

CLIMATOLOGICAL DATA ANNUAL SUMMARY

VIRGINIA

1984

VOLUME 94 NUMBER 13



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28801

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ASHEVILLE NORTH CAROLINA

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1984

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	3.31		5.20		3.87		2.11		5.72		.48	
COLONIAL BEACH	3.28		1.97		6.23		4.22		5.18		2.20	
DRIVER 4 NE	3.08	-.67	3.90	.28	5.60	1.64	5.90	3.03	5.55	1.77	1.62	-2.14
EMPORIA 1 WNW	3.22	-.02	5.19	1.90	5.73	2.27	4.31	1.41	5.85	1.96	2.81	-.67
FREDERICKSBURG NATL PK	2.27	-.84	3.78	.90	7.18	3.34	4.93	1.87	2.89	-.58	2.94	-.70
HOLLAND 1 E	3.98	-.07	3.57	.02	6.41	2.45	6.46	3.41	4.76	.73	1.38	-2.89
HOPEWELL	4.59	1.02	4.75	1.50	7.96	4.28	5.14	1.97	4.75	.93		
KILMARNOCK 1 N	4.25		3.56		8.06		4.72		5.63		2.20	
LANGLEY AFB	3.39	-.33	3.88	.39	4.65	.39	4.68	1.84	5.56	1.79	1.85	-1.89
MATHEWS 2 ENE	3.83		3.66		7.14		4.35		4.77		2.95	
NORFOLK WSO AP	2.77	-.95	4.66	1.38	5.09	1.23	7.25	4.38	6.23	2.48	1.50	-1.95
OYSTER					4.87		2.10		6.95		1.66	
PAINTER 2 W	4.05	.64	4.29	.98	7.02	2.89	5.43	2.51	4.72	1.25	2.32	-1.19
STONY CREEK 3 ESE	3.85		4.15		6.49		4.87		5.85		2.66	
SUFFOLK LAKE KILBY	2.73	-1.17	3.45	-.19	6.12	2.01	7.22	4.27	4.99	1.18	1.50	-2.54
TANGIER ISLAND	4.90		5.87		8.09		3.92		5.11		4.54	
WAKEFIELD 2	3.59		3.99		5.77		4.98		4.19		1.17	
WALKERTON 2 NW	4.56	1.24	3.21	.03	9.47	5.80	4.66	1.72	7.00	3.14	1.58	-2.45
WALLACETON LK DRUMMOND	3.92	-.11	6.20		6.48	2.46			7.07	2.93	1.45	-2.55
WARSAW 2 NW	4.06	.89	2.35	-.39	10.57	7.06	4.12	1.16	7.07	3.06	1.89	-1.80
WEST POINT 2 SW	4.90		3.40		8.50		4.44		4.97		2.94	
WILLIAMSBURG 2 N	4.15	.41	3.56	.07	7.02	2.80	5.27	2.29	5.67	1.27	3.75	-.46
--DIVISIONAL DATA-->	3.77	.26	3.92	.69	6.81	2.88	4.76	1.84	5.31	1.61	2.23	-1.47
EASTERN PIEDMONT 02												
AMELIA 4 SW	3.91		6.44		8.31		5.38		5.63		1.06	
ASHLAND	4.13		4.26		9.36		5.29		5.79		1.24	
BREMO BLUFF	1.92	-1.16	5.38	2.30	9.32	5.51	7.24	4.32	2.63	-1.10	1.22	-2.38
BUCKINGHAM	1.79	-1.30	4.53	1.59	6.95	3.23	6.11	2.96	3.17	-.63	.53	-2.79
CAMP PICKETT	4.34		7.97		7.42		3.93		4.38		1.53	
CHASE CITY	1.96	-1.80	4.03	.57	12.46	8.92	4.78	1.65	7.60	4.17	4.64	1.07
CLARKSVILLE	3.78	.15	3.53		5.96	2.17	4.07	.90	4.29	.60	2.79	-.82
COLUMBIA 2 SSE	1.37	-1.59	5.24	2.47	5.86	2.35	7.57	4.58	3.75	.13	1.34	-1.84
CORBIN	2.56		3.64		9.11		5.19		3.40		3.63	
CROZIER	4.11		5.54		8.35		6.08		6.80		1.06	
CUMBERLAND	2.94		5.51		7.11		6.01		3.63		3.04	
FARMVILLE 2 N	3.84	.38	4.10	.80	7.68	3.79	3.30	.14	3.30	-.52	1.62	-2.01
GORDONSVILLE 3 S	1.53		5.61		7.09		5.47		4.96		3.22	
JOHN H KERR DAM	2.89	-.51	4.48	1.23	7.59	4.00	5.90	2.91	5.63	2.06	2.86	-.54
KEYSVILLE 8 N	3.92		1.20		3.60		2.52		2.80		.64	
LAWRENCEVILLE 5 W	4.23	.61	8.53	4.85	7.24	3.25	4.48	1.40	4.86	.91	1.57	-2.44
LOUISA	1.87	-1.20	6.86	3.79	6.64	2.83	5.46	2.42	4.08	.69	1.17	-2.77
PALMYRA 1 E	1.73		5.43		7.37		5.52		3.79		.86	
PETERSBURG	2.57		5.82		8.61		4.95		4.58		3.17	
POWHATAN	3.70		6.76		7.71		4.68		4.63		1.00	
RICHMOND WSO AP	3.98	.75	3.97	.84	8.65	5.08	5.92	3.02	4.52	.97	2.01	-1.59
WINTERPOCK 4 W	4.22		5.24		9.04		4.45		4.20		1.89	
--DIVISIONAL DATA-->	3.27	-.05	5.42	2.23	8.22	4.46	5.27	2.18	4.98	1.32	1.98	-1.68

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1984

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	7.40		3.59		6.43		.47		2.42		1.84		42.84	
COLONIAL BEACH	9.19		7.14		.94				3.14					
DRIVER 4 NE	13.32	8.46	2.99	-2.40	2.71	-1.52	.96	-2.64	1.81	-1.24	2.90	-.50	50.34	4.07
EMPORIA 1 WNW	6.16	1.25	3.47	-.95	1.29	-2.36	1.08	-1.88	2.24	-.59	2.37	-1.02	43.72	1.30
FREDERICKSBURG NATL PK	5.40	1.72	5.07	.66	1.45	-1.91	2.71	-.49	4.21	1.17	1.34	-1.96	44.17	3.18
HOLLAND 1 E	8.60	3.38	3.92	-1.52	3.06	-1.02	.93	-3.11	2.44	-.56	2.77	-.69	48.28	.13
HOPEWELL	4.55	-.50	2.94	-1.68	1.37	-2.72	1.76	-1.87	2.96	-.12	1.87	-1.52		
KILMARNOCK 1 N	6.08		1.72		.93		.84		3.55		1.89		43.43	
LANGLEY AFB	7.08	2.28	.60	-4.17	.94	-3.66	.65	-2.74	2.30	-.61	2.12	-1.14	37.70	-7.85
MATHEWS 2 ENE	6.19		1.22		1.75		.91		2.62		2.23		41.62	
NORFOLK WSO AP	7.66	2.51	2.25	-3.08	1.94	-2.41	.57	-2.84	2.68	-.20	2.22	-.95	44.82	-.40
OYSTER	4.20		.95		1.43									
PAINTER 2 W	4.00	-.10	.70	-3.58	2.08	-1.33	1.43	-2.14	2.14	-.82	2.21	-1.16	40.39	-2.05
STONY CREEK 3 ESE	7.10		3.95		1.43		.61		1.98					
SUFFOLK LAKE KILBY	8.45	3.46	3.09	-2.11	2.88	-1.40	.59	-3.04	2.04	-.90	2.64	-.80	45.70	-1.23
TANGIER ISLAND	4.38		.51		.70		.49		2.30		2.51		43.32	
WAKEFIELD 2	10.13		2.48		2.06		.54		2.02		2.19		43.11	
WALKERTON 2 NW	5.56	.85	3.60	-1.26	.61	-3.07	2.54	-.86	3.40	-.08	1.43	-1.97	47.62	3.09
WALLACETON LK DRUMMOND	13.53	8.56	3.51	-2.01	3.30	-.87			2.48	-.38	2.60	-1.00		
WARSAW 2 NW	3.77	-.61	2.88	-1.45	.87	-3.32	2.94	-.59	3.78	.48	1.30	-1.90	45.60	2.59
WEST POINT 2 SW	4.70		1.11		1.42		.57		2.41		1.65		41.01	
WILLIAMSBURG 2 N	8.26	3.03	1.47	-3.21	1.36	-3.06	1.08	-2.48	2.90	-.31	2.12	-1.31	46.61	-.96
--DIVISIONAL DATA----->	6.44	1.92	2.63	-2.09	1.75	-2.19	1.15	-2.24	2.71	-.32	2.04	-1.24	43.52	-.35
EASTERN PIEDMONT 02														
AMELIA 4 SW	5.51		4.73		1.18		1.03		3.81		1.93		48.92	
ASHLAND	4.96		2.72		.69		2.72		3.76		1.62		46.54	
BREMO BLUFF	3.32	-.18	2.42	-1.64	.36	-2.72	3.73	-.09	1.87	-1.15	1.94	-1.19	41.35	.70
BUCKINGHAM	6.42	2.66	5.72	1.70	1.04	-2.68	3.50	-.05	5.06	2.11	2.30	-.83	47.12	5.97
CAMP PICKETT	5.66		2.54		.96		2.54		3.32		2.10		46.69	
CHASE CITY	7.62	3.90	4.09	.23	.98	-2.48	5.80	2.33	2.32	-.88	3.84	.66	60.12	18.34
CLARKSVILLE	6.91	3.10	1.82	-2.32	.57	-2.77	2.83	-.26	2.00	-.98	2.13	-1.05	40.68	
COLUMBIA 2 SSE	5.67	2.04	2.96	-1.05	1.06	-2.31	2.48	-1.44	3.21	.21	1.79	-1.23	42.30	2.32
CORBIN	5.66		2.77		1.69		3.84		4.21		1.33		47.03	
CROZIER	4.81		4.43		.54		3.29		5.19		1.72		51.92	
CUMBERLAND	3.63		7.45		.56		3.20		3.36		2.02		48.46	
FARMVILLE 2 N	5.49	1.25	4.70	.63	.56	-2.82	5.10	1.59	2.67	-.50	1.96	-1.34	44.32	1.39
GORDONSVILLE 3 S	10.61		3.88		.80		2.92		2.82		1.56		50.47	
JOHN H KERR DAM	8.01	3.70	3.10	-.69	2.02	-1.49	2.02	-1.40	2.52	-.56	2.39	-.83	49.41	7.88
KEYSVILLE 8 N	7.54		3.71		2.07		1.39		1.34		1.18		31.91	
LAWRENCEVILLE 5 W	7.73	3.67	3.86	-.31	3.04	-.80	1.52	-2.05	4.00	.87	2.36	-1.29	53.42	8.67
LOUISA	4.70	.84	4.20	-.26	1.86	-1.40	2.43	-1.20	3.48	.32	1.66	-1.73	44.41	2.33
PALMYRA 1 E	4.96		6.61		1.38		4.11		2.81		1.28		45.85	
PETERSBURG	5.25		2.38		1.68		.74		1.83		1.65		43.23	
POWHATAN	3.49		1.86		.66		3.07		3.94		1.71		43.21	
RICHMOND WSO AP	3.55	-1.59	4.58	-.43	1.86	-1.66	2.14	-1.60	3.34	.05	1.52	-1.87	46.04	1.97
WINTERPOCK 4 W	7.52		3.35		.85		2.55		3.86		1.94		49.11	
--DIVISIONAL DATA----->	5.78	1.64	3.72	-.64	1.37	-2.32	3.08	-.61	3.49	.34	2.02	-1.28	48.60	5.59

