

CLIMATOLOGICAL DATA ANNUAL SUMMARY

VIRGINIA

1986

VOLUME 96 NUMBER 13



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NATIONAL CLIMATIC DATA CENTER, ASHEVILLE NORTH CAROLINA"
28801

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NATIONAL
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CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1986

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
VIRGINIA												
TIDEWATER 01												
BACK BAY WL REF	2.42		M 1.25		.94		2.06		.51		3.89	
COLONIAL BEACH	2.83		M		1.35		M		M		M	
DRIVER 4 NE												
EMPORIA 1 WNW	3.03	-.21	2.38	-.91	2.32	-1.14	1.20	-1.70	5.47	1.58	1.85	-1.63
FREDERICKSBURG NATL PK	2.42	-.69	2.43	-.45	1.38	-2.46	2.63	-.43	1.88	-1.59	1.33	-2.31
HOLLAND 1 E	2.80	-1.25	2.07	-1.48	1.52	-2.44	1.75	-1.30	.94	-3.09	4.30	-2.03
HOPEWELL	M		2.76	-.49	1.50	-2.18	1.27	-1.90	2.85	-.97	.93	-2.53
KILMARNOCK 1 N	2.49		3.11		.62		1.39		1.50		.76	
LANGLEY AFB	1.59	-2.13	2.73	-.76	1.05	-3.21	1.49	-1.35	1.25	-2.52	1.03	-2.71
MATHEWS 2 ENE	2.40		2.98		.79		1.03		1.17		.69	
NORFOLK WSO AP	2.52	-1.20	2.71	-.57	.75	-3.11	3.31	-.44	1.41	-2.34	1.51	-1.94
PAINTER 2 W	3.54	.13	2.36	-.95	.55	-3.58	1.30	-1.62	.28	-3.19	1.89	-1.62
STONY CREEK 3 ESE	2.69		2.03		2.30		1.19		6.73		3.35	
SUFFOLK LAKE KILBY	2.69	-1.21	2.31	-1.33	.93	-3.18	1.53	-1.42	.90	-2.91	3.35	-.69
TANGIER ISLAND	M		M 3.13		1.16		2.51		.58		1.99	
WAKEFIELD 2	2.50		M 2.73		2.09		1.87		2.27		1.04	
WALKERTON 2 NW	3.25	-.06	3.31	.13	1.06	-2.61	1.16	-1.78	3.48	-.38	.85	-3.18
WALLACETON LK DRUMMOND	2.30	-1.73	3.34	-.30	1.47	-2.55	3.13	-.08	1.25	-2.89	2.66	-1.34
WARSAW 2 NW	2.96	-.21	2.26	-.48	.99	-2.52	1.23	-1.73	2.43	-1.58	.93	-2.76
WEST POINT 2 SW	3.56		M 3.34		1.82		.93		4.02		1.24	
WILLIAMSBURG 2 N	2.95	-.79	2.83	-.66	1.26	-2.96	1.54	-1.44	1.96	-2.44	.80	-3.41
--DIVISIONAL DATA----->	2.74	-.77	2.59	-.64	1.28	-2.65	1.63	-1.29	2.20	-1.50	1.63	-2.07
EASTERN PIEDMONT 02												
AMELIA 4 SW	2.06		M 2.97		2.22		.92		3.31		1.47	
ASHLAND	2.33		3.08		1.85		1.98		3.26		1.31	
BREMO BLUFF	1.83	-1.25	M		1.82	-1.99	1.25	-1.67	1.09	-2.64	.64	-2.96
BUCKINGHAM	1.33	-1.76	3.90	.96	1.00	-2.72	1.06	-2.09	1.95	-1.85	.49	-2.83
CAMP PICKETT	2.68		2.31		2.46		1.30		3.11		1.59	
CHASE CITY	.59		2.46	-1.00	4.34	.80	.74	-2.39	2.23	-1.20	.70	-2.87
CLARKSVILLE	M		1.92		2.50	-1.29	.74	-2.43	2.13	-1.56	.48	-3.13
COLUMBIA 2 SSE	M		M 2.04		M		M		M		M	
CORBIN	2.28		3.01		1.06		2.11		3.41		2.17	
CROZIER	2.05		2.91		1.68		1.22		5.58		.74	
CUMBERLAND	1.98		3.16		1.76		.98		1.78		1.70	
FARMVILLE 2 N	1.89	-1.57	3.57	.27	2.10	-1.79	.74	-2.42	2.20	-1.62	.50	-3.13
GORDONSVILLE 3 S	1.41		2.74		1.19		2.61		1.31		.54	
JOHN H KERR DAM	2.46	-.94	2.26	-.99	2.56	-1.03	1.14	-1.85	3.14	-.43	.74	-2.66
KEYSVILLE 8 N	M		M		.86		.91		.62		.02	
LAWRENCEVILLE 5 W	3.00	-.62	2.64	-1.04	1.87	-2.12	1.17	-1.91	4.03	-.08	.77	-3.24
LOUISA	2.13	-.94	2.61	-.46	1.12	-2.69	3.18	.14	1.10	-2.29	.80	-3.14
PALMYRA 1 E	1.38		2.58		1.27		1.74		1.59		2.22	
PETERSBURG	M		M		M		M		M		M	
POWHATAN	1.91		3.52		1.63		1.09		4.61		1.65	
RICHMOND WSO AP	2.69	-.54	2.67	-.46	1.16	-2.41	1.16	-1.74	3.15	-.40	1.30	-2.30
WINTERPOCK 4 W	2.87		3.03		2.28		1.40		2.77		1.72	
--DIVISIONAL DATA----->	2.36	-.96	2.75	-.44	2.07	-1.69	1.42	-1.67	3.14	-.52	1.10	-2.56

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1986

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
VIRGINIA														
TIDEWATER 01														
BACK BAY WL REF	.75		9.16		.38		.60		M 2.06		2.80		M 26.82	
COLONIAL BEACH	M 2.50	-2.36	7.16		.50		2.67		M 3.06		6.23			
DRIVER 4 NE	4.14	-.77	7.04	1.65	.39	-3.84	M 2.92	-.04	M 2.28	-.55	5.10	1.71	41.98	-.44
EMPORIA 1 WNW	4.29	.61	10.82	6.40	.47	-3.18	2.41	-.79	3.89	.85	5.89	2.59	33.28	-7.71
FREDERICKSBURG NATL PK	6.64	1.42	8.40	2.96	.51	-3.57	2.88	-1.16	1.65	-1.35	4.50	1.04	37.96	-10.19
HOLLAND 1 E	4.67	-.38	7.41	2.79	.58	-3.51	2.74	-.89	2.20	-.88	5.62	2.23		
HOPEWELL	4.36		8.18		1.05		2.21		2.18		7.05		34.90	
KILMARNOCK 1 N	2.15	-2.65	7.75	2.98	.54	-4.06	1.53	-1.86	2.38	-.53	4.76	1.50	28.25	-17.30
LANGLEY AFB	3.60		8.85		.83		1.64		2.25		6.05		32.28	
MATHEWS 2 ENE	2.59	-2.56	4.80	-.53	.26	-4.09	1.67	-1.74	1.21	-1.67	3.74	.57	26.48	-18.74
NORFOLK WSO AP	4.97	.87	8.47	4.19	.69	-2.72	.75	-2.82	2.61	-.35	5.04	1.67	32.45	-9.99
PAINTER 2 W	6.38		10.57		1.58		2.34		2.76		5.06		44.56	
STONY CREEK 3 ESE	3.62	-1.37	5.33	.13	.86	-3.42	2.18	-1.45	1.57	-1.37	3.82	.38	29.09	-17.84
SUFFOLK LAKE KILBY	4.40		6.55		1.75		2.03		1.82		5.79		M 34.14	
TANGIER ISLAND	3.71		10.41		.75		1.54		2.48		3.89		M 35.28	
WAKEFIELD 2	4.29	-.42	5.63	.77	.76	-2.92	3.56	.16	2.94	-.54	6.70	3.30	37.00	-7.53
WALKERTON 2 NW	2.10	-2.87	8.10	2.58	.96	-3.21	2.16	-1.89	2.04	-.82	5.42	1.82	34.93	-13.28
WALLACETON LK DRUMMOND	4.74	.36	5.00	.67	.64	-3.55	2.21	-1.32	2.77	-.53	6.07	2.87	32.23	-10.78
WARSAW 2 NW	3.96		7.03		.72		2.94		2.00		5.33		M 36.89	
WEST POINT 2 SW	7.22	1.99	9.16	4.48	.73	-3.69	1.66	-1.90	1.95	-1.26	5.21	1.78	37.27	-10.30
WILLIAMSBURG 2 N	4.25	-.27	7.59	2.87	.77	-3.17	2.13	-1.26	2.29	-.74	5.19	1.91	34.29	-9.58
--DIVISIONAL DATA----->														
EASTERN PIEDMONT 02														
AMELIA 4 SW	1.74		8.19		.81		2.30		2.85					
ASHLAND	4.02		6.00		.59		2.43		2.27		5.18		34.30	
BREMO BLUFF	5.01	1.51	4.80	.74			2.37	-1.27	3.41	.39	5.08	1.95		
BUCKINGHAM	2.42	-1.34	4.53	.51	1.84	-1.88	2.32	-1.23	3.81	.86	5.04	1.91	29.69	-11.46
CAMP PICKETT	3.61		11.15		.96		2.71		2.28		5.69		39.85	
CHASE CITY	3.78	.06	10.84	6.98	1.00	-2.46	2.71	-.76	3.58	.38	4.02	.84	M 36.99	
CLARKSVILLE	1.20	-2.61	9.95	5.81	.98	-2.36	2.41	-.68	2.96	-.02	4.09	.91	M 31.17	
COLUMBIA 2 SSE	3.97		5.50		.98		3.07		3.05		6.29		36.90	
CORBIN	3.10		7.04		1.14		2.88		3.18		5.34		M 36.86	
CROZIER	2.20		6.47		1.17		2.39		2.90		5.12		31.61	
CUMBERLAND	1.19	-3.05	8.43	4.36	1.16	-2.22	2.45	-1.06	2.94	-.23	5.13	1.83	32.30	-10.63
FARMVILLE 2 N	5.02		3.82		1.95		2.14		3.83		4.77		31.33	
GORDONSVILLE 3 S	3.40	-.91	7.82	4.03	.62	-2.89	3.25	-.17	3.21	.13	4.20	.98	34.80	-6.73
JOHN H KERR DAM	2.02		5.08		1.62		2.30		1.99		2.34			
KEYSVILLE 8 N	2.74	-1.32	9.13	4.96	.67	-3.17	3.41	-.16	3.00	-.13	3.69	.04	36.12	-8.63
LAWRENCEVILLE 5 W	6.17	2.31	3.98	-.48	1.02	-2.24	2.62	-1.01	3.29	.13	5.14	1.75	33.16	-8.92
LOUISA	8.66		9.36		1.13		2.19		2.66		4.27		39.05	
PALMYRA 1 E														
PETERSBURG	M 4.00		6.44		.97		2.32		2.88		5.32		36.34	
POWHATAN	R 7.01	1.87	6.75	1.74	.63	-2.89	2.43	-1.31	2.46	-.83	5.15	1.76	36.56	-7.51
RICHMOND WSO AP	2.43		7.83		.62		2.94		2.51		4.99		35.39	
WINTERPOCK 4 W	3.70	-.44	7.47	3.11	.88	-2.81	2.72	-.97	2.96	-.19	4.99	1.69	35.56	-7.45
--DIVISIONAL DATA----->														

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TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1986

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
WESTERN PIEDMONT 03												
ALTAVISTA	.92	-2.29	2.88	-.19	.97	-2.63	1.05	-1.87	3.30	-.51	.14	-3.11
APPOMATTOX	1.11		2.68	-.40	1.13	-2.74	.88	-2.45	2.62	-1.17	.86	-2.54
BEDFORD	1.32	-1.76	3.78	.57	1.37	-2.50	1.39	-1.90	3.19	-.61	.68	-3.20
CHARLOTTE COURT HOUSE 3 W	1.56	-1.69	2.42	-.74	1.78	-2.02	.50	-2.76	2.60	-.87	1.11	-2.62
CHARLOTTESVILLE 2 W	1.09	-2.19	2.80	-.38	1.54	-2.62	2.18	-1.10	1.63	-2.54	1.58	-2.33
CHATHAM	1.14	-2.27	2.34	-.98	1.15	-3.01	.96	-2.58	2.88	-1.01	1.67	-1.93
CONCORD 5 S	1.20	-2.13	2.97	-.09	.92	-2.97	.67	-2.55	1.99	-1.61	.58	-2.96
DANVILLE-BRIDGE ST	1.22	-2.21	2.48	-.84	2.23	-1.78	.94	-2.51	3.09	-.64	2.17	-1.69
FREE UNION	1.33		3.22		1.34		2.51		2.72		1.82	
HUDDLESTON 4 SW	1.08	-2.10	3.40	.33	1.12	-2.84	.71	-2.66	2.69	-.82	.24	-3.00
LYNCHBURG WSO AP	.83	-2.23	2.85	-.08	.97	-2.72	1.21	-1.69	3.10	-.55	.47	-3.00
MEADOWS OF DAN 5 SW	2.02	-2.00	2.74	-1.23	2.88	-2.36	.85	-4.05	3.07	-1.61	1.18	-3.93
MONTEBELLO 2 NE	.03		2.66	-1.27	2.18	-2.52	2.93	-1.19	3.10	-1.37	1.76	-2.37
MONTICELLO	.76		2.72		1.01		2.11		1.43		2.10	
PEDLAR DAM	1.39	-1.85	3.36	-.04	1.60	-2.79	2.03	-1.52	3.31	-.75	.44	-3.32
PHILPOTT DAM 2	.77		2.20		1.68		.66		3.84		.35	
PINEY RIVER 2 SE												
ROCKFISH	.92	-2.50	2.75	-.58	1.25	-2.99	1.80	-1.75	1.06	-2.92	1.58	-2.97
ROCKY MOUNT	.99	-2.20	2.49	-.70	1.30	-2.73	1.52	-2.09	2.77	-1.01	.65	-2.88
ROSELAND 1 NNW									3.25		2.20	
SOUTH BOSTON	1.33		2.09		2.32		.46		4.00		.53	
STUART 1 SSE	1.32		2.83		1.77		1.64		2.28		1.45	
TYE RIVER 1 SE	.83	-2.48	3.09		1.42	-2.62	1.75	-1.59	1.62	-2.28	.77	-2.89
WOOLWINE	1.26	-2.73	3.15	-.86	2.50	-2.66	2.13	-2.66	2.42	-2.29	1.26	-3.73
--DIVISIONAL DATA-->	1.16	-2.13	2.61	-.66	1.50	-2.62	1.22	-2.27	2.75	-1.16	1.07	-2.70
NORTHERN 04												
BERRYVILLE	1.05	-1.53	2.94		2.08	-1.02	2.33	-.95	1.25	-2.37	.37	-3.53
BIG MEADOWS	2.16	-1.34	3.59	.53	2.37	-1.83	3.18	-.65	2.24	-2.24	6.12	1.80
CULPEPER												
LINCOLN	1.46	-1.48	4.50	1.86	1.60	-2.28	3.83	.36	.95	-3.06	.42	-3.84
LURAY 5 E	.79		2.48		1.73	-1.52	.61	-2.28	1.29	-2.15	1.63	-1.96
MANASSAS 3 NW												
MOUNT WEATHER	1.65	-.86	3.47	1.20	2.19	-.93	4.02	.67	2.79	-1.33	1.00	-3.46
PIEDMONT RESEARCH STN	1.18	-1.61	2.75	.17	1.58	-2.11	3.29	.22	2.13	-1.57	1.20	-2.49
RICHARDSVILLE	2.01	-.94			1.10	-2.51					1.62	-2.21
STERLING (RCS)	1.54		3.59		1.29		3.87		1.54		1.02	
THE PLAINS 2 NNE	1.45		3.34		1.71		3.87		.98		2.92	
VIENNA DUNN LORING	3.37	.41	3.43	.72	.78	-2.93	2.90	-.48	1.21	-2.71	1.47	-2.64
WARRENTON 3 SE	2.03	-.99	3.38	.77	1.51	-1.99	3.04	-.18	1.85	-1.69	1.32	-2.51
WASH DULLES WSO AP	1.58	-1.25	3.16	.52	1.12	-2.31	3.01	-.13	1.19	-2.43	1.40	-2.83
WASH NATL WSCMO AP	2.38	-.38	3.49	.87	.74	-2.72	1.98	-.95	.75	-2.73	1.29	-2.06
WINCHESTER "WINC"	1.37		3.08		1.88		1.70		3.14		2.67	
WINCHESTER 3 ESE	1.67	-.83	3.15	.79	2.05	-1.23	1.68	-1.56	1.97	-1.63	1.63	-2.43
WOODSTOCK 2 NE	1.15	-1.25	3.43	1.45	1.70	-1.22	2.09	-.76	1.42	-1.81	1.59	-1.89
--DIVISIONAL DATA-->	1.63	-1.19	3.42	.92	1.64	-1.82	2.66	-.55	1.73	-2.00	1.66	-2.23
CENTRAL MOUNTAIN 05												
BUENA VISTA	.85	-1.93	2.21		1.61	-2.13	1.75	-1.08	2.98	-.37	1.22	-2.05
COVINGTON	1.31	-1.11	1.80	-.62	2.20	-1.18	.55	-2.19	3.20	-.18	1.62	-1.61
COVINGTON FILT PLANT	1.35		2.03		2.19		.83		2.90		1.55	
CRAIGSVILLE 2 S	.89		2.81		2.25		1.96		4.55		1.05	
DALE ENTERPRISE	.62	-1.37	2.15	.08	1.48	-1.39	1.95	-.62	2.59	-.77	1.53	-1.74
EARLEHURST	1.25		2.18		2.04		1.26		4.60		1.10	
GATHRIGHT DAM	1.54		2.43		2.51		.99		2.91		1.57	

