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CLIMATOLOGICAL DATA

ANNUAL SUMMARY



VIRGINIA

1978

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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

VIRGINIA
1978

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Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

VIRGINIA
1976

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
GALAX RADIO W8NB	24.6		27.5		41.8		55.1		59.4		68.0		70.8		71.5		66.8		51.4		47.2		36.7		51.6	
GRUNDY	24.4		26.0M		42.7		-		60.5		70.7		74.5M		74.6		71.4		53.3		49.1		36.0		-	
MARION EVAP STATION	25.6		27.8		42.0		54.3		60.5		68.8		71.8		72.3		69.4		53.9		49.2		37.9		52.8	
MT LAKE BIOLOGICAL STA	19.4		19.5		34.8		46.1		54.1		63.0		65.1		66.5		62.0		46.7		43.4		32.3		46.1	
PENNINGTON GAP	28.3	- 6.1	30.6	- 5.9	46.5	2.6	57.0	2.5	62.5	- .5	71.0	1.0	74.2	1.2	73.5	1.4	70.3	3.9	53.1	- 2.9	49.3	5.1	39.0	2.8	54.6	.4
PULASKI 2 E	25.8		27.0		41.4		59.6		59.6M		69.0		71.0		71.7		67.6M		53.0		47.4		37.6		52.1M	
STAFFORDSVILLE 3 ENF	24.7		27.6		42.0		56.7		59.8		69.0M		70.4		72.9		69.0		52.8		46.5M		38.6M		52.3M	
WISE 1 SE	24.0		25.7		42.9		56.5		59.6		68.2		71.8		71.3		69.0		54.7		50.5		38.6		52.6	
WYTHEVILLE 1 S	25.7	- 8.7	27.0	- 9.1	41.6	- 1.4	54.0	.6	59.8	- 1.7	69.0	.8	71.4	.1	72.8	2.5	68.9	4.6	52.6	- 2.1	47.7	3.9	37.5	2.1	52.3	.7
DIVISION	24.5	- 9.7	26.1	- 9.7	41.3	- 1.7	53.1	- .5	59.0	- 3.0	68.0	- .8	70.7	- 1.1	71.5	.7	67.9	3.0	52.1	- 2.8	47.5	3.7	37.1	1.8	51.6	- 1.6