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VIRGINIA
1984

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
WESTERN PIEDMONT 03												
ALTAVISTA	2.15	-1.06	6.17	3.10	8.85	5.25	4.18	1.26	4.03	.22	.67	-2.58
APPOMATTOX	2.15	-.85	4.40	1.32	6.70	2.83	5.04	1.71	3.23	-.56	1.68	-1.72
BEDFORD	1.83	-1.25	4.43	1.22	5.83	1.96	4.62	1.33	5.69	1.89	1.50	-2.38
BROOKNEAL	3.53	.11	5.38	2.25	6.71	2.78	5.22	1.87	2.89	-.66	1.33	-1.89
CHARLOTTE COURT HOUSE 3 W	3.66	.41	3.53	.37	7.54	3.74	4.45	1.19	3.02	-.45	1.23	-2.50
CHARLOTTESVILLE 2 W	1.45	-1.83	6.24	3.06	6.60	2.44	6.11	2.83	4.66	.49	1.76	-2.15
CHATHAM	2.94	-.47	5.56	2.24	7.38	3.22	4.54	1.00	4.45	.56	1.89	-1.71
CONCORD 5 S	2.04	-1.29	4.74	1.68	6.75	2.86	4.34	1.12	3.96	.36	3.42	-.12
DANVILLE-BRIDGE ST	4.21	.78	5.76	2.44	7.73	3.72	3.28	-.17	3.90	.17	1.24	-2.62
FREE UNION												
HOLCOMBS ROCK	1.42		6.39		7.12		5.85		6.11		2.10	
HUDOLESTON 4 SW	1.96	-1.22	5.82	2.75	6.88	2.92	4.45	1.08	5.70	2.19	.89	-2.35
LYNCHBURG WSO AP	1.54	-1.52	5.39	2.46	6.45	2.76	4.27	1.37	4.21	.56	2.74	-.73
MARTINSVILLE FILT PL	2.53	-.79	5.78	2.25	6.71	2.43	3.54	-.17	4.63	.76	.62	-3.31
MEADOWS OF DAN 5 SW	1.97	-2.05	5.87	1.90	6.59	1.35	3.61	-1.29	7.79	3.11	2.89	-2.22
MONTEBELLO 2 NE	1.95	-1.77	8.23	4.30	7.25	2.55	5.97	1.85	4.50	.03	1.52	-2.61
MONTICELLO	1.21		6.38		6.85		6.10		6.30		1.60	
PEDLAR DAM	.91	-2.33	6.07	2.67	5.38	.99	4.75	1.20	6.41	2.35		
PHILPOTT DAM 2	2.06		4.89		5.64		3.81		6.73		1.50	
PINEY RIVER 2 SE	1.26		6.12		6.02		5.23		6.01		1.99	
ROCKFISH	1.66	-1.76	6.21	2.88	7.21	2.97	5.43	1.88	5.74	1.76	1.94	-2.61
ROCKY MOUNT	1.43	-1.76	5.26	2.07	4.96	.93	2.91	-.70	5.12	1.34	1.08	-2.45
SOUTH BOSTON	5.31		4.81		7.03				6.35		3.55	
STUART 1 SSE	2.89		4.92		6.84		3.68		6.14		1.81	
TYE RIVER 1 SE	1.58	-1.73	5.49	2.37	6.41	2.37	4.65	1.31	4.81	.91	1.51	-2.15
WOOLWINE	1.86	-2.13	5.22	1.21	6.37	1.21	4.53	-.26	6.42	1.71	.79	-4.20
--DIVISIONAL DATA-->	2.47	-.82	5.27	2.00	6.59	2.47	4.50	1.01	4.88	.97	1.69	-2.08
NORTHERN 04												
BERRYVILLE	1.44	-1.14	6.49	4.27	6.64		4.17	.89	2.70	-.92	.77	-3.13
BIG MEADOWS	1.79	-1.71	11.45	8.39	8.06	3.86	5.75	1.92	4.12	-.36	2.33	-1.99
CULPEPER	1.48	-1.50	6.53	3.72	6.48	2.69	4.89	1.67	4.74	1.14	3.46	-.50
ELKWOOD 6 SE												
LINCOLN	1.45	-1.49	3.80	1.16	7.07	3.19	6.02	2.55	5.08	1.07	2.73	-1.53
LURAY 5 E	1.22	-1.77	6.92	4.53	5.57	2.32	4.61	1.72	2.65	-.79	2.23	-1.36
MANASSAS 3 NW	1.17	-1.58	3.78	1.46	2.71		2.63	-.32	2.06			
MOUNT WEATHER	1.95	-.56	7.59	5.32	6.16	3.04	5.06	1.71	3.78	-.34	1.53	-2.93
PIEDMONT RESEARCH STN	1.30	-1.49	5.32	2.74	6.10	2.41	5.83	2.76	4.81	1.11	.71	-2.98
RICHARDSVILLE												
STERLING (RCS)	1.58		4.63		5.90		4.96		4.67		.96	
THE PLAINS 2 NNE	1.43		6.74		6.52		5.01		5.50		1.41	
VIENNA DUNN LORING	1.41	-1.55	3.91	1.20	6.25	2.54	4.53	1.15	4.64	.72	1.89	-2.22
WARRENTON 3 SE	1.35	-1.67	5.47	2.86	6.70	3.20	4.51	1.29	4.65	1.11	.64	-3.19
WASH DULLES WSO AP	1.42	-1.41	4.13	1.49	5.81	2.38	5.01	1.87	4.23	.61	2.19	-2.04
WASH NATL WSCMO AP	1.71	-1.05	3.43	.81	6.14	2.68	3.71	.78	3.80	.32	2.01	-1.34
WINCHESTER "WINC"	1.13		5.59		6.75		4.83		2.36		1.41	
WINCHESTER 3 ESE	.62	-1.88	5.62	3.26	6.62	3.34	4.70	1.46	2.55	-1.05	1.04	-3.02
WOODSTOCK 2 NE	1.54	-.86	5.46	3.48	6.34	3.42	5.02	2.17	2.17	-1.06	1.21	-2.27
--DIVISIONAL DATA-->	1.41	-1.41	5.75	3.25	6.44	2.98	4.78	1.57	3.74	.01	1.66	-2.23

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VIRGINIA
1984

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	7.47	3.86	5.89	2.18	.20	-2.94	3.18	-.11	2.46	-.34	1.98	-1.06	47.23	7.78
APPOMATTOX	8.43	4.40	7.15	3.37	.46	-3.15	M		2.51	-.55	1.88	-1.27		
BEDFORD	7.79	3.72	5.68	1.73	1.39	-2.01	2.67	-.89	2.48	-.42	1.40	-1.69	45.31	3.21
BROOKNEAL	5.26	1.46	3.65	-.44	1.07	-2.40	3.59	.32	2.35	-.50	2.24	-.88	43.22	2.02
CHARLOTTE COURT HOUSE 3 W	6.21	2.50	4.29	.30	.74	-2.92	3.08	-.47	2.34	-.56	2.05	-1.11	42.14	.50
CHARLOTTESVILLE 2 W	7.21	2.70	7.97	3.46	.88	-3.02	3.27	-.93	3.14	-.13	1.70	-1.65	50.99	5.27
CHATHAM	4.94	1.00	7.17	3.37	.87	-2.92	3.97	-.42	2.33	-.76	1.82	-1.57	47.86	4.38
CONCORD 5 S	7.99	4.22	3.99	.48	.13	-3.35	2.74	-.95	2.32	-.82	1.88	-1.26	44.30	2.93
DANVILLE-BRIDGE ST	7.58	3.52	3.58	-.46	.88	-2.80	3.49	.26	2.14	-.68	1.71	-1.60	45.50	2.56
FREE UNION	4.47		8.57		.91		3.13		3.19		1.72			
HOLCOMBS ROCK	6.21		6.52		3.31		1.23		2.60		1.92		50.78	
HUDDLESTON 4 SW	7.06	3.39	5.77	2.16	3.32	-3.25	3.71	-.23	2.42	-.56	2.04	-1.06	47.02	6.28
LYNCHBURG WSO AP	10.30	6.45	5.98	2.29	2.15	-1.08	2.18	-1.18	1.99	-.93	2.01	-1.15	49.21	9.30
MARTINSVILLE FILT PL	4.95	.41	4.85	.75	2.72	-1.11	1.52	-2.03	2.28	-.66	1.42	-1.98	41.55	-3.45
MEADOWS OF DAN 5 SW	6.15	.80	3.05	-1.98	.25	-4.98	3.15	-1.41	3.38	-.33	1.53	-2.42	46.23	-9.52
MONTEBELLO 2 NE	4.82	.45	7.51	3.52	1.15	-3.07	3.89	-1.00	6.50	2.27	2.11	-1.61	55.40	4.91
MONTICELLO	11.34		7.33		1.03		3.47		3.03		1.65		56.29	
PEDLAR DAM	3.76	-.56	9.96	5.94	.82	-3.13	2.97	-.94	3.76	.37	1.83	-1.73		
PHILPOTT DAM 2	6.13		9.64		.28		3.63		2.50		1.30		48.11	
PINEY RIVER 2 SE	6.60		10.40		.99		3.22		2.32		1.53		51.69	
ROCKFISH	6.30	2.16	9.29	5.05	1.64	-2.62	3.28	-1.09	3.04	-.32	1.84	-1.77	53.58	6.53
ROCKY MOUNT	8.37	4.25	6.55	2.69	.27	-3.75	2.38	-1.36	2.77	-.02	1.66	-1.49	42.76	-.25
SOUTH BOSTON	7.36		1.05		.90		2.85		2.29		1.59			
STUART 1 SSE	6.81		3.74		.87		2.15		2.86		1.39		44.10	
TYE RIVER 1 SE	6.40	2.28	7.03	3.26	1.04	-2.51	3.56	-.24	2.62	-.49	2.20	-1.11	47.30	4.27
WOOLWINE	4.66	-.43	3.68	-.71	.40	-5.32	2.99	-1.81	3.48	-.28	1.43	-2.61	41.83	-13.62
--DIVISIONAL DATA----->	7.23	3.02	6.00	1.92	1.03	-2.79	3.00	-.65	2.50	-.52	1.72	-1.56	46.88	2.97
NORTHERN 04														
BERRYVILLE	4.25	.60	2.85	-1.14	.84	-2.27	3.62	-.50	3.53	.67	1.38	-1.14	M 38.68	
BIG MEADOWS	5.69	1.64	7.49	2.22	1.99	-3.00	3.80	-1.38	6.08	1.67	1.87	-1.49	60.42	9.77
CULPEPER	7.06	3.23	11.81	7.71	3.15	-.53	3.96	.51	3.01	-.21	1.54	-1.46	58.11	16.47
ELKWOOD 6 SE														
LINCOLN	2.88	-1.06	12.02	7.68	1.27	-2.06	2.69	-.37	4.79	1.75	1.58	-1.64	51.38	9.25
LURAY 5 E	3.81	.24	7.05	2.93	1.62	-1.97	2.72	-.87	1.82	-1.19	.51		M 40.73	
MANASSAS 3 NW			4.86	1.25	M		.54		3.49	.61				
MOUNT WEATHER	3.94	.07	8.82	4.77	1.27	-2.19	3.37	-.09	3.60	.31	.97	-1.87	48.04	7.24
PIEDMONT RESEARCH STN	7.22	3.45	5.87	1.43	1.91	-1.45	3.69	-.12	3.01	-.08	1.39	-1.71	47.16	6.07
RICHARDSVILLE	9.10	5.55	5.29	1.23	1.45	-1.90	3.30	-.15	3.82	.57				
STERLING (RCS)	1.96		11.36		2.14		2.98		3.59		1.39		46.12	
THE PLAINS 2 NNE	2.77		13.70		2.09		3.01		3.77		1.27		53.22	
VIENNA DUNN LORING	6.10	1.84	6.19	1.51	2.56	-1.44	2.98	-.12	3.87	.63	1.31	-1.91	45.64	2.35
WARRENTON 3 SE	4.71	.78	8.37	4.47	1.71	-1.61	3.36	.22	4.46	1.48	1.16		M 47.09	
WASH DULLES WSO AP	2.46	-1.29	10.71	6.55	1.49	-1.77	1.73	-1.28	3.64	.65	1.25	-2.04	44.07	3.72
WASH NATL WSCMO AP	4.09	.21	2.30	-2.10	2.51	-.71	3.18	.28	3.66	.84	1.19	-1.99	37.73	-1.27
WINCHESTER WINC	4.53		5.55		.93		3.34		3.96		1.09		41.47	
WINCHESTER 3 ESE	4.07	.06	7.78	4.04	.93	-2.22	3.71	.74	3.42	.69	.61	-2.02	41.67	3.40
WOODSTOCK 2 NE	3.79	.18	5.41	1.94	1.78	-1.44	3.41	.49	3.51	1.21	1.21	-1.13	40.85	6.13
--DIVISIONAL DATA----->	4.64	.84	7.35	3.18	1.67	-1.83	3.26	-.10	3.71	.61	1.29	-1.71	45.70	5.16

