7	43.6	- 2.9	36.3	- 1.5		
PHILPOT DAM 2	38.0M				43.1M		55.4		63.6		69.3		75.9		76.6		70.8		54.4		44.7		38.3			
PINEY RIVER 2 SE	37.2M		35.1		44.7		56.8																			

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA
1980

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
BURKES GARDEN	33.2M	1.7	26.6	- 6.4	37.6	- 2.0	49.9M	- .1	57.0	- .7	63.8	- .5	69.9	2.5	68.7	2.3	63.9	3.2	48.2	- 2.0	38.9M	- 1.7	34.0	- 1.3	49.3M	.3
FLOYD 2 NE	34.5	.3	30.1	- 5.3	39.5	- 2.7	51.4	- 1.7	59.5	- 1.7	64.8	- 3.1	71.6	.5	70.9	.9	66.1	2.2	50.6	- 3.4	41.0M	- 2.7	34.4	- .9	51.2M	1.5
GALAX RADIO WBOB	35.9		31.8		41.0		52.3		61.0		66.8		73.6		72.5		67.1		52.0		42.9		35.7M		52.7M	
BRUNDY	37.5		30.4		42.4		55.0		62.4		68.0		77.5		77.1		72.1		54.3		43.8		37.9		-	
MARION EVAP STATION	37.0		31.0		41.9		53.5		61.0		68.0		74.0		73.2		69.0		53.2		43.7		36.5		53.5	
MT LAKE BIOLOGICAL STA	28.4		23.7M		33.5		47.4		55.0M		59.6M		67.4		66.4		61.0		45.6		37.1		29.6		46.2M	
PENNINGTON GAP	38.8	4.4	32.7	- 3.6	44.9	1.0	55.5	1.0	63.6	.6	70.4	.4	76.7	3.7	76.3	4.2	70.9	4.5	53.0	- 3.0	43.8	- .4	36.4	.2	55.1	1.1
PULASKI 2 E	36.6		32.1		42.3		53.7		61.3		66.6		73.7		72.9		67.6		52.7		43.2		38.2		53.4	
STAFFORDSVILLE 3 ENE	35.9		30.0		40.2		54.2		60.2		66.5		74.1		71.1		67.3		57.3		45.2M		39.7M		-	
WISE 1 SE	34.6		30.4		41.7		53.1		61.4M		67.8		73.9		73.5		68.4		53.7		44.9		36.4		53.4M	
WYTHEVILLE 1 S	36.1	1.7	30.4	- 5.7	41.2	- 1.8	53.2	- .2	60.9	- .6	66.4	- 1.8	73.4	2.1	72.5	2.2	67.4	3.1	52.1	- 2.6	42.4	- 1.4	36.1	.7	52.7	.3
DIVISION	35.4	1.2	30.0	- 5.8	40.5	- 2.5	52.7	- .9	60.2	- 1.8	66.1	- 2.7	73.2	1.4	72.2	1.4	67.5	2.6	51.6	- 3.3	42.4	- 1.4	36.1	.8	52.3	.9

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA
1980

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
TIDEWATER 01																										
BACK BAY WL REF	E 4.00	-	E 2.69	-	E 4.12	-	4.05	-	5.98	-	.94	-	1.92	-	4.77	-	1.74	-	5.84	-	1.70	-	2.54	-	E 40.29	-
BRANCHVILLE 1 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLONIAL BEACH	E 3.34	-	2.82	-	2.31	-	2.89	-	3.71	-	.41	-	1.28	-	4.4	-	1.72	-	5.29	-	1.84	-	1.84	-	E 27.13	-
DIAMOND SPRINGS	5.36	1.99	1.93	1.49	3.51	.18	3.33	.49	6.23	2.77	.89	3.02	2.29	3.52	5.72	.57	.93	3.64	5.15	1.98	2.22	.82	2.63	.64	40.36	6.63
DRIVER 4 NE	E 3.57	-2.46	2.29	-1.27	4.54	1.09	2.94	.09	1.88	1.87	.32	-3.62	3.68	-1.75	4.17	-1.16	1.12	-2.92	4.57	1.42	1.92	-1.10	2.48	.81	33.52	-11.72
EMPORIA 1 NW	5.34	2.48	1.27	-2.03	3.24	-.03	2.73	-.15	4.66	.92	1.37	-2.55	E 3.65	-2.40	1.48	-3.04	1.11	-2.54	5.75	3.36	2.17	-.54	1.56	1.66	34.33	-8.25
FREDERICKSBURG NATL PK	3.97	1.18	1.26	-1.27	4.83	1.28	3.16	-.35	3.37	-.08	.73	-2.41	3.65	.75	1.37	-3.42	1.01	-2.23	3.99	.94	2.87	-.03	1.49	1.69	31.70	-8.15
HOLLAND 1 E	4.86	1.40	1.96	-1.70	5.02	1.58	2.90	-.35	3.16	-.35	.33	-8.18	2.75	-3.15	1.20	-5.09	1.00	-3.14	5.85	2.58	2.20	-.92	2.27	.98	33.40	-14.03
HOPEWELL	E 6.52	3.67	1.39	-1.69	5.97	2.78	5.19	2.20	3.03	-.66	.61	-3.34	3.38	-1.88	2.09	-2.45	1.81	-1.83	4.47	1.56	2.43	-.50	.56	2.53	37.45	-4.67
KILMARNOCK 1 N	4.73	-	1.51	-	5.73	-	4.58	-	3.84	-	.63	-	6.22	-	1.75	-	2.64	-	6.74	-	3.20	-	1.35	-	42.92	-
LANGLEY AFB	4.26	1.16	2.87	-.55	5.00	1.41	2.23	-.42	3.38	-.12	.56	-3.03	1.65	-3.11	4.48	-.70	1.01	-3.05	4.28	1.38	1.88	-.86	1.78	-1.22	33.58	-8.73
MATHEWS 2 ENE	3.69	-	2.13	-	5.70	-	3.20	-	2.73	-	1.00	-	2.76	-	1.52	-	2.45	-	2.36	-	2.36	-	1.35	-	33.69	-
NEWPORT NEWS PRESS BLD	3.39	-	2.39	-	E 4.45	-	2.81	-	3.69	-	.79	-	3.61	-	3.22	-	.88	-	3.88	-	2.37	-	2.21	-	E 33.69	-
NORFOLK WSO AP	4.54	1.19	2.91	-.40	4.40	.98	3.25	.54	5.17	1.83	1.39	-2.23	1.85	-3.85	4.54	-1.38	1.47	-2.73	4.21	1.15	2.01	-.93	2.64	.47	38.38	-6.30
OYSTER	-	-	-	-	-	-	-	-	4.04	1.02	.97	-2.37	2.09	-2.21	-	-	1.28	-2.55	-	-	-	-	-	-	-	-
PAINTER 2 W	3.44	-	2.68	-	E 4.48	-	2.95	-	2.35	-	1.01	-	2.94	-	2.67	-	1.70	-	5.91	-	2.91	-	1.64	-	E 34.88	-
STONY CREEK	-	-	-	-	5.40	-	4.20	-	3.80	-	1.00	-	2.50	-	1.30	-	-	-	7.60	-	3.00	-	-	-	-	-
SUFFOLK LAKE KILBY	3.97	-	2.71	-	4.46	-	2.50	-	3.16	-	.29	-	4.30	-	3.14	-	2.33	-	4.46	-	1.91	-	2.54	-	35.25	-
TANGIER ISLAND	3.23	-	E 2.25	-	E 6.87	-	4.53	-	2.56	-	2.01	-	5.68	-	.92	-	1.65	-	3.62	-	3.02	-	2.31	-	E 40.43	-
WALKERTON 2 NW	4.66	1.70	1.03	-2.01	4.94	1.34	3.85	.95	4.38	.38	.57	-3.17	4.39	-.83	1.11	-4.02	.81	-2.77	3.95	.90	2.58	.81	.80	-2.71	32.85	-11.05
WALLACETON LK DRUMMOND	5.10	1.53	2.09	-1.49	3.92	.11	2.43	-.59	2.03	-1.85	.67	-3.89	3.09	-2.66	3.91	-1.97	1.22	-2.99	5.94	2.40	2.20	-.80	3.03	-.50	35.63	-12.70
WALLOPS ISLAND WSSF	3.57	-.46	2.05	-1.47	4.22	-.00	2.60	-.29	2.18	-1.18	-	-	4.27	-	.94	-	1.58	-	6.87	-	2.63	-	.61	-	32.47	-
WARSWICK 2 NW	3.04	-	1.84	-	4.33	-	2.74	-	3.78	-	1.03	-	4.30	-	3.14	-	2.33	-	4.46	-	1.91	-	2.54	-	35.25	-
WATERLY	6.51	-	1.96	-	5.98	-	3.11	-	1.99	-	.61	-	4.31	-	1.18	-	1.13	-	E 5.55	-	E 2.45	-	1.93	-	E 36.71	-
WEST POINT 2 SW	4.84	-	1.72	-	E 5.47	-	5.04	-	3.65	-	1.12	-	4.96	-	.59	-	2.91	-	5.73	-	2.32	-	.56	-	E 38.88	-
WILLIAMSBURG 2 N	6.07	2.82	1.81	-1.60	6.10	2.45	3.05	.20	2.82	-1.04	.92	-3.22	2.29	-2.97	2.55	-2.24	2.30	-1.33	4.34	1.52	2.69	-.20	1.18	-2.03	36.12	-7.64
DIVISION	4.44	1.33	2.02	-1.10	4.92	1.38	3.48	.66	3.54	.13	.85	-2.85	3.33	-1.69	2.29	-2.64	1.59	-2.09	5.19	2.22	2.48	-.46	1.63	-1.52	35.73	-6.65
EASTERN PIEDMONT 02																										
AMELIA 4 SW	E 5.80	-	1.02	-	5.98	-	4.44	-	-	-	-	-	-	-	-	-	1.44	-	6.03	-	2.65	-	.32	-	-	-
ASHLAND	E 5.90	-	.95	-	4.82	-	4.14	-	7.00	-	.35	-	3.32	-	2.21	-	1.68	-	4.08	-	2.69	-	.62	-	37.76	-
BREMO BLUFF	E 4.92	2.18	1.54	-1.27	6.01	2.34	2.50	-.41	3.59	.57	.52	-2.64	4.26	.04	2.03	-2.27	1.58	-	2.78	-	2.71	-.31	.56	-2.74	37.64	6.61
BUCKINGHAM	5.00	-	1.23	-	4.51	-	2.73	-	3.59	-	.71	-	5.95	-	.69	-	1.57	-	2.93	-	3.05	-	.53	-	32.24	-
CAMP PICKETT	6.00	-	1.85	-	4.82	-	3.63	-	4.34	-	1.26	-	4.74	-	2.15	-	1.26	-	4.80	-	2.78	-	.64	-	38.29	-
CHASE CITY	E 4.57	-	E 1.57	-	E 5.41	-	2.81	-	3.68	-	2.28	-	4.55	-	.36	-	1.15	-	4.23	-	3.85	-	.51	-	E 34.97	-
CLARKSVILLE	4.48	1.24	1.02	-2.36	4.05	.39	2.95	-.27	4.18	-.78	2.37	-1.51	3.28	-1.05	-0.00	-4.41	1.34	-2.35	4.69	2.07	2.73	-.31	.92	-2.20	32.01	9.93
COLUMBIA	5.52	2.92	1.11	-1.55	4.40	.99	2.55	-.40	4.30	-.63	.36	-2.44	5.03	1.16	1.71	-2.43	1.20	-2.49	3.75	.83	2.65	-.03	.35	-2.75	32.91	5.36
CORBIN	4.17	-	1.39	-	5.20	-	3.39	-	5.03	-	.88	-	3.02	-	1.25	-	1.34	-	4.83	-	3.13	-	.32	-	33.95	-
CROZIER	6.20	3.36	1.72	-2.23	4.68	.93	3.18	-.23	4.30	.57	.57	-3.03	3.63	-.90	1.60	-3.07	2.18	-1.55	4.57	1.32	2.73	-.22	.57	-2.78	34.93	7.35
CUMBERLAND	5.58	-	1.28	-	5.23	-	3.22	-	3.99	-	1.58	-	4.31	-	1.34	-	4.33	-	3.00	-	2.66	-	.44	-	36.96	-
FARMVILLE 2 N	5.69	2.53	1.40	-1.92	4.74	.69	3.94	.81	5.24	1.51	.98	-2.82	6.47	1.72	3.36	-3.66	3.39	-.21	3.22	-.32	2.80	-.30	.31	-3.08	38.52	-4.23
GORDONSVILLE 3 S	4.52	-	1.22	-	E 4.55	-	3.08	-	2.39	-	1.43	-	5.24	-	3.91	-	1.89	-	2.80	-	3.20	-	.46	-	E 34.69	-
JOHN H KERR DAM	4.76	-	1.45	-	4.02	-	3.24	-	4.01	-	2.62	-	3.44	-	.58	-	.68	-	6.37	-	2.96	-	.87	-	E 34.80	-
KEYSVILLE 8 N	-	-	-	-	-	-	2.53	-	-	-	.30	-	7.36	-	1.27	-	.95	-	3.56	-	-	-	-	-	-	-
LAWRENCEVILLE 5 W	5.60	-	1.92	-	4.88	-	2.85	-	2.85	-	1.11	-	3.10	-	.72	-	2.65	-	5.09	-	2.37	-	1.27	-	34.61	-
LOUISA	4.58	1.58	1.08	-1.87	3.83	-.07	2.08	-1.01	3.11	-.15	.59	-2.76	3.28	-1.38	4.32	-.48	.91	-2.20	3.16	.22	2.51	-.59	.40	-3.10	29.81	-11.81
PAUMPHA 1 E	4.44	-	1.33	-	3.76	-	3.72	-	2.56	-	1.22	-	4.96	-	4.16	-	1.65	-	2.92	-	2.52	-	.40	-	33.64	-
PETERSBURG	E 6.28	-	1.33	-	E 5.51	-	5.35	-	3.26	-	.60</															