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

VIRGINIA
1978

		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
STATION		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		7.50		1.30		5.94		3.27		9.31		3.05		3.30		3.08		.89		1.35		5.45		2.11		47.45	
BOHANNON 1 NE		5.15		1.12		7.99		4.27		6.52		2.03		4.54		5.45		2.62		1.32		5.98		3.59		51.14	
BOYKINS		4.91		1.26		6.61		4.68		7.95		1.50		4.51		5.81		1.50		1.91		5.14		3.51		55.08	
COLONIAL REACH		8.00		1.02		5.88		3.41		6.41		1.33		4.60		3.11		.78		.84		3.42		3.35		44.15	
DIAMOND SPRINGS		6.80	3.43E	1.47	1.91	0.17	5.48	2.88	.04	7.13	3.67	0.02	5.01	3.92	1.80	4.17	2.12	1.52	3.05	1.22	2.12	4.65	1.61	2.40	.83E	54.31	7.32
DRIVER 4 NE		5.79	2.46E	1.57	1.99	7.33	3.82	1.74	1.13	5.60	1.85	5.64	1.70	4.55	.84	7.46	2.11	2.11	1.93	3.79	.14	4.29	1.27	2.78	.51E	52.15	6.91
EMFORTIA 1 NW		6.02	3.16	1.32	1.98	5.84	2.37	6.17	3.29	3.46	.25	4.61	.56	5.77	.39	3.38	1.16	2.32	1.37	.88	1.81	4.00	1.35	3.68	.04	42.25	4.65
FREDERICKSBURG NATL PK		7.54	4.75	.28	2.25	3.76	.21	3.40	.59	8.44	2.39	3.62	.48	7.68	1.73	3.32	1.47	.52	2.72	1.37	1.68	2.31	.61	4.01	.83	38.05	1.20
HOLLAND 1 E		6.60	3.14	1.40	2.11	6.85	3.38	4.49	1.54	5.45	1.94	6.08	1.57	5.17	.73	6.54	.29	1.33	2.81	1.89	1.41	3.93	.81	3.31	.06	53.10	5.67
HOPWELL		8.06	5.21	.54	2.54	6.54	3.35	4.00	1.01	4.84	1.15	3.16	.79	7.82	1.44	6.53	1.99	5.91	2.27	1.19	1.72	4.74	1.81	3.88	.79E	53.21	11.09
LANGLEY AIR FORCE B		4.76	1.66	1.33	2.09	7.21	3.62	3.93	1.28	6.22	2.72	3.57	.02	3.39	1.57	2.25	2.53	1.59	2.47	2.28	.62	4.06	1.30	3.19	.19	43.78	1.47
MOLLUSK 1 SW		6.73	.97			5.24		4.44		4.71		3.73		4.27		5.45		1.11		.80		4.70		4.31		46.52	
NEWPORT NEWS PRESS BLD		5.49		1.65		6.30		3.24		4.97		4.37		5.55		5.56		2.77		1.86		4.35		3.08		49.19	
NORFOLK WSD AP		4.32	2.97	1.91	1.40	7.80	4.38	2.90	.19	5.64	2.30	7.84	4.22	4.19	1.51	1.68	4.26	1.17	3.03	1.50	1.58	4.40	1.46	2.31	.80	47.64	2.96
OYSTER		8.40	5.37	1.65	1.70	5.52	1.80	5.16	2.45E	4.65	1.63	3.91	.57	5.35	.05	2.87	1.42	2.02	1.79E	1.76	1.16E	5.31	2.45E	3.09E	.12E	48.21	7.43
PAINTER 2 W		5.95		1.22		5.52		4.42		6.80		2.12		5.73		1.77		1.40		1.61		5.51		3.58		45.63	
STONY CREEK 3 SW		7.11		1.04		7.08		6.13		4.03		2.90		4.34		3.67		.85		.75		4.67		4.14		46.77	
SUFFOLK LAKE KILBY		5.82		1.27		6.40		2.75		5.32		6.21		3.07		8.10		.95		2.51		3.81		2.48		48.99	
TANGIER ISLAND		5.87		1.34		5.77		3.55		2.74		1.56		4.85		7.70		.61		.68		5.65		2.90		42.92	
WALKERTON 2 N		7.44	4.46	.64	2.40	5.17	1.57	4.00	1.10	5.34	1.34	5.53	1.79	2.76	2.84	3.82	1.31	1.66	1.92	.51	2.54	3.73	.38	3.97	.66	44.17	.27
WALLACEYON LK DRUMMOND		6.89	3.42	1.58	2.00	6.53	2.72	3.30	.28	6.97	3.09	7.52	2.96	2.29	3.44	4.67	1.21	.95	3.26	1.67	1.87	5.44	2.44	2.48	.95	50.49	2.16
WALPOLE ISLAND WSP		6.14	3.03	.98	2.54	4.32	1.10	3.35	.26	5.22	1.86	1.44	1.82	6.38	2.46	1.82		.68	2.55	3.04	.20	5.08	2.02	3.14E	.14	51.24	.50
WARSAW 2 NW		7.41		.44		4.78		4.03		3.41		3.62		2.07		4.97		.48		.48		3.20		3.87		44.66	
WAVELEY		7.50		.74		6.86		5.01		5.16		3.58		4.31		11.17		3.25		1.14		5.57		4.75		47.88	
WEST POINT 2 SW																4.36		.65		.79		4.83		4.09			
WILLIAMSBURG 2 N		6.40	3.15	1.01	2.40	6.74	3.09	4.20	1.35	7.41	3.55	3.50	.64	6.07	.81	9.49	4.70	2.12	1.51	.72	2.10	3.32	2.43	4.20	.99	57.18	13.42
DIVISION		6.72	3.64	1.12	2.00	6.25	2.71	4.02	1.20	5.83	2.42	4.27	.57	4.22	.80	4.88	.07	1.58	2.10	1.37	1.60	4.55	1.61	3.46	.31	48.27	5.89
* * *																											
EASTERN PIEDMONT 02																											
AMELIA 3 SE		8.32		.41		6.63		3.88		5.24		5.32		4.16		11.66		3.67		1.06		4.70		4.19		59.26	
ASHLAND		8.82		.31		5.90		4.09		5.50		3.63		3.33		1.72		1.02		1.10		3.11		4.14		41.87	
BREND BLUFF		9.56	6.82	.71	2.10E	4.80	1.13	4.58	1.67	4.97	1.43	4.00	.90	3.79	.23	2.83	1.47	2.67	.72	.87	1.88	2.74	.05	3.36	.07E	44.94	5.37
BUCKINGHAM		10.05		.50		4.47		5.04		5.09		4.96		4.27		3.34		1.83		.99		3.32		3.65		53.45	
CAMP PICKETT		8.05		.35		6.12		5.92		3.82		3.15		7.11		5.71		3.49		1.64		4.04		4.47		59.87	
CHASE CITY		10.72	5.21E			5.33		6.50		5.77		3.50		5.51		1.91		2.40		1.25		4.11		4.50		48.04	
CLARKSVILLE		8.40	5.21E	.48	2.20	5.55	1.89	5.92	2.70	7.53	2.13	4.73	.85	6.74	1.91	5.00	.39	2.67	1.02	1.32	1.30	3.79	.75	4.74	1.02E	54.37	12.43
COLUMBIA		8.40	6.06	.41	2.25	4.94	1.53	4.51	1.56	6.22	1.15	4.44	1.64	6.55	.37	4.10	.04	1.56	2.13	1.08	1.84	2.84	.18	3.14	.04	43.85	5.58
CORBIN		9.21		.61		4.41		7.94		6.07		6.80		2.01		5.06		1.35		1.41		4.35		4.75		51.45	
CROZIER		8.87	6.08	.40	2.55	5.23	1.48	4.01	1.06	4.89	1.16	8.14	4.54	3.70	1.23	6.64	1.97	2.02	1.71	.73	2.52	3.12	.17	4.08	.73	51.45	9.15
FARMVILLE 2 N		8.10	5.00	.63	2.69	5.32	1.47	4.92	1.79	5.76	2.03	4.07	.29	3.92	.83	6.09	2.05	1.42	2.18	.73	2.17	4.44	1.34	3.96	.57	49.42	6.67
GORDONSVILLE 3 S		7.68		.31		4.18		4.96		4.96		2.34		4.02		6.82		1.43		1.43		2.36		4.18		43.28	
JOHN H KERR DAM		6.49		.62		6.04		6.65		4.12		2.54		4.67		4.80		2.77		.91		3.40		4.78		48.19	
LAURENCEVILLE 3 W		8.43	5.53	.29	2.66	4.06	.16	3.67	.58	4.77	1.51	5.75	2.43	5.38	.72	8.26	3.47	2.36	.75	1.15	1.79	2.58	.52	3.63	.13	50.43	6.81
LOUISA																											
PALMYRA 1 E		7.38		.34		3.20		3.59		5.23		4.34		3.40		4.05		1.29		1.55		2.37		3.04		39.78	
RICHMOND WSD AP		7.07	5.11	.48	2.53	5.67	2.29	4.31	1.94	3.92	.50	5.26	1.74	4.24	1.39	5.93	.87	.26	3.32	1.21	1.73	4.57	1.37	3.80	.58	47.62	5.03
DIVISION		8.49	5.54	.47	2.56	5.32	1.73	4.81	1.77	4.70	1.25	4.57	1.06	4.80	.24	5.97	1.59	2.06	1.47	1.11	1.75	3.59	.58	4.13	.87	49.72	8.37
* * *																											
WESTERN PIEDMONT 03																											
ALTAVISTA		8.20		.69		4.75		5.50		7.59		2.79		3.41		4.51		.57		.72		3.13		3.55		45.81	
APPOMATTOX 3 W		7.16	4.40	.22	2.82	3.81	.31	4.78	1.46	6.44	2.88	3.10	.01	4.35	.02	2.40	1.46	1.69	2.28	1.04	1.79	3.34	.65	3.74	.54E	42.33	1.90
BEDFORD		5.83	2.81	.38	2.62	4.97	1.09	4.44	1.21	6.12	2.15	3.89	.12	2.90	1.40	3.70	.92	1.18	2.45	.40	2.55	2.91	.09	3.38	.05	40.39	2.66
BROOKNEAL		9.43		.42		5.81		6.97		5.52		3.41		5.02		6.10		.24		.75		3.67		4.99		51.33	
CHARLOTTE COURT HOUSE		8.86		.39		5.98		7.64		5.00		3.74		5.94		6.12		1.35		.79		3.41		4.38		55.70	
CHARLOTTESVILLE 2 W		9.70	6.85	.42	2.46	4.86	.93	3.22	.06	6.29	2.39	2.91	.53	4.92	.24	6.81	1.98	2.15	2.04	1.39	2.05	2.83	.16				