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1984

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
CENTRAL MOUNTAIN 05												
BUCHANAN	1.07	-1.87	4.81	1.90	4.55	.83	4.55	1.51	4.75	1.02	.75	-2.82
BUENA VISTA	.58	-2.20	5.07	2.05	5.37	1.63	7.42	4.59	3.79	.44	2.63	-.64
COVINGTON	1.31	-1.11	4.44	2.02	3.60	.22	3.97	1.23	2.80	-.58	1.50	-1.73
COVINGTON FILT PLANT	1.58		5.19		4.26		3.86		2.78		M	
CRAIGSVILLE 2 S	1.43		3.87		5.21		5.22		4.31		2.37	
DALE ENTERPRISE	1.27	-.72	3.70	1.63	4.03	1.16	5.46	2.89	1.72	-1.64	1.13	-2.14
EARLEHURST	1.65		5.17		4.60		4.43		4.14		1.95	
GATHRIGHT DAM	1.61		4.76		4.65		4.27		3.31		1.41	
GLASGOW 1 SE	1.51		6.08		5.91		4.88		5.05		1.52	
GOSHEN	1.60	-1.32	4.53	1.66	5.47	1.45	4.95	1.80	4.47	-.70	1.13	-2.42
HOT SPRINGS	1.57	-1.47	5.79	2.85	6.08	1.96	4.17	.86	3.02	-.83	1.28	-2.39
KERRS CREEK 6 WNW	1.64		4.26		6.91		4.73		4.28		2.37	
LEXINGTON	1.25	-1.50	4.33	1.44	4.76	.97	6.01	3.14	3.83	.50	2.45	-.91
MC DOWELL 3 W	1.90		4.68		3.94		2.12		2.38		.76	
MILLGAP 2 NNW	1.72		4.94		5.26		4.61		3.54		1.40	
MONTEREY	1.68	-1.28	5.34	2.44	5.26	1.41	5.55	2.08	2.70	-.95	.41	-3.47
MOUNTAIN GROVE	2.08		6.42		5.26		M		M		M	
NEW CASTLE	1.48	-1.41	5.51	2.60	4.75	.84	4.88	1.71	3.77	.21	1.80	-1.79
ROANOKE WSO AP	1.35	-1.48	4.85	1.66	4.30	.61	3.97	.88	4.49	.98	2.34	-1.00
STAUNTON SEWAGE PLANT	M		4.63	2.44	4.82	1.63	6.41	3.62	2.98	-.38	1.45	-1.58
TIMBERVILLE 3 E	M		5.39	3.30	4.66	1.67	4.37	1.81	1.86	-1.37	1.28	-2.14
WEST AUGUSTA	1.53		4.60		5.41		5.78		2.40		1.22	
--DIVISIONAL DATA-->	1.42	-1.30	4.88	2.10	4.74	1.12	4.86	1.83	3.14	-.45	1.39	-2.12
SOUTHWESTERN MOUNTAIN 06												
ABINGDON 3 S	M		5.33		3.84		3.16		7.47		2.65	
ALLISONIA 2 S	M		3.68		3.59	-.04	5.56		4.82	1.03	2.18	-1.06
BLACKSBURG 3 SE	1.95	-1.00	4.79	1.85	4.37	.46	4.96	1.41	5.98	2.36	1.45	-2.16
BLAND	1.53	-1.49	5.62	2.70	2.75	-1.14	3.24	.06	3.80	.21	2.05	-1.42
BURKES GARDEN	1.97	-1.53	6.13	2.86	3.51	-.59	3.85	.17	6.78	2.77	3.86	-.09
BYLLESBY 3 W	1.36		5.32		3.96		4.71		5.14		2.19	
COPPER HILL 1 NNE	1.34	-1.63	5.00	1.85	4.19	.19	4.00	.14	4.53	.47	1.16	-2.99
FLOYD 2 NE	M		3.66		4.13		3.85	.14	5.75	2.24	M	
GALAX RADIO WBOB	1.45	-1.28	6.09	2.99	3.63	-.29	4.82	1.39	5.14	1.21	4.48	.46
GLEN LYN	.36	-2.30	M		3.37	-.12	3.95	.80	5.26	1.74	2.92	-.24
GRUNDY	2.03		4.43		2.54		3.72		8.94		3.27	
HILLSVILLE 1 S	1.73	-1.13	6.26	3.17	4.59	.44	4.45	.91	5.94	1.74	2.11	-1.91
INDEPENDENCE 2	1.52		5.82		4.37		4.27		4.31		4.18	
JOHN W FLANNAGAN LAKE	1.74		3.93		3.03		3.02		9.52		4.25	
LAFAYETTE 1 NE	1.20	-1.81	4.34	1.65	4.31	.99	3.64	.58	3.95	.52	.81	-2.54
MARION EVAP STATION	2.05		5.49		2.78		4.05		5.91		M	
MT LAKE BIOLOGICAL STA	1.22		5.11		5.21		5.71		5.22		2.81	
NEWPORT 2 NNW	1.45	-1.20	4.50	1.93	4.48	1.12	5.93	2.94	3.80	.30	3.65	.25
NORTH FORK LAKE	1.99		3.63		3.84		3.56		10.22		3.69	
PENNINGTON GAP	2.27	-2.61	M		5.58	1.18	4.30	-.05	7.29	2.90	5.61	1.44
PILOT 1 ENE	1.56		5.15		4.24	.77	4.34	.85	5.58	2.01	.80	-2.68
PULASKI 2 E	1.64		4.08		4.56		6.25		4.67		1.61	
RADFORD	.80	-1.93	3.94	1.33	4.53	1.04	4.24	1.06	3.60	.50	M	
SPEEDWELL	2.24	-.40	3.36	.57	3.28	-.08	3.63	.67	3.42	-.15	4.20	.92
STAFFORDSVILLE 3 ENE	.80	-1.94	4.69	1.99	M		5.10	1.74	3.67	.24	2.82	-.48
TROUT DALE 3 SSE	1.57	-2.54	5.40	1.25	3.48	-1.77	4.05	.53	6.86	2.19	4.20	-.39
WILLIS	1.65		5.39		4.84		5.78		6.90		2.52	
WISE 1 SE	2.21		4.99		4.16		3.55		7.28		2.43	
WYTHEVILLE 1 S	1.27	-1.36	5.25	2.52	2.92	-.54	5.21	2.10	4.42	.84	3.32	.21
--DIVISIONAL DATA-->	1.79	-1.57	5.16	1.83	3.87	-.36	4.50	.79	6.04	2.09	3.12	-.66

