

CLIMATOLOGICAL DATA ANNUAL SUMMARY

VIRGINIA

1987

VOLUME 97 NUMBER 13



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NATIONAL CLIMATIC DATA CENTER, ASHEVILLE NORTH CAROLINA"
28801

Kenneth D. Walden

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1987

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	M 11.70		M 1.84		M 3.04		.88		2.58		2.44	
COLONIAL BEACH	3.68		1.75		2.61		4.77		4.48		4.37	
DRIVER 4 NE												
EMPORIA 1 WNW	10.24	7.00	3.56	.27	3.38	-.08	8.51	5.61	.66	-3.23	2.07	-1.41
FREDERICKSBURG NATL PK	5.18	2.07			2.68	-1.16	4.96	1.90	4.29	-.82	3.85	-.21
HOLLAND 1 E	8.01	3.96	3.25	-.30	3.32	-.64	4.82	1.77	1.91	-2.12	2.62	-1.65
HOPEWELL	6.35	2.78	2.73	-.52	2.37	-1.31	7.64	4.47	1.21	-2.61	2.57	-.89
KILMARNOCK 1 N	7.63		1.83		2.92		4.87		3.93		5.04	
LANGLEY AFB	8.69	4.97	2.40	-1.09	3.50	-.76	3.36	.52	3.61	-.16	7.54	3.80
MATHEWS 2 ENE	7.72		2.07		3.03		3.22		2.98		5.50	
NORFOLK WSO AP	9.93	6.21	3.11	-.17	2.30	-1.56	3.83	.96	2.65	-1.10	2.98	-.47
PAINTER 2 W	8.79	5.38	2.87	-.44	2.47	-1.66	2.90	-.02	1.44	-2.03	4.22	.71
STONY CREEK 3 ESE	8.15		2.22		3.40		6.92		.82		3.68	
SUFFOLK LAKE KILBY	9.05	5.15	3.83	.19	3.03	-1.08	2.84	-.11	1.97	-1.84	3.98	-.06
TANGIER ISLAND	M 6.65		M 2.48		1.56		2.02		3.85		2.43	
WAKEFIELD 2	M 7.09		4.75		1.93		6.28		2.83		8.08	
WALKERTON 2 NW	6.27	2.95	2.10	-1.08	2.37	-1.30	5.29	2.35	3.08	-.78	8.32	4.29
WALLACETON LK DRUMMOND	10.61	6.58	5.32	1.68	1.87	-2.15	5.36	2.15	2.94	-1.20	1.81	-2.19
WARSAW 2 NW	5.87	2.70	1.61	-1.13	2.35	-1.16	3.24	.28	3.50	-.51	5.33	1.64
WEST POINT 2 SW	M 7.37		2.32		2.82		4.81		2.43		6.46	
WILLIAMSBURG 2 N	8.16	4.42	2.39	-1.10	2.48	-1.74	4.24	1.26	4.44	.04	6.32	2.11
--DIVISIONAL DATA----->	7.58	4.07	2.67	-.56	2.70	-1.23	4.49	1.57	2.77	-.93	4.62	.92
EASTERN PIEDMONT 02												
AMELIA 4 SW	M 6.53		M 2.21		3.18		7.43		2.44		4.32	
ASHLAND	2.43	-.65	1.70	-1.38	2.35		5.95		2.90		5.26	
BREMO BLUFF	5.05	1.96	1.92	-1.02	2.72	-1.09	6.73	3.81	2.60	-1.13	3.01	-.59
BUCKINGHAM	6.77		3.53		2.89	-.83	6.23	3.08	4.29	.49	2.10	-1.22
CAMP PICKETT	4.86		3.60		3.69		7.86		1.60		1.62	
CHASE CITY	M 4.86		M 3.54	.15	1.70	-1.84	6.93	3.80	1.93	-1.50	1.12	-2.45
CLARKSVILLE	M 4.70		1.54		4.41	.62	7.14	3.97	1.89	-1.80	3.86	.25
CORBIN	M 6.32		1.07		2.66		6.81		4.43		6.93	
CROZIER	5.21		2.25		2.40		6.33		2.29		4.16	
CUMBERLAND	6.17	2.71	3.10	-.20	2.99		7.16		1.88		2.74	
FARMVILLE 2 N	4.76		1.67		3.73	-.16	6.44	3.28	1.50	-2.32	2.01	-1.62
GORDONSVILLE 3 S	6.78	3.38	3.03	-.22	3.05		8.06		2.96		3.43	
JOHN H KERR DAM	5.67		2.51		5.06	1.47	9.28	6.29	4.68	1.11	4.84	1.44
KEYSVILLE 8 N	M 3.98		M 3.29		1.88		3.94		1.26		.72	
LAWRENCEVILLE 5 W	5.60	2.53	1.72	-1.35	3.73	-.26	6.73	3.65	3.69	-.26	3.17	-.84
LOUISA	3.88		1.28		3.62	-.19	7.07	4.03	4.30	.91	5.35	1.41
PALMYRA 1 E	5.74		2.30		2.84		7.14		3.40		6.79	
POWHATAN	5.53	2.30	2.57	-.56	2.72		6.09		2.87		2.61	
RICHMOND WSO AP	6.86		2.65		1.65	-1.92	7.31	4.41	2.94	-.61	6.29	2.69
WINTERPOCK 4 W	5.56	2.24	2.27	-.92	2.33		6.05		1.70		1.65	
--DIVISIONAL DATA----->					3.04	-.72	7.07	3.98	2.94	-.72	4.01	.35
WESTERN PIEDMONT 03												
ALTAVISTA	3.94	.73	2.66	-.41	4.56	.96	11.57	8.65	.97	-2.84	2.79	-.46
APPOMATTOX	5.94	2.94	1.88	-1.20	3.43		7.23	3.90	1.79	-2.00	1.49	-1.91
BEDFORD	4.65	1.57	2.27	-.94	5.82	1.95	12.21	8.92	2.02	-1.78	2.56	-1.32
CHARLOTTE COURT HOUSE 3 W	5.52	2.27	2.51	-.65	3.06	-.74	6.72	3.46	1.20	-2.27	2.60	-1.13
CHARLOTTESVILLE 2 W	4.41	1.13	1.69	-1.49	3.08	-1.08	9.14	5.86	2.88	-1.29	6.47	2.56

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1987

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	M .60		3.28		4.55		1.30		2.65		3.00		M 43.20	
COLONIAL BEACH	3.33		2.24		5.81		1.72		2.84		5.60			
DRIVER 4 NE	M		M		M		M		M		M			
EMPORIA 1 WNW	1.51	-3.40	1.66	-2.76	6.73	3.08	2.90	-.06	3.31	.48	3.49	.10	48.02	5.60
FREDERICKSBURG NATL PK	1.45	-2.23	2.64	-1.77	5.99	2.63	2.95	-.25	5.63	2.59	3.41	.11		
HOLLAND 1 E	2.27	-2.95	5.56	.12	6.06	1.98	1.58	-2.46	3.67	.67	2.99	-.47	46.06	-2.09
HOPEWELL	2.45	-2.60	3.22	-1.40	4.82	.73	1.50	-2.13	3.34	.26	2.83	-.56	41.03	-3.78
KILMARNOCK 1 N	3.61		1.31		3.61		1.92		3.98		3.05		M 43.70	
LANGLEY AFB	3.61	-1.19	2.70	-2.07	3.44	-1.16	1.26	-2.13	4.82	1.91	3.42	.16	48.35	2.80
MATHEWS 2 ENE	1.83		2.27		2.28		1.84		3.94		2.84		39.52	
NORFOLK WSO AP	3.20	-1.95	2.04	-3.29	7.00	2.65	1.81	-1.60	3.51	.63	2.33	-.84	44.69	-.53
PAINTER 2 W	1.17	-2.93	.93	-3.35	1.95	-1.46	2.56	-1.01	3.06	.10	3.65	.28	36.01	-6.43
STONY CREEK 3 ESE	3.48		4.13		7.09		1.79		2.17		3.61		47.46	
SUFFOLK LAKE KILBY	4.05	-.94	7.43	2.23	8.57	4.29	1.13	-2.50	4.23	1.29	2.91	-.53	53.02	6.09
TANGIER ISLAND	2.76		.68		4.72		2.20		3.35		3.01		M 35.71	
WAKEFIELD 2	1.55		5.85		3.22		1.82		2.93		1.28		M 47.61	
WALKERTON 2 NW	2.79	-1.92	2.92	-1.94	4.28	.60	1.76	-1.64	3.47	-.01	3.23	-.17	45.88	1.35
WALLACETON LK DRUMMOND	1.54	-3.43	9.60	4.08M			1.52	-2.53	4.03	1.17	4.49	.89		
WARSAW 2 NW	3.29	-1.09	1.40	-2.93	4.07	-.12	1.19	-2.34	3.52	.22	2.97	-.23	38.34	-4.67
WEST POINT 2 SW	2.53		2.32		2.81		1.73		2.86		2.92		M 41.38	
WILLIAMSBURG 2 N	M .62		3.79	-.89	3.06	-1.36	1.88	-1.68	3.79	.58	3.09	-.34M	44.26	
--DIVISIONAL DATA----->	2.64	-1.88	2.97	-1.75	4.74	.80	1.83	-1.56	3.54	.51	3.24	-.04	43.79	-.08
EASTERN PIEDMONT 02														
AMELIA 4 SW	2.14		1.68		7.44		2.46		5.59		3.75			
ASHLAND	3.95		2.15		4.22		1.67		4.71		3.67		45.57	
BREMO BLUFF	3.08	-.42	1.74	-2.32	4.69	1.61	2.41	-1.23M			2.56	-.57		
BUCKINGHAM	4.82	1.06	1.14	-2.88	11.52	7.80	1.49	-2.06	4.94	1.99	3.26	.13	49.65	8.50
CAMP PICKETT	2.45		2.98		5.79		1.69		4.31		3.20		45.49	
CHASE CITY	5.45	-1.73	5.03	1.17	8.94	5.48	1.48	-1.99M	2.19		3.25	.07M	43.48	
CLARKSVILLE	1.77	-2.04	5.63	1.49	7.84	4.50	2.51	-.58	3.07	.09	3.82	.64		
CORBIN	1.19		3.51		5.52		2.35		4.30		3.22		47.16	
CROZIER	2.87		2.33		7.68		2.76		5.02		3.26		M 46.49	
CUMBERLAND	1.13		.97		11.95		2.35		5.25		3.13		47.01	
FARMVILLE 2 N	3.14	-1.10	.88	-3.19	9.48	6.10	2.34	-1.17	4.62	1.45	3.28	-.02	46.69	3.76
GORDONSVILLE 3 S	1.23		1.62		11.72		1.38		5.22		2.75		47.85	
JOHN H KERR DAM	1.20	-3.11	3.12	-.67	8.13	4.62	1.78	-1.64	4.02	.94	3.62	.40	55.54	14.01
KEYSVILLE 8 N	2.52		.82		7.35		2.55		1.19		2.64		M 33.05	
LAWRENCEVILLE 5 W	1.38	-2.68	2.97	-1.20	4.54	.70	.92	-2.65	4.28	1.15	2.64	-1.01M	41.32	
LOUISA	2.69	-1.17	1.27	-3.19	11.14	7.88	2.11	-1.52	6.07	2.91	2.99	-.40	53.93	11.85
PALMYRA 1 E	1.78		1.72		12.61		1.78		4.03		2.49		49.74	
POWHATAN	4.18		1.94		5.84		3.26		5.15		3.65		46.35	
RICHMOND WSO AP	R 1.20	-3.94	1.11	-3.90	4.43	.91	1.25	-2.49	3.13	-.16	2.86	-.53	40.27	-3.80
WINTERPOCK 4 W	1.21		4.09		5.58		1.67		3.80		3.08		40.67	
--DIVISIONAL DATA----->	2.56	-1.58	2.40	-1.96	6.83	3.14	1.94	-1.75	4.61	1.46	3.19	-.11	46.42	3.41
WESTERN PIEDMONT 03														
ALTAVISTA	1.68	-1.93	.59	-3.12	11.09	7.95	.72	-2.57	5.43	2.63	3.64	.60	49.64	10.19
APPOMATTOX	4.57	-.54	.65	-3.13	12.99	9.38	1.69	-1.75	4.83	1.77	3.97	.82M	50.46	
BEDFORD	3.60	-.47	.85	-3.10	9.64	6.24	.85	-2.71	3.68	.78	3.30	.21	51.45	9.35
CHARLOTTE COURT HOUSE 3 W	1.59	-2.12	.60	-3.39	9.42	5.76	1.72	-1.83	3.85	.95	3.65	.49	42.44	.80
CHARLOTTESVILLE 2 W	1.10	-3.41	1.55	-2.96	17.96	14.06M					2.40	-.95		