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA
1974

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
WASH. DILLER WSO AP	6.95	3.71	.25	2.36	2.85	.63	1.62	1.34	5.05	1.37	4.36	.75	4.52	.49	4.29	.04	.78	2.51	.79	1.95	3.02	.04	3.58	.11	37.66	2.45
WASH. NATIONAL WSO AP	7.11	4.40	.42	2.03	4.48	1.15	1.38	1.48	5.13	1.43	2.43	1.05	4.28	.16	4.85	1.18	1.01	2.07	1.10	1.50	2.31	.59	4.00	.90	39.56	.67
WINCHESTER 1 N	5.02	3.69	.65	1.54	3.12	.15	1.25	1.75	5.17	1.53	4.07	.36	7.15	3.23	6.15	2.30	2.34	.71	1.32	1.64	2.52	.23	3.69	1.15	43.55	6.24
WOODSTOCK	6.83	4.76	.33	1.48	2.85	.08	.73	1.95	4.07	.69	2.44	.83	6.04	.34	5.58	1.89	1.32	1.71	.75	1.76	2.93	.10	3.73	1.41	35.20	1.40
DIVISION	7.38	4.81	.47	1.90	3.25	.13	1.77	1.28	5.58	1.76	3.73	.07	4.47	.50	4.88	.57	1.35	2.10	.98	2.08	2.65	.36	3.93	.99	40.64	.85
CENTRAL MOUNTAIN 05																										
BUCHANAN	6.77	4.02	.48	2.38	5.27	1.68	4.88	1.97	6.31	2.55	2.45	1.43	4.48	.46	3.24	1.04	2.66	1.11	.99	2.37	1.90	1.10	3.93	.31	43.36	1.58
BUENA VISTA	5.46	3.78	.62	2.16	3.77	.18	2.35	.54	5.58	2.34	2.91	.29	3.88	.01	4.00	.30	.89	2.57	.69	2.47	2.66	.02	4.50	1.32	38.31	.08
CLIFTON FORGE	5.98	2.49	.33	2.50	4.88	1.01	2.52	.40	5.06	1.24	1.44	2.08	2.29	1.37	1.73	2.42	.34	2.77	.68	2.31	2.60	.16	3.87	.87	31.28	8.20
COVINGTON	6.41	4.11	.60	1.78	3.83	.52	3.81	1.34	4.87	1.61	1.00	2.34	4.42	.97	5.15	1.36	.95	2.01	.70	1.76	2.75	.48	3.68	1.09	38.17	3.79
COVINGTON FILT PLANT	4.72		.45		3.97		3.93		4.39		1.17		3.36		5.37		1.11		.71		3.51		3.91		36.40	
CRAIGSVILLE	7.43		.58		4.46		3.84		7.13		2.39		5.38		5.23		.16		.78		3.43		4.85		45.76	
DALE ENTERPRISE	5.13	3.36	.25	1.65	3.43	.60	1.31	1.12	4.20	.48	3.51	.06	6.66	2.75	6.32	2.21	1.03	2.26	.72	1.66	2.94	.37	2.88	.75	37.78	3.77
DEERFIELD 1 S	6.11		.22		4.37		3.70		5.38		2.82		4.15		5.21		1.09		1.07		3.57		4.68		42.37	
EARLEHURST	5.62		.67		4.96		4.26		4.54		1.03		5.09		7.41		1.08		.68		2.98		4.41		37.73	
GLASGOW 1 SE	10.00		.34		6.01		3.89		7.20		2.94		3.56		2.71		1.50		.71		2.81		4.14		46.01	
GOSHEN	7.79	5.27	.41	2.26	4.39	.78	2.82	.02	4.91	1.60	2.36	1.05	3.43	.08	2.08	1.68	.92	2.55	.67	2.11	3.20	.37	3.61	1.03	36.99	.70
HOT SPRINGS	6.82	4.04	.62	2.15	4.23	.31	2.56	.57	5.31	1.70	2.87	.99	5.56	1.27	5.61	1.42	.58	2.92	1.88	1.13	2.65	.13	4.09	1.03	42.58	1.88
KERRS CREEK 1 WSW	7.40		.32		4.82		3.05		5.12		2.07		3.90		2.34		.41		.23		2.82		5.15		36.78	
LEXINGTON	4.25	3.71	.32	2.27	5.30	1.72	2.08	.73	4.40	1.16	2.41	.93	2.19	1.76	4.09	.66	.34	3.27	.71	2.06	2.53	.15	3.73	.73	34.55	3.18
MC DOWELL	6.80		.31		3.15		1.75		3.68		3.21		5.31		3.69		.26		1.50		2.61		4.18		36.14	
MILL GAP 2 NW	6.52		.32		4.40		2.64		4.00		3.27		5.95		4.15		1.08		1.33		3.26		5.89		42.81	
MILL RUN FARM	6.28		.37		4.27		2.72		4.70		1.97		5.37		4.07		.38		1.36		3.27		4.09		36.57	
MONTEREY	7.29	4.83	.78	1.94	4.71	1.21	2.74	.55	4.35	.63	3.06	.67	4.95	.93	2.96	.70	.40	2.97	1.87	.83	3.04	.47	5.13	3.14	42.28	3.55
MOUNTAIN GROVE	5.87		.82		4.42		1.91		4.61		2.79		6.81		4.07		1.33		1.30		3.28		5.12		42.43	
NEW CASTLE	6.48	3.87	.71	2.17	5.34	1.80	5.06	2.32	5.28	1.82	2.63	.71	3.40	.12	4.29	.31	1.69	1.71	.60	2.11	3.43	.08	4.17	1.18	42.08	4.40
NORTH RIVER DAM	4.18	1.67	.91	1.67	3.55	.13	1.36	1.55	4.11	.19	3.33	.40	4.17	.28	5.90	1.72	.47	3.56	.99	1.89	2.74	.90	5.06	2.31	37.77	2.43
ROANOK WSO AP	6.12	3.38	.65	2.44	5.92	2.59	7.44	4.74	4.85	1.38	2.05	1.46	4.82	1.09	6.33	2.18	.52	2.90	.78	2.41	2.55	.07	3.15	.04	45.29	6.26
STAUNTON SEWAGE PLANT	6.48	4.11	.71	1.33	4.05	.97	2.17	.55	3.78	.34	1.83	1.50	2.47	.96	4.67	1.30	1.56	2.00	.76	2.01	2.55	.08	3.38	.63	34.39	.95
TYNNEVILLE 3 E	5.41	3.70	.25	1.74	3.38	.38	1.55	.89	3.49	.03	3.51	.31	5.32	1.20	6.66	2.38	1.46	1.99	.80	1.59	2.64	.22	3.76	1.40	38.03	3.00
DIVISION	6.15	3.65	.52	2.12	4.47	1.07	3.20	.31	4.56	.95	2.52	1.05	4.45	.49	5.03	1.02	1.07	2.50	1.02	1.99	2.57	.04	3.84	.95	39.40	.74
SOUTHWESTERN MOUNTAIN 06																										
ABINGDON 3 S	4.18		1.05		5.39		2.76		4.67		3.59		4.45		6.84		.45		1.83		3.32		6.32		42.85	
ALLISONIA 2 S	5.49		.59		6.90		3.22		5.28		2.44		3.60		3.67		1.23		.19		3.59		3.69		39.40	
BLACKSBURG 3 SE	4.15		.31		4.79		6.53		3.90		1.78		5.15		9.10		2.43		1.23		2.88		9.10		41.93	
BLAND	3.50		1.47		4.43		4.27		4.36		2.93		2.80		3.84		.45		1.05		3.11		3.82		36.03	
BURKES GARDEN	4.18	.86	.92	2.56	4.52	.46	4.17	.85	4.39	.03	2.86	.97	4.46	.32	3.33	.57	.58	2.52	.89	1.50	3.76	.73	5.59	2.15	39.65	2.77
BYLESBY 3 W	5.71		.54		5.46		3.77		4.42		3.61		2.84		5.32		.45		.19		2.40		3.57		38.48	
COPPER HILL 1 NNE	6.49	3.65	.43	2.74	4.30	.62	7.03	3.67	4.76	.81	3.78	.40	5.46	1.16	5.41	.87	1.12	3.27	1.24	2.50	2.81	.03	3.48	.36	46.31	2.20
FLOYD 2 NE	6.76	3.92	.40	2.84	4.58	1.03	5.90	2.49	4.49	.67	4.37	.39	4.46	.35	5.06	1.21	.69	3.67	1.43	1.71	3.38	.62	3.65	.31	45.17	2.07
GALAX RADIO WRDB	5.43	2.71	.30	2.75	5.17	1.68	3.68	.38	4.36	.80	2.26	1.70	3.32	1.24	5.04	1.02	.67	3.18	.87	2.18	2.43	.34	3.55	.41	37.08	4.29
GLEN LYN	4.09	1.63	.25	2.35	4.41	1.13	4.37	1.56	3.00	.34	3.80	.63	2.41	1.57	2.82	.83	1.69	1.04	1.11	1.10	2.29	.02	3.73	1.08	33.97	1.18
GRUNDY	4.75		.93		3.03		3.95		4.64		2.18		4.94		4.67		1.27		1.57		2.75		6.67		41.35	
HILLSVILLE 1 S	6.32	3.70	.44	2.52	5.02	1.35	4.46	1.62	5.31	1.41	2.65	1.40	4.98	.53	6.30	2.49	1.24	2.47	.87	2.12	2.64	.09	3.78	.68	44.49	3.18
INDEPENDENCE 2	4.49		.43		5.50		3.39		4.57		3.80		1.83		7.01		3.39		.37		3.51		3.97		42.66	
JOHN W PLANNAGAN LAKE	4.92		1.34		3.30		3.77		4.66		2.09		5.38		5.96		1.34		1.94		2.92		6.73		44.36	
LAFAYETTE 1 NE	5.44		.50		4.70		4.79		5.56		4.01		3.70		2.38		1.09		.68		2.50		3.78		41.13	
MARION FVAP STATION	3.42		.78		4.11		4.08		4.12		3.30		5.48		4.09											