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

VIRGINIA
1984

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
CENTRAL MOUNTAIN 05														
BUCHANAN	4.95	.82	9.89	5.85	.36	-3.05	3.79	.09	4.02	1.17	1.73	-1.18	45.22	4.27
BUENA VISTA	6.17	2.44	9.86	6.62	.09	-2.95	3.37	-.35	3.66	.74	M			
COVINGTON	4.46	.91	7.85	4.29	.90	-1.86	2.95	.05	2.80	.62	1.76	-.65	38.34	3.41
COVINGTON FILT PLANT	4.08		9.69		1.51		2.82		3.12		1.81			
CRAIGSVILLE 2 S	6.95		7.31		1.67		4.78		4.43		2.15		49.70	
DALE ENTERPRISE	5.48	1.80	6.13	2.23	1.48	-1.75	3.13	.27	3.34	.93	1.63	-.57	38.50	4.09
EARLEHURST	3.33		9.86		.94		2.50		2.95		2.34		43.86	
GATHRIGHT DAM	4.88		7.14		1.20		6.23		3.45		2.43		45.34	
GLASGOW 1 SE	5.51		7.98		.44		3.51		4.50		1.73		48.62	
GOSHEN	7.39	3.59	9.88	6.41	1.28	-2.17	4.47	.99	4.17	1.18	2.23	-.57	51.57	11.30
HOT SPRINGS	6.12	1.97	8.49	4.67	1.81	-1.70	4.21	.68	4.39	1.57	M		48.64	
KERRS CREEK 6 WNW	5.22		11.19		.75		3.73		3.99		1.84		50.91	
LEXINGTON	3.98	.32	9.87	6.78	1.27	-2.01	2.51	-.74	3.28	.61	2.31	-.61	45.85	7.99
MC DOWELL 3 W	3.93		3.02		1.30		3.36		2.19		2.02		31.60	
MILLGAP 2 NNW	6.87		6.06		.99		3.38		3.47		3.10		45.34	
MONTEREY	5.13	1.38	7.73	4.41	1.68	-1.68	3.46	.07	3.87	1.19	3.26	.06	46.07	5.66
MOUNTAIN GROVE	M		9.16		1.00		2.34		2.22		1.99			
NEW CASTLE	3.07	-.36	7.86	4.29	.36	-3.13	3.24	.05	3.02	.33	2.15	-.76	41.89	2.58
ROANOKE WSO AP	4.17	.72	9.54	5.63	2.69	-.45	1.42	-2.06	2.67	.08	1.84	-1.09	43.63	4.48
STAUNTON SEWAGE PLANT	3.90	.39	6.18	2.78	M		4.73	1.47	2.85	.29	1.90	-.65		
TIMBERVILLE 3 E	5.52	1.90	3.43	-.59	2.25	-1.25	3.47	.67	3.32	.91	1.40	-.99	M	38.36
WEST AUGUSTA	M		M		4.04		3.85		3.99		2.65			
--DIVISIONAL DATA----->	4.82	1.05	7.81	4.01	1.58	-1.87	3.58	.13	3.43	.73	2.03	-.79	43.68	4.44
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3 S	5.42		1.86		1.04		1.56		3.86		3.34		42.11	
ALLISONIA 2 S	6.32	2.74	3.14	-.04	1.19	-1.95	2.63	-.41	M		1.16	-1.46		
BLACKSBURG 3 SE	4.27	.62	4.42	.89	1.04	-2.44	3.60	.46	2.00	-.68	1.78	-1.14	40.61	-.63
BLAND	2.36	-1.43	4.24	.73	.25	-2.77	2.65	-.07	2.67	.14	1.34	-1.45	32.50	-5.93
BURKES GARDEN	2.75	-1.96	2.96	-.75	.97	-2.51	2.51	-.40	3.75	.68	3.38	.10	42.42	-1.25
BYLLESBY 3 W	6.60		3.43		.37		3.09		2.82		1.31		40.30	
COPPER HILL 1 NNE	4.18	.48	6.17	2.31	.47	-4.10	2.19	-2.27	2.62	-.58	1.13	-1.70	36.98	-7.83
FLOYD 2 NE	3.76	.03	2.25		.42	-3.77	2.72	-.98	3.13	.08	1.04	-2.00		
GALAX RADIO WBOB	5.18	1.10	2.86	-.71	1.00	-2.89	2.27	-1.47	3.10	.16	1.13	-1.95	41.15	-1.28
GLEN LYN	4.28	.31	4.14	.89	.83	-2.12	2.09	-.50	2.83	.38	2.12	-.49	M	37.34
GRUNDY	3.73		3.66		1.65		4.16		5.35		2.94		46.42	
HILLSVILLE 1 S	3.10	-1.04	3.04	-.59	.49	-3.34	4.17	.60	3.10	.27	1.27	-1.72	40.25	-2.60
INDEPENDENCE 2	5.23		4.29		1.42		3.19		2.91		1.51		43.02	
JOHN W FLANNAGAN LAKE	2.91		1.59		1.56		3.97		4.67		3.30		43.49	
LAFAYETTE 1 NE	4.45	.64	3.74	.32	.26	-2.96	2.62	-.60	2.15	-.47	1.15	-1.62	32.62	-5.30
MARION EVAP STATION	6.06		2.78		1.44		2.08		3.43		3.70			
MT LAKE BIOLOGICAL STA	3.88		7.37		1.49		3.53		3.29		2.58		47.42	
NEWPORT 2 NNW	3.30	.08	2.45	-.62	.30	-3.12	3.35	.11	2.35	-.21	2.00	-.64	37.56	.94
NORTH FORK LAKE	5.11		3.00		1.70		3.68		4.55		2.94		47.91	
PENNINGTON GAP	4.19	-.88	1.48	-2.28	1.35	-2.12	5.54	2.58	5.52	1.63	3.44	-1.22	51.62	-.13
PILOT 1 ENE	4.49	.76	4.42	.80	1.25	-2.13	2.19	-1.23	2.42	-.17	1.17	-1.45	M	37.61
PULASKI 2 E	5.11		3.72		1.07		2.46		2.02		1.56		38.75	
RADFORD	4.47	.63	5.23	1.96	.46	-2.48	3.21	.18	2.11	-.36	1.40	-1.24		
SPEEDWELL	3.44	-1.03	5.75	2.51	.75	-2.10	2.22	-.77	2.79	.24	M			
STAFFORDSVILLE 3 ENE	3.35	-.42	4.23	.70	.38	-2.90	3.11	.34	3.20	.72	1.96	-.72		
TROUT DALE 3 SSE	3.71	-.98	1.31	-2.75	.13	-3.70	2.21	-1.64	2.84	-.69	2.09	-1.64	37.85	-13.19
WILLIS	3.92		3.80		.45		3.44		2.55		1.24		42.48	
WISE 1 SE	M		1.98		2.91		4.39		4.47		2.46			
WYTHEVILLE 1 S	4.03	-.46	3.84	.48	.80	-2.26	2.98	.03	2.95	.57	1.69	-.91	38.68	1.22
--DIVISIONAL DATA----->	4.31	-.08	3.43	-.22	1.20	-2.24	3.15	.08	3.54	.55	2.38	-.90	42.49	-.69

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

VIRGINIA
1984

1984																											
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		M35.1		M45.4		44.3		M53.8		66.5		M74.8		75.9		77.3		71.0		M66.7		M50.3		M50.2		M59.3	
COLONIAL BEACH		M31.6		44.4		43.2		55.9		M65.5		M77.9		77.9		M78.5		69.8		M		M49.1		M		M	
EMPORIA 1 HNW		33.2		45.7		44.5		54.9		65.5		74.5		74.7		75.2		66.7		65.5		44.9		48.0		57.8	
FREDERICKSBURG NATL PK		27.7	-7.0	40.7	4.3	39.7	-5.7	51.8	-4.1	62.3	-2.7	74.4	1.6	75.2	-1.9	76.2	.5	66.1	-3.1	63.1	5.5	45.2	-1.9	44.7	6.8	55.6	-1.6
HOLLAND 1 E		35.0	-3.6	47.0	6.7	45.0	-3.2	55.3	-2.9	66.7	.4	74.8	1.3	75.0	-2.5	75.8	-.8	67.3	-3.6	65.6	5.9	46.8	-3.8	48.4	6.8	58.6	.1
HOPEWELL		M34.5	-5.2	46.2	4.3	45.6	-4.3	56.4	-3.8	66.8	-1.3	M		76.0	-3.0	76.1	-2.1	67.9	-4.3	65.2	4.1	45.2	-6.4	49.0	6.3	M	
KILMARNOCK 1 N		32.1		44.0		41.5		53.6		64.9		75.5		75.5		75.8		67.7		65.1		46.3		M47.7		M57.5	
LANGLEY AFB		36.5	-2.7	47.9	7.0	46.6	-1.7	56.6	-1.2	68.4	2.2	77.4	3.3	77.3	-1.1	79.4	1.6	71.2	-.7	68.2	7.2	50.0	-1.3	50.6	7.9	60.8	1.7
MATHEWS 2 ENE		M32.7		44.3		43.5		53.9		65.5		74.9		75.4		75.8		69.3		66.2		48.4		48.0		M58.2	
NORFOLK WSO AP		35.5	-4.4	46.7	5.6	45.4	-3.1	55.6	-2.6	67.8	1.4	76.2	1.9	76.7	-1.7	78.4	.7	70.5	-1.7	66.9	5.6	49.9	-2.0	50.9	7.4	60.0	.6
OYSTER		M		M		42.9		53.3		65.0		M75.1		74.9		76.3		68.8		M		M		M		M	
PAINTER 2 W		34.3	-3.4	44.4	5.3	43.0	-3.4	53.6	-2.4	65.8	1.2	74.7	2.2	75.7	-1.3	76.4	.4	68.3	-1.8	65.8	6.4	49.1	-.9	49.1	7.8	58.4	.8
STONY CREEK 3 ESE		33.9		45.5		44.5		56.4		67.1		77.2		75.6		77.6		67.2		64.5		45.3		M		M	
SUFFOLK LAKE KILBY		35.1	-3.8	46.7	5.8	45.8	-2.5	56.1	-2.1	67.3	.9	76.0	2.1	76.1	-1.8	77.3	.1	67.9	-3.3	66.2	6.2	48.0	-2.5	48.4	6.4	59.2	.5
TANGIER ISLAND		34.0		43.8		43.5		54.2		66.2		76.6		78.3		79.2		71.4		66.7		49.8		49.3		59.4	
WAKEFIELD 2		34.4		46.7		45.1		55.3		65.5		74.6		76.1		76.8		M68.5		66.9		47.5		49.1		M58.9	
WALKERTON 2 NW		32.1	-4.3	44.7	6.0	43.8	-3.1	55.2	-2.2	65.2	-.6	75.3	2.1	75.4	-1.9	75.8	-.4	67.2	-2.4	65.1	6.9	46.3	-2.0	47.3	8.0	57.8	.5
WARSAW 2 NW		32.6	-3.9	45.0	6.4	43.0	-3.6	54.1	-2.9	64.8	-.8	75.4	2.0	75.7	-1.7	76.0	-.4	67.6	-2.4	65.4	6.6	47.1	-1.9	47.7	7.8	57.9	.4
WEST POINT 2 SW		33.2		45.3		44.0		55.9		66.6		76.1		75.6		75.8		67.4		66.1		46.7		48.0		58.4	
WILLIAMSBURG 2 N		32.9	-5.5	44.1	3.9	43.0	-4.9	54.6	-3.5	66.9	.6	75.8	2.4	75.7	-1.8	76.9	.2	68.5	-2.4	M66.0	6.2	48.7	-1.7	49.7	8.1	M58.6	.1
--DIVISIONAL DATA-->		33.5	-4.8	45.2	5.3	43.9	-3.6	54.8	-2.7	66.1	.2	75.6	2.0	75.9	-1.9	76.8	-.2	68.5	-2.7	65.8	5.6	47.6	-2.9	48.6	6.9	58.5	.1
EASTERN PIEDMONT 02																											
AMELIA 4 SW		31.2		43.7		41.6		53.6		63.8		73.9		73.8		74.4		M64.9		64.0		44.3		46.6		M56.3	
ASHLAND		31.1		43.8		42.5		54.2		63.7		74.4		74.5		75.1		66.0		64.6		45.1		46.5		56.8	
CAMP PICKETT		31.2		42.8		41.9		54.4		63.8		74.1		74.4		75.8		65.1		62.4		42.3		44.5		56.1	
CHASE CITY		33.5		44.1		44.1		54.7		62.4		74.6		74.8		M75.5		M65.7		64.6		M44.5		M45.1		M57.0	
COLUMBIA 2 SSE		M32.3	-2.2	44.2	7.9	42.4	-2.8	54.7	-1.3	64.6	.2	73.9	1.9	75.3	-1.1	75.3	.0	M67.1	-1.6	64.1	7.2	45.0	-1.7	46.4	8.8	M57.1	1.3
CORBIN		30.3		42.8		40.8		52.6		63.1		73.8		74.1		75.2		65.8		63.7		45.8		46.2		56.2	
CROZIER		30.5		42.4		41.0		53.2		63.8		73.9		74.2		75.4		65.5		63.6		44.1		46.4		56.2	
FARMVILLE 2 N		M32.1	-4.9	45.3	6.1	44.3	-3.2	55.2	-2.7	65.1	-.4	75.6	3.0	75.1	-1.5	75.4	-.1	66.2	-2.6	65.3	7.6	45.8	-2.2	48.3	8.9	M57.8	.7
JOHN H KERR DAM		33.5	-3.6	43.9	5.0	44.6	-2.6	55.6	-2.2	65.2	-1.1	75.8	2.3	76.3	-1.3	77.2	.7	M67.6	-2.3	66.0	7.6	47.0	-1.8	47.4	7.3	M58.3	.7
LAWRENCEVILLE 5 W		35.1	-3.4	47.0	6.6	45.8	-2.6	55.4	-2.9	65.8	-.2	74.8	2.0	74.3	-2.8	75.7	-.7	66.0	-3.9	65.3	6.6	46.1	-3.5	48.7	7.9	58.3	.3
LOUISA		30.1	-5.0	42.2	4.7	41.9	-4.2	53.0	-3.4	63.4	-1.2	73.9	2.0	74.4	-1.5	75.0	.1	65.0	-3.4	63.8	6.6	44.3	-2.9	46.0	7.9	56.1	.0
RICHMOND WSO AP		R 32.6	-4.0	44.5	5.6	43.6	-3.6	55.8	-2.1	65.4	-.7	77.7	4.2	76.0	-1.8	77.0	.2	67.5	-2.7	66.1	7.5	46.6	-2.3	47.7	7.8	58.4	.7
--DIVISIONAL DATA-->		32.0	-4.1	43.9	5.6	42.9	-3.7	54.4	-2.7	64.2	-.9	74.7	2.2	74.8	-1.9	75.6	-.1	66.0	-3.2	64.5	6.8	45.1	-2.9	46.7	7.6	57.1	.2
WESTERN PIEDMONT 03																											
APPOMATTOX		31.9		43.0		41.5		51.7		61.5		73.9		73.7		74.0		65.4		M		44.2		46.3		M	
BEDFORD		35.3	-1.4	45.1	6.2	44.1	-3.3	54.2	-3.2	63.2	-2.1	73.8	2.0	72.1	-3.4	72.9	-1.6	62.0	-6.1	62.0	4.5	42.9	-5.0	46.9	7.3	56.2	-.5
BROOKNEAL		32.3		43.0		43.0		53.4		63.7		74.9		74.1		75.7		66.3		64.0		43.6		45.2		56.6	
CHARLOTTE COURT HOUSE 3 W		32.8	-2.5	43.7	6.4	42.9	-3.0	53.3	-3.2	63.6	-1.1	74.4	2.5	73.6	-2.5	76.1	.9	69.5	.7	68.5	11.3	M44.6	-2.8	46.8	8.5	M57.5	1.3
CHARLOTTESVILLE 2 W		32.5	-2.8	43.2	6.2	41.8	-4.1	54.1	-3.0	63.7	-1.7	74.7	2.2	72.5	-4.3	73.6	-2.1	66.6	-3.0	64.1	5.4	M46.7	-1.8	47.0	8.5	M56.7	.0
CHATHAM		30.5	-5.3	40.9	3.2	41.5	-4.3	51.2	-4.6	60.7	-3.7	71.0	-.4	70.8	-4.8	71.9	-2.7	62.2	-6.1	63.2	6.3	42.9	-4.4	44.4	5.8	54.3	-1.8
DANVILLE-BRIDGE ST		34.3	-3.3	44.4	4.6	45.3	-2.7	54.5	-4.1	65.6	-1.2	76.4	2.6	75.9	-1.9	77.1	.0	67.8	-2.7	66.5	7.8	45.9	-2.8	47.4	7.4	58.4	.3
LYNCHBURG WSO AP		R 32.8	-2.3	43.3	5.9	43.6	-2.1	53.7	-2.7	63.3	-1.2	74.5	2.9	73.3	-2.4	74.9	.1	65.6	-2.8	65.5	8.4	45.4	-1.6	47.4	9.1	56.9	.9
MARTINSVILLE FILT PL		M33.0	-2.8	41.9	3.9	43.2	-2.9	52.2	-3.9	61.7	-2.4	73.0	1.9	73.2	-1.9	74.0	-.2	64.4	-3.2	63.7	7.6	44.8	-1.5	M45.7	7.7	M55.9	.2
MONTICELLO		M30.5		42.6		40.6		53.2		63.4		73.9		72.6		74.3		M65.2		63.1		45.4		M46.6		M56.0	
PHILPOTT DAM 2		32.8		41.9		42.3		51.1		62.1		72.5		72.6		74.1		65.1		64.2		44.9		46.5		55.8	
PINEY RIVER 2 SE		33.0		44.8		43.6		54.3		62.9		M73.4		72.6		73.9		64.7		63.7		M		M46.7		M	
ROCKY MOUNT		32.6		41.9		42.1		51.2		61.9		72.6		72.6		73.9		64.2		63.1		43.9		45.9		55.5	
SOUTH BOSTON		30.3		42.1		44.2		M		64.2		75.2		75.9		76.4		66.7		65.7		45.6		46.6		M	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