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA
1980

TABLE 2

STATION		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
		PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
RAPIDAN		4.81		1.47		4.88		4.01		2.67		.69		5.30		3.49		1.57		2.62		3.28		.35		35.15	
STERLING (RCS)		2.62		.96		5.00		3.90		4.54		2.97		2.97		1.94		2.40		2.43		3.44		.63		34.48	
THE PLAINS 2 NNE		2.58		.89		4.57		4.53		4.03		1.09		3.52		2.74		2.57		2.43		3.36		.46		32.77	
VIENNA DUNN LORING		2.74	-.06	1.11	-1.43	5.50	1.94	5.10	2.02	4.25	-.21	2.03	1.89	5.22	.80	2.73	1.94	2.75	.92	2.98	.11	3.21	.06	.69	2.52	38.31	3.62
WARRENTON 3 SE		3.55		1.24		5.06		4.46		3.87		1.30		3.18		2.08		1.68		2.18		5.15		.73		34.48	
WASHINGTON 3 SSW		3.30		1.08		4.78		6.29		4.00		2.03		4.19		3.60		1.89		1.87		3.44		.20		36.85	
WASH DULLES WSO AP		2.95	-.11	1.00	-1.61	4.82	1.34	3.64	.68	3.86	-.18	1.89	-1.72	4.41	-.29	1.67	-2.58	2.70	-.59	2.77	.03	3.42	-.36	.68	-2.79	33.81	-6.30
WASH NATL WSCMO AP		2.85	-.23	1.16	-1.29	5.04	1.71	3.28	.42	2.64	1.04	1.68	-1.80	3.86	-.26	1.11	-3.56	1.90	-1.18	2.59	.07	2.56	-.34	.65	-2.39	29.32	-9.57
WINCHESTER 3 ESE		2.17	-.06	.87	-1.32	3.49	.22	4.30	1.30	4.61	.97	3.04	.67	4.21	.09	2.50	-1.35	1.27	-1.78	1.95	-1.01	2.67	-.08	.64	-1.90	31.72	-5.59
WOODSTOCK 2 NE		2.62	.57	.95	-.86	3.04	.11	4.40	1.72	4.54	1.16	2.26	-1.21	3.42	.28	3.26	.43	2.55	.48	2.13	.38	3.34	.81	.58	-1.74	32.79	-1.01
DIVISION		3.05	.48	1.04	-1.33	4.38	1.00	4.46	1.41	4.03	-.21	1.96	-1.68	4.52	.35	2.82	-1.49	1.87	-1.58	2.46	.60	3.43	.42	.58	-2.36	34.62	-5.17
CENTRAL MOUNTAIN 05																											
BUCHANAN		4.23	1.46	1.03	-1.83	4.79	1.20	5.01	2.10	2.73	-1.03	2.24	-1.64	4.50	.10	2.13	-2.15	1.94	-1.83	3.10	-.26	2.22	-.78	.56	-2.66	34.48	-7.30
BUENA VISTA		E 3.33	.65	.64	-2.14	5.72	2.13	4.90	2.01	2.89	-.35	1.19	-2.01	5.58	1.69	2.80	-.84	1.24	-2.22	2.91	.25	2.65	-.03	.56	-2.62	34.41	-3.98
CLIFTON FORGE 2 SE		E 3.01	1.32											2.82	1.12	2.97	-1.18			1.90	-1.09	2.62	-.20				
COVINGTON		E 3.02	.77	.75	-1.63	4.92	1.61	4.32	1.85	1.98	-1.28	.55	-2.79	5.70	2.25	2.92	-.67	1.95	-1.01	.80	-1.66	2.15	-.12	.60	-1.99	29.71	-4.67
COVINGTON FILT PLANT		3.22		.67		4.48		4.70		4.26		1.28		6.28		3.21		2.20		1.15		2.74		.70		34.88	
CRAIGSVILLE 2 S		3.47		.72		4.83		6.22		2.87		1.46		5.01		2.95		3.41		1.41		3.47		.35		36.15	
DALE ENTERPRISE		2.86	1.13	.82	-1.08	3.25	.42	5.80	3.37	2.85	-.87	.51	-2.86	4.29	.38	2.85	-1.26	1.83	-1.46	1.40	.98	2.69	.52	.17	-1.96	29.34	-4.67
DEERFIELD 1 S		2.49		.67		5.61		6.91		3.14		2.92		4.58		1.42		3.45		.61		2.72		.80		35.32	
EARLEHURST		3.67		1.87		5.41		5.83		2.24		1.28		6.87		3.92		1.81		1.36		2.95		.91		38.12	
GATHRIGHT DAM		-		-		-		-		2.08		1.71		4.12		4.05		3.18		1.15		3.04		.71		-	
GLASGOW 1 SE		// 4.97		1.08		5.32		7.40		3.46		1.46		4.15		1.99		1.24		2.59		2.82		.61		37.10	
GOSHEN		4.39	1.87	.95	-1.72	5.86	2.25	6.07	3.23	2.82	-.49	1.00	-2.41	E 4.63	.92	2.38	-1.36	2.89	-.58	2.19	-.59	3.55	-.72	.37	-2.41	37.10	-.59
HOT SPRINGS		3.75	.97	.97	-1.80	6.09	2.17	6.62	3.49	3.06	-.55	1.04	-2.82	7.42	3.33	4.33	.14	4.00	.50	1.62	-1.39	3.34	-.56	.42	-2.64	42.66	1.96
KERRS CREEK 6 MNW		3.93		.67		5.57		7.18		2.53		.85		4.60		4.30		3.62		1.78		3.33		.78		39.14	
LEXINGTON		4.41	1.89	.86	-1.93	5.65	2.07	4.97	2.16	2.19	-1.03	1.41	-1.93	3.94	.00	1.80	-1.63	2.49	-1.12	2.15	-.62	2.45	-.23	.48	-2.54	32.78	-4.95
MC DOWELL		4.09		.85		4.92		5.65		2.58		1.21		E 3.75		5.09		3.80		1.44		3.02		E .93		E 37.33	
MILLGAP 2 NNW		3.03		.94		5.41		6.49		4.17		2.48		4.26		3.39		2.46		1.68		3.53		.88		38.72	
MONTEREY		3.16	.70	1.13	-1.59	6.26	2.76	6.26	2.97	3.14	-.58	1.28	-2.45	4.00	-.02	2.67	-.99	1.64	-1.73	1.96	-.74	3.95	1.36	1.10	-1.89	36.55	-2.18
MOUNTAIN GROVE		3.77		1.31		E 6.25		5.85		4.70		1.22		5.24		4.12		3.79		1.36		3.50		.77		E 41.68	
MT SOLOH		-		-		-		4.91		5.41		.81		3.63		5.54		2.71		2.05		2.83		.64		-	
NEW CASTLE		3.40	.79	.71	-2.17	5.59	2.05	5.88	3.14	3.76	-.30	2.24	-1.10	5.81	2.29	3.60	-.38	2.24	-1.16	2.23	-.46	2.36	-.15	.72	-2.27	38.54	.86
ROANOKE WSO AP		E 4.10	1.34	.67	-2.42	4.54	2.08	5.51	2.71	2.66	-.81	1.81	-1.70	5.19	1.44	2.87	-1.28	1.66	-1.76	2.30	-.89	1.76	-.70	.60	-2.51	34.55	-4.48
STAUNTON SEWAGE PLANT		3.47	1.10	.78	-1.26	4.99	1.91	5.39	2.67	2.97	-.87	1.46	-1.87	4.18	.72	2.48	-.89	2.75	.81	1.19	-1.56	3.02	-.55	.35	-2.02	33.03	-2.31
TIMBERVILLE 3 E		3.63	1.61	.70	-1.29	2.98	-.02	3.83	1.39	2.53	-.99	.92	-2.28	4.31	-.19	2.92	-1.34	2.45	-1.00	2.15	-.34	2.81	-.55	.33	-2.02	29.56	-5.47
DIVISION		3.65	1.15	.85	-1.79	4.88	1.46	5.34	2.45	2.85	-.76	1.37	-2.20	4.82	.86	2.93	-1.08	2.41	-1.16	1.82	-1.19	2.80	-.19	.54	-2.35	34.26	-4.40
SOUTHWESTERN MOUNTAIN 06																											
ABINGDON 3 S		4.22		1.48		5.64		3.51		4.08		1.75		E 5.50		2.98		3.58		2.95		2.86		1.54		40.29	
ALLISONIA 2 S		E 3.60		E .46		E 3.59		2.67		2.37		1.56		E 6.34		1.66		1.58		1.96		1.47		.81		E 26.53	
BLACKSBURG 3 SE		3.73		E .38		5.70		4.65		2.77		2.38		6.34		2.10		.96		2.93		2.05		.94		E 34.93	
BLAND		3.45		.67		5.74		3.95		3.22		2.07		8.79		2.60		3.22		2.58		1.10		1.10		40.61	
BURKES GARDEN		4.60	1.28	1.37	-2.11	6.36	2.30	4.68	1.36	4.73	.97	1.95	-1.88	9.77	4.99	3.54	-.36	2.97	-.14	2.33	-.06	2.33	-.70	1.31	-2.13	45.94	3.52
BYLLESBY 3 W		2.65		.60		5.41		4.81		2.79		2.99		6.26		2.79		2.46		2.95		1.84		.58		36.11	
COPPER HILL 1 NNE		3.21	.47	.78	-2.39	4.13	1.45	7.30	3.94	2.81	-1.14	2.81	-1.37	5.19	.73	2.45	-2.09	3.04	-1.33	5.24	1.50	2.20	-.52	.66	-2.46	40.90	-3.21
FLOYD 2 NE		3.70	.86	.82	-2.42	4.54	.99	6.36	2.95	3.63	-.19	2.61	-1.37	4.37	.44	3.92	.07	1.00	-3.30	3.65	.51	2.35	.41	.34	-3.00	37.29	-5.81
GALAX RADIO WBOB		2.91	.19	.98	-2.57	5.29	1.80	6.44	3.14	2.89	-.67	3.49	-.47	3.44	-.62	2.55	-1.47	2.41	-1.44	3.45	.40	2.98	.24	.43	-2.71	37.26	-4.21
GLEN LYN		3.93	1.47	.74	-1.86	4.41	1.13	4.93	2.10	2.93	-.41	2.18	-.99	7.32	3.34	2.78	-.87	3.77	1.04	1.55	-.66	2.03	.24	.84	-1.81	37.39	-2.24
GRUNDY		3.92		1.13		4.18		4.25		1.87		E 1.01		8.01		3.16		4.50		2.37		3.02		1.30		E 38.72	
HILLSVILLE 1 S		3.20	.58	.43	-2.53	4.81	1.14	6.51	3.24	4.25	.35																

TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA
1980

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
* * *																													
TIDEWATER 01																													
BACK BAY WL REF	102	8-1	15	3-3*	3-3	15	-	-	-	-	-	-	4-6	30	11-20	29	12-15	22	12-15	22	12-27	20	NONE	-	-	-	-	-	228
BRANCHVILLE 1 S		-	-	-	-	-	-	-	-	-	-	-	-	-	10-7	30	10-14	26	11-3	21	11-19	19	11-20	15	-	-	-	-	-
COLONIAL BEACH	102	7-20*			3-4	15	3-4	15	3-13	22	3-13	22	4-17	32	11-17	32	11-21	28	12-18	24	12-20	19	12-22	14	293	291	280	253	214
DIAMOND SPRINGS	103	8-2	12	12-26*	3-3	15	3-4	20	3-4	20	3-4	20	3-19	32	11-3	32	11-20	27	12-18	22	12-25	14	12-25	14	297	296	289	261	229
FREDERICKSBURG NATL PK	102	8-2*	1	12-26	3-4	16	3-4	16	3-19	24	4-17	27	4-18	30	10-13	32	10-27	26	11-19	23	11-20	18	12-18	16	289	261	245	193	178
HOLLAND 1 E	104	8-2	6	12-26	3-4	16	3-4	16	3-4	16	3-12	26	5-10	31	10-26	32	11-19	28	11-20	20	11-20	20	12-21	14	292	261	261	252	169
HOPEWELL	103	9-1	5	12-26	3-3	15	3-3	15	3-4	22	3-15	28	3-19	30	10-31	29	11-3	28	11-20	22	12-20	18	12-21	13	293	292	261	233	226
KILMARNOCK 1 N	101	7-16	-	12-26	3-4	12	3-4	12	3-19	23	3-27	25	5-10	32	10-14	29	10-27	26	11-17	24	11-20	18	12-20	15	291	261	243	214	157
LANGLEY AFB	105	8-1	15	12-26*	2-12	16	2-13	20	3-3	23	3-3	23	3-4	27	11-19	31	12-14	28	12-20	24	12-25	18	12-26	15	318	316	292	285	260
MATHEWS 2 ENE	100	8-1	6	12-26	3-4	12	3-4	12	3-4	12	3-19	27	4-2	32	10-31	30	11-19	27	11-20	24	12-18	17	12-22	12	293	289	261	245	212
NEWPORT NEWS PRESS BLD	102	8-4	11	3-3*	3-3	11	3-3	11	3-3	11	3-22	25	3-26	32	11-2	32	12-18	27	12-20	21	12-21	17	12-25	12	297	293	292	271	221
NORFOLK WSO AP	104	8-1	9	2-11	2-12	16	3-3	20	3-4	23	3-4	23	3-7	31	11-19	30	11-20	27	12-17	24	12-25	16	12-25	16	317	297	288	261	257
OYSTER		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAINTER 2 W	97	7-21	7	12-26	3-4	11	3-4	11	3-12	24	3-16	28	4-2	32	10-31	30	11-20	25	12-18	18	12-18	18	12-22	13	293	289	281	249	212
STONY CREEK		-	-	-	3-4	16	3-4	16	3-15	24	4-17	28	5-10	32	10-14	29	10-31	27	11-12	21	11-20	18	-	-	-	261	242	197	157
SUFFOLK LAKE KILBY	98	6-29	6	12-26	3-3	14	3-4	17	3-4	17	3-12	28	3-27	32	10-14	32	11-19	26	11-20	24	12-20	15	12-20	15	292	291	261	252	201
TANGIER ISLAND	96	8-1	10	12-26	3-3	16	3-3	19	3-3	19	3-4	25	3-4	25	11-10	31	12-4	28	12-20	17	12-20	17	12-25	14	298	292	292	275	261
WALKERTON 2 NW	101	7-16	-	-	3-3	15	3-3	15	3-12	24	3-19	25	4-17	32	10-14	31	11-3	27	11-20	19	11-20	19	-	-	-	262	253	229	180
WALLOPS ISLAND WSSF		-	-	-	3-3	16	3-3	16	3-4	21	3-12	27	3-19	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARSAW 2 NW	101	9-2	4	12-25	3-3	10	3-4	18	3-12	22	3-19	27	4-17	32	10-27	28	10-27	28	11-20	24	12-20	16	12-20	16	292	291	253	222	193
WAVERLY	101	8-3	4	12-26	3-4	16	3-4	16	3-4	16	3-19	27	4-17	29	10-14	32	11-3	28	11-20	22	12-18	19	12-21	12	292	-	-	-	-
WEST POINT 2 SW	101	9-2*	3	12-26	3-4	16	3-4	16	3-4	16	3-19	26	4-17	32	10-14	32	11-3	28	11-20	22	12-18	19	12-21	12	292	289	261	229	180
WILLIAMSBURG 2 N	102	8-2*	5	12-26	3-3	15	3-4	17	3-4	17	3-19	27	4-17	30	10-27	30	11-11	27	11-22	24	12-18	18	12-21	12	293	289	263	237	193
* * *																													
EASTERN PIEDMONT 02																													
AMELIA 4 SW		-	0	12-26	3-3	12	3-3	12	3-4	24	4-17	26	4-17	26	10-13	32	10-27	28	11-19	24	11-26	20	12-20	15	292	268	260	193	179
ASHLAND	100	7-16	0	12-26	3-4	14	3-4	14	3-4	14	3-26	28	4-17	29	10-14	31	10-27	28	11-12	24	11-20	19	12-20	15	291	261	253	215	180
CAMP PICKETT	101	8-10	-	12-26	3-4	11	3-4	11	3-12	24	4-17	27	4-17	27	10-14	31	10-31	28	11-19	22	11-21	19	12-21	9	292	262	252	197	180
CHASE CITY	100	8-16*	5	12-26	3-4	12	3-15	20	3-23	23	3-27	27	4-17	30	10-15	28	10-15	28	11-19	21	12-4	20	12-21	11	292	264	241	202	181
COLUMBIA	102	7-17	0	12-26	3-4	13	3-4	13	3-19	24	4-17	25	5-10	31	10-7	32	10-14	28	11-12	24	11-20	20	12-20	15	291	261	238	180	150
CORBIN	102	7-17	0	12-26	3-4	13	3-4	13	3-4	13	3-19	26	4-18	32	10-14	31	10-27	28	11-20	20	11-20	20	12-20	15	291	261	261	222	179
CROZIER	101	8-10	1	12-26	3-3	11	3-4	17	3-5	24	3-19	26	4-18	31	10-14	32	10-27	28	11-19	24	12-20	16	12-20	16	292	291	259	222	179
FARMVILLE 2 N	100	9-2*	0	12-26*	3-3	10	3-3	10	3-15	21	4-17	26	4-17	26	10-17	28	10-27	28	11-12	24	11-20	16	12-20	15	293	262	242	193	193
JOHN H KERR DAM	102	8-2	6	12-27*	3-4	13	3-4	13	3-4	13	3-20	28	4-18	29	11-1	32	11-19	25	11-20	22	12-21	11	12-21	11	292	292	261	244	197
LAWRENCEVILLE 5 W	100	8-10*	1	12-26	3-3	9	3-4	18	3-4	18	4-17	27	5-10	32	10-13	32	11-3	27	11-19	23	12-4	19	12-21	10	293	275	260	200	156
LOUISA	99	7-16	1	12-26	3-3	8	3-3	8	3-4	22	4-17	27	4-18	32	10-14	30	10-27	27	11-19	24	12-18	19	12-20	14	292	290	260	193	179
RICHMOND WSO AP	101	7-16*	5	12-26	3-4	16	3-4	16	3-4	16	3-4	16	3-19	30	10-27	31	11-19	27	11-20	24	12-18	20	12-20	14	291	289	261	260	222
* * *																													
WESTERN PIEDMONT 03																													
APPOMATTOX 3 W	100	7-18*	3	12-27*	3-4	13	3-5	20	3-5	20	3-27	28	5-10	31	10-13	32	10-27	28	10-31	24	-	-	12-21	9	292	-	240	214	156
BEDFORD	99	7-17*	8	12-26	3-3	12	3-3	12	3-4	21	3-27	28	4-17	29	-	-	11-20	25	11-21	23	12-21	11	12-21	11	293	293	262	238	-
BROOKNEAL	103	7-17	3	12-27*	3-4	12	3-5	17	3-5	17	3-24	27	4-18	31	10-14	32	11-6	28	11-20	21	11-21	20	12-21	9	292	261	260	227	179
CHARLOTTE COURT HOUSE	101	7-17	-	2-4	-	-	-	-	-	-	4-17	28	4-17	28	10-														