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA
1978

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						95	8-30	12	1-10	-	-	-	-	3-6	23	3-7	25	3-13	31	11-27	30	-	NONE	NONE	NONE	NONE	NONE	NONE					
BHANNON 1 NE						97	7-24+	10	2-3	2-11	16	3-5	19	3-6	24	3-18	28	3-31	32	12-2	32	12-10	26	12-28	24	NONE	NONE	NONE	297	267	246		
BOYKINS						97	7-23	10	2-3	2-11	12	3-5	18	3-6	22	3-11	27	4-28	32	10-9	30	10-25	28	12-11	23	12-28	20		298	280	228	164	
COLUMBIA BEACH						97	7-24+	0	2-7	3-5	9	3-5	9	3-7	23	3-18	25	3-18	25	12-10	27	12-10	27	12-12	24	NONE	NONE				280	267	267
DIAMOND SPRINGS						96	7-24	12	1-11	1-13	16	3-5	20	3-6	21	3-7	26	3-18	32	12-10	29	12-15	28	12-30	24	NONE	NONE				299	283	267
FREDERICKSBURG NATL PK						99	7-23	5	2-21+	3-6	15	3-6	15	3-11	21	3-11	21	4-23	29	10-9	31	10-25	28	12-10	20	12-10	20	NONE		279	274	228	169
HOLLAND 1 E						95	7-24+	10	2-5	2-23	13	3-5	20	3-6	23	3-19	28	3-20	31	10-8	32	12-10	26	12-11	22	12-29	20	NONE		299	280	266	202
HOPKELL						100	7-24+	10	1-10	-	-	-	-	-	-	-	-	-	-	10-25	32	11-26	28	12-11	24	NONE	NONE						
LANGLEY AIR FORCE B						96	8-29	17	1-10	NONE	-	2-23	20	3-5	22	3-7	26	3-18	32	12-10	31	12-28	27	12-29	23	NONE	NONE			299	296	267	
MOLLUSK 1 SW						95	8-30+			-	-	-	-	-	-	-	-	-	11-29	32	12-10	28	12-11	20	12-11	20	NONE						
NEWPORT NEWS PRESS BLD						100	7-22	13	1-10	2-5	16	3-5	19	3-5	19	3-8	28	3-18	30	12-10	30	12-11	28	NONE	NONE	NONE	NONE			278	267		
NORFOLK WSO AP						96	8-29+	15	1-12+	1-12	15	2-7	20	3-5	24	3-7	28	3-11	30	12-10	31	12-13	28	12-29	24	NONE	NONE			299	281	274	
OYSTER								11	2-10+	2-21	14	3-5	19	3-5	19	3-8	25	3-17	30	-	-	-	-	-	-	-	-	-					
PAINTER 2 W						95	7-10	4	2-5	2-12	15	3-5	20	3-7	22	3-7	22	3-31	30	10-18	30	12-11	24	12-11	24	12-30	20	NONE		300	279	279	201
STONY CREEK 5 SSW						97	8-30+			3-5	15	3-18	18	3-18	18	3-18	18	5-2	32	10-9	25	10-9	25	11-25	24	12-28	18	NONE		285	252	205	160
SUFFOLK LAKE KILBY						96	7-23	12	2-5+	2-11	15	3-5	20	3-6	24	3-7	26	3-18	29	11-25	31	12-10	26	12-15	22	12-29	20	NONE		299	284	278	252
TANGIER ISLAND						95	8-29	8	1-10	3-5	15	3-5	15	3-8	23	3-18	28	3-18	28	12-10	26	12-10	26	12-11	21	12-28	20	NONE		298	278	267	267
WALKERTON 2 NW						97	7-23	1	2-3	3-5	14	3-6	19	3-18	23	3-18	23	4-28	32	10-9	29	10-25	27	12-10	23	12-11	18	12-28	16	298	280	267	221
WALLOPS ISLAND WSSF						94	7-22	14	1-10	1-11	16	3-5	19	3-5	19	3-7	27	3-18	31	12-2	32	12-10	27	12-11	23	NONE	NONE			281	278	259	
WARSAN 2 NW						97	7-23	8	2-5	3-5	15	3-5	15	3-7	22	3-11	26	3-18	29	10-9	30	12-10	23	12-10	23	12-11	19	NONE		281	278	274	205
WAVELY										-	-	-	-	-	-	-	-	-	10-9	31	10-25	27	12-11	22	-	-	12-30	16					
WEST POINT 2 SW						98	7-22	6	2-3	3-5	16	3-5	16	3-18	24	3-18	24	4-23	30	10-9	31	11-26	28	12-11	22	12-29	15	12-30	15	299	299	268	253
WILLIAMSBURG 2 N						95	7-23+	9	1-12+	2-23	16	3-5	18	3-7	24	3-19	27	3-31	32	10-17	30	11-26	28	12-11	24	NONE	NONE			279	252	200	
* * *																																	
EASTERN PIEDMONT 02																																	
AMELIA 3 SE						94	8-29+	7	1-11	3-5	12	3-5	12	3-6	21	3-18	27	5-2	32	10-9	28	10-9	28	11-26	23	12-10	20	12-11	15	281	280	265	205
ARLHARD						96	7-22	5	2-3	3-5	11	3-6	19	3-18	23	3-18	23	4-23	32	10-9	31	11-26	25	12-10	21	12-11	17	12-28	14	298	280	267	253
CAMP PICKETT						96	7-24+	6	1-11	3-5	14	3-6	20	3-6	20	3-18	24	5-3	31	10-9	30	10-25	27	11-26	24	12-11	18	12-28	14	298	280	265	221
CHASE CITY						97	7-24	8	1-11+	3-5	15	3-5	15	3-6	24	3-19	26	4-21	32	10-9	31	11-25	28	12-10	21	12-12	19	12-28	13	298	282	279	251
COLUMBIA						98	7-24	4	2-3	3-5	12	3-5	12	3-18	24	3-18	24	5-3	32	10-9	29	10-25	27	12-10	21	12-11	14	12-11	14	281	281	267	221
COMRAH						97	7-24	7	1-16+	3-5	14	3-6	17	3-18	23	3-18	23	4-23	31	10-9	31	12-10	21	12-10	21	12-11	17	12-29	16	299	280	267	267
CROZIER						96	7-24	6	1-11	3-5	13	3-6	17	3-18	23	3-18	23	4-28	32	10-25	32	11-26	27	12-11	19	12-19	16	299	280	268	253		
FARMVILLE 2 N						96	7-23+	6	1-11	3-5	13	3-6	20	3-18	21	3-18	21	5-2	32	10-9	27	10-9	27	12-10	23	12-11	19	12-28	14	298	280	267	205
JMMH H KERR DAM						98	6-29	11	1-12+	2-12	13	3-6	19	3-6	19	3-9	28	3-19	29	10-9	32	11-26	28	12-11	21	12-28	18	NONE		297	280	262	204
LAURENCEVILLE 5 W						96	7-23+	6	1-11	3-5	13	3-5	13	3-18	23	3-18	23	5-2	32	10-8	29	10-9	24	10-9	24	12-11	18	12-28	15	298	281	265	205
LOUISA						94	7-23	6	1-11	3-5	9	3-6	20	3-7	23	3-18	26	4-23	31	10-9	32	12-10	23	12-10	23	12-11	16	12-11	16	281	280	278	267
RICHMOND WSO AP						100	7-23	10	2-5+	3-5	15	3-5	15	3-6	23	3-18	27	3-18	27	10-25	30	11-26	28	12-11	23	12-28	20	NONE		298	280	253	221
* * *																																	
WESTERN PIEDMONT 03																																	
APPROXIMAT 3 W						95	9-20+	6	1-11+	3-6	16	3-6	16	3-6	16	3-19	27	4-16	32	10-9	31	12-10	23	12-10	23	12-11	20	12-29	15	298	280	279	266
BEDFORD						92	9-20+	5	1-10	3-5	15	3-5	15	3-6	23	3-19	27	4-23	32	10-9	31	12-10	24	12-10	24	12-11	19	12-29	15	299	281	279	266
BROCKNEAL						97	7-24	9	1-12+	3-6	15	3-6	15	3-6	15	3-19	27	3-19	27	10-9	30	12-2	28	12-11	20	12-11	20	12-29	15	298	280	280	258
CHARLOTTE COURT HOUSE						96	9-10	3	1-11	3-6	11	3-18	20	3-19	24	3-19	24	5-3	31	10-9	25	10-9	25	11-26	23	12-10	17	12-11	14	280	267	252	204
CHARLOTTEVILLE 2 W						96	7-24	5	1-10	3-5	13	3-5	13	3-18	23	3-18	23	3-26	30	11-26	32	12-10	21	12-10	21	12-11	19	NONE		281	267	267	245
CHATHAM						97	9-10+	6	2-11	3-6	9	3-6	9	3-18	21	3-28	28	5-4	32	10-8	28	10-8	28	10-9	24	11-25	20	-		264	205	194	137
DANVILLE-BRIDGE ST						98	7-24	10	1-12+	2-8	14	3-6	19	3-6	19	3-18	28	3-19	29	10-9	32	12-2	28	12-11	24	12-10	20	12-29	16	324	285	280	259
LYNCHBURG WSO AP						95	9-19	4	1-11	3-5	8	3-6	20	3-6	20	3-18	27	3-28	31	10-9	30	11-25	28	12-10	21	12-11	19	12-28	16	298	280		