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TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1986

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
WESTERN PIEDMONT 03														
ALTAVISTA	3.54	-.07	4.61	.90	1.33	-1.81	2.63	-.66	4.14	1.34	6.99	3.95	32.50	-6.95
APPOMATTOX	3.01	-1.02	7.23	3.45	1.25	-2.36	2.67	-.77	4.00	.94	5.35	2.20M	32.79	
BEDFORD	2.22	-1.85	4.05	.10	3.99	.59	2.65	-.91	4.34	1.44	5.72	2.63	34.70	-7.40
CHARLOTTE COURT HOUSE 3 W	2.14	-1.57	6.73	2.74	1.34	-2.32	2.76	-.79	3.67	.77	4.20	1.04	30.81	-10.83
CHARLOTTESVILLE 2 W	4.66	.15	4.81	.30	2.61	-1.29	2.01	-2.19	4.30	1.03	5.46	2.11	34.67	-11.05
CHATHAM	4.26	.32	4.71	.91	2.71	-1.08	2.88	-.67	3.23	.14	5.04	1.65	32.97	-10.51
CONCORD 5 S	.70	-3.07	3.70	.19	1.96	-1.52	2.40	-1.29	3.63	.49	5.23	2.09	25.95	-15.42
DANVILLE-BRIDGE ST	3.87	-.19	6.09	2.05	1.71	-1.97	3.57	.34	3.22	.40	4.85	1.54	35.44	-7.50
FREE UNION	4.29		3.55		1.98		1.75		4.05		6.31		34.87	
HUDDLESTON 4 SW	1.38	-2.29	5.55	1.94	2.84	-.73	2.45	-1.03	4.20	1.22	5.75	2.65	31.41	-9.33
LYNCHBURG WSO AP	3.20	-.65	3.57	-.12	1.63	-1.60	2.38	-.98	3.27	.35	4.86	1.70	28.34	-11.57
MEADOWS OF DAN 5 SW	2.51	-2.84	7.51	2.48	5.39	.16	2.97	-1.59	5.57	1.86	5.05	1.10	41.74	-14.01
MONTEBELLO 2 NE	3.21	-1.16	6.38	2.39	1.71	-2.51	1.78	-3.11	4.08	-.15	8.10	4.38M	37.92	
MONTICELLO	5.74		5.79		2.99		2.22				4.39			
PEDLAR DAM	4.77	.45	4.98	.96	2.66	-1.29	1.87	-2.04	4.00	.61	5.53	1.97	35.94	-9.61
PHILPOTT DAM 2	5.26		8.73		2.69		3.22		3.67		5.34		38.41	
PINEY RIVER 2 SE														
ROCKFISH	4.31	.17	5.63	1.39	2.54	-1.72	2.12	-2.25	4.22	.86	5.52	1.91	33.70	-13.35
ROCKY MOUNT	3.19	-.93	8.56	4.70	4.13	.11	2.60	-1.14	4.99	2.20	5.58	2.43	38.77	-4.24
ROSELAND 1 NNW	2.61		4.90		2.24		2.55		5.17		5.14			
SOUTH BOSTON	.88		7.20		1.55		2.43		3.56		4.30		30.65	
STUART 1 SSE	5.00				4.15		2.70		5.00		4.89			
TYE RIVER 1 SE	1.43	-2.69	3.93	.16	2.10	-1.45	2.63	-1.17	4.33	1.22	5.18	1.87M	29.08	
WOOLWINE	4.55	-.54	5.99	1.60	5.29	-.43	3.59	-1.21	5.46	1.70	6.52	2.48	44.12	-11.33
--DIVISIONAL DATA----->	3.39	-.82	5.97	1.89	2.47	-1.35	2.71	-.94	3.97	.95	5.01	1.73	33.83	-10.08
NORTHERN 04														
BERRYVILLE	2.18	-1.47	5.28	1.29	.83	-2.28	1.10	-2.02	5.25	2.39	3.94	1.42M	28.60	
BIG MEADOWS	3.14	-.91	5.67	.40	2.19	-2.80	1.55	-3.63	4.58	.17	7.86	4.50	44.65	-6.00
CULPEPER														
LINCOLN	2.34	-1.60	4.76	.42	1.13	-2.20	1.86	-1.20	7.99	4.95	5.17	1.95	36.01	-6.12
LURAY 5 E	3.48	-.09	4.64	.52	1.52	-2.07	1.53	-2.06	4.19	1.18	5.17	2.35M	29.06	
MANASSAS 3 NW														
MOUNT WEATHER	2.49	-1.38	2.99	-1.06	1.06	-2.40	1.36	-2.10	6.12	2.83	4.15	1.31	33.29	-7.51
PIEDMONT RESEARCH STN	7.00	3.23	4.50	.06	1.84	-1.52	1.83	-1.98	3.69	.60	4.79	1.69	35.78	-5.31
RICHARDSVILLE														
STERLING (RCS)	2.16		4.62		1.13		1.49		4.72		5.10		32.07	
THE PLAINS 2 NNE	2.49		6.82		1.16		1.70		4.18		4.85		35.47	
VIENNA DUNN LORING	4.72	.46	6.12	1.44	.96	-3.04	1.91	-1.19	5.55	2.31	5.56	2.34	37.98	-5.31
WARRENTON 3 SE	6.77	2.84	5.04	1.14	1.34	-1.98	1.25	-1.89	4.52	1.54	5.43	2.37	37.48	-2.57
WASH DULLES WSO AP	1.86	-1.89	5.72	1.56	1.04	-2.22	1.30	-1.71	4.17	1.18	4.83	1.54	30.38	-9.97
WASH NATL WSCMO AP	3.79	-.09	5.33	.93	.60	-2.62	2.01	-.89	5.23	2.41	4.98	1.80	32.57	-6.43
WINCHESTER "WINC"	1.95		4.11		.91		1.34		5.54		3.55		31.24	
WINCHESTER 3 ESE	3.65	-.36	3.07	-.67	.80	-2.35	1.32	-1.65	5.36	2.63	3.90	1.27	30.25	-8.02
WOODSTOCK 2 NE	4.30	.69	3.44	-.03	1.29	-1.93	1.03	-1.89M	5.08		3.29	.95M	29.81	
--DIVISIONAL DATA----->	3.47	-.33	4.55	.38	1.21	-2.29	1.46	-1.90	5.11	2.01	4.78	1.78	33.32	-7.22
CENTRAL MOUNTAIN 05														
BUENA VISTA	3.02	-.71	2.67	-.57	2.07	-.97M			3.03	.11	5.37	2.33		
COVINGTON	3.31	-.24	3.13	-.43	2.30	-.46	1.50	-1.40	3.13	.95M				
COVINGTON FILT PLANT	3.59		4.46											
CRAIGSVILLE 2 S	3.03		5.15		2.57		1.43		4.66		3.90		34.25	
DALE ENTERPRISE	2.16	-1.52	1.48	-2.42	2.29	-.94	1.00	-1.86	4.33	1.92	2.93	.73	24.51	-9.90
EARLEHURST	4.86		5.33		3.71		2.53		3.29		4.58		36.73	
GATHRIGHT DAM	3.63		3.33		2.61		1.71		4.60		3.82		31.65	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1986

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
GLASGOW 1 SE	1.33		2.69		2.34		1.86		3.73		.38	
GOSHEN	1.08	-1.84	3.19	-.32	2.77	-1.25	1.54	-1.61	3.55	-.22	.99	-2.56
HOT SPRINGS	2.21	-.83	2.27	-.67	2.49	-1.63	1.24	-2.07	4.02	.17	1.61	-2.06
KERRS CREEK 6 WNW	.62		2.68		2.05		1.44		3.34		2.74	
LEXINGTON	.85	-1.90	3.18	.29	2.05	-1.74	1.35	-1.52	2.61	-.72	1.98	-1.38
MC DOWELL 3 W	.44		2.91		.66		2.52		3.86		3.33	
MILLGAP 2 NNW	1.74		2.94		2.86		1.94		3.80		5.29	
MONTEREY	1.17	-1.79	3.02		2.67	-1.18	2.95	-.52	3.05	-.60	4.25	.37
MOUNTAIN GROVE	1.61				.46		1.58		3.02		2.84	
ROANOKE WSO AP	.93	-1.90	2.87	-.32	1.36	-2.33	1.67	-1.42	4.15	-.64	.62	-2.72
STAUNTON SEWAGE PLANT	.26	-2.27	2.31				2.09	-.70	2.13	-1.23	2.39	-.64
TIMBERVILLE 3 E	.48	-1.81	2.63	.54	1.71	-1.28	2.59	.03	1.47	-1.76	1.72	-1.70
WEST AUGUSTA	.50		2.00		2.20		4.45		5.20		2.20	
--DIVISIONAL DATA----->	1.05	-1.67	2.51	-.27	2.06	-1.56	1.74	-1.29	2.87	-.72	1.91	-1.60
SOUTHWESTERN MOUNTAIN												
ABINGDON 3 S	3.53		4.52		2.12		.93		5.95		1.23	
ALLISONIA 2 S	.71	-2.06	3.73	1.10	2.87	-.76	2.09	-1.11	6.12	2.33	1.13	-2.11
BLACKSBURG 3 SE	.75	-2.20	2.93	-.01	1.90		1.48	-2.07	6.33	2.71	1.28	-2.33
BLAND	1.57	-1.45	1.84	-1.08	1.20	-2.69	1.57	-1.61	5.06	1.47	1.89	-1.58
BURKES GARDEN	1.98	-1.52	3.57	.30	2.36	-1.74	2.04	-1.64	5.64	1.63	3.36	-.59
BYLLESBY 3 W	1.31		2.48		1.93		1.70		4.61		.90	
COPPER HILL 1 NNE	.85	-2.12	2.46	-.69	1.19	-2.81	1.63	-2.23	2.90	-1.16	1.21	-2.94
FLOYD 2 NE	1.04		1.73		1.80	-2.14	1.32	-2.39	4.41	.90	.20	-3.54
GALAX RADIO WBOB	1.02	-1.71	2.33	-.77	2.71	-1.21	1.29	-2.14	4.66	.73	.54	-3.48
GLEN LYN	1.40	-1.26	1.63	-1.02	1.84	-1.65	.98	-2.17	4.12	.60	1.50	-1.66
GRUNDY	1.16		3.23		1.48		1.61		7.55		.85	
HILLSVILLE 1 S	1.13	-1.73	3.24	.15	2.20	-1.95	1.65	-1.89	3.26	-.94	.67	-3.35
INDEPENDENCE 2	.81		2.40		1.71		.89		4.18		2.23	
JOHN W FLANNAGAN LAKE	2.05		4.33		1.81		1.13		5.02		1.14	
LAFAYETTE 1 NE	1.08	-1.93	2.79	.10	1.79	-1.53	.99	-2.07	3.65	.22	.25	-3.10
MARION EVAP STATION	2.02		3.85		1.99		1.26		6.63		3.63	
MT LAKE BIOLOGICAL STA	1.99		2.23		2.78		2.01		7.03		2.21	
NEWPORT 2 NNW	1.10		2.50		1.85	-1.51	1.15	-1.84	4.60	1.10	3.21	-.19
NORTH FORK LAKE	2.16		5.57		1.75		1.68		4.40		2.61	
PENNINGTON GAP	1.19		8.04	3.64	1.94	-3.81	1.71	-2.64	4.18	-.21	1.98	-2.19
PILOT 1 ENE												
PULASKI 2 E	.98		2.54		2.35		.61		4.29		1.26	
RADFORD	1.04	-1.69	2.84	.23	2.03	-1.46	.79	-2.39	4.78	1.68	1.76	-1.41
STAFFORDSVILLE 3 ENE	1.18	-1.56	2.71	.01	2.55	-1.06	1.01	-2.35	4.60	1.17	1.92	-1.38
TROUT DALE 3 SSE	1.76	-2.35	3.01	-1.14	1.99	-3.26	.80	-3.78	4.66	-.01	1.18	-3.41
WILLIS	1.39		2.24		2.47		1.18		3.66		.98	
WISE 1 SE	1.60		5.41		1.94		1.07		3.56		.72	
WYTHEVILLE 1 S	1.23	-1.40	2.67	-.06	1.61	-1.85	1.06	-2.05	6.32	2.74	1.57	-1.54
--DIVISIONAL DATA----->	1.59	-1.77	3.67	.34	2.08	-2.15	1.34	-2.37	5.47	1.52	1.60	-2.18