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA
1980

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates					
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below	
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.								
HOT SPRINGS	95	7-22+	0	12-27+	3- 5	13	3-13	20	3-24	21	4-18	28	5-11	32	10-14	30	10-25	26	11-12	21	11-20	16	11-20	16	260	252	233	190	156	
LEXINGTON	100	7-16	- 1	2- 3	3- 4	8	3- 4	8	3-19	24	4-17	28	4-17	28	10-14	31	10-27	27	11-20	18	11-20	18	12-21	6	292	261	246	193	180	
MONTEREY	92	7-16	- 8	12-26	3-12	15	3-23	20	4-17	23	5-10	27	5-10	27	10- 6	26	10- 6	26	10-27	21	11-20	15	11-20	15	253	242	193	149	149	
ROANOKE WSO AP	100	7-17	3	12-26	3- 3	10	3- 3	10	3- 4	21	4-17	27	4-17	27	10-27	30	11-19	28	11-20	22	12-20	14	12-20	14	292	292	261	216	193	
STAUNTON SEWAGE PLANT	100	7-17	-10	3- 3	3- 4	5	3-15	20	-	4	5- 9	28	5-10	31	10-12	32	10-14	28	10-26	24	11-12	18	11-20	15	261	242	-	158	155	
TIMBERVILLE 3 E	101	7-16	- 7	3- 3	3- 4	7	3-15	17	3-27	23	4-17	25	5- 9	32	10-14	27	10-14	27	11- 2	24	11-20	17	12-20	11	291	250	220	180	158	
* * *																														
SOUTHWESTERN MOUNTAIN	06																													
ABINGDON 3 S	95	8-11+	- 7	2- 3	3- 4	10	3-15	20	3-19	23	4-17	25	5- 9	30	10- 6	28	10- 6	28	11- 6	22	11-12	16	11-12	16	253	242	232	172	150	
BLACKSBURG 3 SE	96	7-17	- 2	2- 2	3- 4	4	3-19	18	4-17	24	4-17	24	5-10	30	10- 6	32	10-27	28	11-12	23	11-20	16	11-20	16	261	246	209	193	169	
BURKES GARDEN	88	7-20+	-10	2- 5	3-10	16	3-22	19	4-17	21	5-10	26	6-12	32	10- 6	25	10- 6	25	10-22	23	11-11	20	11-20	10	255	234	188	149	119	
FLOYD 2 NE	93	7-16+	- 5	12-26	3-18	10	3-19	18	4-17	22	5-10	25	5-10	25	10- 4	32	10- 7	28	11- 2	22	11-13	20	11-20	11	247	239	199	150	147	
GALAX RADIO WSOB	94	7-17+	1	12-26	3- 3	5	3-15	20	4- 5	24	5-10	28	5-10	28	10- 7	30	11- 6	26	11-20	16	11-20	16	11-20	16	262	250	229	180	150	
GRUNDY	97	7-17	- 2	2- 3	3- 4	12	3- 4	12	3-15	23	4-17	28	5- 9	32	10-27	30	11- 6	28	11-12	22	12- 4	20	12-20	15	291	275	242	203	171	
MARION EVAP STATION	95	6-25	- 6	2- 5+	3- 4	5	3-15	20	4-17	23	4-17	23	5-10	32	10- 7	30	10-13	27	11- 6	24	11-12	20	11-20	16	261	242	203	179	150	
MT LAKE BIOLOGICAL STA	85	7-17	- 7	12-25	3-15	12	3-23	19	4-17	22	5-10	28	5-15	31	10- 4	31	10- 6	27	10-25	24	11-11	18	11-12	16	242	233	191	149	142	
PENNINGTON GAP	97	7-17+	- 6	3- 3	3- 4	12	3- 4	12	3-12	23	4-17	26	5-10	32	10- 5	31	10- 6	26	10-13	22	11- 6	18	11-20	16	261	247	215	172	146	
PULASKI 2 E	94	7-16	0	12-26+	3- 4	7	3-19	20	4-17	22	5-10	28	5-10	28	10- 6	31	10-26	28	11- 6	23	11-20	13	11-20	13	261	246	203	169	149	
STAFFORDSVILLE 3 ENE	94	7-17+	- 5	3- 3+	3- 4	5	3-19	19	4-17	23	5-10	28	5-10	28	-	-	-	-	11-20	18	11-20	18	11-21	16	262	246	217	-	-	
WISE 1 SE	92	7-16	- 5	3- 3	3- 3	5	3-11	20	3-14	23	3-23	28	5- 9	32	10- 6	31	11- 1	26	11-12	22	11-20	20	12-20	9	292	254	243	223	150	
WYTHEVILLE 1 S	93	7-17+	- 6	2- 3+	3- 4	4	3-19	18	4-17	22	5-10	28	5-10	28	10- 6	30	10-13	27	11- 6	22	11-20	13	11-20	13	261	246	203	156	149	
* * *																														
STATE EXTREMES																														
LANGLEY AFB	105	8- 1																												
STAUNTON SEWAGE PLANT				-10	3- 3																									
BURKES GARDEN					2- 5																									

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

VIRGINIA
1980

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
JOHN H. KEPR DAM	EVAP	-	-	-	-	5.568	7.21	7.648	7.02	5.26	3.398	-	-	-
	WIND	-	-	-	-	1278	1689	1482	1471	1440	1607	-	-	-
* * * WESTERN PIEDMONT 03														
PHILPOTT DAM 2	EVAP	-	-	-	4.04	4.188	4.488	5.39	5.00	3.21	2.168	-	-	-
	WIND	-	-	-	8088	527	547	431	324	303	507	-	-	-
	MAX	-	-	-	66.0	79.2	84.8	91.9	90.2	81.7	63.8	-	-	-
	MIN	-	-	-	44.0	52.7	57.8	66.2	65.9	59.8	44.5	-	-	-
* * * CENTRAL MOUNTAIN 05														
GATHRIGHT DAM	EVAP	-	-	-	-	4.35	5.088	5.64	4.98	3.44	-	-	-	-
	WIND	-	-	-	-	8468	813	643	558	466	-	-	-	-
	MAX	-	-	-	-	72.6	79.9	88.4	85.7	79.1	-	-	-	-
	MIN	-	-	-	-	50.1	55.0	64.7	64.3	59.6	-	-	-	-
* * * SOUTHWESTERN MOUNTAIN 06														
MARION EVAP STATION	EVAP	-	-	-	4.378	5.42	6.088	6.548	5.64	4.378	2.988	-	-	-
	WIND	-	-	-	1511	884	1021	722	601	599	947	-	-	-
	MAX	-	-	-	70.3	78.4	85.7	92.6	89.2	83.0	65.1	-	-	-
	MIN	-	-	-	47.0	54.5	60.9	67.4	66.0	61.6	46.1	-	-	-

See Reference Notes Following Station Index

STATION INDEX

VIRGINIA
1980

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ABINGDON 7 WSW	0013	06	WASHINGTON	836 40	82 06	1995							C
ABINGDON 3 S	0021	06	WASHINGTON	836 40	81 58	1920		12	12				1 2 3
ALLISONIA 2 S	0135	06	PULASKI	1136 54	80 45	1820			29				2
ALTAVISTA	0166	03	CAMPBELL	1537 06	79 18	510			35				2 C
AMELIA 4 SW	0187	02	AMELIA	137 18	78 02	360		12	12				1 2 3