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VIRGINIA
1987

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
CHATHAM	M 2.03		2.02	-1.30	4.20	.04	9.53	5.99	.94	-2.95	5.02	-1.42
CONCORD 5 S	5.06	1.73	3.59	-.53	M 3.55		7.44	4.22	2.63	-.97	1.90	-1.64
DANVILLE-BRIDGE ST	4.92	1.49	3.04	-.28	5.30	1.29	8.25	4.80	2.80	-.93	M	
FREE UNION	M 1.07		2.18		2.75		9.82		2.07		3.96	
HUDDLESTON 4 SW	3.37	.19	2.69	-.38	4.61	.65	11.11	7.74	1.69	-1.82	2.83	-.41
LYNCHBURG WSO AP	R 4.35	1.29	3.33	.40	2.35	-1.34	7.95	5.05	3.15	-.50	.86	-2.61
MARTINSVILLE FILT PL												
MEADOWS OF DAN 5 SW	4.35	.33	4.16	.19	8.21	2.97	7.96	3.06	2.80	-1.88	3.64	-1.47
MONTEBELLO 2 NE	4.44	.72	1.91	-2.02	6.26	1.56	13.34	9.22	2.18	-2.29	2.00	-2.13
MONTICELLO	3.40		1.24		2.64		7.51		2.98		7.31	
PEDLAR DAM	4.36	1.12	2.34	-1.06	4.63	.24	10.13	6.58	2.76	-1.30	2.67	-1.09
PHILPOT DAM 2	4.15		3.91		6.15		10.78		2.82		3.97	
ROCKFISH	4.88	1.46	1.66	-1.67	3.99	-.25	7.36	3.81	3.65	-.33	1.32	-3.23
ROCKY MOUNT	4.13	.94	3.27	.08	5.62	1.59	11.70	8.09	1.41	-2.37	4.13	.60
ROSELAND 1 NNW	4.37		1.64		4.53		8.21		2.26		1.00	
SOUTH BOSTON	6.45		3.57		4.63		5.78		2.37		2.51	
STUART 1 SSE	4.29	M	3.65		5.04		10.29		1.76		3.65	
TYE RIVER 1 SE	5.08	1.77	1.98	-1.14	4.58	.54	8.84	5.50	2.53	-1.37	2.17	-1.49
WOOLWINE	4.82	.83	5.08	1.07	8.11	2.95	10.90	6.11	2.87	-1.84	3.69	-1.30
--DIVISIONAL DATA----->	4.77	1.48	2.56	-.71	4.37	.25	8.92	5.43	2.20	-1.71	3.56	-.21
NORTHERN 04												
BERRYVILLE	M 4.29	1.71	1.52	-.70	1.68	-1.42	3.90	.62	2.23	-1.39	1.80	-2.10
BIG MEADOWS	4.66		1.70	-1.36	4.00	-.20	11.48	7.65	5.70	1.22	6.32	2.00
LINCOLN	3.94	1.00	.92	-1.72	2.16	-1.72	6.57	3.10	2.40	-1.61	4.83	.57
LURAY 5 E	M 3.73		1.24	-1.15	M 2.53		7.81	4.92	M 3.82	.38	2.08	-1.51
MANASSAS 3 NW												
MOUNT WEATHER	M 3.61		.96		M 2.56	-.56	6.96	3.61	M 2.35	-1.77	3.18	-1.28
PIEDMONT RESEARCH STN	M 5.22	2.43	1.58	-1.00	M 2.88	-.81	7.62	4.55	M 4.65	.95	2.13	-1.56
RICHARDSVILLE												
STERLING (RCS)	M 4.33		1.19		M 2.06		4.94		M 2.29		4.29	
THE PLAINS 2 NNE	4.39		1.63		2.42		6.21		2.79		3.98	
VIENNA DUNN LORING	4.48	1.52	1.98	-.73	1.86	-1.85	4.09	.71	3.09	-.83	5.49	1.38
WARRENTON 3 SE	4.20	1.18	1.18	-1.43	2.46	-1.04	5.17	1.95	2.48	-1.06	6.09	2.26
WASH DULLES WSO AP	4.53	1.70	2.47	-.17	1.46	-1.97	4.61	1.47	2.33	-1.29	3.38	-.85
WASH NATL WSCMO AP	R 4.90	2.14	2.11	-.51	1.54	-1.92	2.28	-.65	2.54	-.94	3.90	.55
WINCHESTER "WINC"	3.04		1.01		1.43		6.30		2.41		3.17	
WINCHESTER 3 ESE	3.76	1.26	1.97	-.39	1.60	-1.68	7.07	3.83	3.27	-.33	M	
WOODSTOCK 2 NE	4.43	2.03	1.59	-.39	1.82	-1.10	5.23	2.38	4.39	1.16	2.82	-.66
--DIVISIONAL DATA----->	4.26	1.44	1.54	-.96	2.14	-1.32	6.15	2.94	3.14	-.59	3.67	-.22
CENTRAL MOUNTAIN 05												
BUENA VISTA	M 2.93		2.11	-.91	2.79	-.95	11.52	8.69	1.13	-2.22	.89	-2.38
COVINGTON	4.05	1.63	M 2.50		3.13	-.25	7.39	4.65	2.75	-.63	2.05	-1.18
COVINGTON FILT PLANT							7.92		3.59		1.83	
CRAIGSVILLE 2 S	3.55		1.51		4.14		7.44		4.78		2.25	
DALE ENTERPRISE	2.92	.93	1.52	-.55	1.79	-1.08	6.01	3.44	2.76	-.60	2.44	-.83
EARLEHURST	4.16		3.90		3.94		7.71		2.60		2.31	
GATHRIGHT DAM	4.13		2.54		3.02		7.11		2.35		2.44	
GLASGOW 1 SE	5.08		2.84		7.10		13.74		2.89		2.67	
GOSHEN	4.70	1.78	2.72	-.15	5.68	1.66	9.29	6.14	3.87	.10	.97	-2.58
HOT SPRINGS	4.41	1.37	2.82	-.12	3.95	-.17	8.29	4.98	2.15	-1.70	3.22	-.45
KERRS CREEK 6 WNW	2.45		.27		4.51		9.00		4.98		1.27	
LEXINGTON	M 4.40		2.80	-.09	3.18	-.61	9.34	6.47	2.93	-.40	1.98	-1.38
MC DOWELL 3 W	2.94		2.48		3.33		5.17		4.38		1.88	
MILLGAP 2 NNW	3.80		2.60		2.84		6.71		3.27		2.58	
MONTEREY	M 3.98		2.91	.01	2.73	-1.12	7.25	3.78	5.22	1.57	3.50	-.38

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
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STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
CHATHAM	2.02	-1.92	1.14	-2.66	10.52	6.73	.59	-2.96	3.84	.75	3.68	.29	45.53	
CONCORD 5 S	4.82	-1.05	.31	-3.20	10.93	7.45	.72	-2.97	5.16	2.02	2.99	-.15	49.10	
DANVILLE-BRIDGE ST	5.64	1.58	1.00	-3.04	7.85	4.17	1.04	-2.19	3.03	.21	3.49	.18		
FREE UNION					16.98		1.23		4.73		2.14			
HUDDLESTON 4 SW	2.76	-.91	.37	-3.24	10.21	6.64	.75	-2.73	4.80	1.82	3.25	.15	48.44	7.70
LYNCHBURG WSO AP	2.98	-.87	.99	-2.70	7.36	4.13	.67	-2.69	3.92	1.00	3.38	.22	41.29	1.38
MARTINSVILLE FILT PL							.95	-2.60	4.72	1.78	4.22	.82		
MEADOWS OF DAN 5 SW	3.90	-1.45	1.30	-3.73	13.79	8.56	.53	-4.03	4.94	1.23	3.09	-.86	58.67	2.92
MONTEBELLO 2 NE	3.63	-.74			11.17	6.95			5.26	1.03	2.80	-.92		
MONTICELLO	.55		1.42		14.39		1.01		3.69		.48		46.62	
PEDLAR DAM	3.76	-.56	2.14	-1.88	7.93	3.98	.93	-2.98	3.60	.21	2.50	-1.06	47.75	2.20
PHILPOTT DAM 2	5.36		1.90		14.83		.90		4.61		3.10		62.48	
ROCKFISH	2.42	-1.72	1.52	-2.72	17.38	13.12	1.02	-3.35	5.24	1.88	2.78	-.83	53.22	6.17
ROCKY MOUNT	5.40	1.28	2.80	-1.06	12.89	8.87	1.01	-2.73	4.35	1.56	2.98	-.17	59.69	16.68
ROSELAND 1 NNW	2.34		1.79		14.31		1.03		3.41		2.62		47.51	
SOUTH BOSTON	3.33		2.52		4.84		1.91		3.90		3.96		45.77	
STUART 1 SSE	7.59		2.74		9.81		1.41		4.69		2.79		57.71	
TYE RIVER 1 SE	2.25	-1.87	1.08	-2.69	15.35	11.80	1.16	-2.64	4.54	1.43	2.96	-.35	52.52	9.49
WOOLWINE	4.10	-.99	2.00	-2.39	10.90	5.18	1.11	-3.69	5.77	2.01	3.38	-.66	62.73	7.28
--DIVISIONAL DATA----->	3.79	-.42	1.48	-2.60	11.37	7.55	1.15	-2.50	4.13	1.11	3.38	.10	51.68	7.77
NORTHERN 04														
BERRYVILLE	5.17	1.52	2.80	-1.19	5.49	2.38	.78	-2.34	3.79	.93				
BIG MEADOWS	2.87	-1.18	2.66	-2.61	13.46	8.47	1.61	-3.57	5.07	.66	5.73	2.37	65.26	
LINCOLN	1.63	-2.31	1.79	-2.55	8.26	4.93	2.17	-.89	4.93	1.89	2.58	-.64	42.18	
LURAY 5 E	1.96	-1.61	1.71	-2.41	5.91	2.32	1.45	-2.14	3.24	.23	3.00	-.18	38.48	.05
MANASSAS 3 NW														
MOUNT WEATHER	1.41	-2.46	1.02	-3.03	7.29	3.83	2.57	-.89	3.95	.66	2.01	-.83	37.87	
PIEDMONT RESEARCH STN	1.74	-2.03	2.79	-1.65	11.15	7.79	1.53	-2.28	6.41	3.32	2.84	-.26	50.54	9.45
RICHARDSVILLE														
STERLING (RCS)	1.55		1.53		8.47		2.59		5.36		2.32		40.92	
THE PLAINS 2 NNE	1.73		1.64		7.47		2.00		5.72		1.94		41.92	
VIENNA DUNN LORING	1.38	-2.88	1.36	-3.32	6.51	2.51	3.08	-.02	4.79	1.55	2.79	-.43	40.90	-2.39
WARRENTON 3 SE	1.94	-1.99					2.01	-1.13	5.89	2.91				
WASH DULLES WSO AP	3.04	-.71	.96	-3.20	8.11	4.85	2.51	-.50	5.02	2.03	2.35	-.94	40.77	.42
WASH NATL WSCMO AP	2.59	-1.29	2.07	-2.33	5.11	1.89	2.53	-.37	4.49	1.67	2.57	-.61	36.63	-2.37
WINCHESTER "WINC"	3.04		1.30		10.23		1.48		3.77		1.84		39.02	
WINCHESTER 3 ESE	3.95	-.06	2.11	-1.63	9.81	6.66	1.47	-1.50	3.39	.66	1.99	-.64		
WOODSTOCK 2 NE	1.68	-1.93	1.01	-2.46	8.60	5.38	1.50	-1.42	2.81	.51	2.39	.05	38.27	3.55
--DIVISIONAL DATA----->	2.51	-1.29	1.81	-2.36	8.49	4.99	1.86	-1.50	4.47	1.37	2.69	-.31	42.73	2.19
CENTRAL MOUNTAIN 05														
BUENA VISTA	3.86	.13	1.63	-1.61	8.45	5.41	.23	-3.49	1.85		1.39	-1.65	38.78	
COVINGTON	4.40	.85	.80	-2.76	6.18	3.42	.96	-1.94	2.70	.52	1.73	-.68	38.64	
COVINGTON FILT PLANT	5.26		.95		6.92		1.11		2.94		1.83			
CRAIGSVILLE 2 S	4.84		1.34		9.18		1.24		1.88		2.65		44.80	
DALE ENTERPRISE	1.44	-2.24	2.25	-1.65	9.71	6.48	1.02	-1.84	2.78	.37	2.50	.30	37.14	2.73
EARLEHURST	4.80		1.00		4.58		1.19		3.36		2.10		41.65	
GATHRIGHT DAM	2.79		1.28		7.96		1.08		3.09		2.36		40.15	
GLASGOW 1 SE	2.86		2.99		13.25		1.06		6.04		2.63		63.15	
GOSHEN	4.50	.70	.85	-2.62	10.76	7.31	1.28	-2.20	4.05	1.06	2.74	-.06	51.41	11.14
HOT SPRINGS	2.26	-1.89	2.14	-1.68	5.90	2.39	1.12	-2.41	3.04	.22	.70		40.00	
KERRS CREEK 6 NNW	4.49		1.39		11.39		1.33		3.64		2.44		47.16	
LEXINGTON	2.41	-1.25	1.37	-1.72	5.58		1.06	-2.19	3.07		1.96	-.96	40.08	
MC DOWELL 3 W	2.24		1.58		7.42		1.02		2.65		3.03		38.18	
MILLGAP 2 NNW	2.75		1.47		6.02		1.17		3.53		3.60		40.34	
MONTEREY	4.35	.60	1.33	-1.99	8.04	4.68	1.02	-2.37	4.05	1.37	3.28	.08	47.66	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1987

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
MOUNTAIN GROVE	2.72		2.28		M .64		5.76		2.68		3.19	
ROANOKE WSO AP	4.53	1.70	4.55	1.36	4.11	.42	11.35	8.26	2.68	-.83	3.71	-2.63
STAUNTON SEWAGE PLANT	3.70	1.17	1.51	-.68	2.49		8.68	5.89	3.40	.04	2.45	-.58
TIMBERVILLE 3 E	3.70	1.41	1.86	-.23	1.73		7.18	4.62	4.07	.84	1.81	-1.61
WEST AUGUSTA	M 1.40		M		M		1.10		3.00		3.10	
--DIVISIONAL DATA----->	3.90	1.18	2.56	-.22	3.13	-.49	8.13	5.10	3.24	-.35	2.26	-1.25
SOUTHWESTERN												
MOUNTAIN												
ABINGDON 3 S	4.40		4.30		3.02		7.08		2.62		3.92	
ALLISONIA 2 S	M 4.05		3.56	.93	5.72	2.09	6.70	3.50	2.71	-1.08	4.08	.84
BLACKSBURG 3 SE	3.01	.06	2.40		4.42	.51	7.75	4.20	2.09	-1.53	1.47	-2.14
BLAND	4.15	1.13	3.40	.48	4.24	.35	9.17	5.99	1.90	-1.69	4.81	1.34
BURKES GARDEN	4.92	1.42	4.64	1.37	3.92	-.18	8.46	4.78	3.47	-.54	3.57	-.38
BYLLESBY 3 W	3.93		4.02		5.49		8.33		M		1.52	
COPPER HILL 1 NNE	3.92	.95	2.40	-.75	6.79	2.79	10.26	6.40	2.29	-1.77	1.26	-2.89
FLOYD 2 NE	M 1.20		4.29	.95	6.11	2.17	9.34	5.63	6.06	2.55	2.82	-.92
GALAX RADIO WBOB	M 1.48		5.26	2.16	4.84	.92	8.52	5.09	2.87	-1.06	2.38	-1.64
GLEN LYN	M 3.70	1.04	3.31	.66	3.96	.47	8.71	5.56	1.79	-1.73	2.32	-.24
GRUNDY	4.55		4.46		2.86		11.69		2.24		8.59	
HILLSVILLE	3.88	1.02	4.60	1.51	6.36	2.21	8.89	5.35	3.22	-.98	2.60	-1.42
INDEPENDENCE 2	M 3.82		2.71		4.93		6.64		1.83		2.02	
JOHN W FLANNAGAN LAKE	M 3.45		4.48		2.92		5.48		1.49		2.27	
LAFAYETTE 1 NE	4.12	1.11	3.13	.44	4.33	1.01	9.11	6.05	1.72	-1.71	1.08	-2.27
MARION EVAP STATION	M		3.63		M		7.83		1.34		M	
MT LAKE BIOLOGICAL STA	M		1.20		6.03		8.62		4.10		3.54	
NEWPORT 2 NNW	M 1.90		.35		5.00		7.25		3.35	-.15	.25	-3.15
NORTH FORK LAKE	3.52		3.56		2.85		5.92		4.84		4.75	
PENNINGTON GAP	M 4.36		4.09	-.31	2.07	-3.68	4.18		2.43	-1.96	2.12	-2.05
PULASKI	3.58		5.67		3.52		6.84		2.22		2.04	
RADFORD	3.38	.65	3.14	.53	3.49	.00	7.98	4.80	1.45	-1.65	2.39	-.78
STAFFORDSVILLE 3 ENE	4.34	1.60	2.87	.17	4.55	.94	7.19	3.83	1.15	-2.28	1.79	-1.51
TROUT DALE 3 SSE	4.24	.13	4.43	.28	5.13	-.12	7.04	2.46	2.29	-2.38	4.12	-.47
WILLIS	M 2.45		M		7.13		9.68		4.97		5.14	
WISE 1 SE	3.89		3.61		3.32		6.32		2.62		3.17	
WYTHEVILLE 1 S	3.97	1.34	3.98	1.25	3.62	.16	7.59	4.48	1.54	-2.04	2.39	-.72
--DIVISIONAL DATA----->	4.08	.72	4.25	.92	4.02	-.21	8.06	4.35	2.67	-1.28	3.15	-.63