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1986

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
GLASGOW 1 SE	2.83		4.67		2.27		1.97		3.67		7.27		35.01	
GOSHEN	1.87	-1.93	3.82	.35	1.55	-1.90	1.28	-2.20	4.92	1.93	5.22	2.42	31.78	-8.49
HOT SPRINGS	3.19	-.96	4.74	.92	3.31	-.20	1.70	-1.83	4.60	1.78	3.81	.85	35.19	-6.53
KERRS CREEK 6 WNW	6.55		3.07											
LEXINGTON	3.29	-.37	2.30	-.79	1.59	-1.69	1.90	-1.35	3.70	1.03	3.83	.91	28.63	-9.23
MC DOWELL 3 W	2.88		2.21		2.92		1.13		5.25		2.65		30.76	
MILLGAP 2 NNW	5.48		3.70		3.21		2.12		4.54		3.85		41.47	
MONTEREY	3.55	-.20	2.26	-1.06	2.27	-1.09	1.47	-1.92	4.66	1.98	5.04	1.84	36.36	
MOUNTAIN GROVE	3.98		1.64		3.00		1.87		3.34		2.36			
ROANOKE WSO AP	2.83	-.62	4.31	.40	3.04	-.10	2.76	-.72	3.73	1.14	5.48	2.55	33.75	-5.40
STAUNTON SEWAGE PLANT							.71	-2.55			4.27	1.72		
TIMBERVILLE 3 E	2.22	-1.40	.87	-3.15	1.16	-2.34	.91	-1.89	3.21	.80	3.03	.64	22.00	-13.32
WEST AUGUSTA	1.55		3.09		3.50		.95		6.30		4.10		36.04	
--DIVISIONAL DATA----->	3.06	-.71	2.97	-.83	2.32	-1.13	1.52	-1.93	4.12	1.42	4.03	1.21	30.16	-9.08
SOUTHWESTERN MOUNTAIN														
ABINGDON 3 S	3.54		4.87		5.77		3.09		3.11		4.33		42.99	
ALLISONIA 2 S	3.18	-.40	4.14	.96	2.89	-.25	2.49	-.55	4.61	2.28	4.64	2.02	38.60	1.45
BLACKSBURG 3 SE	3.93	.28	3.31	-.22	3.86	.38	2.45	-.69	4.70	2.02	4.15	1.23	37.07	
BLAND	2.20	-1.59	5.38	1.87	3.53	.51	1.81	-.91	3.49	.96	3.58	.79	33.12	-5.31
BURKES GARDEN	4.73	.02	7.40	3.69	4.00	.52	2.22	-.69	3.84	.77	3.43	.15	44.57	.90
BYLLESBY 3 W	2.85		4.46		2.93		2.32		4.26		4.89		34.64	
COPPER HILL 1 NNE	1.73	-1.97	8.30	4.44	3.54	-1.03	3.62	-.84	4.64	1.44	4.99	2.16	37.06	-7.75
FLOYD 2 NE	2.76	-.97	6.91	3.66	2.60	-1.59	2.29	-1.41	4.30	1.25	4.91	1.87	34.27	
GALAX RADIO WBOB	1.56	-2.52	4.93	1.36	3.11	-.78	1.96	-1.78	4.67	1.73	6.37	3.29	35.15	-7.28
GLEN LYN	8.97	5.00	4.34	1.09	2.16	-.79	1.70	-.89	3.47	1.02	3.54	.93	35.65	-.80
GRUNOY	5.24		3.56		5.09		2.96		4.77		3.35		40.85	
HILLSVILLE 1 S	3.24	-.90	5.10	1.47	3.15	-.68	2.76	-.81			6.63	3.64		
INDEPENDENCE 2	3.84		5.28		1.98		3.17		3.96		6.01		36.46	
JOHN W FLANNAGAN LAKE	3.51		2.87		6.78		4.19		5.85		3.32		42.00	
LAFAYETTE 1 NE	3.28	-.53	5.44	2.02	3.28	.06	2.22	-1.00	3.68	1.06	4.30	1.53	32.75	-5.17
MARION EVAP STATION	4.23						1.98				3.55			
MT LAKE BIOLOGICAL STA	7.58		7.31		6.58		3.40		6.12		3.40		52.64	
NEWPORT 2 NNW	4.40	1.18	4.80	1.73	5.05	1.63	2.45	-.79	3.75	1.19	4.65		39.51	
NORTH FORK LAKE	4.03		3.77		4.04		3.48		4.66		3.14		41.29	
PENNINGTON GAP	4.70	-.37	2.62	-1.14	5.52	2.05	3.94	.98	6.85	2.96	4.63	-.03	47.30	
PILOT 1 ENE														
PULASKI 2 E	2.74		4.95		3.46		1.75		4.13		4.07		33.13	
RADFORD	4.26	.42	3.94	.67	4.64	1.70	1.91	-1.12	3.98	1.51	4.14	1.50	36.11	-.36
STAFFORDSVILLE 3 ENE	4.07	.30	3.42	-.11	1.04	-2.24	2.25	-.52	4.51	2.03	3.77	1.09	33.03	-4.62
TROUT DALE 3 SSE	3.93	-.76	4.36	.30	3.69	-.14	2.97	-.88	4.06	.53	4.66	.93	37.07	-13.97
WILLIS	2.61		4.15		4.07		3.10		5.56		5.11		36.52	
WISE 1 SE					3.49		3.17		5.33		4.16			
WYTHEVILLE 1 S	2.11	-2.38	3.18	-.18	3.39	.33	2.49	-.46	3.41	1.03	4.15	1.55	33.19	-4.27
--DIVISIONAL DATA----->	3.93	-.46	4.77	1.12	3.99	.55	2.61	-.46	4.55	1.56	4.24	.96	39.84	-3.34

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

VIRGINIA
1986

1986																											
STATION		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		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
VIRGINIA																											
TIDEWATER 01																											
BACK BAY WL REF		39.8		41.9		47.9		56.2		65.3		75.9		81.0		76.9		72.3		66.7		56.1		46.3		60.5	
COLONIAL BEACH		38.6				48.9										76.2		72.9		62.8		50.1		41.2			
EMPORIA 1 WNW		36.8		41.2		46.7		58.0		65.5		75.2		80.9		75.1		69.6		61.3		50.5		41.0		58.5	
FREDERICKSBURG NATL PK		34.1	-6	36.1	-3	46.2	.8	56.2	.3	65.8	.8	75.2	2.4	79.6	2.5	73.7	-2.0	69.6	.4	60.1	2.5	44.9	-2.2	37.3	-6	56.6	.3
HOLLAND 1 E		37.8	-.8	42.4	2.1	50.5	2.3	57.2	-1.0	67.0	.7	75.6	2.1	80.5	3.0	74.8	-1.8	70.0	-.9	62.7	3.0	52.4	1.8	42.0	.4	59.4	.9
HOPEWELL				42.9	1.0	51.6	1.7	60.5	.3	69.4	1.3	77.7	2.6	82.3	3.3	76.2	-2.0	72.6	.4	64.0	2.9	52.2	.6	43.1	.4		
KILMARNOCK 1 N		36.7		38.1		47.1		54.9		66.3		74.7		79.3		73.3		69.1		60.5		48.5		39.3		57.3	
LANGLEY AFB		39.6	.4	42.8	1.9	51.3	3.0	57.6	-2	68.3	2.1	76.8	2.7	81.3	2.9	77.6	-.2	72.6	.7	64.5	3.5	52.7	1.4	43.4	.7	60.7	1.6
MATHEWS 2 ENE		38.3		39.7		47.6		55.3		66.2		75.3		79.5		74.0		70.3		62.0		51.7		41.8		58.5	
NORFOLK WSO AP		39.3	-.6	42.1	1.0	49.9	1.4	57.3	-.9	67.6	1.2	76.1	1.8	82.1	3.7	76.6	-1.1	72.4	.2	65.4	4.1	54.9	3.0	44.8	1.3	60.7	1.3
PAINTER 2 W		38.3	.6	39.7	.6	48.3	1.9	55.5	-.5	67.0	2.4	75.4	2.9	80.7	3.7	74.6	-1.4	70.8	.7	62.8	3.4	51.6	1.6	43.3	2.0	59.0	1.5
STONY CREEK 3 ESE		36.2		40.8		48.4		58.5		68.0		77.6		83.0		74.9		70.7		61.7		49.2		39.1		59.0	
SUFFOLK LAKE KILBY		37.4	-1.5	41.7	.8	49.6	1.3	57.0	-1.2	67.0	.6	76.2	2.3	81.1	3.2	75.4	-1.8	71.3	.1	63.0	3.0	53.4	2.9	43.4	1.4	59.7	.9
TANGIER ISLAND		36.7		38.4		46.7		55.4		67.4		77.2		82.7		78.6		72.7		64.7		52.1		45.0		59.8	
WAKEFIELD 2		37.6		40.7		47.4		58.2		66.5		76.2		79.8		75.2		71.1		61.9		51.8		41.8		59.0	
WALKERTON 2 NW		36.6	.2	39.2	.5	48.6	1.7	57.5	.1	67.1	1.3	75.3	2.1	79.8	2.5	74.6	-1.6	71.1	1.5	61.4	3.2	49.7	1.4	40.8	1.5	58.5	1.2
WARSAW 2 NW		37.8	1.3	38.5	-.1	48.5	1.9	56.6	-.4	67.7	2.1	75.9	2.5	80.3	2.9	74.3	-2.1	70.7	.7	61.6	2.8	48.7	-.3	40.5	.6	58.4	1.0
WEST POINT 2 SW		37.6		39.8		48.9		58.0		68.2		76.4		81.1		74.9		71.4		62.1		50.1		41.3		59.2	
WILLIAMSBURG 2 N		37.8	-.6	40.9	.7	49.5	1.6	58.6	-.5	68.0	1.7	76.2	2.8	80.2	2.7	74.0	-2.7	70.0	-.9	61.6	1.8	50.4	.0	41.2	-.4	59.0	.6
--DIVISIONAL DATA----->		37.6	-.7	40.4	.5	48.6	1.1	57.1	-.4	67.1	1.2	76.1	2.5	80.8	3.0	75.3	-1.7	71.1	-.1	62.7	2.5	51.1	.6	41.9	.2	59.2	.7
EASTERN PIEDMONT 02																											
AMELIA 4 SW		35.0		38.8		46.5		57.0		64.8		74.5		79.9		72.8		68.2		59.4		47.2					
ASHLAND		35.8		38.6		48.2		57.4		66.0		74.8		79.0		73.2		70.2		60.6		47.3		39.1		57.5	
BREMO BLUFF																71.3		67.3		56.4		42.6		34.2			
CAMP PICKETT		35.4		39.5		45.6		57.8		64.6		74.4		79.8		72.9		68.2		60.6		47.7		38.0		57.0	
CHASE CITY		35.8		41.4		47.5		58.1		64.8		76.2		81.6		74.3		69.7		59.4		49.9		42.7		58.5	
COLUMBIA 2 SSE				37.5	1.2																						
CORBIN		34.9		35.9		45.9		55.8		64.7		74.0		78.5		73.5		68.8		59.2		44.7		37.9		56.2	
CROZIER		36.3		38.4		46.8		58.2		65.7		75.9		79.8		73.3		69.3		58.8		47.3		38.7			
FARMVILLE 2 N		37.3	.3	40.0	.8	48.7	1.2	59.3	1.4	66.3	.8	75.9	3.3	80.4	3.8	73.5	-2.0	70.0	1.2	60.6	2.9	48.9	.9	39.5	.1	58.4	1.2
JOHN H KERR DAM		37.3	.2	41.6	2.7	47.2	.0	59.4	1.6	65.5	-.8	76.0	2.5	80.6	3.0	74.8	-1.7	70.7	.8	62.5	4.1	51.1	2.3	40.7	.6	59.0	1.3
LAWRENCEVILLE 5 W		37.8	-.7	42.4	2.0	49.6	1.2	59.0	.7	66.1	.1	75.4	2.6	81.0	3.9	74.6	-1.8	70.6	.7	62.6	3.9	51.9	2.3	41.1	.3	59.3	1.3
LOUISA		35.3	.2	36.6	-.9	47.5	1.4	56.3	-.1	65.3	.7	73.9	2.0	77.5	1.6	71.3	-3.6	68.6	.2	59.0	1.8	45.1	-2.1	37.2	-.9	56.1	.0
RICHMOND WSO AP		36.2	-.4	39.3	.4	50.0	2.8	59.2	1.3	66.9	.8	76.1	2.6	80.9	3.1	74.2	-2.6	70.8	.6	61.8	3.2	49.1	.2	40.9	1.0	58.8	1.1
--DIVISIONAL DATA----->		36.1	.0	39.2	.9	47.6	1.0	58.0	.9	65.5	.4	75.1	2.6	79.9	3.2	73.3	-2.4	69.4	.2	60.1	2.4	47.7	-.3	39.1	.0	57.6	.7
WESTERN PIEDMONT 03																											
APPOMATTOX		34.9		37.8		45.8		58.7		63.8		74.3		78.8		72.9		68.3		59.2		47.1		37.7		56.6	
BEDFORD		35.5	-1.2	39.2	.3	47.5	.1	58.5	1.1	64.2	-1.1	73.5	1.7	78.1	2.6	69.9	-4.6	66.2	-1.9	57.1	-.4	47.0	-.9	38.3	-1.3	56.3	-.5
CHARLOTTE COURT HOUSE 3 W		35.0	-.3	39.3	2.0	46.1	.2	59.0	2.5	64.4	-.3	75.2	3.3	79.5	3.4	74.2	-1.0	69.6	.8	61.0	3.8	49.0	1.6	39.2	.9	57.6	1.4
CHARLOTTESVILLE 2 W		36.5	1.2	37.7	.7	49.3	3.4	58.4	1.3	66.0	.6	75.1	2.6	78.7	1.9	72.3	-3.4	68.7	-.9	60.4	1.7	46.2	-2.3	38.3	-.2	57.3	.6
CHATHAM		33.3	-2.5	37.9	.2	43.1	-2.7	56.6	.8	62.0	-2.4	72.9	1.5	76.3	.7	70.6	-4.0	66.6	-1.7	57.1	.2	46.7	-.6	36.5	-2.1	55.0	-1.1
DANVILLE-BRIDGE ST		36.9	-.7	41.5	1.7	48.2	.2	60.9	2.3	66.0	-.8	77.2	3.4	82.1	4.3	75.6	-1.5	71.2	.7	62.0	3.3	50.5	1.8	40.2	.2	59.4	1.2
LYNCHBURG WSO AP		35.6	.5	38.9	1.5	47.8	2.1	58.5	2.1	64.4	-.1	74.6	3.0	78.8	3.1	72.4	-2.4	68.9	.5	59.3	2.2	47.4	.4	38.8	.5	57.1	1.1
MONTICELLO		33.1		36.3		44.4		57.6		64.5		73.8		77.6		70.9		67.6		59.3				37.9			
PHILPOTT DAM 2		34.6		39.1		45.0		58.7		62.6		73.3		78.0		71.6		67.5		59.2		48.0		38.3		56.3	
PINEY RIVER 2 SE																											
ROCKY MOUNT		34.7		39.3		45.3		58.2		62.8		73.6		78.3		71.5		67.6		58.3		47.0		37.2		56.2	
SOUTH BOSTON		34.3		40.8		46.3		57.7		64.8		75.1		80.0		73.9		68.9		60.2		48.8		38.3		57.4	
STUART 1 SSE		36.8		40.6		47.8		58.8		64.6		75.5		78.8				68.3		59.2		46.9		38.9			
TYE RIVER 1 SE		35.6		37.5		45.6		58.1		64.7		74.7		79.4		72.4		68.2		60.2		46.7		38.0		56.8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