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA
1978

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.					
MONTREY	89	6-27	-7	1-11	3-18	14	3-18	14	4-16	23	5-2	27	5-3	29	9-29	30	10-9	21	10-9	21	11-29	17	12-10	12	267	256	176	160	149
MANOMKE WSO AP	97	7-23+	-4	1-10	3-5	15	3-5	15	3-5	23	3-18	26	3-18	26	10-9	27	10-9	27	12-9	24	12-10	19	12-28	15	298	280	278	205	205
STAUNTON SEWAGE PLANT	95	6-28	-6	1-23	3-7	12	3-7	12	3-18	23	5-3	28	5-3	28	9-29	30	10-9	25	11-26	21	12-11	14	12-11	14	279	279	253	159	148
TIMBERVILLE 3 E	95	6-28+	-11	1-23	3-6	7	3-6	7	3-19	24	5-2	28	5-3	31	10-9	28	10-9	28	11-9	24	12-11	14	12-11	14	280	280	236	160	159
* * *																													
SOUTHWESTERN MOUNTAIN	06																												
ARLINGTON 3 S	94	7-24+	-8	1-11	3-5	1	3-18	20	3-19	24	3-22	28	5-3	31	10-8	30	10-9	27	12-10	18	12-10	18	12-11	14	281	267	266	201	158
BLACKSBURG 3 SE	92	9-19	-2	1-11+	3-6	12	3-19	19	3-19	19	3-27	28	5-3	32	10-9	24	10-9	24	10-9	24	10-10	20	12-10	15	279	203	204	196	159
BURKES GARDEN	86	9-9	-11	1-23	3-18	13	3-18	13	-	-	5-3	28	5-3	25	10-9	17	10-9	17	10-9	17	10-9	17	12-10	12	267	203	-	159	159
FLOYD 2 NE	92	7-24	-5	2-7	3-6	12	3-18	17	5-2	24	5-2	24	5-11	31	10-8	29	10-9	21	10-9	21	10-18	20	12-10	13	279	214	160	160	150
GALAX RADIO WSOB	90	9-9+	-1	1-10	3-6	15	3-6	15	3-18	21	3-31	28	5-3	31	10-7	31	10-8	25	12-1	23	12-10	16	12-10	16	279	279	258	191	157
GRUNDY	93	7-2+	-6	1-12+	3-6	6	3-6	6	3-19	23	3-19	23	5-4	32	10-9	31	11-26	27	12-10	20	12-10	20	12-11	13	280	279	266	232	158
MARTIN EVAP STATION	93	7-23	-7	1-11	3-6	14	3-6	14	3-19	23	5-2	28	5-2	28	10-8	32	10-9	27	12-6	22	12-10	17	12-11	12	280	279	262	160	159
MT LAKE BIOLOGICAL STA	82	7-21	-14	1-10	3-18	8	3-18	8	3-30	23	5-2	26	5-11	32	10-8	32	10-9	23	10-9	23	11-25	19	12-10	7	267	252	193	160	150
PENNINGTON GAP	95	6-28+	-7	1-11	3-5	11	3-5	11	3-19	24	3-30	27	5-3	32	10-8	26	10-8	26	10-29	23	12-6	18	12-10	12	280	276	224	192	158
PULASKI 2 E	93	7-31	-5	1-11	3-5	10	3-6	20	3-19	22	5-2	26	5-3	29	10-9	23	10-9	23	10-9	23	12-10	18	12-11	11	281	279	204	160	159
STAFFORDSVILLE 3 ENE	93	7-23	-2	1-11	3-5	12	3-18	20	3-18	20	3-18	20	4-29	32	10-9	29	10-11	27	10-18	22	12-10	17	12-11	11	281	267	214	207	163
WYSE 1 SE	89	6-27	-7	1-11	3-5	5	3-18	18	3-18	18	3-18	18	5-2	31	10-9	32	11-25	27	12-9	22	12-10	13	12-10	13	280	267	266	252	160
WYTHEVILLE 1 S	92	9-9+	-2	1-11	3-6	12	3-6	12	3-19	24	5-3	28	5-3	28	10-9	22	10-9	22	10-9	22	12-10	17	12-11	12	280	279	204	159	159
* * *																													
STATE EXTREMES																													
HOPKINSWELL	100	7-24+																											
NEWPORT NEWS PRESS BLD		7-22																											
RICHMOND WSO AP		7-23																											
WASH. NATIONAL WSO AP		7-23																											
MT LAKE BIOLOGICAL STA			-14	1-10																									