VIRGINIA
1984

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
STUART 1 SSE	33.8		42.6		42.4		51.0		61.6		74.2		73.3		75.3		66.5		66.0		47.2		46.4		56.7	
TYE RIVER 1 SE	32.2		43.2		41.9		52.3		62.9		73.5		72.3		73.9		65.2		63.7		45.2		46.3		56.1	
--DIVISIONAL DATA----->	32.5	-3.3	43.0	5.2	42.8	-3.3	52.8	-3.7	62.9	-1.8	73.9	2.2	73.2	-2.5	74.5	-3	65.5	-2.9	64.5	7.3	44.9	-2.5	46.4	7.8	56.4	.2
NORTHERN 04																										
BERRYVILLE	25.8		39.7		36.7		50.5		62.0		72.0		73.1		73.8		63.6		61.0		42.5		41.9		53.6	
BIG MEADOWS	24.2	-2.9	33.2	4.9	30.5	-5.2	43.4	-3.5	54.3	-1.3	64.8	2.2	64.1	-2.3	65.4	.1	56.5	-3.0	55.5	6.4	36.1	-3.1	39.5	9.3	47.3	.1
CULPEPER	30.2	-3.9	42.9	6.3	41.3	-4.2	53.4	-2.7	63.7	-1.2	75.1	2.7	74.9	-1.5	75.1	.0	66.3	-2.4	63.6	6.6	44.3	-2.3	45.8	8.6	56.4	.5
ELKWOOD 6 SE	M		M		M		M		M		M		M		M		M		M		M		M		M	
LINCOLN	29.7	-3.6	41.4	5.6	38.7	-5.7	52.9	-2.3	63.2	-1.0	74.0	1.7	74.2	-2.1	75.1	-2	66.2	-2.5	63.1	5.7	44.8	-1.8	45.7	8.7	55.8	.2
LURAY 5 E	26.7	-5.3	38.2	4.0	38.5	-4.2	50.9	-2.5	63.0	-1.0	71.3	2.1	71.4	-1.7	72.3	.2	62.2	-3.6	62.3	7.8	44.6	.0	44.9	9.6	53.9	.6
MANASSAS 3 NW	M		M		M		M		M		M		M		M		M		M		M		M		M	
MOUNT WEATHER	24.9	-3.8	36.0	5.5	32.1	-7.0	47.1	-3.4	58.8	-1.2	70.2	2.1	69.7	-2.4	70.9	-3	62.0	-2.6	58.3	4.7	41.1	-1.9	41.4	8.6	51.0	-.1
PIEDMONT RESEARCH STN	29.5	-4.2	41.4	5.7	39.5	-4.9	52.9	-2.4	62.6	-1.4	73.9	2.0	73.7	-2.4	74.9	.0	65.4	-3.1	62.8	5.9	43.9	-2.7	44.8	7.9	55.4	.0
RICHARDSVILLE																										
STERLING (RCS)	25.9		39.2		37.3		50.6		61.1		71.4		72.6	-2.6	73.9	-3	63.8	-3.5	62.0	6.3	42.4	-3.6	42.7	M	53.5	
WARRENTON 3 SE	29.4	-2.9	41.0	6.9	39.2	-3.7	51.8	-2.2	61.9	-.9	72.9	2.2	73.3	-1.9	74.9	.7	65.2	-2.8	61.1	4.5	43.7		43.7	7.7	M	
WASH DULLES WSO AP	25.8	-5.6	38.9	5.3	37.5	-4.9	50.9	-2.4	59.8	-2.6	71.2	.5	72.0	-3.5	74.2	-.1	63.0	-4.4	61.8	6.5	42.6	-2.2	43.3	8.2	53.4	-.4
WASH NATL WSCMO AP	R		R		R		R		R		R		R		R		R		R		R		R		R	
WINCHESTER "WINC"	26.1		39.1		36.2		50.3		61.2		72.5		72.8		73.6		64.0		60.0		41.4		41.7		53.2	
WINCHESTER 3 ESE	24.7	-7.5	37.2	2.7	35.0	-8.4	48.6	-5.8	59.8	-3.7	71.2	.2	71.9	-3.2	73.2	-.8	62.8	-4.7	59.1	3.1	41.1	-4.3	41.2	5.5	52.2	-2.2
WOODSTOCK 2 NE	28.8	-4.3	40.9	5.5	39.4	-4.6	51.7	-2.8	62.0	-1.2	73.1	2.4	73.3	-1.4	74.5	.8	64.9	-2.3	62.5	6.5	43.9	-1.9	44.9	8.3	55.0	.4
--DIVISIONAL DATA----->	27.4	-5.0	39.6	5.1	37.6	-5.5	51.0	-3.1	61.3	-1.6	72.2	1.5	72.5	-2.4	73.7	-.1	63.8	-3.6	61.6	5.8	42.9	-2.6	43.4	7.6	53.9	-.2
CENTRAL MOUNTAIN 05																										
BUCHANAN	32.6	-3.3	43.5	5.1	43.2	-3.6	54.1	-2.6	62.9	-2.0	73.8	2.1	73.4	-2.1	74.3	-.4	65.3	-3.0	64.8	7.6	44.0	-2.8	46.3	7.8	56.5	.2
COVINGTON FILT PLANT	31.7		41.7		42.4		53.6		61.4		M		72.3		73.3		63.1		63.3		42.6		43.8	M		
DALE ENTERPRISE	29.7	-2.1	41.0	6.8	39.6	-3.2	51.1	-1.9	61.5	-.4	73.3	3.9	71.9	-1.4	72.6	.5	63.4	-2.3	61.7	7.4	42.0	-2.1	44.6	9.3	54.4	1.2
GATHRIGHT DAM	27.2		36.5		36.8		49.1		58.0		69.7		68.8		70.6		60.6		61.3		39.5		41.2		51.6	
HOT SPRINGS	27.5	-3.3	36.9	4.1	37.2	-3.6	49.0	-2.5	58.8	-1.3	70.3	3.3	68.1	-2.6	70.6	.7	61.0	-2.6	61.0	8.2	40.6	-1.9	42.4	8.5	52.0	.6
LEXINGTON	31.7	-2.9	41.7	4.6	42.0	-3.7	52.9	-3.0	61.4	-2.8	72.5	1.4	72.2	-2.7	73.2	-.8	63.4	-4.2	62.9	6.6	43.1	-2.9	44.7	7.3	55.1	-.3
MONTEREY	27.6		37.2		35.3		47.4		57.6		68.8		67.1		68.1		59.3		60.0		39.8		41.9		50.8	
ROANOKE WSO AP	R		R		R		R		R		R		R		R		R		R		R		R		R	
STAUNTON SEWAGE PLANT	33.6	-1.9	43.6	5.7	43.3	-2.8	54.2	-2.1	63.1	-1.6	74.2	2.6	73.2	-2.5	74.4	-.3	64.1	-4.1	64.3	7.5	46.0	-.9	47.1	8.8	56.8	.7
TIMBERVILLE 3 E	27.9	-4.5	38.2	4.2	37.9	-4.6	49.3	-3.8	60.4	-1.4	70.1	.8	71.0	-2.4	71.2	-.9	M		58.9	4.5	40.3	-4.2	43.0	7.4	M	
--DIVISIONAL DATA----->	29.2	-2.7	41.3	7.3	39.7	-3.1	50.8	-2.4	62.1	-.3	74.2	4.3	73.2	-.6	73.6	.9	64.0	-2.3	62.1	7.2	42.3	-2.2	43.8	8.3	54.7	1.2
SOUTHWESTERN MOUNTAIN 06																										
ABINGDON 3 S	32.1		41.1		45.1		53.2		60.1		72.0		71.1		72.2		64.4		64.2		43.9		46.7		55.5	
BLACKSBURG 3 SE	30.4	-.5	38.9	6.0	39.6	-1.5	49.3	-2.0	59.3	-.7	69.9	3.1	68.5	-2.5	70.8	.7	61.7	-2.1	60.4	7.9	41.5	-1.1	43.8	9.8	52.8	1.4
BURKES GARDEN	29.5	-.5	37.4	5.3	38.6	-1.4	47.5	-2.0	56.4	-1.0	66.4	2.7	65.9	-1.4	66.3	.0	58.6	-2.1	58.4	8.3	39.2	-1.4	42.8	9.6	50.6	1.3
FLOYD 2 NE	29.7	-3.0	38.9	4.2	39.4	-2.9	48.2	-3.9	57.7	-2.4	M		68.4	-1.8	68.5	-1.0	59.7	-3.7	59.5	6.7	39.4	-3.6	42.5	7.1	M	
GALAX RADIO WBOB	31.4		39.7		41.2		49.7		58.4		69.1		69.6		70.3		61.4		60.6		41.3		43.4		53.0	
GRUNDY	31.2		40.7		43.5		52.7		60.1		72.7		72.1		73.9		64.5		63.1		42.7		44.5		55.1	
MARION EVAP STATION	31.1		38.7		41.8		49.4		56.9		M		68.2		69.2		60.3		58.9		40.3		41.0		M	
MT LAKE BIOLOGICAL STA	M		M		M		M		M		M		M		M		M		M		M		M		M	
PENNINGTON GAP	33.1	-.6	42.1	5.6	45.3	.3	54.1	-.7	60.4	-2.5	73.1	3.6	72.2	-1.0	74.0	1.6	64.8	-2.2	63.0	7.6	43.3	-1.4	44.9	8.1	55.9	1.5
PULASKI 2 E	31.6		38.6		40.5		49.8		60.2		70.6		70.1		71.5		62.5		61.8		42.1		44.7		53.7	
STAFFORDSVILLE 3 ENE	31.9		41.4		M		52.0		59.3		71.2		70.5		71.6		62.5		62.6		43.5		44.2		M	
WISE 1 SE	31.1		40.1		42.1		51.3		59.0		71.1		M		70.0		62.0		61.5		42.5		45.4		M	
WYTHEVILLE 1 S	31.5	-1.3	39.8	4.6	41.9	-1.1	50.2	-2.4	58.6	-2.3	69.8	2.5	70.2	-.9	70.7	.4	62.0	-2.7	62.0	8.3	42.2	-1.3	43.6	8.0	53.5	1.0
--DIVISIONAL DATA----->	30.8	-2.0	39.3	4.2	41.1	-2.2	50.1	-3.0	58.5	-2.8	70.1	2.2	69.3	-2.2	70.2	-.5	61.5	-3.5	61.0	7.1	41.4	-2.3	43.6	7.8	53.1	.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