AMISSVILLE	0193	04	RAPPAHANNOCK	1438 41	78 01	550			37				2
APPOMATTOX 3 W	0243	03	APPOMATTOX	937 22	78 53	925		19	42				1 2 3
ASHLAND	0327	02	HANOVER	937 45	77 29	220		68	68				1 2 3
BACK BAY WL REF	0385	01		236 40	75 55	5		28	28				1 2 3
BEDFORD	0551	03	BEDFORD	1537 21	79 31	975		52	66				1 2 3
BERRYVILLE	0670	04	CLARKE	1639 09	77 59	600		29	39				1 2 3
BIG MEADOWS	0720	04	MADISON	1438 31	78 26	3535		45	45				1 2 3
BLACKSBURG 3 SE	0766	06	MONTGOMERY	1137 11	80 25	2000		29	29				1 2 3
BLAND	0792	06	BLAND	1137 06	81 06	2000			30				2
BOYKINS	0956	01	SOUTHAMPTON	1036 35	77 12	40		27	27				1 2 3
BRANCHVILLE 1 S	0975	01	SOUTHAMPTON	1036 34	77 15	40		27	27				1 2 3
BREMO BLUFF	0993	02	FLUVANNA	937 42	78 18	225			40		AUG		2
BROOKNEAL	1082	03	CAMPBELL	1537 02	78 57	520		5	31				1 2 3
BUCHANAN	1121	05	BOTETOURT	937 32	79 41	880		62	79				1 2 3
BUCKINGHAM	1136	02	BUCKINGHAM	937 33	78 33	460			45				2
BUENA VISTA	1159	05	ROCKBRIDGE	937 44	79 21	840			43				2
BURKES GARDEN	1209	06	TAZEWELL	1137 05	81 20	3300		83	85				1 2 3
BYLLESBY 3 W	1259	06	CARROLL	1136 48	80 59	2610			15				2
CAMP PICKETT	1322	02	NOTTOWAY	1237 02	77 57	330		9	9				1 2 3 C
CHARLOTTE COURT HOUSE	1585	03	CHARLOTTE	1537 04	78 39	580		34	34				1 2 3
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	938 02	78 31	870		77	104				1 2 3
CHASE CITY	1606	02	MECKLENBURG	1536 50	78 28	510		33	33				1 2 3
CHATHAM	1614	03	PITTSYLVANIA	736 49	79 24	640		57	57				1 2 3 C
CLARKSVILLE	1746	02	MECKLENBURG	1536 37	78 34	310			89				2
CLIFTON FORGE 2 SE	1801	05	ALLEGANY	937 48	79 48	1100			56				2
CLINCHCO	1808	06	DICKENSON	337 10	82 19	1530			25		INAC		2
COLONIAL BEACH	1913	01	WESTMORELAND	1338 15	76 58	10		18	18				1 2 3
COLUMBIA	1929	02	GOOCHLAND	937 46	78 09	300		78	82				1 2 3 C
CONCORD 5 S	1955	03	CAMPBELL	1537 17	78 58	650			31				2
COPPER HILL 1 NNE	1999	06	FLOYD	1137 06	80 08	2720			39				2
CORBIN	2009	02	CAROLINE	1438 12	77 22	220		22	22				1 2 3
COVINGTON	2041	05	ALLEGANY	937 48	80 00	1245			43				2
COVINGTON FILT PLANT	2044	05	ALLEGANY	937 48	80 00	1230		20	20				1 2 3 C
CRAIGSVILLE 2 S	2064	05	AUGUSTA	938 03	79 23	1780			18				2
CROZIER	2142	02	GOOCHLAND	937 38	77 48	300		5	42				1 2 3
CULPEPER	2155	04	CULPEPER	1438 28	78 00	420		71	73				1 2 3
CULPEPER RVRSIDE CG	2159	04	CULPEPER	1438 21	77 57	260							C
CUMBERLAND	2160	02	CUMBERLAND	137 30	78 15	460			2				2
DALE ENTERPRISE	2208	05	ROCKINGHAM	1638 27	78 56	1400		98	100				1 2 3 C
DANVILLE-BRIDGE ST	2245	03	PITTSYLVANIA	736 35	79 23	410		63	90				1 2 3
DAVENPORT 2 NE	2269	06	BUCHANAN	337 07	82 06	1609							C
DEERFIELD 1 S	2315	05	AUGUSTA	938 10	79 22	1720			54				2
DIAMOND SPRINGS	2368	01	PRINCESS ANN	536 54	76 12	25		72	72		DEC		1 2 3
DRIVER 4 NE	2504	01		236 53	76 29	17			38				2
EARLEHURST	2600	05	ALLEGANY	937 40	80 14	2040			5				2
ELKWOOD 6 SE	2729	04	CULPEPER	1438 27	77 46	330		40	40		INAC		1 2 3 C
EMPORIA 1 WNW	2790	01	GREENSVILLE	1036 41	77 33	100			50				2
FARMVILLE 2 N	2941	02	CUMBERLAND	137 20	78 23	450		59	61				1 2 3
FLOYD 2 NE	3071	06	FLOYD	1136 56	80 18	2600			48				1 2 3
FREDERICKSBURG NATL PK	3192	01	SPOTSYLVANIA	1438 19	77 27	90		87	89				1 2 3
FREDERICKSBURG 2	3200	01	SPOTSYLVANIA	1438 18	77 28	120							C
FREE UNION	3213	03	ALBEMARLE	938 09	78 34	500			26				2
FRONT ROYAL 1 ESE	3229	04	WARREN	1638 55	78 11	527							C
GALAX RADIO WBOB	3267	06	CARROLL	1136 40	80 55	2385		26	37				1 2 3
GALAX WATER PLANT	3272	06	CARROLL	1136 39	80 55	2360							C
GATHRIGHT DAM	3310	05	ALLEGANY	937 57	79 57	1770		1	1		1 MAY		1 2 34
GLASGOW 1 SE	3375	05	ROCKBRIDGE	937 37	79 26	740			14				2
GLEN LYN	3397	06	GILES	1137 22	80 52	1520		48	67				2
GORDONSVILLE 3 S	3466	02	LOUISA	1738 05	78 11	460			20				2
GOSHEN	3470	05	ROCKBRIDGE	937 59	79 30	1350			41				2
GROSECLOSE	3623	06	SHYTH	836 52	81 21	2550							C
GRUNDY	3640	06	BUCHANAN	337 16	82 05	1170		20	30				1 2 3
HILLSVILLE 1 S	3991	06	CARROLL	1136 44	80 44	2590			38				2
HOLCOMBS ROCK	4039	03	BEDFORD	937 30	79 16	575			21				2
HOLLAND 1 E	4044	01		436 41	76 47	80		48	48				1 2 3
HONAKER	4078	06	RUSSELL	637 01	82 00	1960							C
HOPEWELL	4101	01	PR GEORGE	937 18	77 18	40		88	93				1 2 3
HOT SPRINGS	4128	05	BATH	938 00	79 50	2238		87	89				1 2 3 C
HUDDLESTON 2 SW	4148	03	BEDFORD	1537 09	79 30	1000			31				2
HURLEY	4180	06	BUCHANAN	337 25	82 01	990							C
INDEPENDENCE 2	4234	06	GRAYSON	1136 39	81 10	2610			28				2
INDIAN VALLEY	4246	06	FLOYD	1136 54	80 34	2700							C
JOHN W FLANNAGAN LAKE	4410	06	DICKENSON	337 14	82 21	1462			12				2 C
JOHN H KERR DAM	4414	02	MECKLENBURG	1536 36	78 17	250		32	29				1 2 34C
KERRS CREEK 6 WNW	4565	05	ROCKBRIDGE	937 51	79 35	1500			19				2