VIRGINIA
1986

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		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
--DIVISIONAL DATA----->	35.3	- .5	39.0	1.2	46.5	.4	58.6	2.1	64.3	- .4	74.6	2.9	78.9	3.2	72.5	-2.3	68.3	- .1	59.5	2.3	47.6	.2	38.3	- .3	57.0	.7
NORTHERN 04																										
BERRYVILLE	31.9		31.7		42.6		53.5		63.3		72.2		77.5		71.7		66.9		57.3		42.7		35.8		53.9	
BIG MEADOWS	25.9	-1.2	29.6	1.3	37.0	1.3	46.5	- .4	55.0	- .6	62.7	.1	67.7	1.3	61.6	-3.7	58.4	-1.1	49.3	.2	37.7	-1.5	29.6	- .6	46.8	- .4
CULPEPER																										
LINCOLN	33.8	.5	32.8	-3.0	47.2	2.8	56.2	1.0	66.3	2.1	75.0	2.7	79.8	3.5	72.7	-2.6	70.5	1.8	60.2	2.8	44.8	-1.8	38.1	1.1	56.5	.9
LURAY 5 E	30.9	-1.1	33.0	-1.2	40.5	-2.2	56.2	2.8	62.9	.9	70.0	.8	74.5	1.4	69.1	-3.0	65.1	- .7	56.8	2.3	43.5	-1.1	34.1	-1.2	53.1	- .2
MANASSAS 3 NW																										
MOUNT WEATHER	29.0	.3	29.5	-1.0	39.8	.7	50.2	- .3	59.8	- .2	70.1	2.0	74.7	2.6	69.5	-1.7	64.3	- .3	55.4	1.8	40.6	-2.4	33.4	.6	51.4	.2
PIEDMONT RESEARCH STN	33.9	.2	35.1	- .6	45.6	1.2	56.7	1.4	65.3	1.3	74.5	2.6	78.0	1.9	72.2	-2.7	67.9	- .6	59.5	2.6	45.3	-1.3	37.4	.5	56.0	.5
RICHARDSVILLE	34.7	1.1			44.7	- .2					72.2	1.3														
STERLING (RCSI)	31.7		31.5		42.9		53.3		63.0		72.0		77.9		71.5		67.2		57.0		42.0		35.9		53.8	
WARRENTON 3 SE	33.1	.8	32.9	-1.2	43.9	1.0	54.6	.6	64.3	1.5	72.2	1.5	77.2	2.0	71.8	-2.4	67.4	- .6	58.9	2.3	44.6	-1.6	37.6	1.6	54.9	.5
WASH DULLES WSO AP	32.5	1.1	32.1	-1.5	44.3	1.9	53.6	.3	64.2	1.8	73.4	2.7	79.0	3.5	72.5	-1.8	68.2	.8	56.8	1.5	43.2	-1.6	36.8	1.7	54.7	.9
WASH NATL WSCMO AP	35.4	.2	35.3	-2.2	47.4	1.6	56.2	- .5	68.1	2.1	76.6	2.1	81.1	2.2	74.6	-3.0	70.9	- .2	61.1	1.8	46.5	-2.2	39.8	.9	57.8	.2
WINCHESTER "WINC"	30.5		30.8		41.7		52.6		62.4		70.7		75.3		70.0		65.8		56.5		42.0		34.5		52.7	
WINCHESTER 3 ESE	30.8	-1.4	30.6	-3.9	41.4	-2.0	52.7	-1.7	61.7	-1.8	70.0	-1.0	75.3	.2	70.0	-4.0	66.2	-1.3	55.8	- .2	40.7	-4.7	34.1	-1.6	52.4	-2.0
WOODSTOCK 2 NE	32.1	-1.0	33.1	-2.3	43.3	- .7	54.2	- .3	63.3	.1	70.8	.1	75.4	.7	69.5	-4.2	66.5	- .7	56.1	.1	42.6	-3.2	37.2	.6	53.7	- .9
--DIVISIONAL DATA----->	31.9	- .5	32.2	-2.3	43.0	- .1	53.6	- .5	63.0	.1	71.6	.9	76.4	1.5	70.5	-3.3	66.6	- .8	57.0	1.2	42.8	-2.7	35.7	- .1	53.7	- .5
CENTRAL MOUNTAIN 05																										
COVINGTON FILT PLANT	33.4		39.6		46.4		58.1		65.4		72.9		77.5		71.4											
DALE ENTERPRISE	33.3	1.5	36.0	1.8	45.1	2.3	55.3	2.3	63.8	1.9	72.4	3.0	76.9	3.6	71.6	- .5	67.9	2.2	57.4	3.1	44.5	.4	36.5	1.2	55.1	1.9
GATHRIGHT DAM	29.1		35.1		41.2		55.0		61.0		69.3		74.6		68.9		64.7		55.3		43.8		34.6		52.7	
HOT SPRINGS	29.7	-1.1	35.6	2.8	40.9	.1	54.3	2.8	61.1	1.0	68.8	1.8	74.4	3.7	68.5	-1.4	64.4	.8	54.9	2.1	44.5	2.0	35.5	1.6	52.7	1.4
LEXINGTON	34.1	- .5	38.8	1.7	45.9	.2	57.4	1.5	63.9	- .3	72.5	1.4	77.8	2.9	72.0	-2.0	67.9	.3	58.3	2.0	46.4	.4	37.5	.1	56.0	.6
MONTEREY	28.6		33.4		40.7		51.8		59.4		66.7		71.8		65.8		63.1		52.8		42.0		33.6		50.8	
ROANOKE WSO AP	35.2	- .3	38.3	.4	47.2	1.1	58.8	2.5	63.9	- .8	74.2	2.6	78.8	3.1	72.4	-2.3	68.9	.7	59.0	2.2	47.4	.5	38.5	.2	56.9	.8
STAUNTON SEWAGE PLANT	31.0	-1.4	35.2	1.2			54.0	.9	61.1	- .7	69.2	- .1							54.7	.3			34.5	-1.1		
TIMBERVILLE 3 E	33.0	1.1	35.4	1.4	44.6	1.8	55.2	2.0	65.4	3.0	72.8	2.9	76.8	3.0	72.2	- .5	69.6	3.3	57.7	2.8	44.8	.3	36.9	1.4	55.4	1.9
--DIVISIONAL DATA----->	31.9	-1.1	36.4	1.2	44.0	.4	55.5	1.5	62.8	.3	71.0	1.5	76.1	2.7	70.4	-2.0	66.6	.6	56.3	1.3	44.8	.1	36.0	.0	54.3	.5
SOUTHWESTERN MOUNTAIN 06																										
ABINGDON 3 S	32.2		40.2		45.9		56.6		63.2		72.2		76.2		71.8		67.8		58.4		49.8		38.9		56.1	
BLACKSBURG 3 SE	24.6	-6.3	34.8	1.9	41.9	.8	54.6	3.3	59.0	-1.0	68.4	1.6	73.9	2.9	68.1	-2.0	64.8	1.0	54.5	2.0	45.0	2.4	34.5	.5	52.0	.6
BURKES GARDEN	28.7	-1.3	35.2	3.1	40.8	.8	51.5	2.0	58.2	.8	66.1	2.4	70.1	2.8	65.4	- .9	62.7	2.0	51.6	1.5	44.5	3.9	33.9	.7	50.7	1.5
FLOYD 2 NE	31.9	- .8	38.3	3.6	43.5	1.2	53.8	1.7	60.2	.1	68.2	1.7	72.9	2.7	68.1	-1.4	64.3	.9	54.4	1.6	45.3	2.3	35.1	- .3	53.0	1.1
GALAX RADIO WBOB	32.9		39.3		44.8		55.9		60.5		68.5		72.2		67.7		64.5		53.9		44.9		33.8		53.2	
GRUNDY	30.6		39.9		44.5		56.9		64.1		73.1		77.6		72.9		69.6		58.6		49.1		38.0		56.2	
MARION EVAP STATION	26.1		33.4		39.4		51.1		57.4				72.5						54.4				37.8			
MT LAKE BIOLOGICAL STA	25.3		31.6		37.4		49.7		55.8		63.9		68.3		63.4		61.5		51.3		41.8		32.9		48.6	
PENNINGTON GAP	32.5	-1.2	41.2	4.7	47.4	2.4	58.8	4.0	64.1	1.2	74.4	4.9	77.4	4.2	71.7	- .7	68.9	1.9	58.8	3.4	50.8	6.1	38.7	1.9	57.1	2.7
PULASKI 2 E	32.7		37.7		44.7		56.4		62.9		70.9		74.9		69.0		65.6		54.7		45.5		37.1		54.3	
STAFFORDSVILLE 3 ENE	32.3		39.9		44.8		57.6		62.2		70.1		76.3		69.0		67.9		56.3		46.6		36.0		54.9	
WISE 1 SE	30.8		38.4		45.6		57.0		62.5		70.4						66.5		56.6		48.2		37.0			
WYTHEVILLE 1 S	32.1	- .7	38.9	3.7	44.2	1.2	55.6	3.0	62.0	1.1	70.1	2.8	74.6	3.5	70.5	.2	66.6	1.9	56.7	3.0	48.1	4.6	37.5	1.9	54.7	2.2
--DIVISIONAL DATA----->	30.2	-2.6	37.6	2.5	43.5	.2	55.0	1.9	60.9	- .4	69.7	1.8	73.9	2.4	68.9	-1.8	65.9	.9	55.4	1.5	46.6	2.9	36.2	.4	53.7	.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

VIRGINIA
1986

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.						
VIRGINIA																														
TIDEWATER 01																														
BACK BAY WL REF	97	7/14	15	1/28	1/29	16	3/ 8	19	3/ 8	19	3/22	28	3/23	30	12/ 6	28	12/ 6	28	NONE	NONE	NONE	NONE							259	258
COLONIAL BEACH					MSG		MSG		MSG		MSG		MSG		11/13	32	11/14	23	11/14	23	12/15	19	NONE							
EMPORIA 1 MNW	100	7/19	10	1/29	3/22	14	3/23	20	3/23	20	3/25	28	4/23	30	10/21	31	11/14	19	11/14	19	11/14	19	12/14	16	267	236	236	234	181	
FREDERICKSBURG NATL PK	100	7/19	11	1/28	3/ 8	13	3/22	19	3/23	21	3/25	27	5/ 4	31	10/20	32	11/14	16	11/14	16	11/14	16	11/14	16	16251	237	236	234	169	
HOLLAND 1 E	99	6/13	12	1/28	2/14	15	2/26	20	3/24	22	3/24	22	3/25	30	10/20	32	11/14	24	11/14	24	12/ 7	19	NONE							
HOPEWELL	100	7/19			MSG		3/ 8	17	3/23	23	3/23	23	3/25	31	10/20	31	11/14	22	11/14	22	12/14	18	NONE							
KILMARNOCK 1 N	100	6/12	10	2/14	3/23	14	3/23	14	3/23	14	3/25	26	4/24	32	10/20	28	10/20	28	11/14	18	11/14	18	12/23	16	275	236	236	209	179	
LANGLEY AFB	99	7/ 9	15	1/28	1/28	15	2/14	20	3/ 8	21	3/ 8	21	3/23	29	11/13	30	11/14	28	12/14	23	NONE									
MATHEWS 2 ENE	99	7/13	10	1/29	3/ 8	16	3/ 9	20	3/23	21	3/23	21	4/11	32	11/14	28	11/14	28	12/ 6	24	12/14	17	NONE							
NORFOLK WSO AP	100	7/13	14	1/28	1/28	14	3/ 8	20	3/ 8	20	3/23	26	3/23	26	11/14	32	12/ 7	25	12/14	24	NONE									
PAINTER 2 W	97	7/13	14	1/31	2/14	16	3/ 9	19	3/23	21	3/23	21	3/25	32	11/14	26	11/14	26	12/14	20	12/14	20	NONE							
STONY CREEK 3 ESE	104	7/19	10	1/28	3/ 8	16	3/23	20	3/23	20	3/24	28	4/23	32	10/20	31	11/14	19	11/14	19	11/14	19	12/14	16	281	236	236	235	180	
SUFFOLK LAKE KILBY	100	7/18	13	1/28	2/14	16	3/ 8	17	3/22	21	3/23	25	3/23	25	11/13	29	11/14	26	12/14	22	NONE									
TANGIER ISLAND	95	7/12	16	1/28	1/28	16	3/ 8	17	3/21	24	3/22	28	3/22	28	11/14	28	11/14	28	NONE	NONE	NONE	NONE								
WAKEFIELD 2	99	7/ 9	10	1/28	3/ 9	16	3/ 9	16	3/23	21	3/24	25	3/25	30	10/21	32	11/14	22	11/14	22	12/14	18	NONE							
WALKERTON 2 NW	98	7/13	6	1/29	3/ 8	14	3/23	18	3/23	18	3/25	25	4/12	31	10/20	32	11/14	19	11/14	19	11/14	19	12/14	15	281	236	236	234	191	
WARSAW 2 NW	97	7/18	10	1/29	3/ 8	14	3/22	20	3/23	22	3/23	22	4/23	32	10/20	31	11/14	21	11/14	21	12/14	16	12/14	16	16281	267	236	236	180	
WEST POINT 2 SW	100	7/18	9	1/28	3/ 8	16	3/23	20	3/23	20	3/25	28	3/25	28	10/20	32	11/14	22	11/14	22	12/14	15	12/14	15	15281	266	236	234	209	
WILLIAMSBURG 2 N	99	7/13	10	1/28	3/ 8	15	3/ 8	15	3/23	23	3/23	23	3/25	31	10/20	32	11/14	20	11/14	20	11/14	20	NONE							
EASTERN PIEDMONT 02																														
AMELIA 4 SW	101	7/10			3/ 9	15	3/22	17	3/23	22	4/24	25	5/ 5	32	10/16	32	11/14	15	11/14	15	11/14	15	11/14	15	15250	237	236	204	164	
ASHLAND	97	7/18	8	1/28	3/ 8	12	3/22	19	3/23	21	3/25	28	4/23	29	11/13	30	11/14	16	11/14	16	11/14	16	11/14	16	16251	237	236	234	204	
BREMO BLUFF					MSG		MSG		MSG		MSG		MSG		10/19	31	11/14	13	11/14	13	11/14	13	11/14	13						
CAMP PICKETT	100	7/20	11	12/23	3/ 9	16	3/22	18	3/24	24	3/25	28	4/24	32	10/20	32	11/13	26	11/14	14	11/14	14	11/14	14	14250	237	235	233	179	
CHASE CITY	103	7/20	8	1/29	3/ 8	15	3/ 9	18	3/23	21	4/11	28	4/24	32	10/21	32	11/14	18	11/14	18	11/14	18	NONE							
COLUMBIA 2 SSE					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG							
CORBIN	97	7/19	10	1/29	3/22	16	3/22	16	3/23	23	3/25	28	5/ 4	29	10/19	31	11/14	14	11/14	14	11/14	14	11/14	14	14237	237	236	234	168	
CROZIER					1/29	3/ 9	14	3/ 9	14	3/23	24	3/23	24	4/23	30	11/14	17	11/14	17	11/14	17	11/14	17	12/14	16	280	250	236	236	205
FARMVILLE 2 N	102	7/ 8	8	1/29	3/ 9	15	3/23	19	3/23	19	3/25	28	5/ 4	30	10/20	30	11/14	15	11/14	15	11/14	15	11/14	15	15250	236	236	234	169	
JOHN H KERR DAM	102	7/20	11	1/29	3/ 9	16	3/22	20	3/23	21	3/24	26	3/25	32	11/14	20	11/14	20	11/14	20	11/14	20	12/14	16	280	237	236	235	234	
LAWRENCEVILLE 5 W	99	7/19	8	1/28	3/ 8	12	3/23	18	3/23	18	3/25	28	5/ 4	31	10/20	31	11/14	19	11/14	19	11/14	19	NONE							
LOUISA	96	7/12	4	1/ 8	3/22	11	3/23	19	3/23	19	5/ 4	26	5/ 4	26	10/16	30	10/19	27	11/14	12	11/14	12	11/14	12	12237	236	236	168	165	
RICHMOND WSO AP	R100	7/ 9	12	1/28	3/ 8	15	3/ 8	15	3/23	24	3/23	24	5/ 4	32	11/13	26	11/13	26	11/14	21	12/14	18	NONE							
WESTERN PIEDMONT 03																														
APPOMATTOX	98	7/20	6	1/28	3/ 9	14	3/23	20	3/23	20	4/12	28	4/24	32	11/14	18	11/14	18	11/14	18	11/14	18	12/14	15	280	236	236	216	204	
BEDFORD	96	7/18	6	1/28	3/ 8	14	3/22	20	3/23	22	3/23	22	3/28	31	10/19	31	11/14	14	11/14	14	11/14	14	11/14	14	14251	237	236	236	205	
CHARLOTTE COURT HOUSE 3 W	99	7/10	8	1/29	3/ 9	16	3/22	20	3/24	23	3/24	23	5/ 4	32	10/20	32	11/14	17	11/14	17	11/14	17	12/14	14	280	237	235	235	169	
CHARLOTTESVILLE 2 W	100	7/19	5	1/28	3/ 8	10	3/21	17	3/22	22	3/23	28	4/23	31	11/14	15	11/14	15	11/14	15	11/14	15	11/14	15	15251	238	237	236	205	
CHATHAM	99	7/20	2	3/24	2		3/24	2	4/24	23	5/ 4	25	5/ 5	29	10/16	31	10/19	28	11/14	13	11/14	13	11/14	13	13235	235	204	168	164	
DANVILLE-BRIDGE ST	100	7/20	9	1/29	2/14	15	3/ 9	19	3/24	23	3/24	23	4/24	31	11/14	20	11/14	20	11/14	20	11/14	20	NONE							
LYNCHBURG WSO AP	R	7/19	7	1/28	3/ 8	13	3/ 8	13	3/23	23	3/23	23	3/28	32	10/20	32	11/13	25	11/14	16	11/14	16	11/14	16	16251	251	236	235	206	
MONTICELLO	95	7/21			3/ 9	14	3/22	19	3/23	24	3/23	24	3/24	29	MSG		MSG		MSG		MSG		MSG							
PHILPOTT DAM 2	97	7/21	4	1/28	3/ 9	15	3/23	20	3/24	23	3/24	23	5/ 5	31	11/14	16	11/14	16	11/14	16	11/14	16	11/14	16	16250	236	235	235	193	
PINEY RIVER 2 SE					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG							
ROCKY MOUNT	98	7/21	4	1/28	3/ 9	15	3/23	19	3/23	19	5/ 4	28	5/ 5	31	10/19	30	11/14	14	11/14	14	11/14	14	11/14	14	14250	236	236	194	167	
SOUTH BOSTON	100	7/20	7	1/28	3/22	16	3/23	18	3/23	18	5/ 5	28	5/ 5	28	10/19	30	10/21	28	11/14	15	11/14	15	11/14	15	15237	236	236	169	167	
STUART 1 SSE					2	1/28	3/ 8	12	3/ 8	12	3/22	23	4/17	27	4/24	31	10/16	31	11/13	28	11/14	14	11/14	14	14251	251	237	210	175	
TYE RIVER 1 SE	99	7/20	4	2/14	3/ 9	10	3/24	20	3/24	20	3/24	20	3/26	32	10/19	31	11/14	13	11/14	13	11/14	13	11/14	13	13250	235	235	235	207	