VIRGINIA
1984

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	96	7/12	10	1/12	1/22	16	1/23	19	2/ 9	22	3/10	26	4/ 1	32	11/15	30	12/ 7	24	12/ 7	24	12/ 8	20	NONE			320	302	272	228								
COLONIAL BEACH					1/23	14	1/23	14	3/10	21	3/13	27	3/25	31	11/15	32	11/21	26	11/23	21	NONE																
EMPORIA 1 HNW	96	7/12	5	1/22	2/ 7	16	3/10	20	3/11	22	3/14	28	4/12	32	11/ 3	31	11/ 4	28	11/18	29	11/21	12	11/21	12	288	256	252	205									
FREDERICKSBURG NATL PK	95	7/12	-11	1/22	3/10	13	3/12	18	3/24	22	4/10	28	5/17	30	11/ 7	32	11/ 8	25	11/17	23	11/21	20	NONE			254	238	212	174								
HOLLAND 1 E	95	6/20	9	1/22	2/ 7	16	3/10	20	3/10	20	3/10	20	4/11	30	11/ 7	31	11/ 8	28	11/15	23	12/ 7	19	NONE			272	250	243	210								
HOPEWELL			5	1/22	2/ 7	14	3/10	20	3/10	20	3/12	26	4/11	30	10/ 3	32	11/ 7	28	11/ 8	24	11/17	20	11/23	16	290	252	243	201	175								
KILMARNOCK 1 N	96	9/ 3	4	1/22	3/10	13	3/10	13	3/12	22	4/ 2	27	4/12	31	11/ 7	32	11/ 8	23	11/ 8	23	11/22	19	NONE			257	241	220	209								
LANGLEY AFB	95	7/11	14	1/22	1/22	14	1/22	14	2/ 8	24	3/10	25	3/12	32	11/18	29	12/ 7	25	NONE																		
MATHEWS 2 ENE	94	9/ 3	7	1/22	1/23	14	2/ 2	19	3/10	21	3/12	28	4/11	32	11/ 9	31	11/15	26	12/ 7	24	12/ 8	20	NONE			310	272	248	212								
NORFOLK WSO AP	96	9/ 3	16	1/22	1/22	16	1/22	16	2/ 8	24	3/10	27	3/12	31	11/15	31	12/ 7	27	NONE																		
OYSTER					NONE		3/10	18	3/12	23	3/12	23	4/12	31	NONE		NONE		NONE		NONE		NONE														
PAINTER 2 W	93	9/ 4	6	1/22	1/23	15	3/10	20	3/10	20	3/24	28	4/12	32	11/ 8	28	11/ 8	28	12/26	22	NONE																
STONY CREEK 3 ESE	101	6/18			2/ 8	14	3/10	18	3/10	18	4/ 1	28	4/11	29	11/ 7	29	11/ 8	26	11/18	23	11/21	20	NONE			256	253	221	210								
SUFFOLK LAKE KILBY	95	6/18	10	1/22	1/22	10	2/ 7	17	2/ 8	21	3/11	28	4/11	31	11/13	31	11/17	27	12/ 7	21	NONE						303	251	216								
TANGIER ISLAND	91	8/ 9	15	1/22	1/22	15	1/22	15	3/12	24	3/12	24	3/13	29	11/20	29	12/ 7	26	NONE		NONE		NONE														
WAKEFIELD 2	96	7/13	7	1/22	2/ 7	14	3/10	18	3/10	18	3/12	28	4/11	30	11/ 7	31	11/ 8	28	11/17	23	12/ 7	20	NONE			272	252	241	210								
WALKERTON 2 NW	93	9/ 3	3	1/22	3/10	14	3/10	14	3/12	24	4/ 2	27	4/11	30	11/ 7	31	11/ 8	27	11/14	24	11/23	16	11/23	16	258	258	247	220	210								
WARSAW 2 NW	96	6/13	2	1/22	1/23	14	3/10	18	3/12	23	3/24	27	4/11	32	11/ 8	27	11/ 8	27	11/23	20	11/23	20	NONE			258	256	229	211								
WEST POINT 2 SW	95	7/11	4	1/22	3/10	16	3/10	16	3/10	16	3/24	28	4/11	31	11/ 7	32	11/ 8	27	11/17	24	12/ 8	20	NONE			273	252	229	210								
WILLIAMSBURG 2 N	95	7/11	2	1/22	3/10	15	3/10	15	3/13	23	4/ 2	27	4/12	31	11/ 8	30	11/13	28	11/21	23	12/ 8	20	NONE			273	253	225	210								
EASTERN PIEDMONT 02																																					
AMELIA 4 SW	98	7/12	2	1/22	3/11	16	3/11	16	3/12	24	3/29	28	4/11	31	11/ 7	29	11/ 8	24	11/ 8	24	11/21	16	11/21	16	255	255	241	224	210								
ASHLAND	97	7/15	0	1/22	3/10	14	3/10	14	3/12	23	3/24	25	4/11	31	11/ 7	28	11/ 7	28	11/17	24	11/23	15	11/23	15	258	258	250	228	210								
CAMP PICKETT	96	7/12	1	1/22	3/11	15	3/11	15	3/11	15	4/ 2	27	4/12	30	11/ 7	30	11/ 8	25	11/14	23	11/21	18	11/22	13	256	255	248	220	209								
CHASE CITY	95	7/19	6	1/22	2/ 9	12	3/10	17	3/11	22	3/23	27	4/11	30	11/ 7	32	11/ 9	28	11/21	21	11/23	19	NONE			258	255	231	210								
COLUMBIA 2 SSE	98	7/12	-3	1/22	3/10	13	3/10	13	3/24	24	4/11	28	4/12	32	10/ 3	30	11/ 7	28	11/ 8	22	11/21	14	11/21	14	256	256	229	210	174								
CORBIN	94	7/12	-6	1/22	3/10	14	3/10	14	3/12	22	3/24	25	5/17	32	11/ 8	26	11/ 8	26	11/17	24	11/21	20	NONE			256	250	229	175								
CROZIER	96	7/12	1	1/23	3/11	16	3/11	16	3/12	24	3/24	27	4/ 2	32	11/ 7	32	11/ 8	28	11/21	20	11/21	20	NONE			255	254	229	175								
FARMVILLE 2 N	97	7/11	2	1/22	2/ 8	15	3/ 9	20	4/ 2	23	4/11	28	4/12	32	11/ 7	29	11/ 8	26	11/17	23	11/21	17	11/23	16	289	257	229	211	209								
JOHN H KERR DAM	97	7/12	6	1/23	2/ 9	15	3/11	20	3/11	20	3/12	27	4/11	30	11/ 7	31	11/ 9	28	11/21	21	12/ 7	19	NONE			271	255	242	210								
LAWRENCEVILLE 5 W	96	6/18	3	1/22	2/ 8	11	3/10	17	3/11	22	3/24	28	4/12	32	11/ 7	27	11/ 7	27	11/18	23	11/21	20	12/ 7	15	303	256	252	228	209								
LOUISA	95	7/11	-11	1/22	3/10	11	3/12	19	3/24	21	4/11	25	5/17	29	11/ 4	31	11/ 7	28	11/ 8	22	11/21	15	11/21	15	256	254	229	210	171								
RICHMOND WSO AP	R 99	9/ 3	8	1/22	1/23	16	3/10	17	3/10	17	3/12	26	4/ 2	32	11/ 7	32	11/15	28	11/23	20	11/23	20	NONE			258	258	248	219								
WESTERN PIEDMONT 03																																					
APPOMATTOX					3/12	11	3/12	11	3/12	11	4/20	27	5/17	32	11/ 7	30	11/ 9	28	11/20	15	11/20	15	11/20	15	253	253	253	203	174								
BEDFORD	95	7/ 5	5	1/22	2/ 8	16	3/10	20	3/12	24	3/24	28	4/11	30	11/ 7	28	11/ 7	28	11/21	17	11/21	17	11/22	16	288	256	254	228	210								
BROOKNEAL	97	7/12	4	1/ 1	1/24	14	3/11	18	3/11	18	3/25	28	4/12	31	10/ 3	31	11/ 7	24	11/ 7	24	11/17	18	11/21	15	302	251	241	227	174								
CHARLOTTE COURT HOUSE 3 W	97	7/12	4	1/22	2/ 8	16	3/11	18	3/11	18	3/13	26	4/11	29	11/ 7	29	11/ 8	28	11/21	19	11/21	19	12/ 7	19	12/ 7	16	303	255	255	240	210						
CHARLOTTESVILLE 2 W	94	7/12	2	1/22	2/ 8	16	3/12	20	3/12	20	3/13	25	3/29	31	11/ 8	32	11/20	25	11/22	24	12/ 7	15	12/ 7	15	303	270	255	224	224								
CHATHAM	96	9/ 3	-1	1/ 1	3/11	16	3/12	19	4/ 2	23	4/12	28	5/18	32	9/19	31	11/ 7	26	11/ 8	23	11/17	18	11/21	15	255	250	220	209	124								
DANVILLE-BRIDGE ST	98	7/12	6	1/ 1	2/ 9	16	3/10	20	3/11	22	3/12	26	4/20	31	11/ 7	31	11/14	28	11/17	24	11/23	20	NONE			258	251	247	201								
LYNCHBURG WSO AP	R 94	7/11	3	1/22	2/ 1	15	3/ 9	20	3/10	21	3/12	26	4/ 2	29	11/ 7	29	11/17	26	11/21	21	11/23	18	NONE			259	256	250	219								
MARTINSVILLE FILT PL	96	7/11	2	1/ 1	3/11	16	3/13	20	3/24	24	4/11	28	5/17	31	11/ 7	24	11/ 7	24	11/ 7	24	11/21	17	11/22	16	256	253	228	210	174								
MONTECELLO	94	7/12	2	1/22	2/ 8	15	3/12	20	3/13	22	3/14	27	3/29	32	11/ 8	31	11/20	25	11/22	23	12/ 7	17	NONE			270	254	251	224								
PHILPOTT DAM 2	94	7/12	0	1/22	2/ 9	14	3/11	18	3/13	22	4/ 2	27	4/20	31	11/ 7	28	11/ 7	28	11/21	21	11/23	19	12/ 7	14	302	257	253	219	201								
PINEY RIVER 2 SE	95	6/13	-5	1/22	3/10	14	3/10	14	3/12	21	4/11	28	4/19	30	10/ 3	30	11/30	21	11/30	21	12/ 7	13	12/ 7	13	12/ 7	12	272	263	233	167							
ROCKY MOUNT	93	7/12	2	1/22	3/10	16	3/11	20	3/12	22	4/11	27	4/13	31	11/ 7	26	11/ 7	26	11/ 8	24	11/22	20	11/23	15	258	256	241	210	208								
SOUTH BOSTON					2/10	14	3/11	18	3/12	21	3/29	27	3/29	27	11/ 7	29	11/ 8	25	11/13	22	11/21	16	11/21	16	285	255	246	224	223								
STUART 1 SSE	93	8/ 3	8	1/21	2/ 8	14	3/10	18	3/10	18	3/12	26	4/19	32	11/17	32	1																				