See Reference Notes Following Station Index

STATION INDEX

VIRGINIA
1980

Station	Index No.	Division No.	County	Drainage #	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
KEYSVILLE 8 N	4568	02	PRINCE EDWARD	137	10	78 31	550		2				2
KILMARNOCK 1 N	4600	01	LANCASTER	1437	43	76 23	60	2	2				1 2 3
LAFAYETTE 1 NE	4676	06	MONTGOMERY	1537	14	80 13	1380		30				2
LANGLEY AFB	4720	01		537	05	76 21	10	95	144				1 2 3
LAWRENCEVILLE 5 W	4768	02	BRUNSWICK	1036	46	77 56	300	35	35				1 2 3
LEXINGTON	4876	05	ROCKBRIDGE	937	47	79 26	1060	102	109				1 2 3
LINCOLN	4909	04	LOUDOUN	1339	07	77 43	500	79	80				1 2 3
LOUISA	5050	02	LOUISA	1738	02	78 00	420	65	65				1 2 3
LURAY 5 E	5096	04	PAGE	1638	40	78 23	1200	39	39				1 2 3
LYNCHBURG WSO AP	5120	03	CAMPBELL	937	20	79 12	916	109	109				1 2 3 C
MANASSAS 3 NW	5213	04	PR WILLIAM	1338	47	77 30	330	33	64				1 2 3
MARION EVAP STATION	5271	06	SMYTH	836	49	81 31	2100	21	21	21			1 2 3 4
MARTINSVILLE FILT PL	5300	03	HENRY	736	42	79 53	760	42	50				1 2 3
MATHEWS 2 ENE	5338	01	MATHEWS	537	27	76 17	5	30	30				1 2 3
MC DOWELL	5414	05	HIGHLAND	938	20	79 30	2000		17				2
MC GAHEYSVILLE 2 S	5423	05	ROCKINGHAM	1638	21	78 44	1090						C
MEADOWS OF DAN 5 SW	5453	03	PATRICK	736	40	80 27	1500	31					2
MILLGAP 2 NNW	5595	05	HIGHLAND	938	21	79 43	2520	5					C
MILL RUN FARM	5599	05	BATH	938	13	79 44	2080	4					2
MONTEBELLO 2 NE	5685	03	NELSON	937	53	79 08	2680	43					2
MONTEBELLO FISH NRSY	5690	03	NELSON	937	51	79 08	2649						C
MONTEREY	5698	05	HIGHLAND	1338	25	79 35	2920	39	55				1 2 3
MOUNTAIN GROVE	5756	05	BATH	938	06	79 53	1767	5					2
MT LAKE BIOLOGICAL STA	5828	06	GILES	937	23	80 32	3870	10	10				1 2 3
MT SOLON	5838	05	AUGUSTA	1638	21	79 05	1560	1					2
MOUNT WEATHER	5851	04	LOUDOUN	1339	04	77 53	1720	76	77				1 2 3 C
NEW CASTLE	6012	05	CRAIG	937	30	80 06	1310	43					2
NEWPORT 2 NW	6046	06	GILES	937	19	80 31	1900	35					2
NEWPORT NEWS PRESS BLD	6054	01		937	01	76 27	50	59	59				1 2 3
NORFOLK WSO AP	6139	01		536	54	76 12	22	35	35				1 2 3 C
NORTH FORK LAKE	6173	06	WISE	337	08	82 38	1675	12					2
NORTH GARDEN	6178	03	ALBEMARLE	937	57	78 38	686						C
OYSTER	6456	01	NORTHAMPTON	237	17	75 56	27	44	44				1 2 3
PAINTER 2 W	6475	01	ACCOMACK	537	35	75 49	30	25	25				1 2 3 C
PALMYRA 1 E	6491	02	FLUVANNA	937	52	78 15	410	24					2
PEDLAR DAM	6593	03	AMHERST	937	40	79 17	1013	46					2
PENNINGTON GAP	6626	06	LEE	636	45	83 03	1510	48	48				1 2 3
PETERSBURG	6656	02		137	14	77 24	15	2					2
PHILOTT DAM 2	6692	03	HENRY	1536	47	80 02	1123	28	28	28			1 2 3 4 C
PIEDMONT RESEARCH STA	6712	04	ORANGE	1738	13	78 07	515	33	34				1 2 3 C
PILOT 1 ENE	6723	06	MONTGOMERY	1137	04	80 21	2180	39					2
PINEY RIVER 2 SE	6747	03	AMHERST	937	42	79 00	750	5	5				1 2 3
POWHATAN 1 E	6906	02	POWHATAN	137	32	77 55	360	21					2
PULASKI 2 E	6955	06	PULASKI	1137	03	80 45	1850	20	20				1 2 3 C
RADFORD	6999	06		1137	08	80 33	1730	13					2
RANDOLPH 5 NNE	7025	03	CHARLOTTE	1536	59	78 42	350	75					2
RAPIDAN	7033	04	ORANGE	1438	18	78 04	300	35					C
REMINGTON 2	7130	04	FAUQUIER	1438	32	77 49	280						2
RICHMOND WSO AP	7201	02	HENRICO	937	30	77 20	164	43	43				1 2 3 C
ROANOKE WSO AP	7285	05	ROANOKE	1537	19	79 58	1149	46	48				1 2 3 C
ROCKFISH	7312	03	NELSON	937	48	78 45	445	43					2
ROCKY MOUNT	7338	03	FRANKLIN	1537	00	79 54	1232	87	87				1 2 3 C
SOUTH BOSTON	7925	03	HALIFAX	736	42	78 53	340	25	25				1 2 3
SPEEDWELL	7971	06	WYTHE	1136	49	81 10	2340	40					2
SPRING CREEK 2	7997	06	TAZEVELL	637	01	81 39	2370						C
STAFFORDSVILLE 3 ENE	8022	06	GILES	1137	16	80 43	1950	11	29				1 2 3
STAR TANNERY	8046	04	FREDERICK	1639	05	78 26	950						C
STAUNTON SEWAGE PLANT	8062	05	AUGUSTA	1638	09	79 02	1385	88	94				1 2 3 C
STERLING (RCS)	8084	04	LOUDOUN	1338	59	77 28	280	4	4				1 2 3
STONY CREEK	8129	01	SUSSEX	1236	57	77 24	75	21	21				1 2 3 C
STRASBURG 2 ESE	8149	04	SHENANDOAH	1338	59	78 20	540						C
STUART 1 SSE	8170	03	PATRICK	736	38	80 16	1455	21	21				1 2 3
STUARTS DRAFT	8172	05	AUGUSTA	1638	00	79 03	1450	31					C
SUFFOLK LAKE KILBY	8192	01		236	44	76 36	22	34	34				1 2 3
TANGIER ISLAND	8323	01	ACCOMACK	537	50	76 00	5	28	28				1 2 3
THE PLAINS 2 NNE	8396	04	FAUQUIER	1338	54	77 45	530	35					C
TIMBERVILLE 3 E	8448	05	ROCKINGHAM	1638	39	78 43	1000	38	49				1 2 3
TROUT DALE 3 SSE	8547	06	GRAYSON	1136	40	81 24	2820	45					C
TYE RIVER 1 SE	8600	03	NELSON	937	38	78 56	720	18	42				1 2 3
VIENNA DUNN LORING	8737	04	FAIRFAX	1338	54	77 13	418	32					2
WALKERTON 2 NW	8829	01	KING & QUEEN	1737	45	77 03	50	47	48				1 2 3
WALLACETON LK DRUMMOND	8837	01		236	36	76 26	25	54					2
WALLOPS ISLAND WSSF	8849	01	ACCOMACK	237	57	75 29	9	15	15				1 2 3 C
WARRENTON 3 SE	8888	04	FAUQUIER	1338	41	77 46	500	30	30				1 2 3
WARSAW 2 NW	8894	01	RICHMOND	1437	59	76 46	140	30	30				1 2 3
WASHINGTON 3 SSW	8902	04	RAPPAHANNOCK	1438	40	78 11	640	26	35				1 2 3
WASH DULLES WSO AP	8903	04	LOUDOUN	1338	57	77 27	290	19	19				1 2 3
WASH NATL WSCMO AP	8906	04		1338	51	77 02	10	40	40				C
WAVERLY	8933	01	SUSSEX	437	02	77 06	110	6	6				1 2 3
WEST POINT 2 SW	9025	01	NEW KENT	1737	31	76 50	18	27	27				1 2 3