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1987

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
MOUNTAIN GROVE	2.56		1.23		8.01		.72		3.11		2.30		35.20	
ROANOKE WSO AP	3.21	-.24	1.08	-2.83	11.09	7.95	1.10	-2.38	5.00	2.41	2.16	-.77	51.57	12.42
STAUNTON SEWAGE PLANT	2.23	-1.28	2.06	-1.34	10.34	6.79	1.01	-2.25	3.18	.62	1.60	-.95	42.65	
TIMBERVILLE 3 E	1.07	-2.55	1.84	-2.18	8.17	4.67	1.56	-1.24	3.00	.59	2.28	-.11	38.27	
WEST AUGUSTA	3.20				8.25		1.10		3.10		1.25			
--DIVISIONAL DATA----->	2.78	-.99	1.59	-2.21	8.52	5.07	1.12	-2.33	3.39	.69	2.25	-.57	42.87	3.63
SOUTHWESTERN MOUNTAIN														
ABINGDON 3 S	3.83		3.05				.95		2.67		4.14			
ALLISONIA 2 S	4.59	1.01	1.22	-1.96	5.31	2.17	1.36	-1.68	3.22	.89	3.00	-.38	45.52	
BLACKSBURG 3 SE	3.11	-.54	1.64	-1.89	6.61	3.13	1.73	-1.41	2.98		2.67	-.25	39.88	
BLAND			1.20	-2.31	4.32	1.30	1.08	-1.64	2.81	.28	2.61	-.18		
BURKES GARDEN	1.19	-3.52	1.89	-1.82	2.70	-.78	1.37	-1.54	3.66	.59	3.87	.59	43.66	-.01
BYLLESBY 3 W	4.48		.55		5.55		1.30		3.74		3.18			
COPPER HILL 1 NNE	6.76	3.06	1.41	-2.45	9.84	5.27	1.69	-2.77	4.71	1.51	2.94	.11	54.27	9.46
FLOYD 2 NE	2.82	-.91	1.28	-1.97	7.29	3.10	1.41	-2.29	3.95	.90	2.38	-.66	48.95	
GALAX RADIO WBOB	5.01	.93	.86	-2.71	5.60	1.71	1.21	-2.53	5.86	2.92	2.58	-.50	46.47	
GLEN LYN	2.49	-1.48	1.89	-1.36	2.61	-.34	1.18	-1.41	2.50	.05	2.28	-.33	37.34	.89
GRUNDY	6.59		2.09		4.18		1.44		1.10		3.56		53.35	
HILLSVILLE	3.93	-.21	2.59	-1.04	6.14	2.31	1.52	-2.05	4.77	1.94	3.23	.24	51.73	8.88
INDEPENDENCE 2	1.99		1.25		3.87		2.13		4.26		2.61		38.06	
JOHN W FLANNAGAN LAKE	3.15		2.87		1.98		1.13		.57		3.82		33.61	
LAFAYETTE 1 NE	3.45	-.36	1.16	-2.26	7.67	4.45	1.23	-1.99	2.87	.25	2.43	-.34	42.30	4.38
MARION EVAP STATION			1.79		3.39		1.15		2.97		4.08			
MT LAKE BIOLOGICAL STA	4.52		2.17		6.45		2.18		4.78		2.36			
NEWPORT 2 NNW	2.10	-1.12	.80	-2.27	4.30	.88	1.68	-1.56	3.57		2.20			
NORTH FORK LAKE	4.90		3.23		3.64		1.29		1.79		4.24		44.53	
PENNINGTON GAP	2.92	-2.15	1.54	-2.22	4.76	1.29	.64	-2.32	1.07		6.06	1.40	36.24	
PULASKI	2.74		1.40		4.96		.82		2.71		1.89		38.39	
RADFORD	2.73	-1.11	2.37	-.90	7.64	4.70	1.54	-1.49	5.95	3.48	2.97	.33	45.03	8.56
STAFFORDSVILLE 3 ENE	2.62	-1.15	1.23	-2.30	3.86	.58	.90	-1.87	2.80	.32	2.63	-.05	35.93	-1.72
TROUT DALE 3 SSE	3.64	-1.05	1.00	-3.06	4.54	.71	.91	-2.94	4.15	.62	3.17	-.56	44.66	-6.38
WILLIS	4.02		1.01		7.02		1.43		2.97		3.20			
WISE 1 SE	4.20		4.12		5.82		1.10		2.07		4.87		45.11	
WYTHEVILLE 1 S	1.76	-2.73	2.10	-1.26	6.10	3.04	1.22	-1.73	3.65	1.27	3.08	.48	41.00	3.54
--DIVISIONAL DATA----->	3.44	-.95	1.94	-1.71	5.14	1.70	1.24	-1.83	3.37	.38	3.48	.20	44.84	1.66

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

VIRGINIA
1987

1987																												
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		41.6		M38.1		47.3		54.4		67.5		76.3		80.9		79.7		74.6		57.9		55.4		46.3		M60.0		
COLONIAL BEACH		37.0		37.7		48.9		56.2		68.6		77.2		83.5		80.6		74.1		56.1		53.2		43.1		59.7		
EMPORIA 1 NNW		35.3		36.9		47.5		53.8		68.2		M76.5		79.9		77.3		71.1		51.9		50.8		42.8		M57.7		
FREDERICKSBURG NATL PK		32.7	-2.0			47.4	2.0	53.2	-2.7	65.5	.5	75.3	2.5	81.0	3.9	77.1	1.4	71.5	2.3	52.6	-5.0	49.2	2.1	40.4	2.5	M		
HOLLAND 1 E		36.3	-2.3	37.7	-2.6	46.8	-1.4	53.6	-4.6	67.4	1.1	75.0	1.5	79.5	2.0	77.0	.4	70.7	-2	53.8	-5.9	53.6	3.0	44.2	2.6	58.0	-.5	
HOPEWELL		37.8	-1.9	39.4	-2.5	50.5	.6	56.2	-4.0	70.4	2.3	77.5	2.4	82.0	3.0	79.3	1.1	73.1	.9	55.1	-6.0	52.5	.9	44.0	1.3	59.8	-.2	
KILMARNOCK 1 N		34.3		34.0		44.3		52.2		65.8		73.2		77.7		75.6		69.1		50.5		49.0		39.9		55.5		
LANGLEY AFB		38.4	-.8	38.1	-2.8	45.8	-2.5	55.2	-2.6	67.6	1.4	76.7	2.6	81.6	3.2	79.5	1.7	74.5	2.6	57.0	-4.0	55.0	3.7	47.2	4.5	59.7	.6	
MATHEWS 2 ENE		36.8		36.2		45.6		53.8		67.1		74.6		79.1		77.5		71.3		53.7		51.7		42.7		57.5		
NORFOLK WSO AP		39.6	-.3	38.7	-2.4	47.5	-1.0	54.6	-3.6	68.3	1.9	77.0	2.7	82.4	4.0	79.6	1.9	74.3	2.1	56.6	-4.7	54.3	2.4	46.0	2.5	59.9	.5	
PAINTER 2 W		37.9	-.2	36.6	-2.5	45.9	-.5	53.9	-2.1	66.8	2.2	75.5	3.0	80.4	3.4	78.3	2.3	73.0	2.9	55.9	-3.5	53.2	3.2	43.8	2.5	58.4	.9	
STONY CREEK 3 ESE		34.2		37.1		46.0		55.8		69.9		77.6		81.1		77.9		72.5		52.0		49.9		42.2		58.0		
SUFFOLK LAKE KILBY		37.6	-1.3	38.2	-2.7	47.1	-1.2	55.3	-2.9	68.2	1.8	76.0	2.1	80.5	2.6	78.2	1.0	73.1	1.9	55.6	-4.4	53.2	2.7	45.0	3.0	59.0	.2	
TANGIER ISLAND		37.3		M36.9		46.4		54.7		67.4		77.8		83.0		80.4		75.0		59.1		54.1		44.1		M59.7		
WAKEFIELD 2		37.1		37.4		46.0		55.0		M		75.9		81.7		78.4		72.0		54.6		51.3		42.7		M		
WALKERTON 2 NW		35.6	-.8	37.3	-1.4	47.8	.9	55.1	-2.3	67.7	1.9	75.4	2.2	80.0	2.7	78.0	1.8	71.8	2.2	53.6	-4.6	51.5	3.2	42.6	3.3	58.0	.8	
WARSAW 2 NW		35.6	-.9	37.1	-1.5	48.0	1.4	54.7	-2.3	68.1	2.5	75.3	1.9	80.2	2.8	77.2	.8	72.3	2.3	54.2	-4.6	52.1	3.1	43.3	3.4	58.2	.7	
WEST POINT 2 SW		35.7		36.9		47.4		55.4		69.2		76.4		80.6		78.1		71.9		54.4		52.3		43.4		58.5		
WILLIAMSBURG 2 N		35.1	-3.3	36.7	-3.5	46.7	-1.2	53.4	-4.7	66.9	.6	73.9	.5	79.0	1.5	76.8	.1	70.6	-.3	53.0	-6.8	50.9	.5	41.8	.2	57.1	-1.4	
--DIVISIONAL DATA----->		36.6	-1.7	37.3	-2.6	47.0	-.5	54.6	-2.9	67.8	1.9	76.0	2.4	80.7	2.9	78.2	1.2	72.4	1.2	54.6	-5.6	52.3	1.8	43.4	1.7	58.4	.0	
EASTERN PIEDMONT 02																												
AMELIA 4 SW		M		M		46.2		52.2		65.7		74.6		79.6		76.8		70.1		50.8		M50.1		40.9		M		
ASHLAND		34.0		36.3		47.2		54.0		67.7		75.2		79.9		77.7		71.5		52.7		50.3		41.6		57.3		
BREMO BLUFF		29.7		33.9		43.7		50.8		65.1		73.5		77.6		74.0		68.0		48.8		M		M35.9		M		
CAMP PICKETT		32.3		35.2		44.5		51.6		65.5		73.4		78.8		75.9		69.0		49.6		47.7		39.1		55.2		
CHASE CITY		34.3		38.0		47.4		53.2		64.6		74.9		80.9		78.8		72.6		53.8		51.3		43.5		57.8		
CORBIN		32.3		35.3		45.4		52.2		64.4		74.4		78.7		75.3		69.6		51.7		50.0		40.9		55.9		
CROZIER		33.5		36.8		46.7		53.5		66.9		75.2		80.5		78.3		71.2		52.5		50.7		41.4		57.3		
FARMVILLE 2 N		35.4	-1.6	37.7	-1.5	47.7	.2	54.8	-3.1	68.3	2.8	75.9	3.3	80.2	3.6	78.5	3.0	70.9	2.1	53.0	-4.7	50.3	2.3	41.8	2.4	57.9	.7	
JOHN H KERR DAM		36.0	-1.1	37.2	-1.7	45.4	-1.8	53.9	-3.9	67.7	1.4	75.5	2.0	80.4	2.8	78.9	2.4	72.5	2.6	52.9	-5.5	51.3	2.5	43.2	3.1	57.9	.2	
LAWRENCEVILLE 5 W		36.8	-1.7	39.5	-.9	46.8	-1.6	M53.6	-4.7	66.6	.6	74.1	1.3	79.8	2.7	77.3	.9	69.8	-.1	51.7	-7.0	50.7	1.1	43.3	2.5	M57.5	-.6	
LOUISA		32.5	-2.6	34.7	-2.8	45.3	-.8	53.4	-3.0	65.1	.5	73.4	1.5	78.1	2.2	75.8	.9	69.6	1.2	50.9	-6.3	48.6	1.4	40.1	2.0	55.6	-.5	
RICHMOND WSO AP		R	34.7	-1.9	37.0	-1.9	47.1	-.1	54.3	-3.6	67.3	1.2	75.8	2.3	81.3	3.5	78.5	1.7	72.3	2.1	52.9	-5.7	51.3	2.4	43.0	3.1	58.0	.3
--DIVISIONAL DATA----->		33.8	-2.3	36.5	-1.8	46.1	-.5	53.1	-4.0	66.2	1.1	74.7	2.2	79.7	3.0	77.2	1.5	70.6	1.4	51.8	-5.9	50.2	2.2	41.2	2.1	56.8	.0	
WESTERN PIEDMONT 03																												
APPOMATTOX		33.7		36.5		47.5		54.0		66.7		74.6		80.0		78.2		70.9		52.8		49.8		44.0		57.4		
BEDFORD		33.6	-3.1	36.8	-2.1	46.0	-1.4	53.5	-3.9	66.1	.8	73.1	1.3	77.7	2.2	77.5	3.0	69.9	1.8	52.6	-4.9	50.3	2.4	41.4	1.8	56.5	-.2	
CHARLOTTE COURT HOUSE 3 W		34.4	-.9	36.8	-.5	47.4	1.5	53.2	-3.3	M66.6	1.9	74.7	2.8	79.4	3.3	79.0	3.8	70.7	1.9	52.7	-4.5	51.3	3.9	42.3	4.0	M57.4	1.2	
CHARLOTTESVILLE 2 W		33.9	-1.4	37.9	.9	48.0	2.1	M53.6	-3.5	M66.7	1.3	75.3	2.8	80.5	3.7	M77.4	1.7	69.3	-.3	M		M		40.6	2.1	M		
CHATHAM		32.4	-3.4	34.0	-3.7	43.1	-2.7	49.9	-5.9	64.4	.0	72.3	.9	76.9	1.3	76.0	1.4	68.2	-.1	48.1	-8.8	47.0	-.3	39.1	.5	54.3	-1.7	
DANVILLE-BRIDGE ST		35.3	-2.3	38.0	-1.8	47.3	-.7	54.0	-4.6	69.0	2.2	M		81.4	3.6	79.9	2.8	72.5	2.0	53.4	-5.3	50.9	2.2	42.7	2.7	M		
LYNCHBURG WSO AP		R	33.9	-1.2	36.9	-.5	46.7	1.0	53.8	-2.6	67.0	2.5	74.7	3.1	79.4	3.7	77.5	2.7	69.9	1.5	52.2	-4.9	49.7	2.7	41.3	3.0	56.9	.9
MARTINSVILLE FILT PL																			49.6	-6.5	47.4	1.1	40.9	2.9	M			
MONTICELLO		33.8		37.6		M46.2		M52.3		M65.4		74.1		78.9		75.4		67.6		M50.0		M		M38.9		M		
PHILPOTT DAM 2		34.5		36.4		44.6		51.9		66.0		73.2		77.3		76.3		68.9		51.0		49.6		40.7		55.9		
ROCKY MOUNT		33.7		35.3		44.5		51.8		66.1		73.5		78.2		76.7		68.8		50.4		49.3		41.2		55.8		
SOUTH BOSTON		33.5		36.2		44.7		51.4		66.0		74.2		78.8		76.2		69.7		49.7		48.0		40.1		55.7		
STUART 1 SSE		33.9		37.3		47.1		54.0		68.1		73.5		77.2		74.8		67.2		50.5		48.4		39.1		55.9		
TYE RIVER 1 SE		34.4		37.5		46.8		52.5		66.1		74.8		79.9		78.1		69.5		52.0		50.0		41.5		56.9		
--DIVISIONAL DATA----->		33.9	-1.9	36.7	-1.1	46.1	.0	52.8	-3.7	66.5	1.8	74.0	2.3	78.9	3.2	77.2	2.4	69.5	1.1	51.2	-6.0	49.3	1.9	41.0	2.4	56.4	.2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