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

VIRGINIA
1978

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
* * *														
TIDEWATER	01													
HOLLAND 1 E	EVAP	-	-	-	6.58B	-	-	-	-	-	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	2048B	-	-	-	-	-	-	-	-	-
	MAX	-	-	-	72.8	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	46.4	-	-	-	-	-	-	-	-	-
* * *														
EASTERN PIEDMONT	02													
JOHN H KERR DAM	EVAP	-	-	-	5.42B	5.18B	6.64B	6.92B	6.30B	4.51B	-	-	-	-
	WIND	-	-	-	1851B	1218	1341	1312	1270	1221	-	-	-	-
* * *														
WESTERN PIEDMONT	03													
PHILPOTT DAM 2	EVAP	-	-	-	4.24B	3.99B	5.00	4.73B	4.35B	3.37	2.47	-	-	-
	WIND	-	-	-	894	456	387	293	284	315	477	-	-	-
	MAX	-	-	-	70.4	78.0	90.6	91.0	92.5	84.6	67.5	-	-	-
	MIN	-	-	-	49.2	57.4	65.0	68.3	70.0	66.2	49.8	-	-	-
* * *														
NORTHERN	04													
PIEDMONT RESEARCH STA	EVAP	-	-	-	5.78B	6.27B	7.33B	-	-	-	-	-	-	-
	WIND	-	-	-	1958	1079	1147	949	-	-	-	-	-	-
* * *														
SOUTHWESTERN MOUNTAIN	06													
MARION EVAP STATION	EVAP	-	-	-	4.75B	4.61B	5.52	5.18B	5.33B	4.27	3.14	-	-	-
	WIND	-	-	-	1551	1204	780	782	607	854	1004	-	-	-
	MAX	-	-	-	70.4	77.6	88.8	90.5	-	84.0	68.9	-	-	-
	MIN	-	-	-	47.3	55.0	63.5	66.7	-	61.5	44.7	-	-	-

See Reference Notes Following Station Index

STATION INDEX

VIRGINIA
1978

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	0013	06	WASHINGTON	836 42	82 00	2000							C
ABINGDON 3 S	0021	06	WASHINGTON	836 40	81 58	1920	10	10					1 2 3
ALLISONIA 2 S	0135	06	PULASKI	1136 54	80 45	1820		27					2
ALTAVISTA	0166	03	CAMPBELL	1537 06	79 18	510		33					2
AMELIA 3 SE	0187	02	AMELIA	137 19	77 57	350	10	10					1 2 3
AMISSVILLE	0193	04	RAPPAHANNOCK	1438 41	78 01	550		35					2
APPOMATTOX 3 W	0243	03	APPOMATTOX	937 22	78 53	925	17	40					1 2 3
ASHLAND	0327	02	HANOVER	937 45	77 29	220	66	66					1 2 3
BACK BAY WL REF	0385	01	PRINCESS ANN	236 40	75 55	5	26	26					1 2 3
BEDFORD	0551	03	BEDFORD	1537 21	79 31	975	50	64					1 2 3
BERRYVILLE	0670	04	CLARKE	1639 09	77 59	600	27	37					1 2 3
BIG MEADOWS	0720	04	MADISON	1438 31	78 26	3535	43	43					1 2 3
BLACKSBURG 3 SE	0766	06	MONTGOMERY	1137 11	80 25	2000	27	27					1 2 3
BLAND	0792	06	BLAND	1137 06	81 06	2000		28					2
BOHANNON 1 NE	0835	01	MATHEWS	537 24	76 21	5	28	28					1 2 3
BOYKINS	0956	01	SOUTHAMPTON	1036 35	77 12	40	25	25					1 2 3
BREND BLUFF	0993	02	FLUVANNA	937 42	78 18	225		38					2
BROOKNEAL	1082	03	CAMPBELL	1537 02	78 57	520	3	29					1 2 3
BUCHANAN	1121	05	BUTELTOUT	937 32	79 41	880	60	77					1 2 3
BUCKINGHAM	1136	02	BUCKINGHAM	937 33	78 33	460		43					2
BUENA VISTA	1159	05	ROCKBRIDGE	937 44	79 21	840		41					2
BURKES GARDEN	1209	06	TAZEWELL	1137 05	81 20	3300	81	83					1 2 3
BYLESBY 3 W	1259	06	CARROLL	1136 48	80 59	2610		13					2
CAMP PICKETT	1322	02	NOTTOWAY	1237 02	77 57	330	7	7					1 2 3
CATAWBA HOSPITAL	1471	05	ROANOKE	937 23	80 05	1880	67	67					1 2 3
CEDAR BLUFF	1520	06	TAZEWELL	637 08	81 51	1620	2	2					1 2 3
CHARLOTTE COURT HOUSE	1585	03	CHARLOTTE	1537 04	78 39	580	32	32					1 2 3
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	938 02	78 31	870	75	102					1 2 3
CHASE CITY	1606	02	MECKLENBURG	1536 50	78 28	510	31	31					1 2 3
CHATHAM	1614	03	PITTSYLVANIA	736 49	79 24	640	55	55					1 2 3
CLARKSVILLE	1746	02	MECKLENBURG	1536 37	78 34	310		87					2
CLIFTON FORGE	1801	05	ALLEGANY	937 49	79 50	1050		54					2
CLINCHCO	1808	06	DICKENSON	237 10	82 19	1330		25					2
COLONIAL REACH	1913	01	WESTMORELAND	1338 15	76 58	10	16	16					1 2 3
COLUMBIA	1929	02	GOODCHLAND	937 46	78 09	300	76	80					1 2 3
CONCORD 5 S	1955	03	CAMPBELL	1537 17	78 58	650		29					2
COPPER HILL 1 NNE	1999	06	FLOYD	1137 06	80 08	2720		37					2
CORBIN	2009	02	CAROLINE	1438 12	77 22	220	20	20					1 2 3
COVINGTON	2041	05	ALLEGANY	937 48	80 00	1245		41					2
COVINGTON FILT PLANT	2044	05	ALLEGANY	937 48	80 00	1230	18	18					1 2 3
CRAIGSVILLE	2064	05	AUGUSTA	938 05	79 23	1600		16					2
CROZIER	2142	02	GOODCHLAND	937 38	77 48	300	3	40					1 2 3
CULPEPER	2155	04	CULPEPER	1438 28	78 00	420	69	71					1 2 3
DALE ENTERPRISE	2208	05	ROCKINGHAM	1638 27	78 56	1400	96	98					1 2 3
DANVILLE-BRIDGE ST	2245	03	PITTSYLVANIA	736 35	79 23	410	61	88					1 2 3
DAVENPORT 2 NE	2269	06	BUCHANAN	237 07	82 06	1600							2
DEERFIELD 1 S	2315	05	AUGUSTA	938 10	79 22	1720		52					2
DIAMOND SPRINGS	2368	01	PRINCESS ANN	536 54	76 12	25	70	70					1 2 3
DRIVER 4 NE	2504	01	NANSEMOND	236 53	76 29	17		36					2
EARLEHURST	2600	05	ALLEGANY	937 40	80 14	2040		3					2
ELKWOOD 6 SE	2729	04	CULPEPER	1438 27	77 46	330	38	38					1 2 3
EMPORIA 1 NW	2790	01	GREENSVILLE	1036 41	77 33	100		48					2
FARMVILLE 2 N	2941	02	CUMBERLAND	137 20	78 23	450	57	59					1 2 3
FLOYD 2 NE	3071	06	FLOYD	1136 56	80 18	2600	46	46					1 2 3
FREDERICKSBURG NATL PK	3192	01	SPOTSYLVANIA	1438 19	77 27	90	85	87					1 2 3
FREDERICKSBURG 2	3200	01	SPOTSYLVANIA	1438 18	77 28	120							2
FREE UNION	3213	03	ALBEMARLE	938 09	78 34	500		24					2
GALAX RADIO WBOB	3267	06	CARROLL	1136 40	80 55	2385	24	35					1 2 3
GALAX WATER PLANT	3272	06	CARROLL	1136 39	80 55	2360							2
GLASGOW 1 SE	3375	05	ROCKBRIDGE	937 37	79 26	740		12					2
GLEN LYN	3397	06	GILES	1137 22	80 52	1520	46	65					2
GORDONSVILLE 3 S	3466	02	LOUISA	1738 05	78 11	460		18					2
GOSHEN	3470	05	ROCKBRIDGE	937 59	79 30	1350		39					2
GROSECLOSE	3623	06	SMYTH	836 52	81 20	2590							2
GRUNDY	3640	06	BUCHANAN	237 16	82 05	1170	18	28					1 2 3
HILLSVILLE 1 S	3991	06	CARROLL	1136 44	80 44	2590		36					2
HOLCOMBS ROCK	4039	03	BEDFORD	937 30	79 16	575		19					2
HOLLAND 1 E	4044	01	NANSEMOND	436 41	76 47	80	46	46					1 2 3
HONAKER	4078	03	RUSSELL	637 01	81 59	1930							2
HOPEWELL	4101	01	PRINCE GEORG	937 18	77 18	40	86	91					1 2 3
HOT SPRINGS	4128	05	BATH	938 00	79 30	2238	85	87					1 2 3
HUDDLESTON 2 SW	4148	03	BEDFORD	1537 09	79 30	1000		29					2
HURLEY	4180	06	BUCHANAN	237 25	82 01	990							2
INDEPENDENCE 2	4234	06	GRAYSON	1136 39	81 10	2610		26					2
INDIAN VALLEY	4246	06	FLOYD	1136 54	80 34	2700							2
JOHN W FLANNAGAN LAKE	4410	06	DICKENSON	237 14	82 21	1462		10					2
JOHN H KERR DAM	4414	02	MECKLENBURG	1536 36	78 17	250	30	27					1 2 3
KERRS CREEK 1 MSW	4565	05	ROCKBRIDGE	937 52	79 34	1480		17					2
LAFAYETTE 1 NE	4676	06	MONTGOMERY	1537 14	80 13	1380		28					2
LANGLEY AIR FORCE B	4720	01		537 05	76 21	10	93	142					1 2 3