See Reference Notes Following Station Index

STATION INDEX

VIRGINIA
1980

Station	Index No.	Division No.	County	Drainage †	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
WHITE GATE	9060	06	GILES	1137 12	80 50	1850							C
WILLIAMSBURG 2 N	9151	01	YORK	937 18	76 42	70		30	35				1 2 3 C
WILLIAMSVILLE 2 S	9159	05	BATH	938 10	79 35	1640							C
WILLIS	9169	06	FLOYD	1136 51	80 29	2900			1		JAN		2
WINCHESTER 3 ESE	9186	04	FREDERICK	1339 11	78 07	680		75	74				1 2 3
WINTERPOCK 4 W	9213	02	CHESTERFIELD	137 20	77 39	300			2				2
WISE 1 SE	9215	06	WISE	636 58	82 34	2570		26	26				1 2 3 C
WOODSTOCK 2 NE	9263	04	SHENANDOAH	1638 54	78 28	660		82	88				1 2 3
WOOLWINE 4 S	9272	03	PATRICK	736 43	80 17	1490			30				2 C
WYTHEVILLE 1 S	9301	06	WYTHE	1136 56	81 05	2450		77	107				1 2 3 C

See Reference Notes Following Station Index

MONTHLY AND SEASONAL COOLING DEGREE DAYS

SEASON OF 1980													VIRGINIA	
STATION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	NORMALS JAN-DEC
* * *														
TIDEWATER 01														
BACK BAY WL REF	0	0	0	8	136	275	459	417	344	57	1	0	1697	
BRANCHVILLE 1 S									288	14	0			
COLONIAL BEACH	0	0	1	5	122	274	529	526	396	53	2	0	1908	
DIAMOND SPRINGS	0	0	0	12	141	249	456	451	312	35	0	0	1656	1560
FREDERICKSBURG NATL PK	0	0	0	3	102	214	451	443	293	27	3	0	1536	1188
HOLLAND 1 E	0	0	0	24	144	249	445	472	324	30	0	0	1688	1361
HOPEWELL	0	0	0	11	159	306	514	515	398	48	4	1	1956	1606
KILMARNOCK 1 N	0	0	0	0	87	194	407	424	255	21	0	0	1388	
LANGLEY AFB	0	0	0	19	180	283	531	529	335	56	0	0	1933	1512
MATHEWS 2 ENE	0	0	0	1	120	236	433	433	287	39	2	0	1551	
NEWPORT NEWS PRESS BLD	0	0	0	10	174	308	516	529	370	55	2	0	1964	
NORFOLK WSO AP	0	0	0	11	153	274	499	497	351	45	1	1	1832	1441
OYSTER	0	0	0		134	266	469		311					
PAINTER 2 W	0	0	0	0	121	238	439	422	278	39	0	0	1537	
STONY CREEK	0	0	0	18	171	260	532			15	2	0		
SUFFOLK LAKE KILBY	0	0	0	16	147	256	425	363	200	3	0	0	1410	
TANGIER ISLAND	0	0	0	0	108	248	459	503	318	31	0	0	1667	
WALKERTON 2 NW	0	0	0	2	130	256	454	460	299	24	0	0	1625	1314
WALLOPS ISLAND WSSF	0	0	0	0	87									1107
WARSAW 2 NW	0	0	0	0	125	235	435	458	309	33	2	0	1597	
WAVERLY	0	0	0			218	434	448	278					
WEST POINT 2 SW	0	0	0	5	148	265	486	481	331	38	2	0	1756	
WILLIAMSBURG 2 N	0	0	0	6	131	257	465	460	306	25	1	0	1651	1345
* * *														
EASTERN PIEDMONT 02														
AMELIA 4 SW	0	0	0	4					284	10	0	0		
ASHLAND	0	0	0	2	92	205	411	429	290	14	1	0	1444	
CAMP PICKETT	0	0	0	8	96	201	410	435	286	9	0	0	1445	
CHASE CITY	0	0	0	17	117	227	439	459	295	10	0	0	1564	
COLUMBIA	0	0	0	6	92	192	397	396	263	12	0	0	1358	1200
CORBIN	0	0	0	4	97	205	413	431	279	17	0	0	1446	
CROZIER	0	0	0	3	91	192	412	422	269	12	0	0	1401	
FARMVILLE 2 N	0	0	0	16	116	236	432	430	281	26	1	0	1538	1215
JOHN H KERR DAM	0	0	0	18	125	222	446	486	315	22	0	0	1634	
LAWRENCEVILLE 5 W	0	0	0	20	119	213	414	472	301	21	0	0	1560	
LOUISA	0	0	0	1	81	205	397	408	260	22	1	0	1375	1129
RICHMOND WSO AP	0	0	1	25	157	243	472	494	313	23	1	0	1729	1353
* * *														
WESTERN PIEDMONT 03														
APPOMATTOX 3 W	0	0	0	4	66	109	338			5				
BEDFORD	0	0	0	18	95	192	427	423	274	18	7	0	1454	1123
BROOKNEAL	0	0	0	14	98	199	423	447	279	12	0	0	1472	
CHARLOTTE COURT HOUSE	0	0	0	10	104	204	428		300	14	0	0		
CHARLOTTESVILLE 2 W	0	0	0	10		219	430	396	276	28	0	1		1263
CHATHAM	0	0	0	8	38	114	336	347		4	0	0		1195
DANVILLE-BRIDGE ST	0	0	0	19	130	234	477	477	321	15	0	0	1673	1448
LYNCHBURG WSO AP	0	0	0	15	99	159	403	432	262	18	0	0	1388	1100
MARTINSVILLE FILT PL	0	0	0	6	51		364	359	214	7	0	0		1113
PHILPOTT DAM 2	0	0	0	14	57	147	345	366	214	2	0	0	1145	
PINEY RIVER 2 SE	0	0	0	10	85	203	376		235	12	1	0		
ROCKY MOUNT	0	0	0	7	59	145	374	383	219	6	0	0	1193	
SOUTH BOSTON					74	165	435	434	275	9	0	0		
STUART 1 SSE	0	0	0	15	70	162	367	374	218	11	0	0	1217	
TYE RIVER 1 SE	0	0	0	14	89	164	410	425	273	18	0	0	1393	
* * *														
NORTHERN 04														
BERRYVILLE	0	0	0	2	71	154	336	330	189	4	0	0	1086	
BIG MEADOWS	0	0	0	0	7	35	103	99	45	0	0	0	289	218
CULPEPER	0	0	0	1	113	221	427	396	260	14	0	0	1432	1144
ELKWOOD 6 SE	0	0	0	0	66	157	378		202	11	0	0		1013
LINCOLN	0	0	0	0	127	182	413	406	216	12	0	0	1356	1172
LURAY 5 E	0	0	0	0	53	128	267	246	140	1	0	0	835	843