VIRGINIA
1987

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
NORTHERN 04																										
BERRYVILLE	29.8		32.9		43.6		50.8		63.2		73.1		77.4		74.2		67.5		49.5		46.5					
BIG MEADOWS	23.9	-3.2	26.8	-1.5	35.3	-1.4	41.4	-5.5	58.5	.9	63.2		67.7	1.3	64.3	-1.0	57.7	-1.8	41.7	-7.4	40.5	1.3	29.9	-3.3	45.7	-1.4
LINCOLN	33.3	.0	36.5	.7	47.4	3.0	53.5	-1.7	66.1	1.9	74.9	2.6	80.1	3.8	76.1	.8	69.7	1.0	53.0	-4.4	49.7	3.1	40.8	3.8	56.8	1.2
LURAY 5 E	28.6	-3.4	31.3	-2.9	43.2	.5	50.8	-2.6	64.0	2.0	71.7	2.5	74.2	1.1	72.6	.5	65.2	-1.6	49.9	-4.6	48.1	3.5	38.0	2.7	53.1	-1.1
MANASSAS 3 NW																										
MOUNT WEATHER	28.0	-1.7	30.3	-2.2	41.1	2.0	47.8	-2.7	61.3	1.3	71.2	3.1	76.3	4.2	72.8	1.6	65.3	.7	48.4	-5.2	45.2	2.2	35.5	2.7	51.9	.8
PIEDMONT RESEARCH STN	32.6	-1.1	35.4	-1.3	45.9	1.5	52.5	-2.8	64.9	.9	74.4	2.5	79.9	3.8	76.6	1.7	69.7	1.2	52.0	-4.9	49.8	3.2	39.8	2.9	56.1	.7
RICHARDSVILLE																										
STERLING (RCS)	30.2		31.6		43.6		51.2		62.8		72.0		77.5		74.7		67.6		49.8		46.6		38.1		53.8	
WARRENTON 3 SE	33.4	1.1	35.9	1.8	46.1	3.2	51.9	-2.1	63.5	.7	73.2	2.5	78.6	3.4					51.6	-5.0	48.4	2.2				
WASH DULLES WSO AP	31.2	-2.2	33.1	-1.5	43.5	1.1	51.7	-1.6	64.3	1.9	73.7	3.0	79.1	3.6	75.4	1.1	68.7	1.3	49.9	-5.4	47.8	3.0	38.6	3.5	54.8	.9
WASH NATL WSCMO AP	34.7	-1.5	37.0	-1.5	47.7	1.9	54.8	-1.9	67.2	1.2	76.4	1.9	82.6	3.7	78.7	1.1	72.1	1.0	54.4	-4.9	49.9	1.2	41.5	2.6	58.1	.6
WINCHESTER "WINC"	29.9		32.7		42.7		49.6		62.3		72.1		77.3		73.4		65.6		49.0		45.8		37.2		53.1	
WINCHESTER 3 ESE	29.5	-2.7	31.9	-2.6	42.2	-1.2	49.6	-4.8	62.3	-1.2			76.9	1.8	72.6	-1.4	65.4	-2.1	48.4	-7.6	45.5	.1	36.6	.9		
WOODSTOCK 2 NE	32.0	-1.1	35.5	.1	45.5	1.5	52.6	-1.9	65.0	1.8	73.7	3.0	78.0	3.3	75.9	2.2	68.3	1.1	51.6	-4.4	46.5	.7	39.5	2.7	55.3	.8
--DIVISIONAL DATA-----	30.5	-1.9	33.1	-1.4	43.7	.6	50.6	-3.5	63.3	.4	72.5	1.8	77.4	2.5	73.9	.1	66.9	-1.5	49.9	-5.9	46.9	1.4	37.8	2.0	53.9	-1.3
CENTRAL MOUNTAIN 05																										
COVINGTON FILT PLANT																										
DALE ENTERPRISE	31.1	-1.7	33.2	-1.0	44.0	1.2	50.3	-2.7	63.8	1.9	72.8	3.4	76.8	3.5	75.0	2.9	67.0	1.3	50.6	-3.7	47.0	2.9	39.1	3.8	54.2	1.1
GATHRIGHT DAM	30.1		32.7		43.0		48.4		64.6		70.4		75.0		73.6		64.7		47.3		45.6		36.4		52.7	
HOT SPRINGS	29.6	-1.2	32.6	-1.2	42.9	2.1	48.0	-3.5	64.1	4.0	70.1	3.1	74.4	3.7	73.0	3.1	61.8	-1.8	46.4	-6.4	43.7	1.2	35.7	1.8	51.9	.5
LEXINGTON	32.9	-1.7	35.5	-1.6	47.0	1.3	52.9	-3.0	66.9	2.7	73.3	2.2	77.4	2.5	76.5	2.5	68.0	.4	51.1	-5.2	48.0	2.0	40.7	3.3	55.9	.5
MONTEREY	27.8		31.7		41.3		47.3		61.8		67.6		71.0		70.4		62.0		46.9		44.0		36.0		50.7	
ROANOKE WSO AP	34.2	-1.3	36.9	-1.0	46.6	.5	53.2	-3.1	67.1	2.4	75.0	3.4	79.3	3.6	77.8	3.1	68.9	.7	51.5	-5.3	49.6	2.7	41.4	3.1	56.8	.7
STAUNTON SEWAGE PLANT	28.3	-4.1	31.4	-2.6	41.5	-1.0	47.8	-5.3	62.5	.7			73.2	1.1	73.2	1.1	65.0	-1.5	47.2	-7.2	44.9	.4	37.6	2.0		
TIMBERVILLE 3 E	31.0	-1.9	34.1	.1	43.7	.9	51.4	-1.8	65.1	2.7	73.8	3.9	77.9	4.1	75.3	2.6	67.3	1.0	51.3	-3.6	46.7	2.2	39.8	4.3	54.8	1.3
--DIVISIONAL DATA-----	30.6	-2.4	33.5	-1.7	43.8	.2	50.2	-3.8	64.8	2.3	72.1	2.6	76.2	2.8	74.7	2.3	65.9	-1.1	49.5	-5.5	46.5	1.8	38.8	2.8	53.9	.1
SOUTHWESTERN MOUNTAIN 06																										
ABINGDON 3 S	34.5		38.3		47.1		50.5		67.1		70.9		73.8		74.0				49.7		46.9		39.1			
BLACKSBURG 3 SE	29.5	-1.4	32.4	-.5	42.1	1.0	47.7	-3.6	63.8	3.8	69.7	2.9	73.7	2.7	73.1	3.0	64.0	.2	46.9	-5.6	45.6	3.0	36.9	2.9	52.1	.7
BURKES GARDEN	28.9	-1.1	32.5	.4	41.6	1.6	44.4	-5.1	60.3	2.9	65.0	1.3	68.7	1.4	68.7	2.4	60.4	-1.3	43.1	-7.0	42.3	1.7	33.9	.7	49.2	-1.1
FLOYD 2 NE	30.2	-2.5	33.4	-1.3	42.6	.3	48.9	-3.2	62.5	2.4	68.5	2.0	71.9	1.7	71.0	1.5	63.7	.3	47.8	-5.0	44.6	1.6	38.0	2.6	51.9	.0
GALAX RADIO WBOB	29.3		32.8		41.4		47.9		65.0		70.0		73.2		72.3		64.6		47.6		44.7		37.7		52.2	
GRUNDY	32.6		38.0		47.4		49.8		67.5		72.7		76.0				67.5		49.7		48.3		39.3			
MARION EVAP STATION			36.6						65.2						73.8		64.5		46.5		44.8		37.2			
MT LAKE BIOLOGICAL STA	28.1		30.9		39.6		45.2		61.5		65.8		69.3		68.5		59.7		45.5		42.4		33.8		49.2	
PENNINGTON GAP	35.4	1.7	39.2	2.7	47.1	2.1	48.6	-6.2	65.5	2.6	68.9	-.6	74.1	.9	74.8	2.4	66.1	-.9	50.9	-4.5	48.0	3.3	40.5	3.7	54.9	.6
PULASKI	32.6		36.5		44.4		50.7		64.2		69.4		72.8		72.6		64.2		47.2		45.2		37.5		53.1	
STAFFORDSVILLE 3 ENE	30.8		36.3		45.4		51.5		66.3		71.8		75.0		76.0		64.3		50.9		49.3		41.5		54.9	
WISE 1 SE	32.6		37.5		46.9		47.6		65.8		69.6		71.7		72.8		64.7		50.9		49.3		39.3		54.1	
WYTHEVILLE 1 S	32.2	-.6	35.7	.5	44.7	1.7	50.0	-2.6	65.6	4.7	70.0	2.7	73.5	2.4	74.1	3.8	65.7	1.0	50.1	-3.6	46.0	2.5	39.9	4.3	54.0	1.4
--DIVISIONAL DATA-----	31.4	-1.4	35.4	.3	44.2	.9	48.5	-4.6	64.6	3.3	69.4	1.5	72.8	1.3	72.6	1.9	64.1	-.9	48.2	-5.7	46.0	2.3	38.0	2.2	52.9	.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

VIRGINIA
1987

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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BACK BAY WL REF	98	7/27	17	1/26	NONE		1/26	17	2/ 6	24	3/11	28	3/17	32	11/12	32	11/22	28	12/30	24	NONE		NONE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

VIRGINIA
1987

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.						
MOUNT WEATHER	95	7/22	-4	1/28	3/12	16	3/12	16	4/1	21	4/6	28	4/7	30	10/14	31	11/11	21	11/11	21	11/21	19	12/30	14	293	254	224	219	190	
PIEDMONT RESEARCH STN	100	7/22	-1	1/28	2/17	16	3/11	20	4/1	23	4/1	23	4/7	32	10/22	28	10/22	28	11/22	21	12/30	17	NONE			294	235	204	198	
RICHARDSVILLE					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG							
STERLING (RCS)	100	8/28	-19	1/27	3/11	15	4/1	20	4/1	20	4/1	20	4/29	29	10/9	27	10/9	27	10/26	24	11/22	19	12/31	13	295	235	208	191	163	
WARRENTON 3 SE					2/17	13	3/12	20	4/1	23	4/3	28	4/7	31	MSG		11/11	27	11/21	19	11/21	19	MSG			254	234	222		
WASH DULLES WSO AP	100	8/27	-17	1/28	3/5	16	4/1	20	4/1	20	4/1	20	4/29	32	10/9	29	10/15	28	11/21	24	11/23	20	12/31	14	301	236	234	197	163	
WASH NATL WSCMO AP	R100	8/27	-7	1/28	2/16	16	2/16	16	3/11	24	3/11	24	4/1	29	11/11	29	11/21	26	11/22	24	NONE		NONE				256	255	224	
WINCHESTER "WINC"	97	7/22	-1	1/28	3/11	16	3/12	17	4/1	24	4/1	24	4/6	31	10/9	30	10/26	28	11/21	22	11/22	19	12/31	16	295	255	234	208	186	
WINCHESTER 3 ESE			-6	1/29	3/14	12	3/14	12	3/23	23	4/2	25	MSG		10/9	28	10/9	28	10/26	23	11/22	18	12/7	16	298	253	217	190		
WOODSTOCK 2 NE	100	7/21	-11	1/27	3/11	16	3/15	19	4/1	23	4/1	23	4/29	30	10/9	28	10/9	28	11/7	24	11/12	20	12/31	15	295	242	220	191	163	
CENTRAL MOUNTAIN	05																													
COVINGTON FILT PLANT	100	8/4			MSG		MSG		MSG		4/1	25	4/10	29	10/9	28	10/9	28	11/13	23	11/22	16	11/22	16				191	182	
DALE ENTERPRISE	98	7/21	-10	1/27	3/11	15	3/14	19	3/14	19	4/1	25	4/29	30	10/9	30	10/14	28	11/11	24	11/21	20	11/22	15	256	252	242	196	163	
GATHRIGHT DAM	100	7/26	-5	1/28	2/20	14	3/17	20	4/1	24	4/10	28	4/29	30	10/5	30	10/9	28	10/22	23	11/21	18	11/22	10	275	249	204	182	159	
HOT SPRINGS	100	8/29	-9	1/28	2/20	12	3/18	20	4/2	23	4/5	26	4/11	32	9/26	31	10/9	28	10/24	23	11/12	17	11/22	10	275	239	205	187	168	
LEXINGTON	99	7/21	-12	1/27	2/20	12	3/5	20	3/31	23	4/1	25	4/29	32	10/9	29	10/14	28	11/12	24	11/22	17	12/31	12	314	262	226	196	163	
MONTEREY	91	7/22	-5	1/27	3/17	15	3/17	15	4/5	24	4/6	28	5/5	30	10/2	32	10/5	28	10/9	23	11/11	20	11/21	16	249	239	187	182	150	
ROANOKE WSO AP	R100	8/22	-2	1/27	1/28	9	3/11	20	3/14	22	3/17	26	4/4	31	10/9	29	10/14	28	11/21	24	12/30	20	NONE			294	252	211	188	
STAUNTON SEWAGE PLANT			-16	1/27	3/11	15	3/17	19	4/1	22	4/10	28	MSG		10/5	32	10/9	26	10/14	24	11/12	14	11/12	14	246	240	196	182		
TIMBERVILLE 3 E	100	7/21	-18	1/27	2/26	14	3/17	20	4/1	23	4/1	23	4/29	32	10/9	28	10/9	28	11/12	16	11/12	16	11/12	16	259	240	225	191	163	
SOUTHWESTERN MOUNTAIN	06																													
ABINGDON 3 S			-12	1/27	2/10	12	4/1	20	4/4	24	4/10	28	4/10	28	MSG		MSG		MSG		MSG		11/12	16	275					
BLACKSBURG 3 SE	95	8/23	-4	1/27	3/11	16	3/14	19	4/5	24	4/6	28	4/26	32	10/2	32	10/9	25	10/10	24	11/21	20	12/18	15	282	252	188	186	159	
BURKES GARDEN	91	7/25	-26	1/27	2/24	12	4/4	20	4/11	23	5/9	28	5/9	28	10/4	30	10/5	26	10/9	20	10/9	20	11/21	14	270	188	181	149	148	
FLOYD 2 NE	90	7/26	-18	1/27	3/14	15	3/14	15	4/10	23	4/10	23	5/9	29	10/2	30	10/9	22	10/9	22	10/23	20	NONE			223	182	182	146	
GALAX RADIO WB0B	92	8/22	-11	1/27	3/14	15	4/1	17	4/10	24	4/29	25	4/29	25	10/2	31	10/9	23	10/9	23	11/13	19	11/22	15	253	226	182	163	156	
GRUNDY			-2	1/28	2/11	12	2/11	12	4/5	23	4/5	23	4/12	31	10/14	30	10/22	25	11/12	22	11/22	18	12/30	14	322	284	221	200	185	
MARION EVAP STATION					MSG		4/1	20	4/5	24	4/12	28	4/13	30	10/2	31	10/9	25	10/14	24	10/23	20	11/13	16		205	192	180	172	
MT LAKE BIOLOGICAL STA	86	8/22	-9	1/27	3/17	13	4/4	20	4/5	23	4/5	23	4/28	32	10/4	27	10/4	27	10/15	24	11/11	17	11/21	10	249	221	193	182	159	
PENNINGTON GAP	97	8/22	-2	1/24	2/11	14	4/1	17	4/1	17	4/29	28	5/6	31	10/2	28	10/2	28	10/9	23	10/22	16	10/22	16	253	204	191	156	149	
PULASKI	93	8/22	-1	1/27	3/11	16	3/11	16	4/1	21	4/13	26	4/13	26	10/4	32	10/8	27	11/10	24	11/20	19	11/21	16	255	254	223	178	174	
STAFFORDSVILLE 3 ENE	98	8/22	-5	1/27	2/17	15	3/12	19	3/12	19	4/5	27	5/9	29	10/4	28	10/4	28	11/11	22	11/21	18	12/30	12	316	254	244	182	148	
WISE 1 SE	91	8/22	-1	1/27	3/13	15	4/4	20	4/6	24	4/6	24	4/6	24	10/4	29	10/5	27	10/22	23	11/11	20	11/21	15	253	221	199	182	181	
WYTHEVILLE 1 S	95	7/25	-15	1/27	3/11	16	3/14	18	4/1	22	4/10	26	5/9	31	10/2	31	10/9	23	10/9	23	11/15	20	12/18	13	282	246	191	182	146	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