See Reference Notes Following Station Index

STATION INDEX

VIRGINIA
1978

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	
LAWRENCEVILLE 5 W	4768	02	BRUNSWICK	1036	46	77 56	300	33	33				1 2 3
LEXINGTON	4876	05	ROCKBRIDGE	937	47	79 26	1060	100	107				1 2 3 C
LINCOLN	4909	04	LOUDOUN	1339	07	77 43	500	77	78				1 2 3
LOUISA	5050	02	LOUISA	1738	02	78 00	420	63	63				1 2 3
LURAY 5 E	5096	04	PAGE	1638	40	78 23	1200	37	37				1 2 3
LYNCHBURG WSD AP	5120	03	CAMPBELL	937	20	79 12	916	107	107				1 2 3 C
MANASSAS 3 NW	5213	04	PR WILLIAM	1338	47	77 30	330	31	62				1 2 3
MARION EVAP STATION	5271	06	SMYTH	836	49	81 31	2100	19	19	19			1 2 3 4
MARTINSVILLE FILT PL	5300	03	HENRY	736	42	79 53	760	40	48				1 2 3
MC DOWELL	5414	05	HIGHLAND	938	20	79 30	2000		15				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		29				2
MILLGAP 2 NNW	5595	05	HIGHLAND	938	21	79 43	2520		3				2 C
MILL RUN FARM	5599	05	BATH	938	13	79 44	2080		3				2
MOLLUSK 1 SW	5646	01	LANCASTER	1437	43	76 33	20	5	5				1 2 3
MONTEBELLO 2 NE	5685	03	NELSON	937	53	79 08	2680		41				2
MONTEBELLO FISH NRSY	5690	03	NELSON	937	51	79 08	2649						C
MONTEREY	5698	05	HIGHLAND	1338	25	79 35	2920	37	53				1 2 3
MOUNTAIN GROVE	5756	05	BATH	938	06	79 53	1767		3				2
MT LAKE BIOLOGICAL STA	5828	06	GILES	937	23	80 32	3870	8	8				1 2 3
MOUNT WEATHER	5851	04	LOUDOUN	1339	04	77 53	1720	74	75				1 2 3 C
NEW CASTLE	6012	05	CRAIG	937	30	80 06	1310		41				2
NEWPORT 2 NW	6046	06	GILES	937	19	80 31	1900		33				2
NEWPORT NEWS PRESS BLD	6054	01		937	01	76 27	50	57	57				1 2 3
NORFOLK WSD AP	6139	01		536	54	76 12	22	33	33				1 2 3 C
NORTH FORK LAKE	6173	06	WISE	337	08	82 38	1675		10				2
NORTH GARDEN	6178	03	ALBEMARLE	937	57	78 38	686						C
NORTH RIVER DAM	6199	05	AUGUSTA	1638	22	79 16	2400		48				2
DYSTER	6456	01	NORTHAMPTON	237	17	75 56	27	42	42				1 2 3
PAINTER 2 W	6475	01	ACCOMAC	537	35	75 49	30	23	23				1 2 3 C
PALMYRA 1 E	6491	02	FLUVANNA	937	52	78 15	410		22				2
PEDLAR DAM	6593	03	AMHERST	937	40	79 17	1013		44				2
PENNINGTON GAP	6626	06	LEE	636	45	83 03	1510	46	46				1 2 3
PHILPOTT DAM 2	6692	03	HENRY	1536	47	80 02	1123	26	26	26			1 2 3 4 C
PIEDMONT RESEARCH STA	6712	04	ORANGE	1738	13	78 07	515	31	32				1 2 3 C
PILOT 1 ENE	6723	06	MONTGOMERY	1137	04	80 21	2180		37				2
PINEY RIVER 2 SE	6747	03	AMHERST	937	42	79 00	750	3	3				1 2 3
PULASKI 2 E	6955	06	PULASKI	1137	03	80 45	1850	18	18				1 2 3 C
RADFORD	6999	06		1137	08	80 33	1730		11				2
RANDOLPH 5 NNE	7025	03	CHARLOTTE	1536	59	78 42	350		73				2 C
RAPIDAN	7033	04	ORANGE	1438	18	78 04	300		33				2
RICHMOND WSD AP	7201	02	HENRICO	937	30	77 20	164	41	41				1 2 3 C
RIVERTON	7254	04	WARREN	1638	56	78 12	560		47				2
ROADNOKE WSD AP	7285	05	ROADNOKE	1537	19	79 58	1149	44	46				1 2 3 C
ROCKFISH	7312	03	NELSON	937	48	78 45	445		41				2
ROCKY MOUNT	7338	03	FRANKLIN	1537	00	79 54	1232	85	85				1 2 3 C
SPEEDWELL	7971	04	WYTHE	1136	49	81 10	2340		38				2
SPRING CREEK 2	7997	04	TAZEWELL	637	01	81 39	2340						C
STAFFORDSVILLE 3 ENE	8022	06	GILES	1137	16	80 43	1950	9	27				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	86	92				1 2 3 C
STERLING (RCS)	8084	04	LOUDOUN	1338	59	77 28	280	2	2				1 2 3
STONY CREEK 5 SSW	8129	01	SUSSEX	1236	54	77 27	150	19	19				1 2 3 C
STUART 1 SSE	8170	03	PATRICK	736	38	80 16	1455	19	19				1 2 3
SUFFOLK LAKE KILBY	8192	01	NANSEMOND	236	44	76 36	22	32	32				1 2 3
TANGIER ISLAND	8323	01	ACCOMACK	537	50	76 00	8	26	26				1 2 3
THE PLAINS 2 NNE	8396	04	FAUQUIER	1338	54	77 45	530		33				2 C
TIMBERVILLE 3 E	8448	05	ROCKINGHAM	1638	39	78 43	1000	36	47				1 2 3
TROUT DALE 3 SSE	8547	06	GRAYSON	1136	40	81 24	2820		43				2 C
TYE RIVER 1 SE	8600	03	NELSON	937	38	78 56	720	16	40				1 2 3
VIENNA DUNN LORING	8737	04	FAIRFAX	1338	54	77 13	418		30				2
WAKEFIELD 1 NW	8803	01	SUSSEX	437	00	77 00	100	19	19		JUL		1 2 3
WALKERTON 2 NW	8829	01	KING & QUEEN	1737	45	77 03	50	45	46				1 2 3
WALLACETON LK DRUMMOND	8837	01	NORFOLK	236	36	76 26	25		52				2
WALLUPS ISLAND WSSF	8849	01	ACCOMACK	237	57	75 29	9	13	13				1 2 3 C
WARRENTON 3 SE	8888	04	FAUQUIER	1338	41	77 46	500	28	28				1 2 3
WARSAW 2 NW	8894	01	RICHMOND	1437	59	76 46	140	28	28				1 2 3
WASHINGTON	8902	04	RAPPAHANNOCK	1438	43	78 10	660	24	33				1 2 3
WASH. DULLES WSD AP	8903	04	LOUDOUN	1338	57	77 27	290	17	17				1 2 3
WASH. NATIONAL WSD AP R	8906	04		1338	51	77 02	10	38	38				1 2 3 C
WAVERLY	8932	01	SUSSEX	437	02	77 06	110	4	4		JUL		1 2 3
WEST POINT 2 SW	9025	01	NEW KENT	1737	31	76 50	18	25	25				1 2 3
WHITE G-TE	9060	06	GILES	1137	12	80 50	1850						C
WILLIAMSBURG 2 N	9151	01	YORK	937	18	76 42	70	28	33				1 2 3 C
WILLIAMSVILLE 2 S	9159	05	BATH	938	10	79 35	1640				JUL		C
WINCHESTER 1 N	9186	04	FREDERICK	1339	12	78 10	760	73	72				1 2 3
WISE 1 SE	9215	06	WISE	636	58	82 34	2570	24	24				1 2 3 C
WOODSTOCK	9263	04	SHENANDOAH	1638	53	78 31	887	80	86				1 2 3
WOOLWINE 4 S	9272	03	PATRICK	736	43	80 17	1490		28				2 C
WYTHEVILLE 1 S	9301	06	WYTHE	1136	56	81 05	2450	75	105				1 2 3 C