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

VIRGINIA
1986

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS BASE=65 DEGREES FAHRENHEIT

VIRGINIA
1986

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
VIRGINIA														
TIDEWATER 01														
BACK BAY WL REF	0	0	0	0	105	333	501	375	233	129	11	0	1687	
COLONIAL BEACH	0	-	2	-	-	-	-	357	251	95	7	0	-	
EMPORIA 1 WNW	0	0	0	13	111	315	498	339	169	80	5	0	1530	
FREDERICKSBURG NATL PK	0	0	3	11	122	317	462	300	174	71	0	0	1460	1203
HOLLAND 1 E	0	0	5	6	136	326	484	325	185	91	9	0	1567	1329
HOPEWELL	-	0	14	26	183	389	543	358	247	100	8	0	-	1571
KILMARNOCK 1 N	0	0	4	0	128	303	451	284	164	79	5	0	1418	
LANGLEY AFB	0	0	9	1	167	361	513	402	248	94	8	0	1803	1472
MATHEWS 2 ENE	0	0	0	0	116	315	457	297	182	80	7	0	1454	
NORFOLK WSO AP	0	0	2	2	153	343	537	367	237	109	15	0	1765	1458
PAINTER 2 W	0	0	2	0	146	323	496	321	197	94	6	0	1585	1205
STONY CREEK 3 ESE	0	0	7	31	157	384	565	331	198	87	4	0	1764	
SUFFOLK LAKE KILBY	0	0	1	3	142	345	505	340	208	85	10	0	1639	1377
TANGIER ISLAND	0	0	0	0	145	374	556	431	244	91	0	0	1841	
WAKEFIELD 2	B 0	0	0	12	120	341	466	334	202	72	5	0	B 1552	
WALKERTON 2 NW	0	0	2	8	141	324	465	317	209	73	4	0	1543	1256
WARSAW 2 NW	0	0	3	2	156	337	481	313	204	80	4	0	1580	1273
WEST POINT 2 SW	0	0	7	4	159	349	509	329	212	87	6	0	1662	
WILLIAMSBURG 2 N	0	0	6	5	147	343	480	298	176	79	9	0	1543	1323
EASTERN PIEDMONT 02														
AMELIA 4 SW	0	0	3	8	97	295	468	270	143	63	4	-	-	
ASHLAND	0	0	2	6	117	306	443	281	188	74	3	0	1420	
BREMO BLUFF	-	-	-	-	-	-	-	229	123	39	0	0	-	
CAMP PICKETT	0	0	1	15	101	293	466	276	144	69	2	0	1367	
CHASE CITY	0	0	0	18	103	B 345	B 519	308	167	37	0	0	B 1497	
COLUMBIA 2 SSE	-	0	-	-	-	-	-	-	-	-	-	-	-	1125
CORBIN	0	0	4	3	104	285	425	292	159	70	0	0	1342	
CROZIER	0	0	3	19	122	-	465	287	164	18	0	0	-	
FARMVILLE 2 N	0	0	6	19	112	336	485	293	182	71	5	0	1509	1170
JOHN H KERR DAM	0	0	0	15	113	337	490	331	201	92	4	0	1583	1323
LAWRENCEVILLE 5 W	0	0	10	10	112	320	500	315	192	86	7	0	1552	1275
LOUISA	0	0	3	6	99	287	393	232	154	63	2	0	1239	1090
RICHMOND WSO AP	R 0	0	8	19	142	344	498	308	205	79	6	0	1609	1336
WESTERN PIEDMONT 03														
APPOMATTOX	0	0	2	20	75	288	437	269	136	57	0	0	1284	
BEDFORD	0	0	3	23	77	260	414	188	85	39	0	0	1089	1079
CHARLOTTE COURT HOUSE 3 W	0	0	1	27	88	B 320	454	309	167	79	0	0	B 1445	1142
CHARLOTTESVILLE 2 W	0	0	B 16	33	123	310	435	253	150	B 59	1	0	B 1380	1220
CHATHAM	0	0	0	6	50	242	357	212	101	42	0	0	1010	1108
DANVILLE-BRIDGE ST	0	0	0	44	113	372	540	346	205	82	2	0	1704	1384
LYNCHBURG WSO AP	R 0	0	3	23	82	295	434	254	149	52	0	0	1292	1074
MONTICELLO	0	0	B 5	25	96	B 272	399	216	B 110	65	-	0	-	
PHILPOTT DAM 2	0	0	0	21	57	258	406	236	122	54	0	0	1154	
PINEY RIVER 2 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROCKY MOUNT	0	0	2	16	67	268	419	233	119	51	0	0	1175	
SOUTH BOSTON	0	0	7	105	313	468	304	146	67	2	0	0	1414	
STUART 1 SSE	0	0	10	32	90	B 323	436	-	133	53	1	0	-	
TYE RIVER 1 SE	0	0	0	19	91	300	451	255	136	63	0	0	1315	
NORTHERN 04														
BERRYVILLE	0	0	4	3	75	239	396	242	123	53	0	0	1135	
BIG MEADOWS	0	0	0	0	4	38	113	25	13	6	0	0	199	206
CULPEPER	-	-	-	-	-	-	-	-	-	-	-	-	-	1129
LINCOLN	0	0	9	10	128	316	466	B 262	203	62	0	0	B 1456	1128

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

VIRGINIA
1986

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
LURAY 5 E	0	0	0	16	61	174	304	170	78	45	0	0	848	811
MANASSAS 3 NW	0	0	0	0	46	B 189	313	173	67	34	0	0	B 828	650
MOUNT WEATHER	0	0	6	18	109	298	413	248	132	60	0	0	1282	1105
PIEDMONT RESEARCH STN	0	0	0	0	0	236	-	-	-	-	-	-	-	972
RICHARDSVILLE	0	0	2	1	78	B 245	411	243	121	52	0	0	B 1153	985
STERLING (RCS)	0	0	2	4	92	233	390	237	122	60	0	0	1140	985
WARRENTON 3 SE	0	0	3	0	93	266	441	273	151	49	0	0	1276	970
WASH DULLES WSO AP	0	0	5	10	162	358	503	318	202	70	1	0	1629	1430
WASH NATL WSCMO AP	R 0	0	4	1	72	B 205	B 323	198	102	48	B 0	0	B 953	985
WINCHESTER "WINC"	0	0	1	0	64	183	331	193	107	52	0	0	931	985
WINCHESTER 3 ESE	0	0	0	1	67	194	334	180	110	45	0	0	931	936
WOODSTOCK 2 NE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL MOUNTAIN 05														
COVINGTON FILT PLANT	0	0	0	23	99	243	391	220	-	-	-	-	-	-
DALE ENTERPRISE	0	0	0	1	66	235	380	237	135	49	0	0	1103	773
GATHRIGHT DAM	0	0	0	12	42	150	307	164	67	32	0	0	774	535
HOT SPRINGS	0	0	0	9	54	137	300	155	63	28	B 0	0	B 746	979
LEXINGTON	0	0	0	4	60	B 235	404	241	123	54	0	0	B 1121	979
MONTEREY	0	0	0	0	16	94	226	83	44	18	0	0	481	1085
ROANOKE WSO AP	R 0	0	4	24	84	282	438	257	145	48	0	0	1282	809
STAUNTON SEWAGE PLANT	0	0	0	0	40	150	-	-	-	35	-	0	-	809
TIMBERVILLE 3 E	0	0	0	3	107	252	371	254	178	62	0	0	1227	823
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3 S	0	0	0	14	51	219	355	233	108	45	2	0	1027	585
BLACKSBURG 3 SE	0	B 0	0	3	25	124	286	149	66	28	0	0	B 681	252
BURKES GARDEN	0	0	0	0	11	B 67	172	76	29	14	0	0	B 369	544
FLOYD 2 NE	0	0	0	0	23	116	257	143	49	27	0	0	615	582
GALAX RADIO WBOB	0	0	0	2	24	120	233	133	48	22	0	0	582	1203
GRUNDY	0	0	0	20	72	250	399	267	148	46	1	0	1203	830
MARION EVAP STATION	0	0	0	0	1	-	250	-	-	14	-	0	-	830
MT LAKE BIOLOGICAL STA	B 0	0	0	0	0	32	123	41	23	13	0	B 0	B 232	830
PENNINGTON GAP	0	0	0	25	61	291	392	234	135	33	1	0	1172	826
PULASKI 2 E	0	0	0	7	49	184	316	161	76	33	0	0	826	868
STAFFORDSVILLE 3 ENE	0	0	0	18	48	B 161	356	155	107	23	0	0	B 868	576
WISE 1 SE	0	0	1	21	38	170	-	-	82	29	0	0	-	576
WYTHEVILLE 1 S	0	0	0	6	31	163	303	202	84	30	0	0	819	576

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL EVAPORATION AND WIND MOVEMENT

VIRGINIA
1986

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
VIRGINIA														
EASTERN PIEDMONT 02														
JOHN H KERR DAM	WIND	-	-	-	B 1432	1384	1460	B 1129	1443	1193	1168	-	-	-
	EVAP	-	-	-	4.73	B 5.69	7.21	7.32	B 5.23	4.14	3.17	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN PIEDMONT 03														
PHILPOTT DAM 2	WIND	-	-	-	840	571	541	540	356	331	432	-	-	-
	EVAP	-	-	-	4.17	4.13	5.67	5.97	B 4.04	B 3.16	2.32	-	-	-
	MAX TEMP	-	-	-	81.3	85.2	M 93.3	-	-	-	-	-	-	M -
	MIN TEMP	-	-	-	53.6	61.9	M 69.6	-	-	-	-	-	-	M -
NORTHERN 04														
PIEDMONT RESEARCH STN	WIND	-	-	-	1340	1068	1168	854	875	807	886	-	-	-
	EVAP	-	-	-	4.86	6.65	8.51	B 7.73	B 5.53	4.20	3.60	-	-	-
	MAX TEMP	-	-	-	71.2	83.7	93.2	M 96.0	86.9	83.5	71.4	-	-	M -
	MIN TEMP	-	-	-	47.7	57.7	64.6	M 70.9	65.3	61.5	51.2	-	-	M -
CENTRAL MOUNTAIN 05														
GATHRIGHT DAM	WIND	-	-	-	-	753	600	609	614	532	720	-	-	-
	EVAP	-	-	-	-	4.52	5.67	5.94	4.39	3.25	2.84	-	-	-
	MAX TEMP	-	-	-	-	72.3	83.8	86.1	80.0	75.4	63.6	-	-	M -
	MIN TEMP	-	-	-	-	48.9	56.8	63.4	58.8	55.0	44.7	-	-	M -
SOUTHWESTERN MOUNTAIN 06														
MARION EVAP STATION	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
VIRGINIA												
ABINGDON 3 S	0021	06	WASHINGTON	36 40	81 58 W	1920	18	18	0			
ALLISONIA 2 S	0135	06	PULASKI	36 54	80 44 W	1850	0	35	0			
ALTAVISTA	0166	03	CAMPBELL	37 6	79 18 W	510	0	41	0			C
AMELIA 4 SW	0187	02	AMELIA	37 18	78 2 W	360	18	18	0			
APPOMATTOX	0243	03	APPOMATTOX	37 22	78 50 W	910	25	48	0			
ASHLAND	0327	02	HANOVER	37 45	77 29 W	220	74	74	0			H
BACK BAY WL REF	0385	01		36 40	75 55 W	5	34	34	0			
BEDFORD	0551	03	BEDFORD	37 21	79 31 W	975	58	72	0			
BERRYVILLE	0670	04	CLARKE	39 9	77 59 W	600	35	45	0			
BIG MEADOWS	0720	04	MADISON	38 31	78 26 W	3535	51	51	0			H
BLACKSBURG 3 SE	0766	06	MONTGOMERY	37 11	80 25 W	2000	35	35	0			H
BLAND	0792	06	BLAND	37 6	81 6 W	2000	0	36	0			
BREMO BLUFF	0993	02	FLUVANNA	37 42	78 18 W	225	1	46	0			
BROOKNEAL	1082	03	CAMPBELL	37 3	78 56 W	445	11	37	0			
BUCHANAN	1121	05	BOTETOURT	37 32	79 41 W	880	68	85	0			
BUCKINGHAM	1136	02	BUCKINGHAM	37 33	78 33 W	460	0	51	0			
BUENA VISTA	1159	05	ROCKBRIDGE	37 44	79 21 W	840	0	49	0			
BURKES GARDEN	1209	06	TAZEWELL	37 5	81 20 W	3300	89	91	0			H
BYLLESBY 3 W	1259	06	CARROLL	36 48	80 59 W	2610	0	21	0			
CAMP PICKETT	1322	02	NOTTOWAY	37 2	77 57 W	330	15	15	0			C
CHARLOTTE COURT HOUSE 3 W	1585	03	CHARLOTTE	37 4	78 42 W	590	40	40	0			H
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	38 2	78 31 W	870	83	110	0			
CHASE CITY	1606	02	MECKLENBURG	36 50	78 28 W	510	39	39	0			
CHATHAM	1614	03	PITTSYLVANIA	36 49	79 24 W	640	63	63	0			C
CLARKSVILLE	1746	02	MECKLENBURG	36 37	78 34 W	310	0	95	0			
CLIFTON FORGE 2 NW	1801	05	ALLEGHANY	37 51	79 50 W	1400	0	2	0			
COLONIAL BEACH	1913	01	WESTMORELAND	38 15	76 58 W	10	24	24	0			
COLUMBIA 2 SSE	1929	02	GOOCHLAND	37 44	78 9 W	290	84	88	0	JULY		C
CONCORD 5 S	1955	03	CAMPBELL	37 17	78 58 W	650	0	37	0			
COPPER HILL 1 NNE	1999	06	FLOYD	37 6	80 8 W	2720	0	45	0			
CORBIN	2009	02	CAROLINE	38 12	77 22 W	220	28	28	0			H
COVINGTON	2041	05	ALLEGHANY	37 48	80 0 W	1245	0	49	0			
COVINGTON FILT PLANT	2044	05	ALLEGHANY	37 48	80 0 W	1230	26	26	0			C
CRAIGSVILLE 2 S	2064	05	AUGUSTA	38 3	79 23 W	1780	0	24	0			
CROZIER	2142	02	GOOCHLAND	37 38	77 48 W	300	11	48	0			
CULPEPER	2155	04	CULPEPER	38 28	78 0 W	420	77	79	0	FEB		
CUMBERLAND	2160	02	CUMBERLAND	37 30	78 15 W	460	0	8	0			
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56 W	1400	104	106	0			C H
DANVILLE-BRIDGE ST	2245	03	PITTSYLVANIA	36 35	79 23 W	410	69	96	0			
DRIVER 4 NE	2504	01	NANSEMOND	36 53	76 29 W	20	0	44	0			
EARLEHURST	2600	05	ALLEGHANY	37 40	80 14 W	2040	0	11	0			
EMPORIA 1 WNW	2790	01	GREENSVILLE	36 41	77 33 W	100	4	56	0			
FARMVILLE 2 N	2941	02	CUMBERLAND	37 20	78 23 W	450	65	67	0			
FLOYD 2 NE	3071	06	FLOYD	36 56	80 18 W	2600	54	54	0			
FREDERICKSBURG NATL PK	3192	01	SPOTSYLVANIA	38 19	77 27 W	90	93	95	0			
FREE UNION	3213	03	ALBEMARLE	38 9	78 34 W	570	0	32	0			
GALAX RADIO WBOB	3267	06	CARROLL	36 40	80 55 W	2385	32	43	0			H
GATHRIGHT DAM	3310	05	ALLEGHANY	37 57	79 57 W	1770	8	8	0			
GLASGOW 1 SE	3375	05	ROCKBRIDGE	37 37	79 26 W	740	0	20	0			
GLEN LYN	3397	06	GILES	37 22	80 52 W	1520	48	73	0			H
GORDONSVILLE 3 S	3466	02	LOUISA	38 5	78 11 W	460	0	26	0			
GOSHEN	3470	05	ROCKBRIDGE	37 59	79 30 W	1350	0	47	0			
GRUNDY	3640	06	BUCHANAN	37 16	82 5 W	1170	26	36	0			H