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

VIRGINIA
1984

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES						
					16° OR BELOW		20° OR BELOW		24° OR BELOW		28° OR BELOW		32° OR BELOW		32° OR BELOW		28° OR BELOW		24° OR BELOW		20° OR BELOW		16° OR BELOW		16° OR BELOW	20° OR BELOW	24° OR BELOW	28° OR BELOW	32° OR BELOW		
					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.							
					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.					
NORTHERN 04																															
BERRYVILLE	94	6/9	-10	1/22	3/12	16	3/12	16	3/16	24	3/24	25	4/11	29	11/3	27	11/3	27	11/21	22	11/22	17	NONE			255	250	224	206		
BIG MEADOWS	85	6/9	-8	1/21	3/13	16	3/13	16	4/11	24	4/23	25	5/17	31	9/16	30	11/3	21	11/3	21	11/8	18	11/20	11/25	240	206	194	122			
CULPEPER	97	7/11	-9	1/22	3/10	16	3/12	19	3/12	19	4/13	26	4/13	26	11/8	27	11/8	27	11/22	23	11/23	18	NONE			256	255	209	209		
ELKWOOD 6 SE					NONE		NONE		NONE		NONE		NONE		NONE		NONE		NONE		NONE		NONE								
LINCOLN	98	7/11	-10	1/22	3/12	14	3/12	14	3/14	23	3/28	27	4/11	31	11/3	28	11/3	28	11/8	24	11/21	20	12/7	16	270	254	239	220	206		
LURAY 5 E	95	6/9	-10	1/22	3/12	12	3/15	20	4/11	24	4/11	24	5/16	31	10/3	32	11/3	26	11/20	22	11/22	15	11/22	15	255	252	223	206	140		
MANASSAS 3 NW					2/2	16	3/12	19	3/13	24	3/26	25	4/10	30	11/16	30	11/20	23	11/20	23	NONE		NONE				352	239	220		
MOUNT WEATHER	90	6/14	-4	1/22	3/13	13	3/13	13	3/15	23	3/30	28	4/23	31	11/3	28	11/3	28	11/20	19	11/20	19	12/7	10	269	252	250	218	194		
PIEDMONT RESEARCH STN	95	7/12	-4	1/22	3/10	14	3/12	20	3/13	21	3/24	26	4/8	32	11/8	29	11/14	27	11/21	19	11/21	19	NONE			254	253	235	214		
RICHARDSVILLE					NONE		NONE		NONE		NONE		NONE		11/3	32	11/7	26	11/8	21	11/17	18	11/23	13							
STERLING (RCS)	94	7/12	-13	1/22	3/11	16	3/24	20	4/2	24	4/10	26	5/17	30	10/3	32	11/8	21	11/8	21	11/21	16	11/21	16	255	242	220	212	139		
WARRENTON 3 SE	95	7/12	-4	1/22	3/10	13	3/13	19	3/13	19	3/14	27	4/10	31	11/3	29	11/4	27	11/30	23	12/7	12	12/7	12	272	269	262	235	207		
WASH DULLES WSO AP	92	6/13	-18	1/22	3/10	8	3/12	18	4/2	24	4/10	27	5/17	30	11/3	30	11/7	26	11/8	24	11/21	17	11/23	14	258	254	220	211	170		
WASH NATL WSCMO AP	R 97	6/11	3	1/22	1/22	3	3/10	20	3/12	22	3/12	22	3/24	32	11/20	28	11/20	28	12/7	22	NONE		NONE				270	253	241		
WINCHESTER "WINC"	94	6/19	-7	1/22	3/12	15	3/13	17	3/14	24	3/25	28	4/10	30	11/3	29	11/8	26	11/17	20	11/17	20	NONE			249	248	228	207		
WINCHESTER 3 ESE	97	6/14	-15	1/22	3/12	8	3/14	17	4/11	24	4/11	24	5/17	31	11/3	24	11/3	24	11/3	24	11/20	20	11/23	15	256	251	206	206	170		
WOODSTOCK 2 NE	99	6/9	-10	1/22	3/10	12	3/12	17	3/24	23	4/11	27	5/17	31	11/3	26	11/3	26	11/8	23	11/20	20	11/22	14	257	253	229	206	170		
CENTRAL MOUNTAIN 05																															
BUCHANAN	94	7/11	-2	1/22	3/10	16	3/10	16	3/12	21	4/11	28	4/19	32	11/7	26	11/7	26	11/14	24	11/21	17	11/22	16	257	256	247	210	202		
COVINGTON FILT PLANT					1/22	3/10	12	3/12	18	3/24	23	4/11	25	5/17	30	10/3	32	11/3	27	11/7	22	11/13	20	11/21	14	256	246	228	206	139	
DALE ENTERPRISE	96	6/9	-8	1/22	3/10	15	3/12	18	3/24	23	4/2	26	4/19	32	11/3	28	11/3	28	11/8	24	11/20	20	11/22	16	257	253	229	215	198		
GATHRIGHT DAM	92	6/12	-7	1/22	3/12	15	3/13	18	4/2	22	5/17	26	5/31	32	10/3	31	11/3	25	11/7	23	11/13	16	11/13	16	246	245	219	170	125		
HOT SPRINGS	93	6/12	-7	1/22	3/12	9	3/13	20	3/24	24	4/8	28	5/17	31	10/3	32	11/7	26	11/14	24	11/21	15	11/21	15	254	253	235	213	139		
LEXINGTON	91	6/19	-2	1/22	3/10	14	3/12	20	3/24	24	4/11	28	4/19	31	11/8	25	11/8	25	11/14	23	11/21	16	11/21	16	256	254	235	211	203		
MONTEREY	89	6/12	-10	1/21	3/12	11	3/24	19	4/2	23	4/11	26	5/17	29	10/3	27	10/3	27	11/3	23	11/20	17	11/21	17	11/21	16	254	241	215	175	139
ROANOKE WSO AP	R 94	7/11	2	1/22	3/9	15	3/10	18	3/12	24	3/24	28	4/2	30	11/7	31	11/21	20	11/21	20	11/21	20	12/6	15	272	256	254	242	219		
STAUNTON SEWAGE PLANT					1/21	3/12	15	3/22	19	3/24	22	4/11	26	5/17	30	11/3	28	11/3	28	11/8	21	11/14	19	11/21	16	254	237	225	206	170	
TIMBERVILLE 3 E	95	6/11	-12	1/22	3/12	16	3/12	16	3/13	24	4/2	28	5/17	32	11/3	28	11/3	28	11/8	23	11/20	20	11/22	14	255	253	240	215	170		
SOUTHWESTERN MOUNTAIN 06																															
ABINGDON 3 S	94	6/8	-3	1/21	3/9	14	3/12	19	3/12	19	4/11	28	5/31	31	10/3	30	11/7	23	11/7	23	11/14	20	11/21	16	257	247	240	210	125		
BLACKSBURG 3 SE	90	9/2	-3	1/22	3/10	13	3/11	19	4/11	24	4/11	24	4/23	31	10/3	30	11/7	25	11/8	21	11/21	13	11/21	13	256	255	211	210	163		
BURKES GARDEN	86	9/2	-5	1/21	3/10	16	4/2	20	4/11	22	4/20	28	5/17	31	9/17	28	9/17	28	11/7	24	11/8	19	11/21	12	256	220	210	150	123		
FLOYD 2 NE					1/22	3/12	16	4/11	20	4/11	20	4/20	26	5/31	32	9/18	30	9/19	27	11/7	23	11/8	17	11/21	11	254	211	210	152	110	
GALAX RADIO WBOB	88	7/11	3	1/22	3/10	16	3/12	19	4/2	22	4/19	28	5/17	32	10/3	29	11/7	24	11/7	24	11/21	14	11/21	14	11/21	14	256	254	219	202	139
GRUNDY	93	9/3	-5	1/21	3/9	16	3/10	17	3/12	21	4/3	28	4/3	28	11/3	31	11/8	27	11/14	23	11/21	17	12/7	10	273	256	247	219	214		
MARION EVAP STATION					1/21	3/12	16	3/12	16	4/11	24	4/19	26	5/31	31	9/17	32	10/3	24	10/3	24	11/7	16	11/7	16	240	240	175	167	109	
MT LAKE BIOLOGICAL STA	84	6/7	-7	1/21	3/11	11	3/12	17	4/2	23	4/22	28	5/31	31	11/3	22	11/3	22	11/3	22	11/7	20	11/13	16	247	240	215	195	156		
PENNINGTON GAP	92	6/12	-5	1/21	3/9	16	3/15	19	4/1	22	4/19	28	5/17	29	10/3	30	11/7	22	11/7	22	11/14	18	11/17	14	253	244	220	202	139		
PULASKI 2 E	90	9/2	-2	1/22	3/12	16	3/31	19	4/11	23	4/11	23	5/17	29	9/20	32	11/3	26	11/7	23	11/8	20	11/21	13	254	222	210	206	126		
STAFFORDSVILLE 3 ENE	92	6/18			2/7	15	2/29	18	4/11	24	4/11	24	4/11	24	10/3	32	11/3	27	11/7	24	11/8	20	11/22	12	289	253	210	206	175		
WISE 1 SE					1/21	3/10	16	3/10	16	3/12	21	3/31	27	4/20	31	11/3	29	11/7	26	11/13	22	11/17	20	11/21	16	256	252	246	221	197	
WYTHEVILLE 1 S	90	6/7	-1	1/21	3/10	14	3/24	20	4/2	21	4/12	28	5/17	29	9/17	30	11/3	27	11/7	22	11/8	20	11/21	12	256	229	219	205	123		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