VIRGINIA
1987

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
VIRGINIA														
TIDEWATER 01														
BACK BAY WL REF	0	B	0	0	0	131	345	500	465	294	3	8	0	B 1746
COLONIAL BEACH	0	0	0	0	7	162	374	581	491	285	0	11	0	1911
EMPORIA 1 WNW	0	0	0	0	2	157	354	469	388	200	0	0	0	B 1570
FREDERICKSBURG NATL PK	0	0	0	0	2	119	316	502	383	210	0	2	0	-
HOLLAND 1 E	0	0	0	0	0	150	314	454	375	191	0	8	0	1492
HOPEWELL	0	0	0	0	8	202	384	533	452	253	0	4	0	1836
KILMARNOCK 1 N	0	0	0	0	0	113	255	399	341	154	0	1	0	1263
LANGLEY AFB	0	0	0	0	2	148	356	524	458	291	0	12	0	1791
MATHEWS 2 ENE	0	0	0	0	1	126	298	445	391	208	0	3	0	1472
NORFOLK WSO AP	0	0	0	0	2	168	364	544	461	285	0	7	0	1831
PAINTER 2 W	0	0	0	0	1	127	319	486	418	252	0	4	0	1607
STONY CREEK 3 ESE	0	0	0	0	6	192	387	504	406	235	0	0	0	1730
SUFFOLK LAKE KILBY	0	0	0	0	1	155	335	489	419	251	0	2	0	1652
TANGIER ISLAND	0	B	0	0	0	125	390	566	487	309	9	0	0	B 1886
WAKEFIELD 2	0	0	0	0	1	-	334	524	421	224	2	3	0	-
WALKERTON 2 NW	0	0	0	0	4	137	317	474	409	220	0	3	0	1564
WARSAW 2 NW	0	0	0	0	2	156	316	480	386	231	0	7	0	1578
WEST POINT 2 SW	0	0	0	0	5	173	347	489	411	219	0	7	0	1651
WILLIAMSBURG 2 N	0	0	0	0	0	117	275	440	373	187	0	2	0	1394
EASTERN PIEDMONT 02														
AMELIA 4 SW	-	-	0	3	111	297	460	373	171	0	B	0	0	-
ASHLAND	0	0	0	4	147	311	473	401	211	0	2	0	0	1549
BREMO BLUFF	0	0	0	1	99	266	395	293	116	0	0	0	0	-
CAMP PICKETT	0	0	0	0	108	263	434	343	142	0	0	0	0	1290
CHASE CITY	0	0	0	0	68	304	501	433	240	0	0	0	0	1546
CORBIN	0	0	0	0	103	292	430	326	160	0	6	0	0	1317
CROZIER	0	0	0	3	128	317	490	416	199	0	5	0	0	1558
FARMVILLE 2 N	0	0	0	8	156	336	478	425	190	0	0	0	0	1593
JOHN H KERR DAM	0	0	0	1	140	323	484	437	232	2	2	0	0	1621
LAWRENCEVILLE 5 W	0	0	0	B	2	95	278	463	388	160	0	0	0	B 1386
LOUISA	0	0	0	4	98	267	413	343	159	0	1	0	0	1285
RICHMOND WSO AP	R	0	0	2	136	329	513	427	227	0	3	0	0	1637
WESTERN PIEDMONT 03														
APPOMATTOX	0	0	0	10	121	298	469	418	193	0	0	0	0	1509
BEDFORD	0	0	0	7	93	250	403	393	163	0	0	0	0	1309
CHARLOTTE COURT HOUSE 3 W	0	0	0	7	B 129	298	453	439	187	0	2	0	0	B 1515
CHARLOTTESVILLE 2 W	0	0	0	9	B 125	316	490	B 388	148	-	0	0	0	-
CHATHAM	0	0	0	1	84	231	375	349	124	0	0	0	0	1164
DANVILLE-BRIDGE ST	0	0	0	5	165	-	512	466	234	0	0	0	0	1384
LYNCHBURG WSO AP	R	0	0	12	122	297	454	395	166	0	0	0	0	1446
MARTINSVILLE FILT PL	-	-	-	-	-	-	-	-	-	0	0	0	0	991
MONTICELLO	0	0	B	0	B 109	284	438	328	112	B	0	0	0	-
PHILPOTT DAM 2	0	0	0	4	108	254	388	355	139	0	0	0	0	1248
ROCKY MOUNT	0	0	0	2	112	264	414	369	136	0	0	0	0	1297
SOUTH BOSTON	0	0	0	2	121	282	438	355	159	0	0	0	0	1357
STUART 1 SSE	0	0	0	14	134	261	381	311	105	0	0	0	0	1206
TYE RIVER 1 SE	0	0	0	10	118	303	472	413	157	0	0	0	0	1473
NORTHERN 04														
BERRYVILLE	0	0	0	1	93	255	395	297	112	0	2	-	-	-
BIG MEADOWS	0	0	0	0	12	42	130	64	B 4	0	0	0	B	252
LINCOLN	0	0	0	12	119	305	474	353	154	0	2	0	0	1419
LURAY 5 E	0	0	0	2	85	215	297	B 252	B 59	0	0	0	B	910
MANASSAS 3 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT WEATHER	0	0	0	0	77	205	360	253	66	0	1	0	0	962
PIEDMONT RESEARCH STN	0	0	0	4	95	290	468	369	164	0	1	0	0	1391
RICHARDSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STERLING (RCS)	0	0	0	2	85	224	397	311	116	0	0	0	0	1135

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

VIRGINIA
1987

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
WARRENTON 3 SE	0	0	0	4	81	251	427	-	-	0	1	-	-	985
WASH DULLES WSO AP	0	0	0	5	97	270	446	335	138	0	0	0	1291	970
WASH NATL WSCMO AP	R 0	0	0	8	146	347	554	431	222	0	0	0	1708	1430
WINCHESTER "WINC"	0	0	0	1	B 69	224	392	274	82	B 0	0	0	B 1042	
WINCHESTER 3 ESE	0	0	0	2	75	-	380	258	73	0	0	0	-	985
WOODSTOCK 2 NE	0	0	0	6	99	270	413	346	122	0	0	0	1256	936
CENTRAL MOUNTAIN 05														
COVINGTON FILT PLANT	-	-	-	15	125	263	402	391	129	0	0	0	-	
DALE ENTERPRISE	0	0	0	4	80	250	376	316	95	0	0	0	1121	773
GATHRIGHT DAM	0	0	0	3	88	177	320	280	59	0	0	0	927	
HOT SPRINGS	0	0	0	1	84	174	303	261	26	0	0	0	849	535
LEXINGTON	0	0	0	16	107	258	388	363	119	0	0	0	1251	979
MONTEREY	B 0	0	0	1	40	111	205	191	25	0	0	0	B 573	
ROANOKE WSO AP	R 0	0	0	4	130	306	450	403	140	0	0	0	1433	1085
STAUNTON SEWAGE PLANT	0	0	0	2	64	-	-	260	71	0	B 0	0	-	809
TIMBERVILLE 3 E	0	0	0	6	109	276	409	330	98	0	0	0	1228	823
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3 S	0	0	0	12	115	193	282	288	-	0	0	0	-	
BLACKSBURG 3 SE	0	0	0	0	64	162	281	263	57	0	0	0	827	585
BURKES GARDEN	0	0	0	0	19	55	141	144	16	0	0	0	375	252
FLOYD 2 NE	0	0	0	2	39	128	219	201	50	0	0	0	639	544
GALAX RADIO WBOB	0	0	0	2	80	164	262	240	64	0	0	0	812	
GRUNDY	0	B 0	0	8	144	236	351	-	100	0	0	B 0	-	
MARION EVAP STATION	-	0	-	6	70	-	-	284	65	0	0	0	-	
MT LAKE BIOLOGICAL STA	0	0	0	B 0	29	65	156	138	6	0	0	0	394	
PENNINGTON GAP	0	0	0	4	88	147	286	311	87	0	0	0	B 923	830
PULASKI	0	0	0	5	70	B 152	250	240	53	0	0	0	B 770	
STAFFORDSVILLE 3 ENE	0	0	0	0	111	B 217	314	348	82	0	0	0	B 1072	
WISE 1 SE	0	0	0	6	90	148	215	251	45	0	0	0	755	
WYTHEVILLE 1 S	0	0	0	8	89	163	268	290	79	0	0	0	897	576

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL EVAPORATION AND WIND MOVEMENT

VIRGINIA
1987

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
VIRGINIA														
EASTERN PIEDMONT 02														
JOHN H KERR DAM	WIND	-	-	-	B 1880	1565	1650	1345	1602	1201	1100	-	-	-
	EVAP	-	-	-	B 3.56	B 5.38	7.11	7.08	6.45	4.17	3.45	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN PIEDMONT 03														
PHILPOTT DAM 2														
	WIND	-	-	-	681	237	300	233	282	238	459	-	-	-
	EVAP	-	-	-	B 3.30	3.90	B 5.24	B 5.84	4.93	B 3.21	2.36	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN 04														
PIEDMONT RESEARCH STN														
	WIND	-	-	-	B 1693	995	850	982	856	693	1006	-	-	-
	EVAP	-	-	-	B 5.11	5.86	7.31	8.23	B 6.52	B 4.87	3.80	-	-	-
	MAX TEMP	-	-	-	66.0	81.6	92.8	96.4	91.7	83.5	67.8	-	-	M
	MIN TEMP	-	-	-	46.5	57.3	67.0	70.1	68.2	63.5	43.6	-	-	M
CENTRAL MOUNTAIN 05														
GATHRIGHT DAM														
	WIND	-	-	-	-	725	642	583	710	513	-	-	-	-
	EVAP	-	-	-	-	4.74	5.63	6.00	6.09	B 3.42	-	-	-	-
	MAX TEMP	-	-	-	-	76.3	83.0	86.5	83.2	74.0	M 60.3	-	-	M
	MIN TEMP	-	-	-	-	51.6	59.0	62.4	60.7	54.3	M 39.2	-	-	M
SOUTHWESTERN MOUNTAIN 06														
MARION EVAP STATION														
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

VIRGINIA
1987

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 58W	1920	20	20	0			
ALLISONIA 2 S	0135	06	PULASKI	36 54	80 44W	1850	0	37	0			
ALTAVISTA	0166	03	CAMPBELL	37 6	79 18W	510	0	43	0			
AMELIA 4 SW	0187	02	AMELIA	37 18	78 2W	360	20	20	0			
APPOMATTOX	0243	03	APPOMATTOX	37 22	78 50W	910	27	50	0			
ASHLAND	0327	02	HANOVER	37 45	77 29W	220	76	76	0			
BACK BAY WL REF	0385	01		36 40	75 55W	5	36	36	0			
BEDFORD	0551	03	BEDFORD	37 21	79 31W	975	60	74	0			
BERRYVILLE	0670	04	CLARKE	39 9	77 59W	600	37	47	0			
BIG MEADOWS	0720	04	MADISON	38 31	78 26W	3535	53	53	0			
BLACKSBURG 3 SE	0766	06	MONTGOMERY	37 11	80 25W	2000	37	37	0			
BLAND	0792	06	BLAND	37 6	81 6W	2000	0	38	0			
BREMO BLUFF	0993	02	FLUVANNA	37 42	78 18W	225	3	48	0			
BROOKNEAL	1082	03	CAMPBELL	37 3	78 56W	445	12	38	0			
BUCHANAN	1121	05	BOTETOURT	37 32	79 41W	880	68	85	0			
BUCKINGHAM	1136	02	BUCKINGHAM	37 33	78 33W	460	0	53	0			
BUENA VISTA	1159	05	ROCKBRIDGE	37 44	79 21W	840	0	51	0			
BURKES GARDEN	1209	06	TAZEWELL	37 5	81 20W	3300	91	93	0			
BYLLESBY 3 W	1259	06	CARROLL	36 48	80 59W	2610	0	23	0			
CAMP PICKETT	1322	02	NOTTOWAY	37 2	77 57W	330	17	17	0			
CHARLOTTE COURT HOUSE 3 W	1585	03	CHARLOTTE	37 4	78 42W	590	42	42	0			
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	38 2	78 31W	870	85	112	0			
CHASE CITY	1606	02	MECKLENBURG	36 50	78 28W	510	41	41	0			
CHATHAM	1614	03	PITTSYLVANIA	36 49	79 24W	640	65	65	0			
CLARKSVILLE	1746	02	MECKLENBURG	36 37	78 34W	310	0	97	0			
CLIFTON FORGE 2 NW	1801	05	ALLEGHANY	37 51	79 50W	1400	0	3	0		JUNE	
COLONIAL BEACH	1913	01	WESTMORELAND	38 15	76 58W	10	26	26	0			
CONCORD 5 S	1955	03	CAMPBELL	37 17	78 58W	650	0	39	0			
COPPER HILL 1 NNE	1999	06	FLOYD	37 6	80 8W	2720	0	47	0			
CORBIN	2009	02	CAROLINE	38 12	77 22W	220	30	30	0			
COVINGTON	2041	05	ALLEGHANY	37 48	80 0W	1245	0	51	0			
COVINGTON FILT PLANT	2044	05	ALLEGHANY	37 48	80 0W	1230	28	28	0			
CRAIGSVILLE 2 S	2064	05	AUGUSTA	38 3	79 23W	1780	0	26	0			
CROZIER	2142	02	GOOCHLAND	37 38	77 48W	300	13	50	0			
CUMBERLAND	2160	02	CUMBERLAND	37 30	78 15W	460	0	10	0			
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56W	1400	106	108	0			
DANVILLE-BRIDGE ST	2245	03	PITTSYLVANIA	36 35	79 23W	410	71	98	0			
DRIVER 4 NE	2504	01	NANSEMOND	36 53	76 29W	20	0	45	0			
EARLEHURST	2600	05	ALLEGHANY	37 40	80 14W	2040	0	13	0			
EMPORIA 1 WNW	2790	01	GREENSVILLE	36 41	77 33W	100	6	58	0			
FARMVILLE 2 N	2941	02	CUMBERLAND	37 20	78 23W	450	67	69	0			
FLOYD 2 NE	3071	06	FLOYD	36 56	80 18W	2600	56	56	0			
FREDERICKSBURG NATL PK	3192	01	SPOTSYLVANIA	38 19	77 27W	90	95	97	0			
FREE UNION	3213	03	ALBEMARLE	38 9	78 34W	570	0	34	0			
GALAX RADIO WBOB	3267	06	CARROLL	36 40	80 55W	2385	34	45	0			
GATHRIGHT DAM	3310	05	ALLEGHANY	37 57	79 57W	1770	10	10	0			
GLASGOW 1 SE	3375	05	ROCKBRIDGE	37 37	79 26W	740	0	22	0			
GLEN LYN	3397	06	GILES	37 22	80 52W	1520	48	75	0			
GORDONSVILLE 3 S	3466	02	LOUISA	38 5	78 11W	460	0	28	0			
GOSHEN	3470	05	ROCKBRIDGE	37 59	79 30W	1350	0	49	0			
GRUNDY	3640	06	BUCHANAN	37 16	82 5W	1170	28	38	0			
HILLSVILLE	3991	06	CARROLL	36 44	80 44W	2590	0	46	0			
HOLCOMBS ROCK	4039	03	BEDFORD	37 30	79 16W	575	0	28	0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