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
HILLSVILLE 1 S	3991	06	CARROLL	36 44	80 44W	2590	0	44	0			
HOLCOMBS ROCK	4039	09	BEDFORD	37 30	79 16W	375	0	27	0			
HOLLAND 1 E	4044	01		36 41	76 47W	80	54	54	0			
HOPEWELL	4101	01	PR GEORGE	37 18	77 18W		94	99	0			
HOT SPRINGS	4128	05	BATH	38 0	79 50W	2238	93	95	0			
HUDDLESTON 4 SW	4148	03	BEDFORD	37 8	79 32W	970	0	37	0			C H
INDEPENDENCE 2	4234	06	GRAYSON	36 39	81 10W	2610	0	34	0			
JOHN W FLANNAGAN LAKE	4410	06	DICKENSON	37 14	82 21W	1462	0	18	0			C
JOHN H KERR DAM	4414	02	MECKLENBURG	36 36	78 17W	260	38	38	35			C
KERRS CREEK 6 WNW	4565	05	ROCKBRIDGE	37 51	79 35W	1500	0	25	0			
KEYSVILLE 8 N	4568	02	PRINCE EDWARD	37 10	78 31W	550	0	8	0			
KILMARNOCK 1 N	4600	01	LANCASTER	37 43	76 23W	60	8	8	0			
LAFAYETTE 1 NE	4676	06	MONTGOMERY	37 14	80 13W	1380	0	36	0			
LANGLEY AFB	4720	01		37 5	76 21W	101	101	150	0			
LAWRENCEVILLE 5 W	4768	02	BRUNSWICK	36 46	77 56W	300	41	41	0			
LEXINGTON	4876	05	ROCKBRIDGE	37 47	79 26W	1060	108	115	0			H
LINCOLN	4909	04	LOUDOUN	39 7	77 43W	500	85	86	0			H
LOUISA	5050	02	LOUISA	38 2	78 0W	420	71	71	0			H
LURAY 5 E	5096	04	PAGE	38 40	78 23W	1200	45	45	0			H
LYNCHBURG WSO AP	5120	03	CAMPBELL	37 20	79 12W	916	115	115	0			C H J
MANASSAS 3 NW	5213	04	PR WILLIAM	38 47	77 30W	330	39	70	0			
MARION EVAP STATION	5271	06	SMYTH	36 49	81 31W	2100	27	27	27			
MARTINSVILLE FILT PL	5300	03	HENRY	36 42	79 53W	760	48	56	0			
MATHEWS 2 ENE	5338	01	MATHEWS	37 27	76 17W	5	36	36	0			H
MC DOWELL 3 W	5416	05	HIGHLAND	38 21	79 32W	2400	0	7	0			
MEADOWS OF DAN 5 SW	5453	03	PATRICK	36 40	80 27W	1500	0	37	0			
MILLGAP 2 NNW	5595	05	HIGHLAND	38 21	79 43W	2520	0	11	0			C
MILL RUN FARM	5599	05	BATH	38 13	79 44W	2080	0	4	0			
MONTEBELLO 2 NE	5685	03	NELSON	37 53	79 8W	2680	0	49	0			
MONTEREY	5698	05	HIGHLAND	38 25	79 35W	2920	45	61	0			H
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	780	5	5	0	JAN		
MOUNTAIN GROVE	5756	05	BATH	38 6	79 53W	1767	0	11	0			
MT LAKE BIOLOGICAL STA	5828	06	GILES	37 23	80 32W	3870	16	16	0			H
MOUNT WEATHER	5851	04	LOUDOUN	39 4	77 53W	1720	82	83	0			C
NEW CASTLE	6012	05	CRAIG	37 30	80 6W	1310	0	49	0			H
NEWPORT 2 NNW	6046	06	GILES	37 19	80 31W	2060	0	41	0			
NORFOLK WSO AP	6139	01		36 54	76 12W	22	41	41	0			C H J
NORTH FORK LAKE	6173	06	WISE	37 8	82 38W	1675	0	18	0			
OYSTER 1 W	6456	01	NORTHAMPTON	37 17	75 56W	27	50	50	0			
PAINTER 2 W	6475	01	ACCOMACK	37 35	75 49W	30	31	31	0			C
PALMYRA 1 E	6491	02	FLUVANNA	37 52	78 15W	410	0	30	0			
PEDLAR DAM	6593	03	AMHERST	37 40	79 17W	1013	0	52	0			
PENNINGTON GAP	6626	06	LEE	36 45	83 3W	1510	54	54	0			
PETERSBURG	6656	02		37 14	77 24W	15	0	8	0		AUG	
PHILPOTT DAM 2	6692	03	HENRY	36 47	80 2W	1123	34	34	34			C
PIEDMONT RESEARCH STN	6712	04	ORANGE	38 13	78 7W	515	39	40	14			C
PILOT 1 ENE	6723	06	MONTGOMERY	37 4	80 21W	2180	0	45	0		DEC	
PINEY RIVER 2 SE	6747	03	AMHERST	37 42	79 0W	750	11	11	0		MAY	
POWHATAN	6906	02	POWHATAN	37 33	77 56W	370	0	27	0			
PULASKI 2 E	6955	06	PULASKI	37 3	80 45W	1850	26	26	0			C
RADFORD	6999	06		37 8	80 33W	1730	0	19	0			
RANDOLPH 5 NNE	7025	03	CHARLOTTE	36 59	78 42W	350	0	79	0		MAR	C
RICHARDSVILLE	7164	04	CULPEPER	38 24	77 44W	345	46	46	0			C
RICHMOND WSO AP	7201	02	HENRICO	37 30	77 20W	164	49	49	0			C H J

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
ROANOKE WSO AP # R	7285	05	ROANOKE	37 19	79 58 W	1149	52	54	0			C H J
ROCKFISH	7312	03	NELSON	37 48	78 45 W	485	0	49	0			
ROCKY MOUNT	7338	03	FRANKLIN	37 00	79 54 W	1233	93	93	0			C
ROSELAND 1 NNW	7402	03	ROSELAND	37 48	78 53 W	880	0	1	0	MAY		
SOUTH BOSTON	7925	03	HALIFAX	36 42	78 53 W	340	31	31	0			
SPEEDWELL	7971	06	WYTHE	36 49	81 10 W	2340	0	46	0			
STAFFORDSVILLE 3 ENE	8022	06	GILES	37 16	80 43 W	1950	17	35	0			
STAUNTON SEWAGE PLANT	8062	05	AUGUSTA	38 9	79 2 W	1385	94	100	0			C H
STERLING (RCS)	8084	04	LOUDOUN	38 59	77 28 W	280	10	10	0			
STONY CREEK 3 ESE	8129	01	SUSSEX	36 55	77 21 W	70	28	28	0			C
STUART 1 SSE	8170	03	PATRICK	36 38	80 16 W	1455	27	27	0			
SUFFOLK LAKE KILBY	8192	01		36 44	76 36 W	22	40	40	0			
TANGIER ISLAND	8323	01	ACCOMACK	37 50	76 0 W	55	34	34	0			
THE PLAINS 2 NNE	8396	04	FAUQUIER	38 54	77 45 W	530	0	41	0			C
TIMBERVILLE 3 E	8448	05	ROCKINGHAM	38 39	78 43 W	1000	44	55	0			
TROUT DALE 3 SSE	8547	06	GRAYSON	36 40	81 24 W	2820	0	51	0			C
TYE RIVER 1 SE	8600	03	NELSON	37 38	78 56 W	720	24	48	0			
VIENNA DUNN LORING	8737	04	FAIRFAX	38 54	77 13 W	418	0	38	0			
WAKEFIELD 2	8800	01	SUSSEX	36 59	77 0 W	90	12	12	0			
WALKERTON 2 NW	8829	01	KING & QUEEN	37 45	77 3 W	50	53	54	0			
WALLACETON LK DRUMMOND	8837	01		36 36	76 26 W	25	0	60	0			
WARRENTON 3 SE	8888	04	FAUQUIER	38 41	77 46 W	500	36	36	0			H
WARSAW 2 NW	8894	01	RICHMOND	37 59	76 46 W	140	36	36	0			H H J
WASH DULLES WSO AP	8903	04	LOUDOUN	38 57	77 27 W	290	25	25	0			
WASH NATL WSCMO AP	8906	04	ARLINGTON	38 51	77 2 W	10	46	46	0			C H J
WEST AUGUSTA	8975	05	AUGUSTA	38 16	79 19 W	1890	0	7	0			
WEST POINT 2 SW	9025	01	NEW KENT	37 31	76 50 W	18	33	33	0			H
WILLIAMSBURG 2 N	9151	01	YORK	37 18	76 42 W	70	36	41	0			C
WILLIS	9169	06	FLOYD	36 51	80 29 W	2900	0	8	0			
WINCHESTER "WINC"	9181	04	FREDERICK	39 11	78 9 W	720	5	5	0	JAN		
WINCHESTER 3 ESE	9186	04	FREDERICK	39 11	78 7 W	680	81	80	0			H
WINTERPOCK 4 W	9213	02	CHESTERFIELD	37 20	77 39 W	300	0	8	0			
WISE 1 SE	9215	06	WISE	36 58	82 34 W	2570	32	32	0			C H H
WOODSTOCK 2 NE	9263	04	SHENANDOAH	38 54	78 28 W	660	88	94	0			
WOOLWINE	9272	03	PATRICK	36 43	80 17 W	1520	0	36	0			C
WYTHEVILLE 1 S	9301	06	WYTHE	36 56	81 5 W	2450	83	113	0			C

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

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DEFINITIONS

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

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

NORMALS: The average value of the meteorological element over the time period - 1951-1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

TEMPERATURE EXTREMES AND FREEZE DATA: Spring minimum dates are obtained from data for January through June; Fall dates are from July through December data. "NONE" indicates temperature threshold not reached. "MSG" indicates available data insufficient to determine date.

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

SOIL TEMPERATURE EXTREMES: The highest and lowest MAX and MIN temperature for each month and the year.

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

SYMBOLS AND LETTERS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.
- * Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known.
- // Rain gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to monthly bulletins to determine date of last reading. (HAWAII stations)
- B Estimated total value for wind, evaporation, or cooling degree days.
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing.
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month(s). (See * above)
- Z Same as M but the Z has overprinted a Negative sign or leading digit (eg. Z14.6 = M-14.6, Z08.2 = M108.2).

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

Thermometers located in a rooftop shelter.

C Station is equipped with a recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.

G Observations appear in "Soil Temperatures" table.

H Observations appear in "Snowfall and Snow on Ground" table in Monthly "Climatological Data" publications.

J Station also published as a "Local Climatological Data" bulletin.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of "Climatological Data".

Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

The graphic displays appearing in this publication were first produced for the 1986 annual. The types of graphs and the information they portray may vary from year to year and from state to state in order to highlight climatic features of state, regional, and historical interest. Some graphs present information for "clusters". A cluster is a group of up to four (4) adjacent divisions that comprise an area of similar climate.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Similar historical information for regular National Weather Service Offices is available from the "Local Climatological Data" annual bulletin.

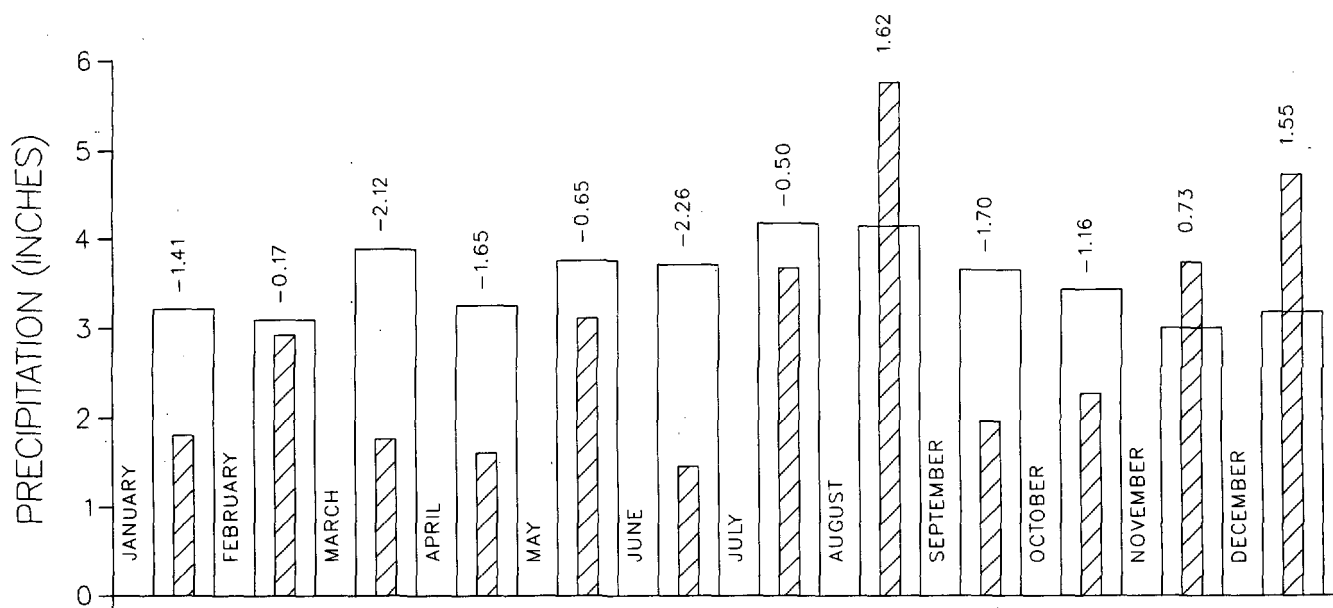
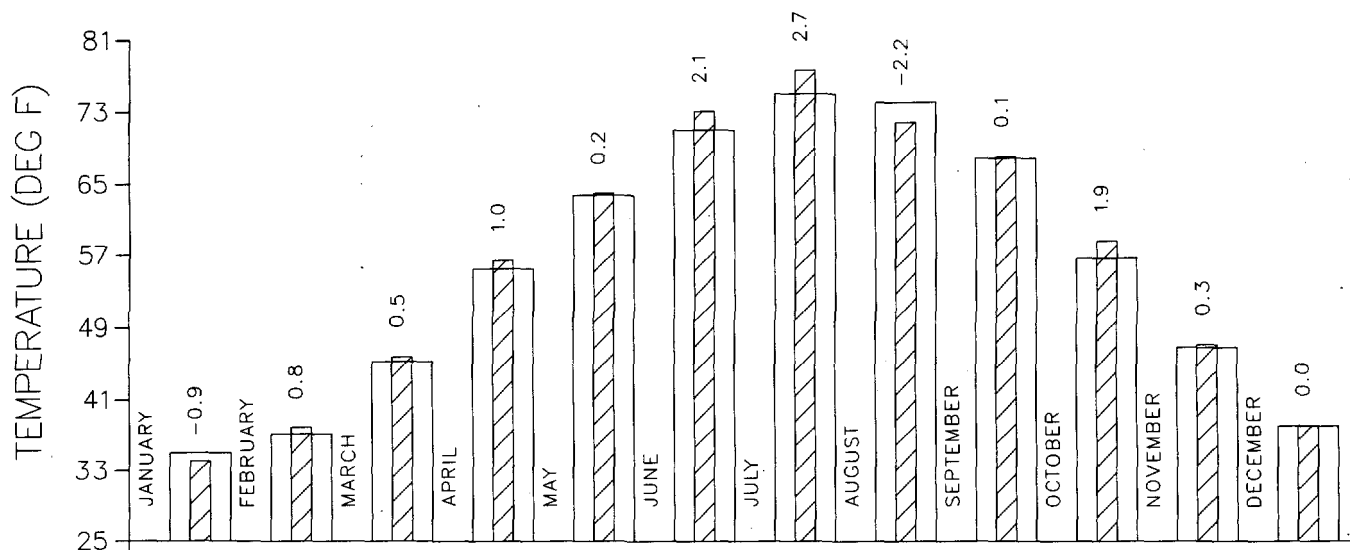
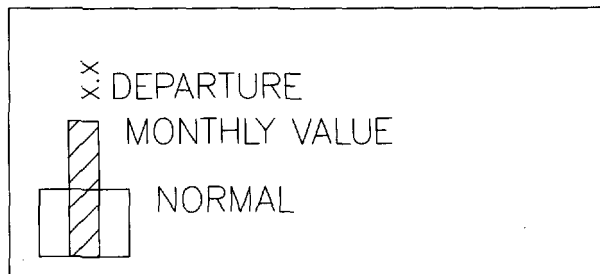
Additional Information regarding the climate of this state may be obtained by writing to the address below or to any weather service office near you. The contents of this publication may be reprinted or otherwise used freely with proper credit to the National Climatic Data Center, Asheville, NC.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:

NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N. C. 28801-2696

TEMPERATURE AND PRECIPITATION AREALLY WEIGHTED STATE AVERAGES AND DEPARTURES FROM NORMAL (1951-1980) FOR 1986

VIRGINIA



MONTHS

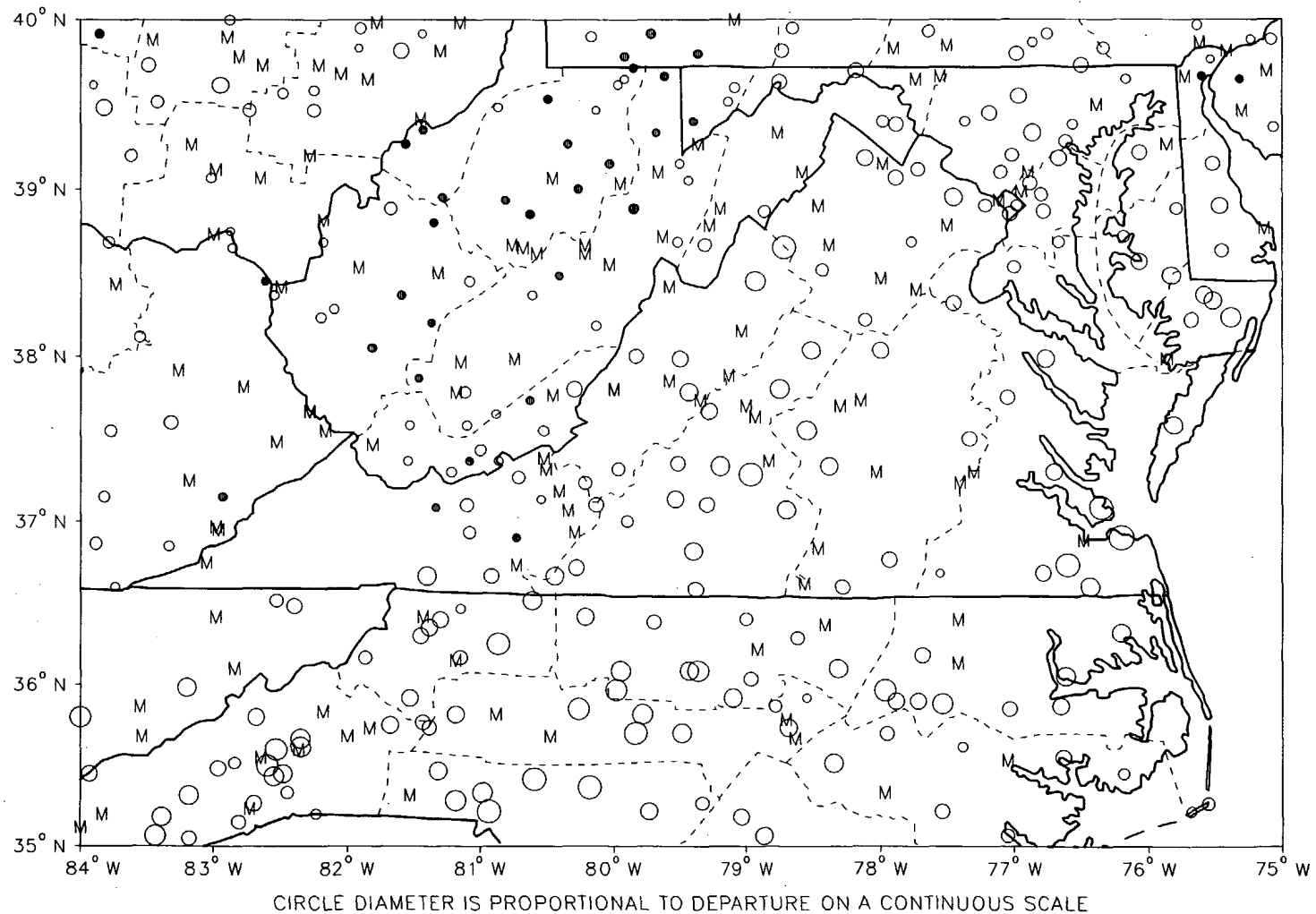
CUMULATIVE ANNUAL PRECIPITATION DEPARTURE FROM INDIVIDUAL STATION NORMALS (1951-1980) FOR 1986 VIRGINIA

M INCOMPLETE DATA FOR THE PERIOD

▽ EXACTLY NORMAL

○ ○ ○ ○ 5,10,20,... 50% OR MORE BELOW NORMAL

● ● ● ● 10,20,40,...100% OR MORE ABOVE NORMAL



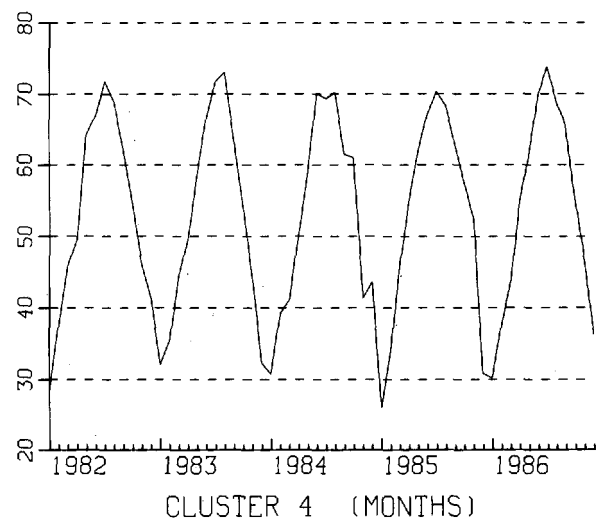
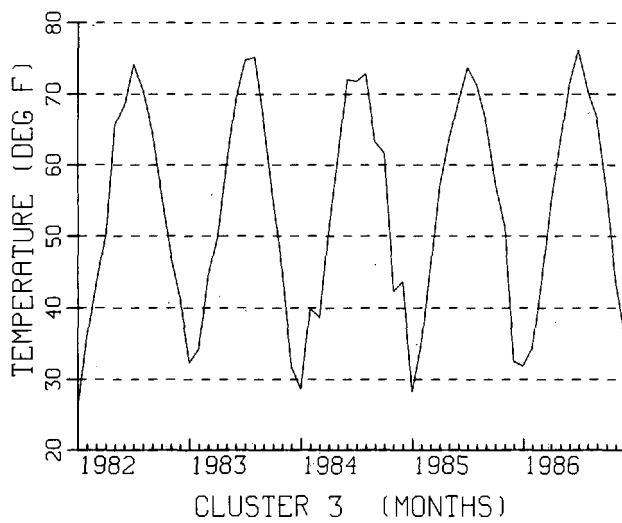
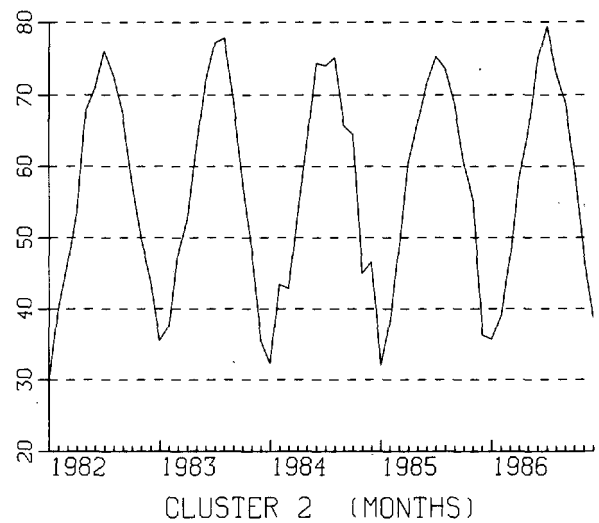
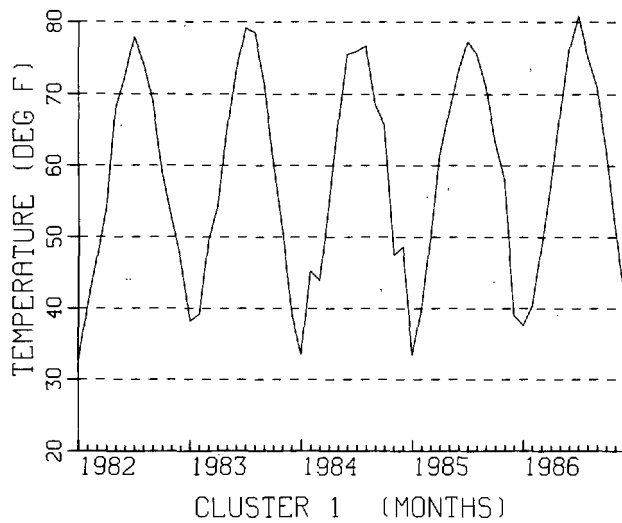
MONTHLY TEMPERATURE FOR THE LAST 60 MONTHS ENDING DECEMBER 1986 VIRGINIA

CLUSTER 1 -DIVISION(S):
TIDEWATER 01

CLUSTER 2 -DIVISION(S):
EASTERN PIEDMONT 02
WESTERN PIEDMONT 03

CLUSTER 3 -DIVISION(S):
NORTHERN 04
CENTRAL MOUNTAIN 05

CLUSTER 4 -DIVISION(S):
SOUTHWESTERN MOUNTAIN 06



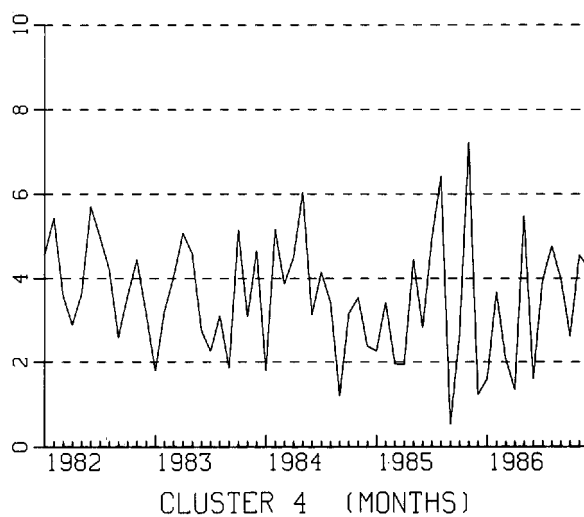
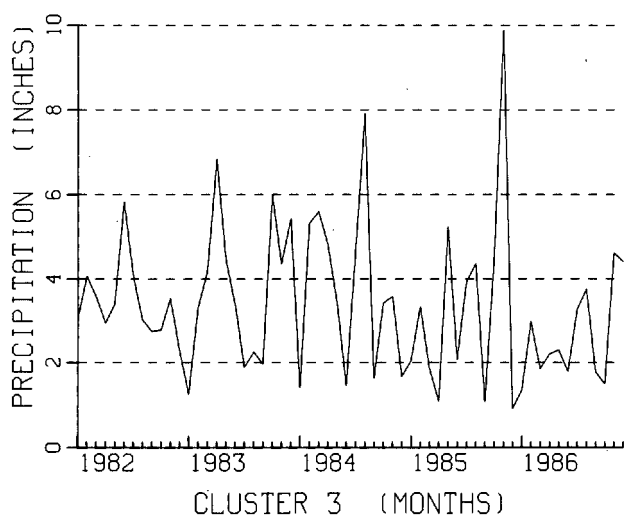
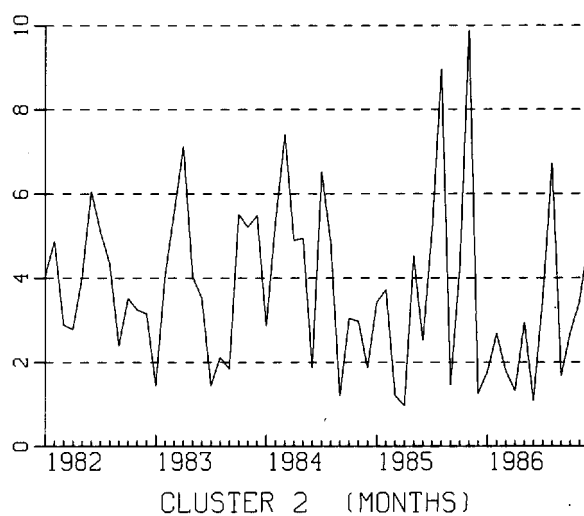
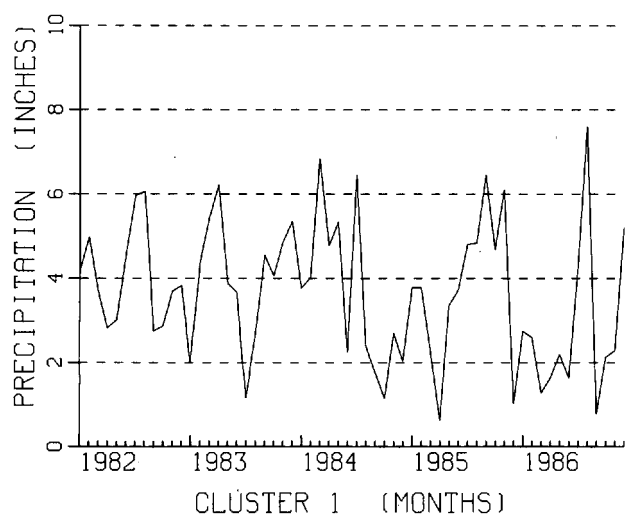
MONTHLY PRECIPITATION FOR THE LAST 60 MONTHS ENDING DECEMBER 1986 VIRGINIA