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS

SEASON OF 1980

VIRGINIA

STATION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	NORMALS JAN-DEC
MANASSAS 3 NW	0	0	0	2	98	199	443	458	308	15	0	0	1523	652
MOUNT WEATHER	0	0	0	0	38	124	279	262	140	2	0	0	845	
PIEDMONT RESEARCH STA	0	0	0	2	87	192	380	378	231	14	0	0	1284	
STERLING (RCS)	0	0	0	0	65	156	332	332	202	17	0	0	1104	
WARRENTON 3 SE	0	0	0	0	75	168	357	372	236	12	0	0	1220	
WASHINGTON 3 SSW	0	0	0	2	63		351	324	192	4	0	0		940
WASH DULLES WSO AP	0	0	0	0	100	165	391	380	211	12	0	0	1259	
WASH NATL WSCMO AP	0	0	0	9	174	301	546	563	374	38	1	0	2006	
WINCHESTER 3 ESE	0	0	0	1	59	145	313	303			0	0		
WOODSTOCK 2 NE	0	0	0	0	74	150	373	349	195	6	0	0	1147	
* * *														
CENTRAL MOUNTAIN 05														
BUCHANAN	0	0	0	8	67	173	377	354	216	12	0	0	1207	1103
COVINGTON FILT PLANT	0	0	0	7	66	123	333	307	198	4	0	0	1038	
DALE ENTERPRISE	0	0	0	1	43	150	354	313	185	7	0	0	1053	
GATHRIGHT DAM						93	275	235	100	0	0	0		
HOT SPRINGS	0	0	0	1	26	77	248	242	115	0	0	0	709	
LEXINGTON	0	0	0	11	66	189	409	383	241	9	0	0	1308	982
MONTEREY	0	0	0	2	12	73	201	156	81	1	0	0	526	
ROANOKE WSO AP	0	0	0	21	78	171	412	374	231	13	0	0	1300	
STAUNTON SEWAGE PLANT	0	0	0		38	141	315	267	153	0	0	0		
TIMBERVILLE 3 E	0	0	0	2	63	174	371	341	185	11	0	0	1147	
* * *														
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3 S	0	0	0	7	31	117	287	280	168	3	0	0	893	274
BLACKSBURG 3 SE	0	0	0	5	12	70	244	174	124	1	0	0	630	
BURKES GARDEN	0	0	0	1	9	58	163	125	52	0	0	0	408	
FLOYD 2 NE	0	0	0	3	9	72	216	188	95	0	0	0	583	
GALAX RADIO WBOB	0	0	0	0	21	98	278	240	120	0	0	0	757	
GRUNDY	0	0	0	3	57		396	380	242	8	0	0		828
MARION EVAP STATION	0	0	0	0	23	122	289	261	165	1	0	0	861	
MT LAKE BIOLOGICAL STA	0	0	0	0	3	26	98	76	22	0	0	0	225	
PENNINGTON GAP	0	0	0	6	53	179	372	358	217	4	0	0	1189	
PULASKI 2 E	0	0	0	0	30	104	277	251	127	4	0	0	793	
STAFFORDSVILLE 3 ENE	0	0	0	15	19	104	290	194	119		3	0		621
WISE 1 SE	0	0	0	10	36	120	286	272	159	3	0	0	886	
WYTHEVILLE 1 S	0	0	0	5	20	97	269	240	125	3	0	0	759	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

R E F E R E N C E N O T E S

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA" for this State.

AVERAGES: Division averages in the annual issue include late reports and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1941-1970. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for November 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

DAILY SOIL TEMPERATURE TABLES: Included are all soil temperature stations with any data published for the calendar year, whether or not opened or closed during the year. See the reference notes of the monthly issues for information on individual stations as to soil type, ground cover, and degree of slope.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.
- + Also on earlier date (dates) or months.
- * Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

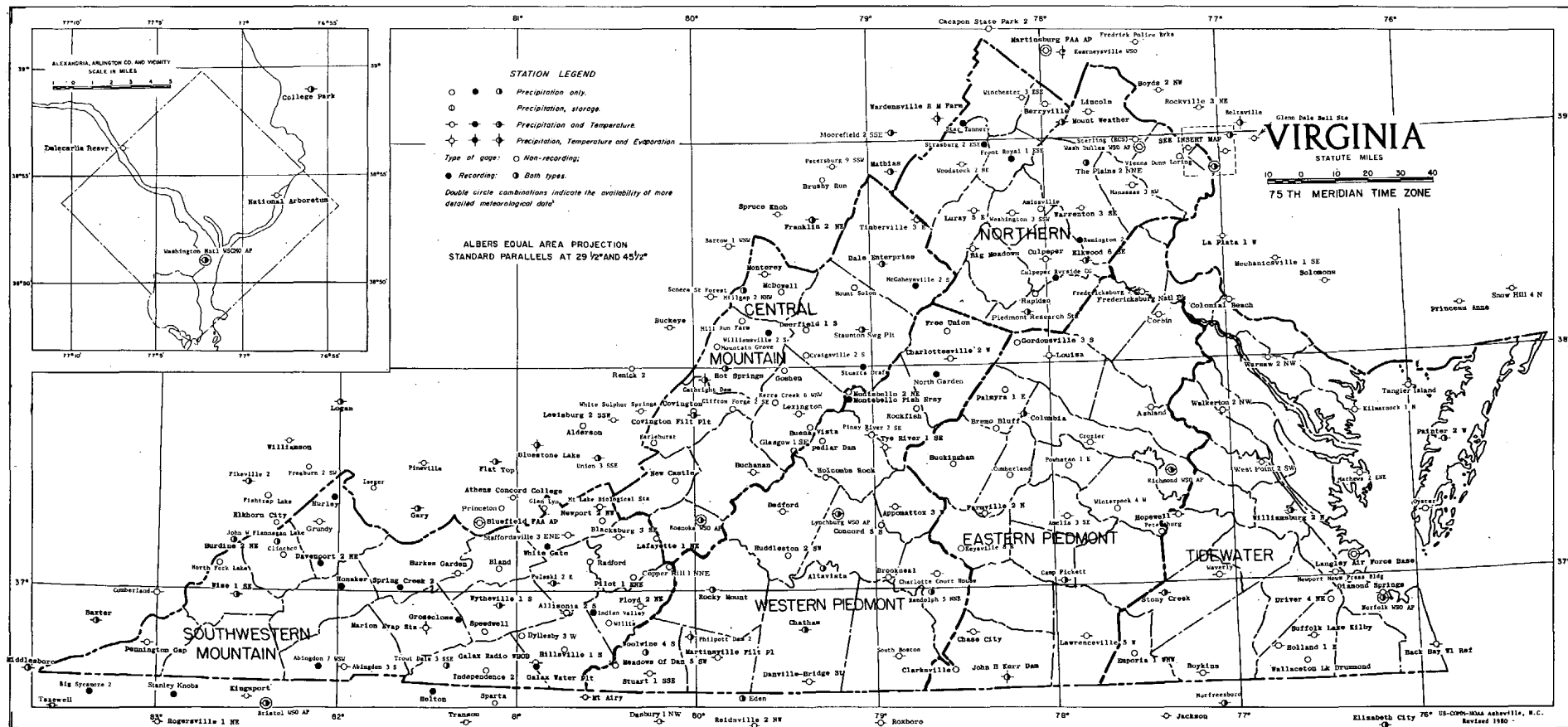
- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45¢ single copy; \$1.00 foreign; 45¢ annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications.
 Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801
 ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1981-1140



U. S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N. C. 28801

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 210



THIRD CLASS
BULK RATE