VIRGINIA
1987

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	
HOLLAND 1 E	4044	01	PR GEORGE	36 41	76 47W	80	56	56	0			
HOPEWELL	4101	01	BATH	37 18	77 18W	40	96	101	0			
HOT SPRINGS	4128	05	BEDFORD	38 0	79 50W	2238	95	97	0			C H
HUDDLESTON 4 SW	4148	03	GRAYSON	37 8	79 32W	970	0	39	0			
INDEPENDENCE 2	4234	06	DICKENSON	36 39	81 10W	2610	0	36	0			
JOHN W FLANNAGAN LAKE	4410	06	MECKLENBURG	37 14	82 21W	1462	0	20	0			C
JOHN H KERR DAM	4414	02	ROCKBRIDGE	36 36	78 17W	250	40	40	37			C
KERRS CREEK 6 WNW	4565	05	PRINCE EDWARD	37 51	79 35W	1500	0	27	0			
KEYSVILLE 8 N	4568	02		37 10	78 31W	550	0	10	0			
KILMARNOCK 1 N	4600	01	LANCASTER	37 43	76 23W	60	10	10	0			
LAFAYETTE 1 NE	4676	06	MONTGOMERY	37 14	80 13W	1380	0	38	0			
LANGLEY AFB	4720	01		37 5	76 21W	10	103	152	0			
LAWRENCEVILLE 5 W	4768	02	BRUNSWICK	36 46	77 56W	300	43	43	0			
LEXINGTON	4876	05	ROCKBRIDGE	37 47	79 26W	1060	110	117	0			H
LINCOLN	4909	04	LOUDOUN	39 7	77 43W	500	87	88	0			H
LOUISA	5050	02	LOUISA	38 2	78 0W	420	73	73	0			H
LURAY 5 E	5096	04	PAGE	38 40	78 23W	1200	47	47	0			H
LYNCHBURG WSO AP	R5120	03	CAMPBELL	37 20	79 12W	916	117	117	0			C H J
MANASSAS 3 NW	5213	04	PR WILLIAM	38 47	77 30W	330	41	72	0		JUNE	
MARION EVAP STATION	5271	06	SMYTH	36 49	81 31W	2100	29	29	29			
MARTINSVILLE FILT PL	5300	03	HENRY	36 42	79 53W	760	49	57	0			
MATHEWS 2 ENE	5338	01	MATHEWS	37 27	76 17W	5	38	38	0			H
MC DOWELL 3 W	5416	05	HIGHLAND	38 21	79 32W	2400	0	9	0			
MEADOWS OF DAN 5 SW	5453	03	PATRICK	36 40	80 27W	1500	0	39	0			
MILLGAP 2 NNW	5595	05	HIGHLAND	38 21	79 43W	2520	0	13	0			C
MILL RUN FARM	5599	05	BATH	38 13	79 44W	2080	0	4	0		SEPT	
MONTEBELLO 2 NE	5685	03	NELSON	37 53	79 8W	2680	0	51	0			
MONTEREY	5698	05	HIGHLAND	38 25	79 35W	2920	47	63	0		JAN	H
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	780	7	7	0			
MOUNTAIN GROVE	5756	05	BATH	38 6	79 53W	1767	0	13	0			
MT LAKE BIOLOGICAL STA	5828	06	GILES	37 23	80 32W	3870	18	18	0			H
MOUNT WEATHER	5851	04	LOUDOUN	39 4	77 53W	1720	84	85	0			C H
NEW CASTLE	6012	05	CRAIG	37 30	80 6W	1310	0	50	0			
NEWPORT 2 NNW	6046	06	GILES	37 19	80 31W	2060	0	43	0			
NORFOLK WSO AP	6139	01		36 54	76 12W	22	43	43	0			C H J
NORTH FORK LAKE	6173	06	WISE	37 8	82 38W	1675	0	20	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	33	33	0			C
PALMYRA 1 E	6491	02	FLUVANNA	37 52	78 15W	410	0	32	0			
PEDLAR DAM	6593	03	AMHERST	37 40	79 17W	1013	0	54	0			
PENNINGTON GAP	6626	06	LEE	36 45	83 3W	1510	56	56	0			
PHILPOTT DAM 2	6692	03	HENRY	36 47	80 2W	1123	36	36	36			C
PIEDMONT RESEARCH STN	6712	04	ORANGE	38 13	78 7W	515	41	42	16			C
POWHATAN	6906	02	POWHATAN	37 33	77 56W	370	0	29	0			C
PULASKI	6955	06	PULASKI	37 4	80 47W	1850	28	28	0			
RADFORD	6999	06		37 8	80 33W	1730	0	21	0			
RICHARDSVILLE	7164	04	CULPEPER	38 24	77 44W	345	48	48	0		JUNE	C
RICHMOND WSO AP	7201	02	HENRICO	37 30	77 20W	164	51	51	0			C H J
ROANOKE WSO AP	7285	05	ROANOKE	37 19	79 58W	1149	54	56	0			C
ROCKFISH	7312	03	NELSON	37 48	78 45W	485	0	51	0			
ROCKY MOUNT	7338	03	FRANKLIN	37 0	79 54W	1232	95	95	0			
ROSELAND 1 NNW	7402	03	NELSON	37 48	78 59W	880	0	3	0		MAY	
SOUTH BOSTON	7925	03	HALIFAX	36 42	78 53W	340	33	33	0			
SPEEDWELL	7971	06	WYTHE	36 49	81 10W	2340	0	46	0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

VIRGINIA
1987

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	
STAFFORDSVILLE 3 ENE	80222	06	GILES	37 16	80 43 W	1950	19	37	0			
STAUNTON SEWAGE PLANT	80622	05	AUGUSTA	38 9	79 2 W	1385	96	102	0			C H
STERLING (IRCS)	8084	04	LOUDOUN	38 59	77 28 W	280	12	12	0			
STONY CREEK 3 ESE	8129	01	SUSSEX	36 55	77 21 W	70	30	30	0			C
STUART 1 SSE	8170	03	PATRICK	36 38	80 16 W	1455	29	29	0			
SUFFOLK LAKE KILBY	8192	01		36 44	76 36 W	22	42	42	0			
TANGIER ISLAND	8323	01	ACCOMACK	37 50	76 0 W	5	36	36	0			
THE PLAINS 2 NNE	8396	04	FAUQUIER	38 54	77 45 W	530	0	43	0			C
TIMBERVILLE 3 E	8448	05	ROCKINGHAM	38 39	78 43 W	1000	46	57	0			
TROUT DALE 3 SSE	8547	06	GRAYSON	36 40	81 24 W	2820	0	53	0			C
TYE RIVER 1 SE	8600	03	NELSON	37 38	78 56 W	720	26	50	0			
VIENNA DUNN LORING	8737	04	FAIRFAX	38 54	77 13 W	418	0	40	0			
WAKEFIELD 2	8800	01	SUSSEX	36 59	77 0 W	90	14	14	0			
WALKERTON 2 NW	8829	01	KING & QUEEN	37 45	77 3 W	50	55	56	0			
WALLACETON LK DRUMMOND	8837	01		36 36	76 26 W	25	0	62	0			
WARRENTON 3 SE	8888	04	FAUQUIER	38 41	77 46 W	500	38	38	0			H
WARSAW 2 NW	8894	01	RICHMOND	37 59	76 46 W	140	38	38	0			H
WASH DULLES WSO AP	8903	04	LOUDOUN	38 57	77 27 W	290	27	27	0			H H H J
WASH NATL WSCMO AP	R 8906	04	ARLINGTON	38 51	77 2 W	10	48	48	0			C H J
WEST AUGUSTA	8975	05	AUGUSTA	38 16	79 19 W	1890	0	9	0			
WEST POINT 2 SW	9025	01	NEW KENT	37 31	76 50 W	18	35	35	0			C H
WILLIAMSBURG 2 N	9151	01	YORK	37 18	76 42 W	70	38	43	0			C
WILLIS	9169	06	FLOYD	36 51	80 29 W	2900	0	10	0			
WINCHESTER "WINC"	9181	04	FREDERICK	39 11	78 9 W	720	7	7	0	JAN		
WINCHESTER 3 ESE	9186	04	FREDERICK	39 11	78 7 W	680	83	82	0			H
WINTERPOCK 4 W	9213	02	CHESTERFIELD	37 20	77 39 W	300	0	10	0			C H
WISE 1 SE	9215	06	WISE	36 58	82 34 W	2570	34	34	0			C H
WOODSTOCK 2 NE	9263	04	SHENANDOAH	38 54	78 28 W	660	90	96	0			C H
WOOLWINE	9272	03	PATRICK	36 43	80 17 W	1520	0	38	0			C
WYTHEVILLE 1 S	9301	06	WYTHE	36 56	81 5 W	2450	85	115	0			C

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

VIRGINIA
1987

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.

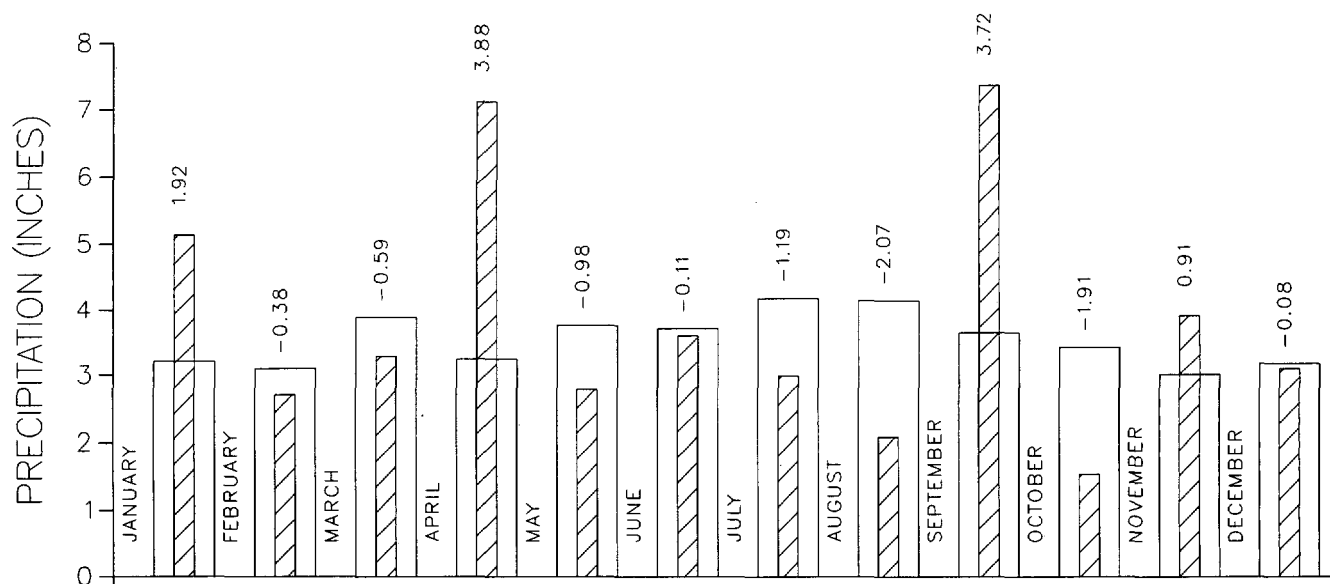
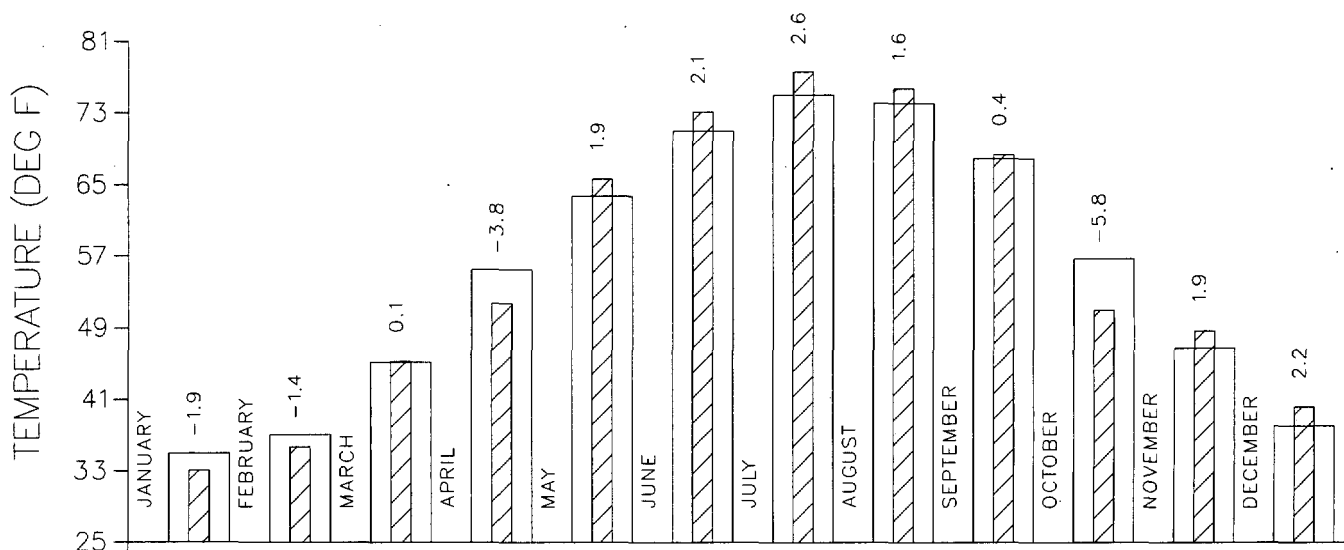
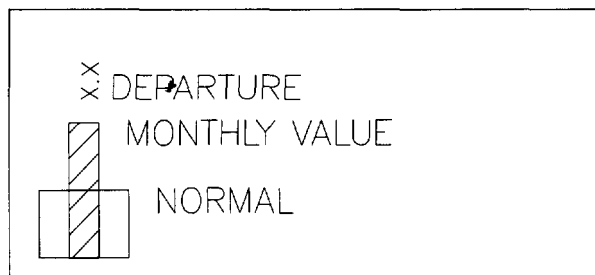
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FEDERAL BUILDING
ASHEVILLE, N. C. 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. 1987-0685