CLUSTER 1 -DIVISION(S):
TIDEWATER 01

CLUSTER 2 -DIVISION(S):
EASTERN PIEDMONT 02
WESTERN PIEDMONT 03

CLUSTER 3 -DIVISION(S):
NORTHERN 04
CENTRAL MOUNTAIN 05

CLUSTER 4 -DIVISION(S):
SOUTHWESTERN MOUNTAIN 06



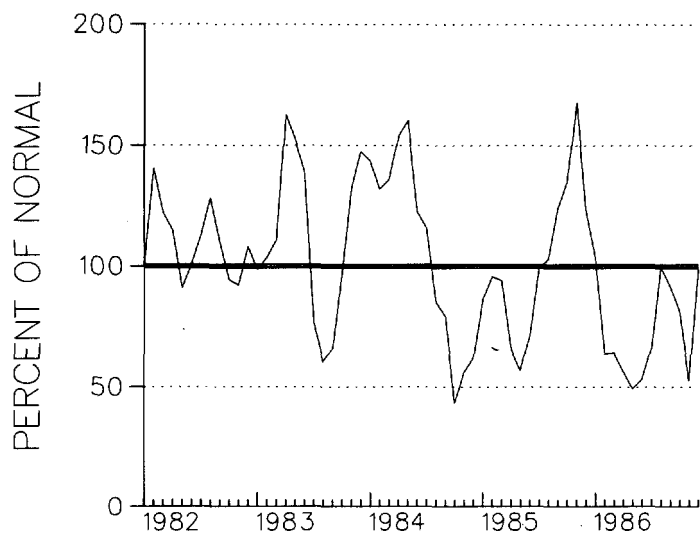
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980) THREE MONTH RUNNING MEAN FOR THE 60 MONTHS ENDING WITH DECEMBER 1986 DATA VIRGINIA

CLUSTER 1 -DIVISION(S):
TIDEWATER 01

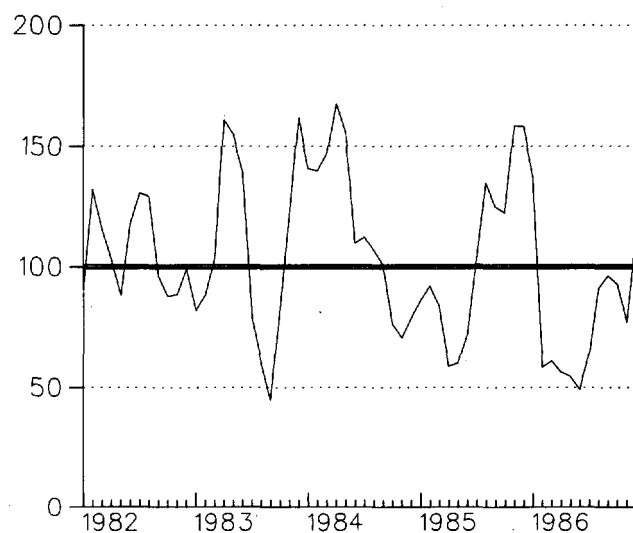
CLUSTER 2 -DIVISION(S):
EASTERN PIEDMONT 02
WESTERN PIEDMONT 03

CLUSTER 3 -DIVISION(S):
NORTHERN 04
CENTRAL MOUNTAIN 05

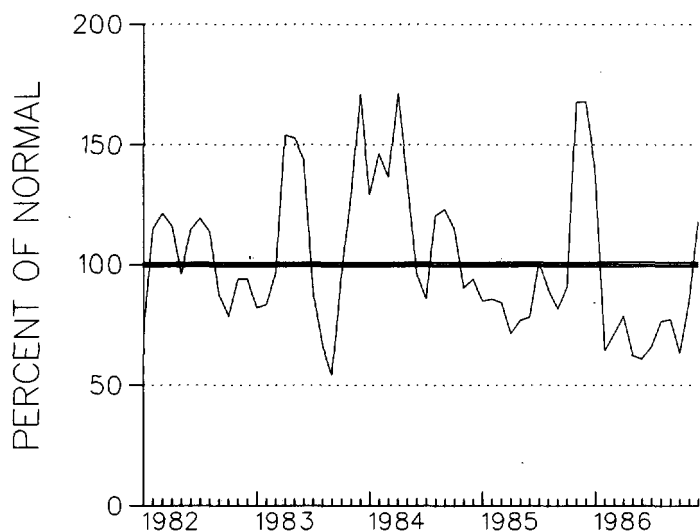
CLUSTER 4 -DIVISION(S):
SOUTHWESTERN MOUNTAIN 06



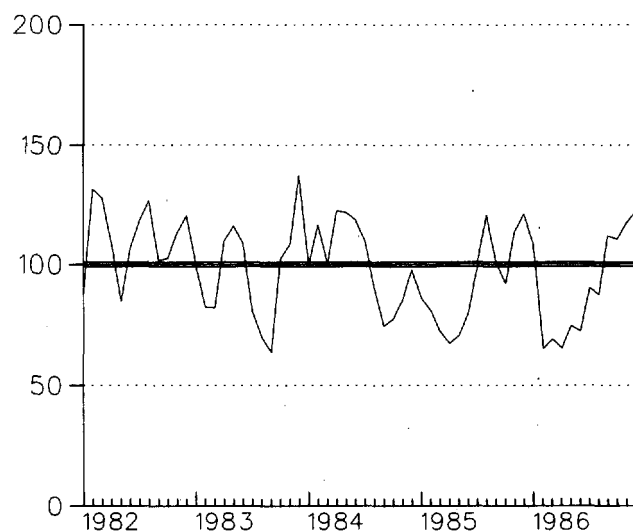
CLUSTER 1



CLUSTER 2



CLUSTER 3



CLUSTER 4

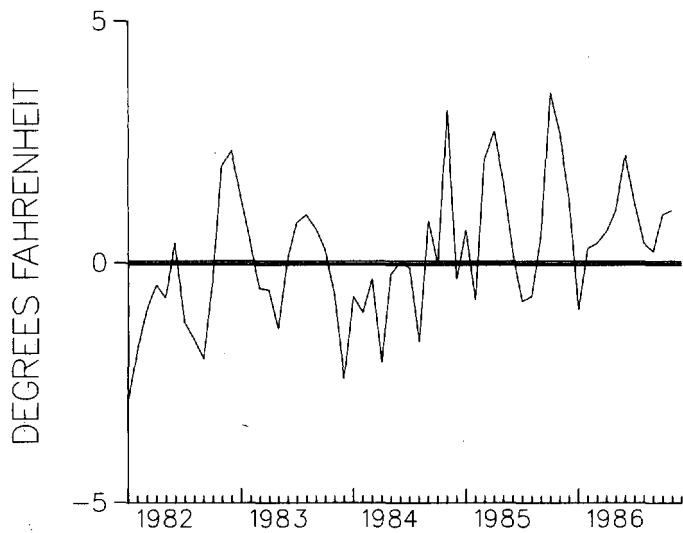
TEMPERATURE DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1986 DATA
VIRGINIA

CLUSTER 1 -DIVISION(S):
TIDEWATER 01

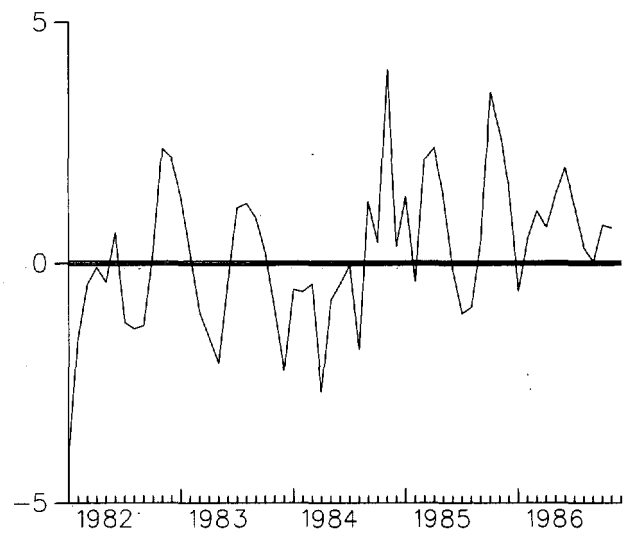
CLUSTER 2 -DIVISION(S):
EASTERN PIEDMONT 02
WESTERN PIEDMONT 03

CLUSTER 3 -DIVISION(S):
NORTHERN 04
CENTRAL MOUNTAIN 05

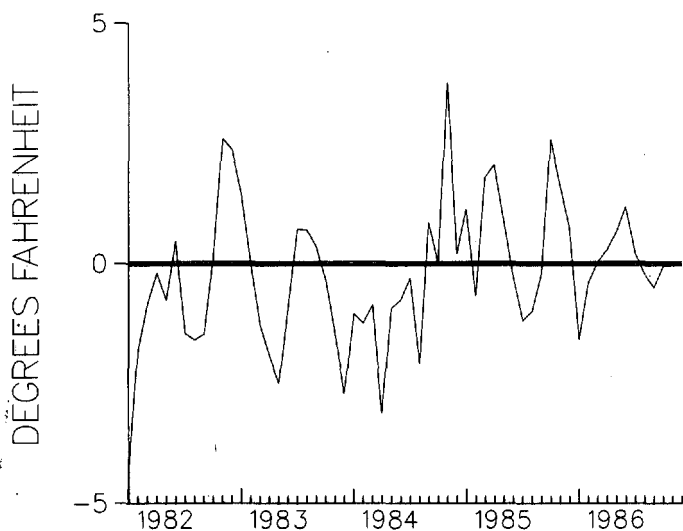
CLUSTER 4 -DIVISION(S):
SOUTHWESTERN MOUNTAIN 06



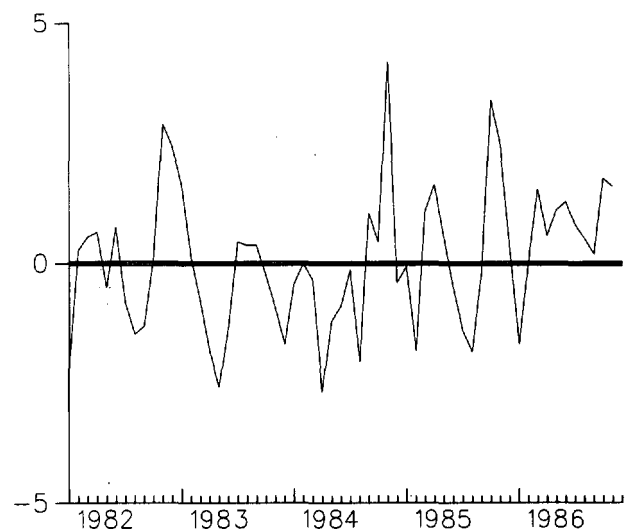
CLUSTER 1



CLUSTER 2



CLUSTER 3



CLUSTER 4

44 - VIRGINIA & D.C.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLEL AT 29.5 AND 45.5 DEGS.

STATUTE MILES
0 5 10 20 30 40 50

STATION LEGEND

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- ▲ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

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

DIVISIONS

- 1 TIDEWATER
- 2 EASTERN PIEDMONT
- 3 WESTERN PIEDMONT
- 4 NORTHERN
- 5 CENTRAL MOUNTAIN
- 6 SOUTHWESTERN MOUNTAIN

STATUTE MILES

20 30 40 50

DATA PUBLISHED IN:

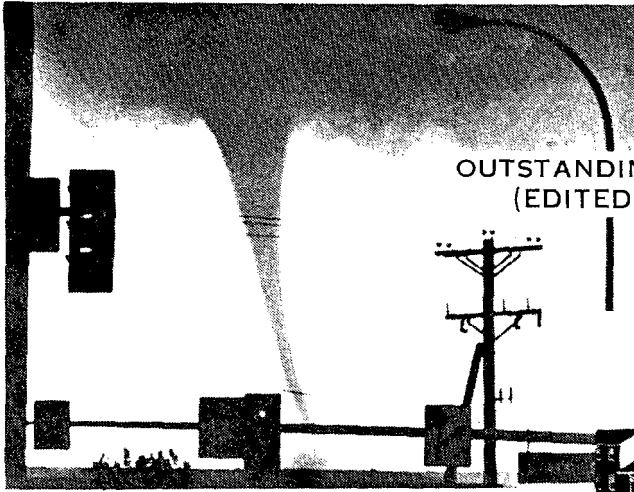
- For further information, refer to the station index and references notes.

DIVISIONS

- 1 TIDEWATER
2 EASTERN PIEDMONT
3 WESTERN PIEDMONT
4 NORTHERN
5 CENTRAL MOUNTAIN
6 SOUTHWESTERN MOUNTAIN

NOCC-UPDATED MAY 15

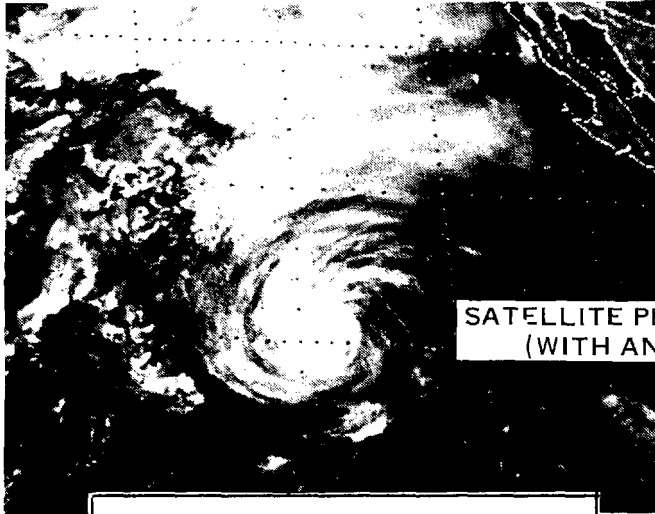
STORM DATA



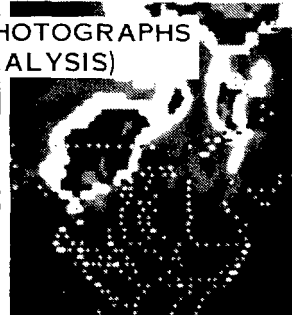
OUTSTANDING STORM OF THE MONTH
(EDITED BY DR. T.T. FUJITA)



DESCRIPTIVE PHOTOGRAPHS
(WITH NARRATIVE DETAILS)



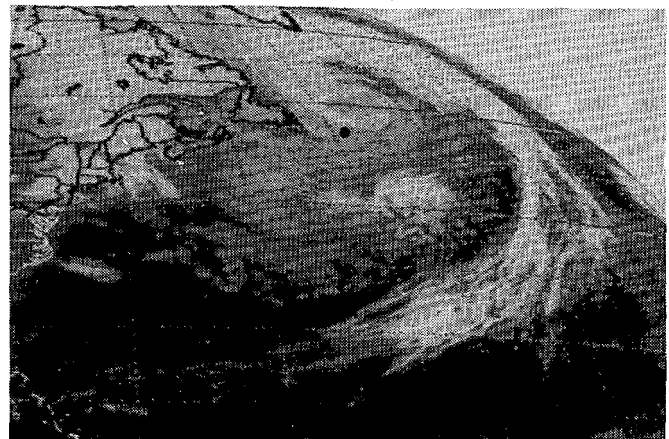
SATELLITE PHOTOGRAPHS
(WITH ANALYSIS)



A MONTHLY STATE BY STATE
SUMMARY OF DAMAGE, INJURY
AND DEATH STATISTICS

DETAILED INFORMATION
ON ALL REPORTED STORMS
AND UNUSUAL WEATHER
PHENOMENA

MAPS CLEARLY TRACE
STORM PROGRESSION



VALIDATED BY:

Charlie Aiken
Emily Atkins
Ted Burlew
Betty Edstrom
Bruce Emory
Joyce Morgan
Betty Shuford

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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