See Reference Notes Following Station Index

REFERENCE NOTES

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 carried in the June and December issues of Climatological Data.

DAILY SOIL TEMPERATURES 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.

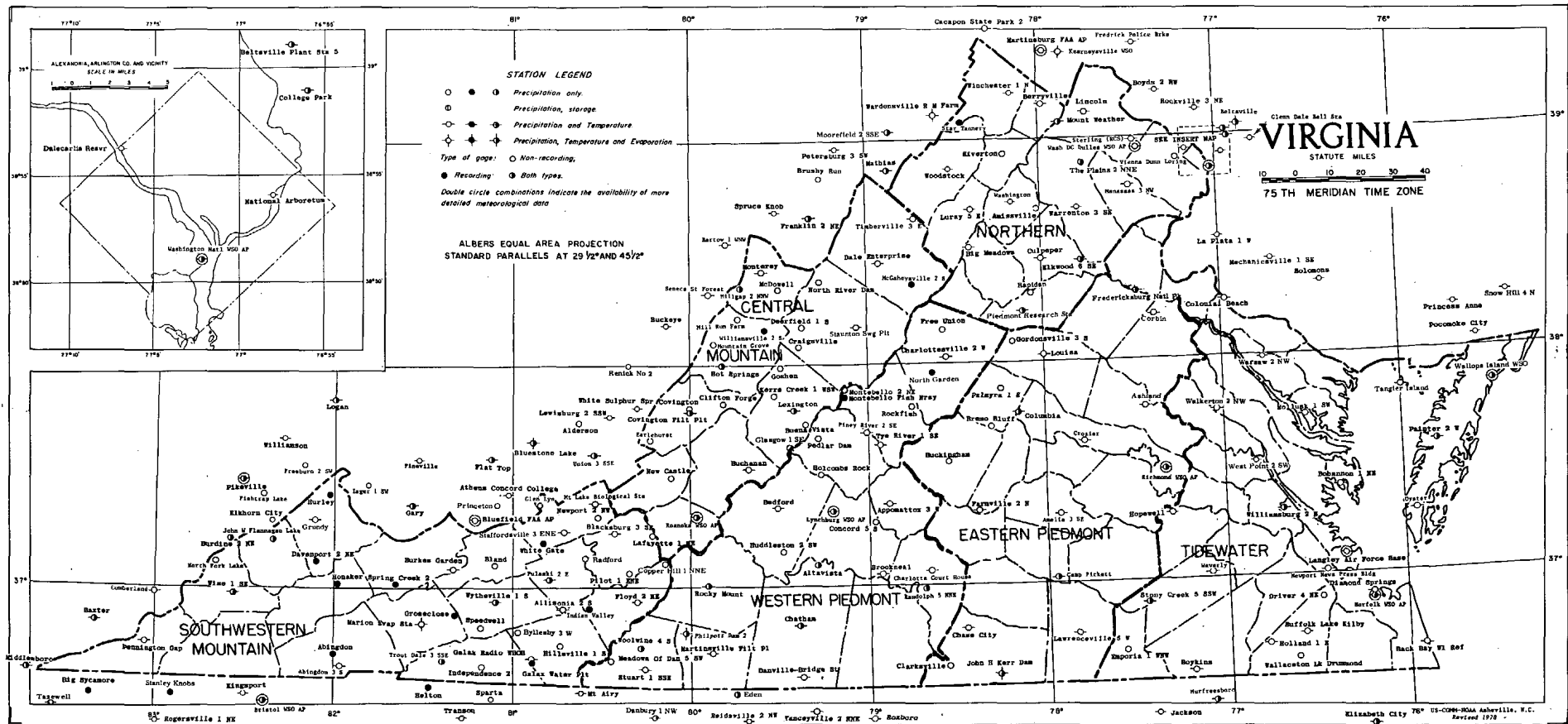
IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- # 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.
- + DRAINAGE CODE: 1-APPOMATTOX 2-ATLANTIC 3-BIG SANDY 4-BLACKWATER 5-CHESAPEAKE 6-CLINCH 7-DAN 8-HOLSTON 9-JAMES 10-MEHERRIN
11-NEW 12-NOTTOWAY 13-POTOMAC 14-RAPPAHANNOCK 15-ROANOKE 16-SHENANDOAH 17-YORK
- 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 20 cents. Note minimum charge and ordering instructions below.

SUBSCRIPTION PRICE: \$5.10 per year for each section including annual summary; \$8.00 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. There is a minimum charge of \$2.00 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, NC 28801. Attn: Publications.



U. S. DEPARTMENT OF COMMERCE
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ASHEVILLE, N. C. 28801

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210



THIRD CLASS
BULK RATE