TEMPERATURE AND PRECIPITATION AREALLY WEIGHTED STATE AVERAGES AND DEPARTURES FROM NORMAL (1951-1980) FOR 1987

VIRGINIA



MONTHS

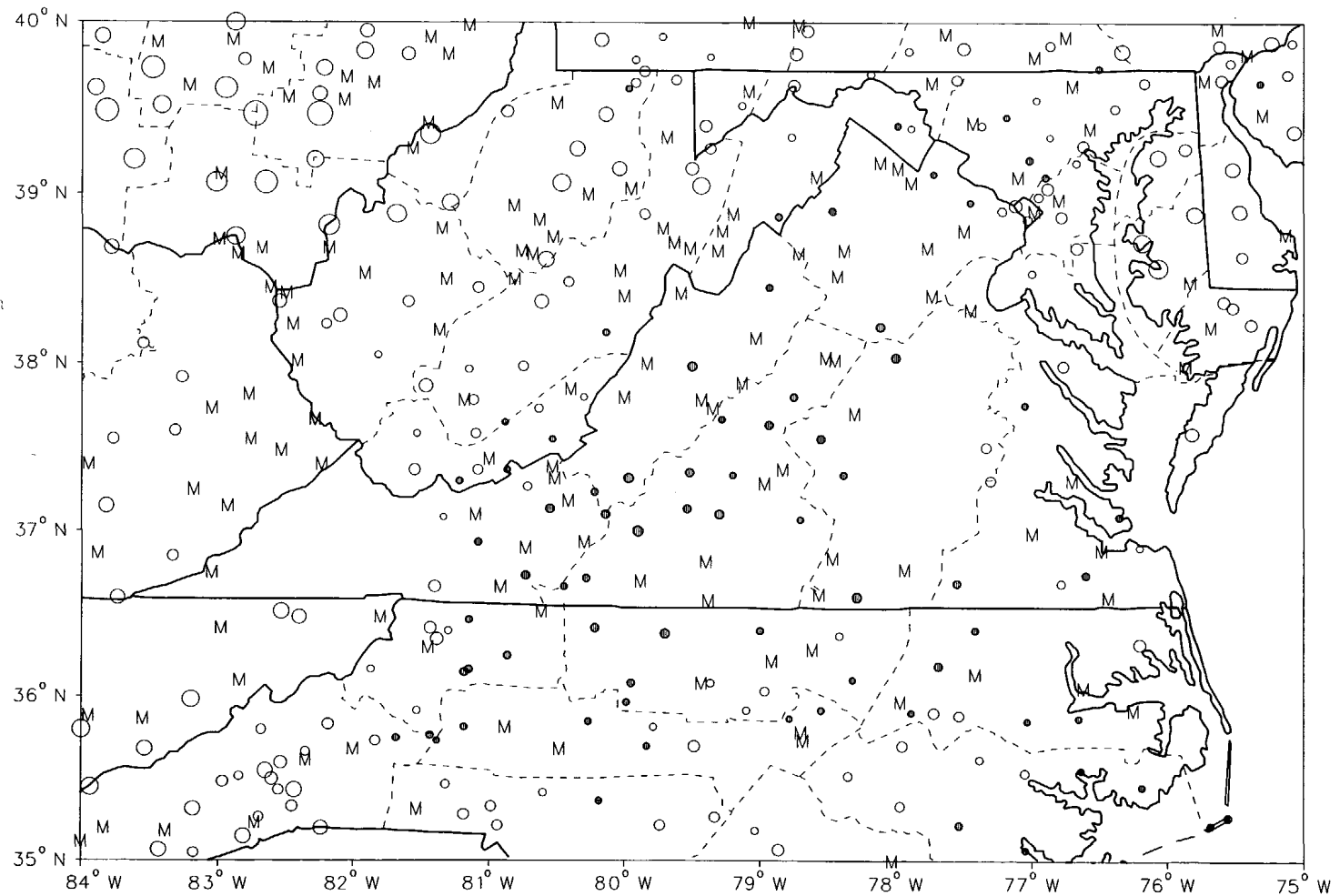
CUMULATIVE ANNUAL PRECIPITATION DEPARTURE FROM INDIVIDUAL STATION NORMALS (1951-1980) FOR 1987 VIRGINIA

M INCOMPLETE DATA FOR THE PERIOD

▽ EXACTLY NORMAL

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

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



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

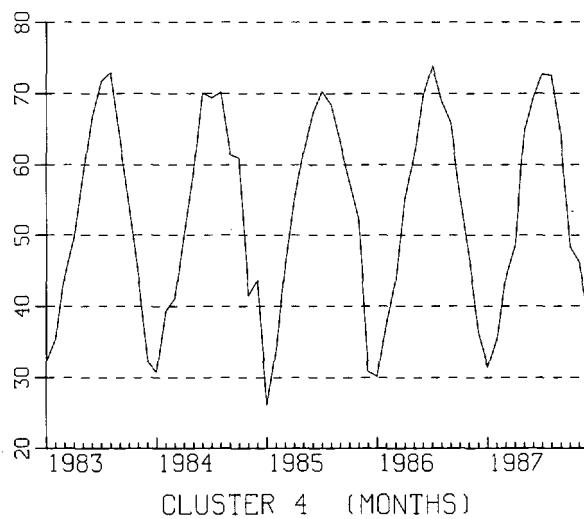
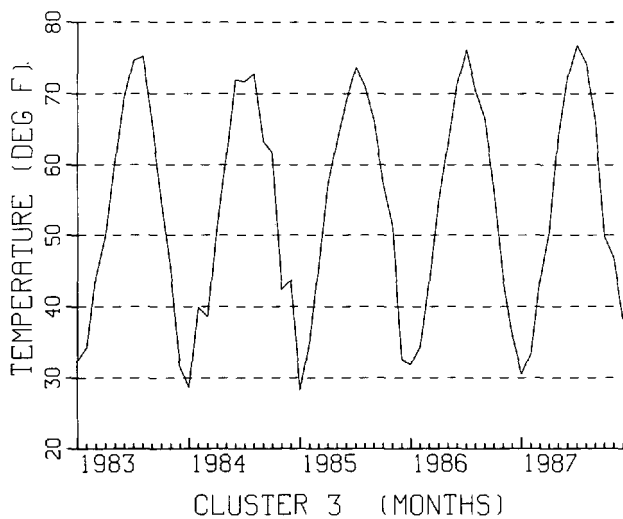
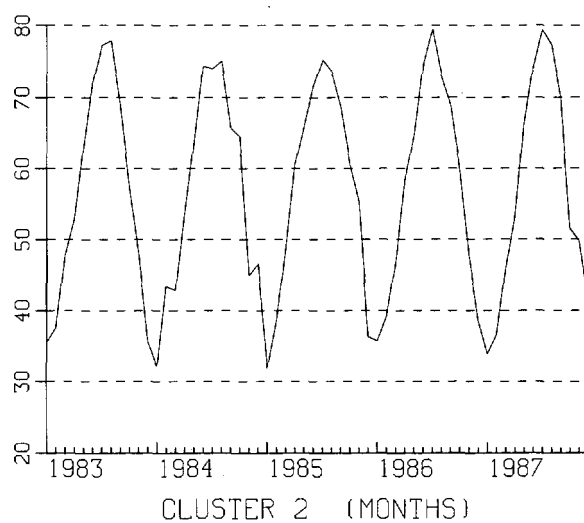
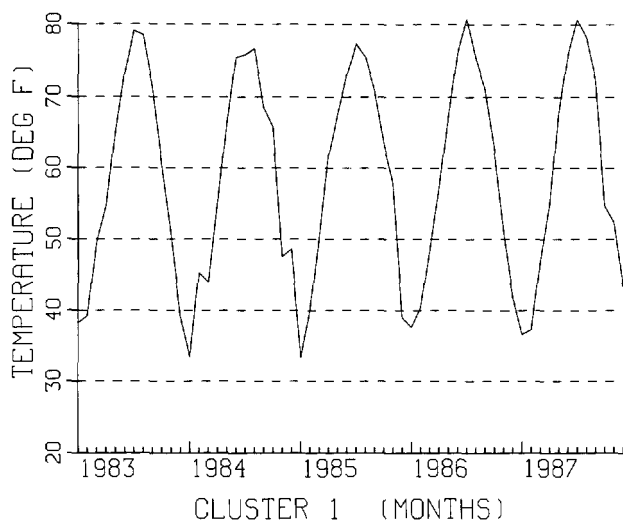
MONTHLY TEMPERATURE FOR THE LAST 60 MONTHS ENDING DECEMBER 1987 VIRGINIA

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



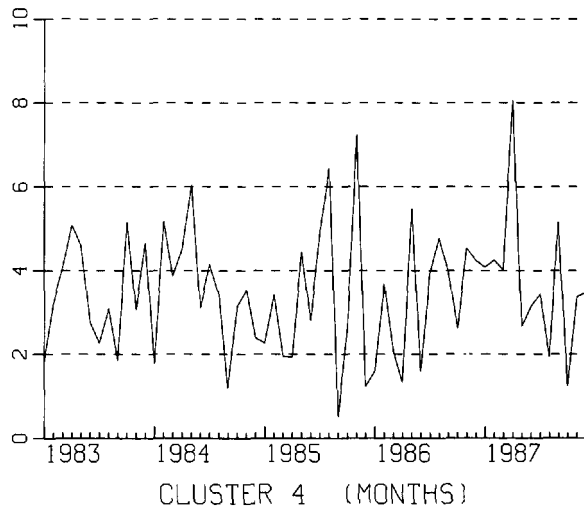
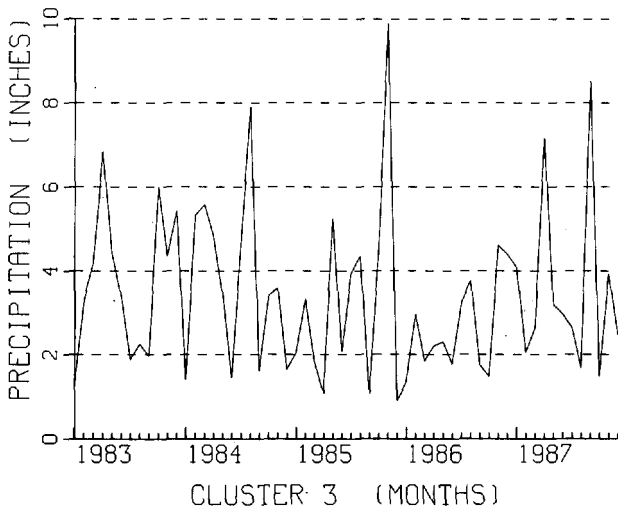
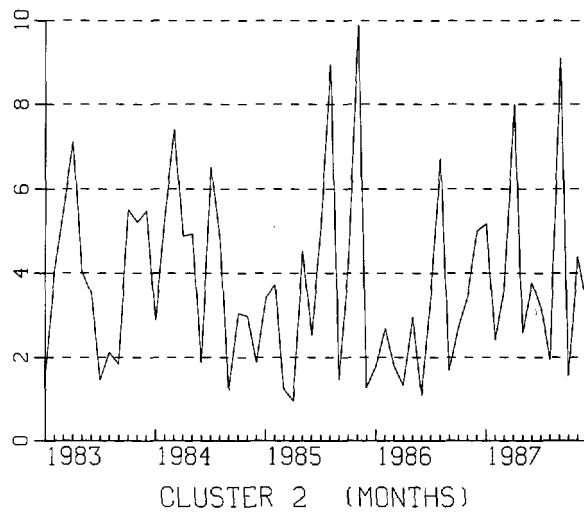
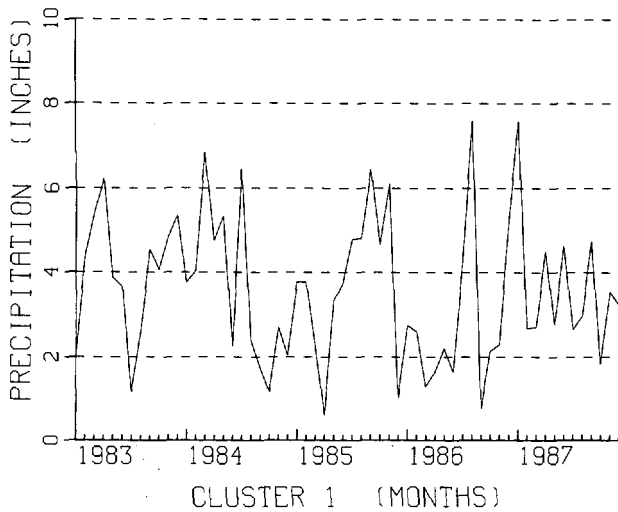
MONTHLY PRECIPITATION FOR THE LAST 60 MONTHS ENDING DECEMBER 1987 VIRGINIA

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



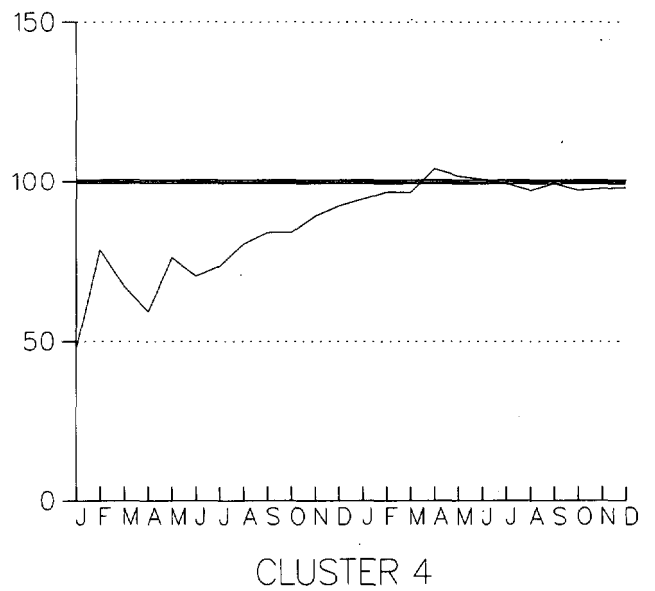
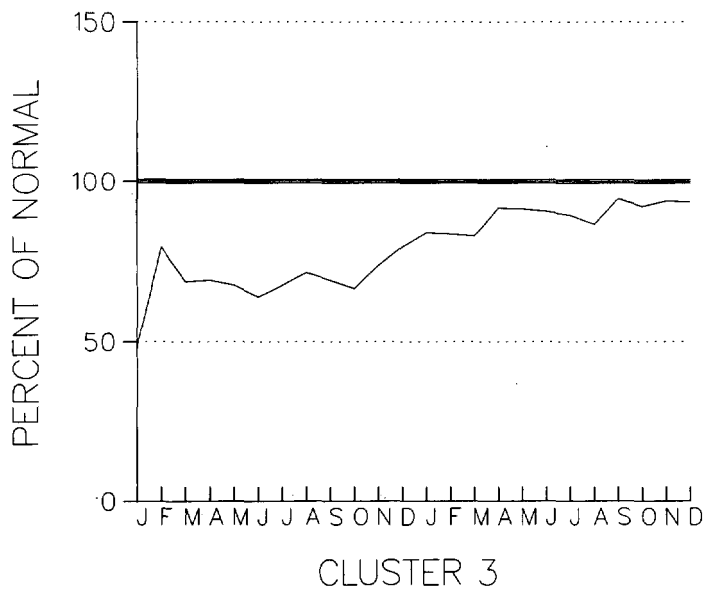
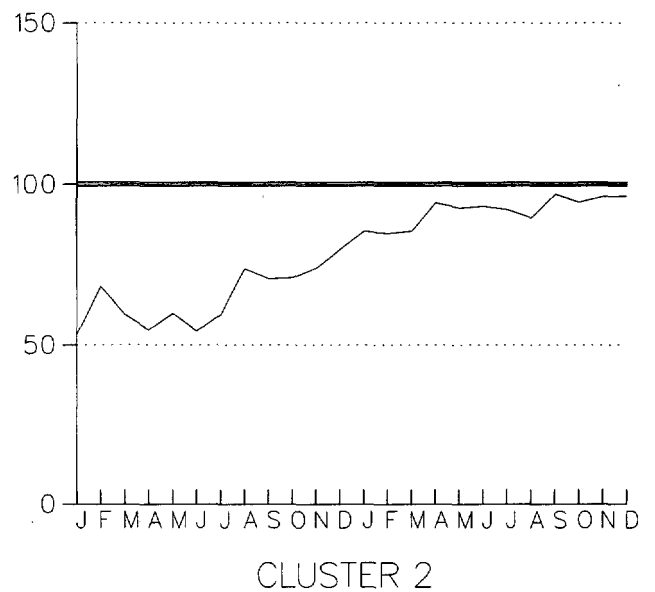
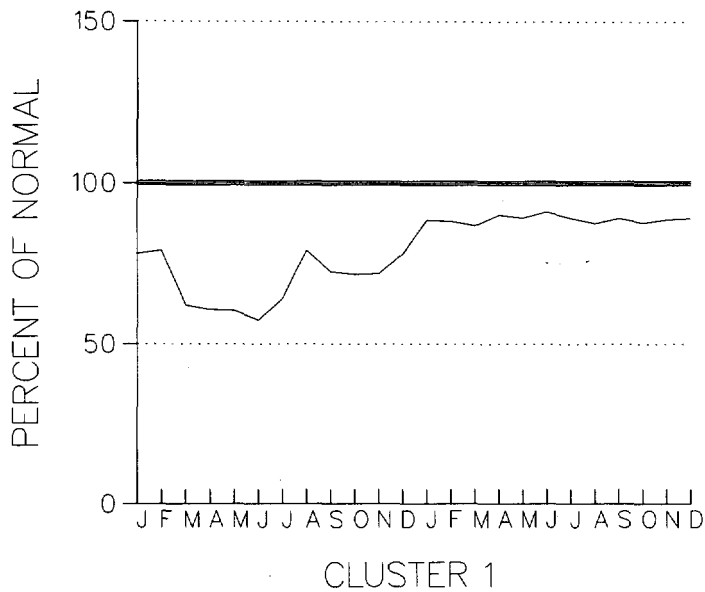
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
FOR THE LAST 24 MONTHS
ENDING DECEMBER 1987
VIRGINIA

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



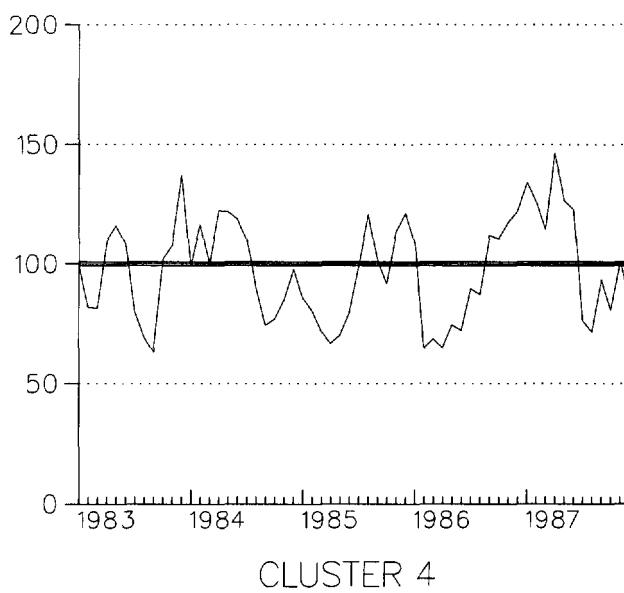
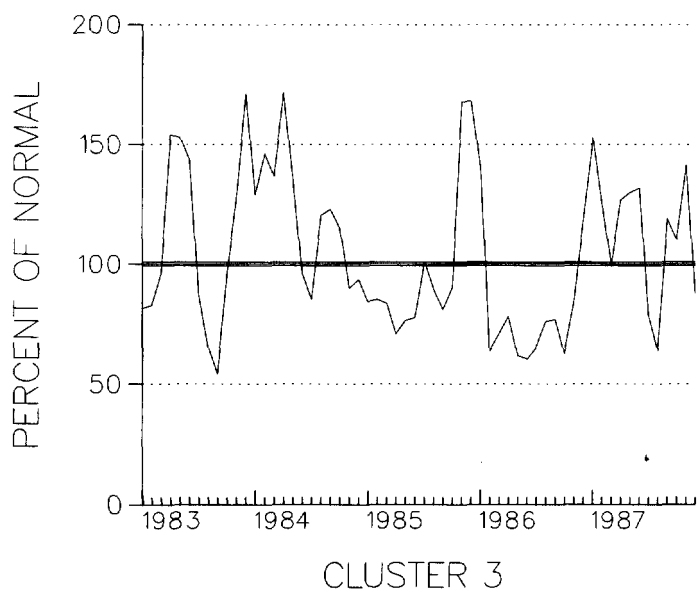
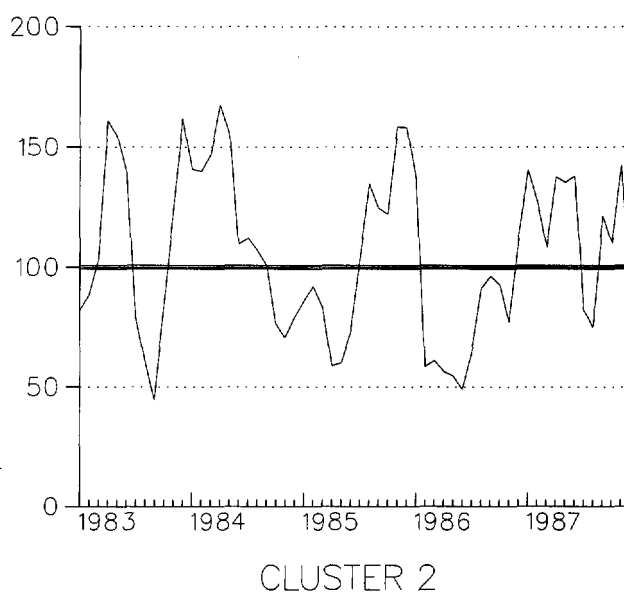
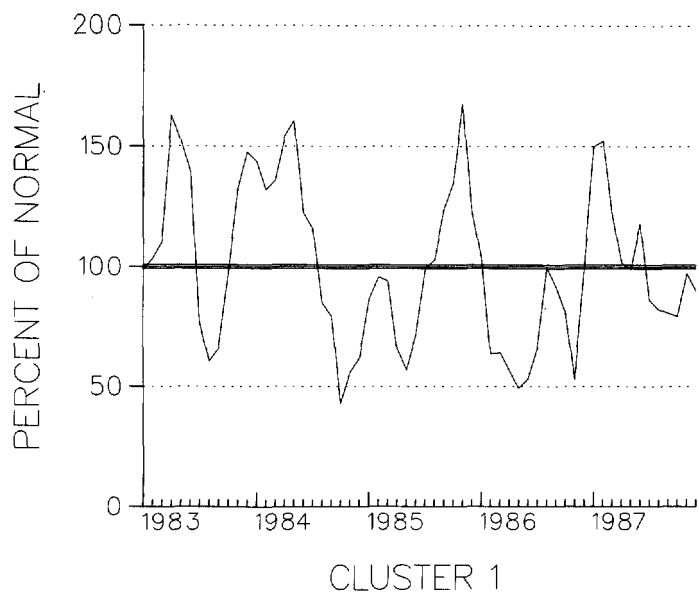
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1987 DATA
VIRGINIA

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



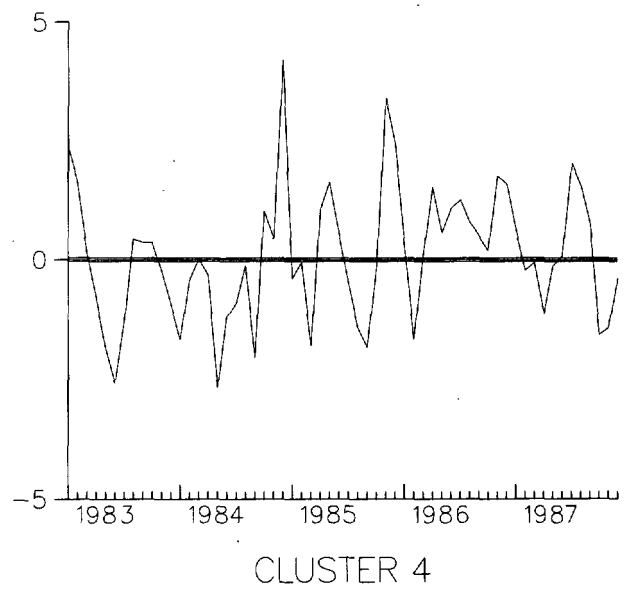
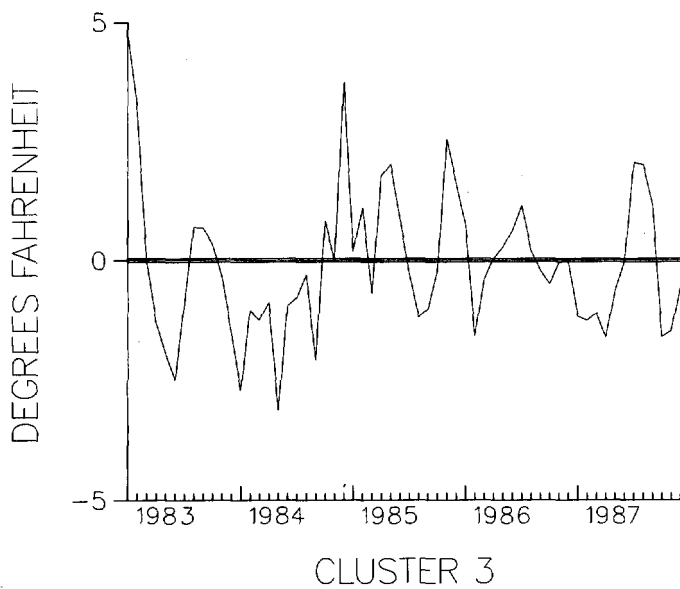
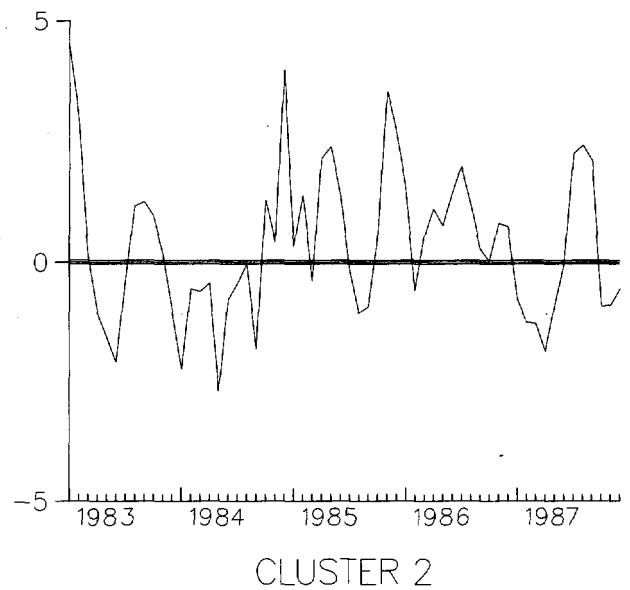
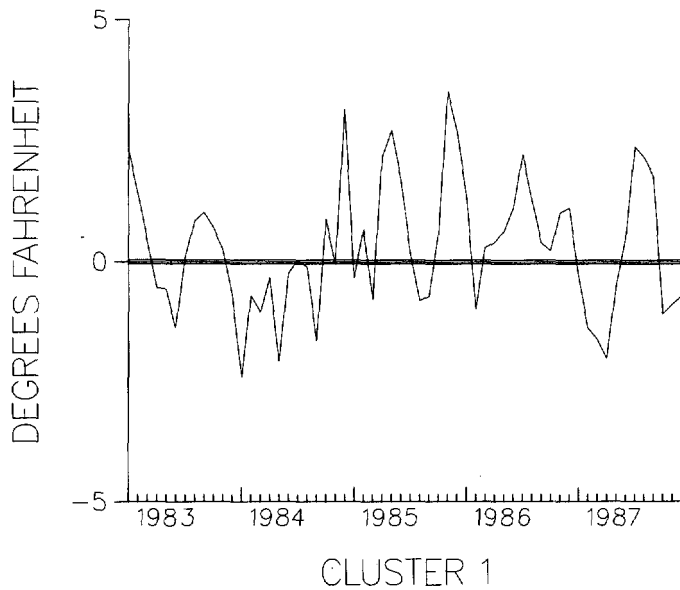
TEMPERATURE DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1987 DATA
VIRGINIA

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



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

STATUTE MILES



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



MONTHLY PRECIPITATION TOTALS													ANNUAL 1987 NORTH CAROLINA		
STATION	ANNUAL	MONTH										SEP	OCT	NOV	DEC
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG						
NORTH CAROLINA															
ASHEVILLE WSO AP	34.57	1.11	1.85	2.75	0.57	3.55						4.19	5.28	4.28	
ASHEVILLE	25.67	0.71	1.57	1.81	0.53	2.82						2.77	4.15	2.94	
ASHFORD	36.74E	1.20	2.70	2.30	0.54E							2.80	4.90	4.80	
BADIN	-	-	1.30	2.60	1.20							2.40	4.10	2.90	
B EVERETT JORDAN DAM	-	1.70	1.50	3.60								-	1.70	-	
BOOMER 5 WSO	-	1.00	2.10												
BURLINGTON 3 WNE	-	0.80	1.92E												
CAPE HATTERAS WSO	48.85	5.75													
CARHAGE 8 SE	-	1.70													
CATALDOCHEE	-	0.50													
CHARLOTTE WSO AP	26.91														
CLINTON 2 NE	35														
DALTON															
DODSON															
EDEN															
ELIZABETH															
ELI															
FAYE															
FRANKS															
GREENS															
GREENVILLE															
HELTON															
HOBOKEN															
LAKE LURE															
LAURINBURG															
LEXINGTON															
MOORESVILLE 2															
MOOREHEAD CITY															
MOUNT PLEASANT															
N WILKESBORO 12															
POLKTON 2 NE															
QUEBEC															
RALEIGH-DURHAM WSO															
ROANOKE RAPIDS															
ROARING GAP 1 NW															
SHELBY 2															
SNEADS FERRY 2 ENE															
SHANNANDA 2 SSE															
WILMINGTON WSO AP															
WILSON 3 SW															
YADKINVILLE 6 E	28														

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NORTH CAROLINA
DECEMBER 1987
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VOLUME 37 NUMBER 12

75.0
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80.0
81.0

NORTH CAROLINA

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VOLUME 37 NUMBER 12

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ISSN 0364-6319

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NORTH CAROLINA

JANUARY 1987

VOLUME 37 NUMBER 1



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

SHELF STOCK of the printed publication is maintained only for the most recent 3 years. Earlier years are available on microfiche or paper copies reproduced from microfiche. The data is also available in digital form - on magnetic tape or floppy disk.

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