VIRGINIA
1984

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
VIRGINIA														
TIDEWATER 01														
BACK BAY WL REF	B 0	B 0	0	B 0	124	B 309	345	392	207	B 96	B 1	B 0	B 1474	
COLONIAL BEACH	B 0	0	0	1	103	B 400	408	425	178	-	1	-	-	
EMPORIA 1 WNW	0	0	0	14	100	305	307	322	135	87	2	0	1272	1203
FREDERICKSBURG NATL PK	0	0	0	3	67	305	324	354	138	57	0	0	1248	
HOLLAND 1 E	0	0	0	9	134	310	319	340	141	92	2	0	1347	1329
HOPEWELL	B 0	0	0	10	124	-	348	351	160	82	0	1	1571	
KILMARNOCK 1 N	0	0	0	0	109	329	331	342	156	81	0	B 2	B 1350	
LANGLEY AFB	0	0	0	7	161	384	390	450	209	131	4	1	1737	1472
MATHEWS 2 ENE	B 0	0	0	0	114	312	331	344	170	90	5	1	B 1367	
NORFOLK WSO AP	0	0	0	5	146	345	368	426	188	102	5	2	1587	1458
OYSTER	-	-	0	0	85	B 315	313	357	160	-	-	-	-	
PAINTER 2 W	0	0	0	0	113	303	341	360	160	89	0	0	1366	1205
STONY CREEK 3 ESE	0	0	0	31	129	377	336	398	144	67	0	-	-	
SUFFOLK LAKE KILBY	0	0	0	7	136	343	351	389	145	86	1	0	1458	1377
TANGIER ISLAND	0	0	0	0	90	354	420	447	224	85	5	0	1625	
WAKEFIELD 2	0	0	0	11	101	310	350	374	B 157	113	5	1	B 1422	
WALKERTON 2 NW	0	0	0	4	107	323	330	341	139	84	0	0	1329	1256
WARSAW 2 NW	0	0	0	2	102	326	338	349	158	89	0	1	1364	1273
WEST POINT 2 SW	0	0	0	8	137	349	334	343	148	102	1	0	1422	
WILLIAMSBURG 2 N	0	0	0	3	140	338	340	377	164	B 83	1	2	B 1448	1323
EASTERN PIEDMONT 02														
AMELIA 4 SW	0	0	0	13	84	287	279	300	B 110	68	0	1	B 1142	
ASHLAND	0	0	0	6	86	299	303	323	123	77	0	0	1217	
CAMP PICKETT	0	0	0	15	85	295	300	343	104	50	0	0	1192	
CHASE CITY	0	0	0	5	63	301	309	B 335	B 101	71	B 0	B 0	B 1185	
COLUMBIA 2 SSE	B 0	0	0	8	90	291	324	322	B 133	68	0	0	B 1236	1125
CORBIN	0	0	0	3	81	288	289	325	127	67	0	2	1182	
CROZIER	0	0	0	8	79	285	294	329	111	64	0	0	1170	
FARMVILLE 2 N	B 0	0	0	17	104	332	320	331	130	81	1	0	B 1316	1170
JOHN H KERR DAM	0	0	0	13	93	338	356	386	B 153	93	1	0	B 1433	1323
LAWRENCEVILLE 5 W	0	0	0	11	118	309	295	337	119	77	0	0	1266	1275
LOUISA	0	0	0	3	89	282	298	318	114	63	0	0	1167	1090
RICHMOND WSO AP	R 0	0	0	10	114	392	346	381	154	100	0	2	1499	1336
WESTERN PIEDMONT 03														
APPOMATTOX	0	0	0	11	53	290	275	287	114	-	1	0	-	
BEDFORD	0	0	0	18	63	273	228	251	58	26	0	0	917	1079
BROOKNEAL	0	0	0	15	70	315	287	338	128	71	0	0	1224	
CHARLOTTE COURT HOUSE 3 W	0	0	0	15	71	304	278	347	182	144	B 2	0	B 1343	1142
CHARLOTTESVILLE 2 W	0	0	0	12	74	303	242	272	145	65	B 0	1	B 1114	1220
CHATHAM	0	0	0	7	44	208	194	221	58	58	0	0	790	1108
DANVILLE-BRIDGE ST	0	0	0	23	97	357	345	382	160	108	0	0	1472	1384
LYNCHBURG WSO AP	R 0	0	0	17	65	296	265	314	115	81	0	1	1154	1074
MARTINSVILLE FILT PL	B 0	0	0	10	51	259	260	290	91	54	0	B 0	B 1015	991
MONTICELLO	B 0	0	0	9	70	285	243	296	B 120	50	1	B 3	B 1077	
PHILPOTT DAM 2	0	0	0	11	46	247	243	293	104	59	0	0	1003	
PINEY RIVER 2 SE	0	0	0	20	58	B 265	242	-	102	48	-	B 0	-	
ROCKY MOUNT	0	0	0	8	49	249	243	282	91	49	0	0	971	
SOUTH BOSTON	0	0	0	-	74	321	342	360	135	97	0	0	-	
STUART 1 SSE	0	0	0	13	58	287	266	326	137	80	0	0	1167	
TYE RIVER 1 SE	0	0	0	10	56	279	235	284	111	63	0	4	1042	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE=65 DEGREES FAHRENHEIT

VIRGINIA
1984

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
NORTHERN 04														
BERRYVILLE	0	0	0	1	66	231	260	281	100	38	0	0	977	
BIG MEADOWS	0	0	0	0	15	88	47	64	19	3	0	0	236	206
CULPEPER	0	0	0	10	89	315	314	325	134	57	0	0	1244	1129
ELKWOOD 6 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	972
LINCOLN	0	0	0	2	78	280	293	319	142	B 45	0	0	B 1159	1128
LURAY 5 E	0	0	0	7	68	213	210	238	78	B 47	0	0	B 861	811
MANASSAS 3 NW	-	B	0	B	11	-	-	B 323	-	B 74	B	0	-	675
MOUNT WEATHER	0	0	0	0	45	189	163	192	70	16	0	0	675	650
PIEDMONT RESEARCH STN	0	0	0	6	63	284	280	315	116	48	0	0	1112	1105
RICHARDSVILLE	-	-	-	-	-	-	243	284	93	B 40	0	-	-	972
STERLING (RCS)	0	0	0	4	58	220	265	289	94	29	0	0	959	
WARRENTON 3 SE	0	0	0	6	59	264	264	312	116	36	0	0	-	985
WASH DULLES WSO AP	0	0	0	0	38	215	228	292	82	39	0	0	894	970
WASH NATL WSCMO AP	R 0	0	0	4	99	368	365	404	157	73	0	0	1470	1430
WINCHESTER "WINC"	0	0	0	2	61	243	249	273	108	30	0	0	966	
WINCHESTER 3 ESE	0	0	0	2	51	218	225	267	97	30	0	2	892	985
WOODSTOCK 2 NE	0	0	0	4	62	257	266	300	112	53	0	2	1056	936
CENTRAL MOUNTAIN 05														
BUCHANAN	0	0	0	19	63	277	266	296	113	68	0	0	1102	1066
COVINGTON FILT PLANT	0	0	0	13	41	-	237	264	85	43	0	0	-	
DALE ENTERPRISE	0	0	0	4	58	265	223	245	95	37	0	0	927	773
GATHRIGHT DAM	0	0	0	15	28	178	134	185	50	26	0	0	616	
HOT SPRINGS	0	0	0	12	33	191	128	184	59	23	0	0	630	535
LEXINGTON	0	0	0	7	41	240	228	258	86	43	0	0	903	979
MONTEREY	0	0	0	2	21	B 140	96	119	34	12	0	0	B 424	
ROANOKE WSO AP	0	0	0	20	71	290	260	301	101	56	0	0	1099	1085
STAUNTON SEWAGE PLANT	0	0	0	4	41	181	195	210	-	5	0	0	-	809
TIMBERVILLE 3 E	0	0	0	1	67	286	263	270	98	44	0	0	1029	823
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3 S	0	0	0	9	45	226	194	231	91	51	0	0	847	
BLACKSBURG 3 SE	0	0	0	11	27	174	122	188	68	20	0	0	610	585
BURKES GARDEN	0	0	0	0	12	81	77	77	24	5	0	B	B 276	252
FLOYD 2 NE	0	0	0	2	16	-	129	127	43	10	0	0	-	544
GALAX RADIO WBOB	0	0	0	1	24	145	152	171	57	17	0	0	567	
GRUNDY	0	0	0	20	39	253	230	283	90	32	0	0	947	
MARION EVAP STATION	0	0	0	0	7	-	117	143	35	2	0	0	-	
MT LAKE BIOLOGICAL STA	B 0	0	B 0	2	B 9	63	41	24	6	1	0	0	B 146	
PENNINGTON GAP	0	0	0	10	38	258	232	281	95	24	0	0	938	830
PULASKI 2 E	0	0	0	6	27	184	168	206	72	29	0	0	692	
STAFFORDSVILLE 3 ENE	0	0	-	5	19	194	179	210	72	28	0	0	-	
WISE 1 SE	0	0	0	9	30	198	-	168	58	20	0	0	-	
WYTHEVILLE 1 S	0	0	0	3	19	166	170	185	68	23	0	0	634	576

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL EVAPORATION AND WIND MOVEMENT

VIRGINIA
1984

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
VIRGINIA														
EASTERN PIEDMONT 02														
JOHN H KERR DAM	WIND	-	-	-	1529	B 1561	1366	1690	1143	1557	1225	-	-	-
	EVAP	-	-	-	B 4.22	6.26	B 7.19	6.32	B 5.13	4.41	2.79	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN PIEDMONT 03														
PHILPOTT DAM 2	WIND	-	-	-	B 680	809	436	445	300	283	169	-	-	-
	EVAP	-	-	-	B 2.79	4.93	5.14	B 4.66	B 4.20	3.19	B 2.19	-	-	-
	MAX TEMP	-	-	-	M 71.7	86.1	94.4	94.2	93.0	86.2	78.9	-	-	M
	MIN TEMP	-	-	-	M 51.6	59.0	70.3	72.7	74.0	63.8	63.9	-	-	M
NORTHERN 04														
PIEDMONT RESEARCH STN	WIND	-	-	-	1466	1596	1230	1167	691	741	696	979	-	-
	EVAP	-	-	-	B 4.96	B 6.97	7.43	B 6.71	B 5.29	4.52	B 3.39	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL MOUNTAIN 05														
GATHRIGHT DAM	WIND	-	-	-	-	B 1023	548	445	408	482	467	-	-	-
	EVAP	-	-	-	-	B 5.01	5.15	4.49	B 4.62	3.49	2.59	-	-	-
	MAX TEMP	-	-	-	-	70.1	83.5	82.7	84.4	76.3	67.5	-	-	M
	MIN TEMP	-	-	-	-	47.6	59.7	59.6	61.5	52.9	52.3	-	-	M
SOUTHWESTERN MOUNTAIN 06														
MARION EVAP STATION	WIND	-	-	-	-	968	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	B 4.81	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	M 73.1	-	-	-	-	-	-	-	M
	MIN TEMP	-	-	-	-	M 51.7	-	-	-	-	-	-	-	M

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

VIRGINIA
1984

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	17	17	0			
ALLISONIA 2 S	0135	06	PULASKI	36 54	80 45 W	1820	0	33	0			
ALTAVISTA	0166	03	CAMPBELL	37 6	79 18 W	510	0	40	0			
AMELIA 4 SW	0187	02	AMELIA	37 18	78 2 W	360	17	17	0			C
AMISSVILLE	0193	04	RAPPAHANNOCK	38 41	78 1 W	550	0	41	0			
APPOMATTOX	0243	03	APPOMATTOX	37 22	78 50 W	910	24	47	0			
ASHLAND	0327	02	HANOVER	37 45	77 29 W	220	73	73	0			H
BACK BAY WL REF	0385	01		36 40	75 55 W	5	33	33	0			
BEDFORD	0551	03	BEDFORD	37 21	79 31 W	975	57	71	0			
BERRYVILLE	0670	04	CLARKE	39 9	77 59 W	600	34	44	0			
BIG MEADOWS	0720	04	MADISON	38 31	78 26 W	3535	50	50	0			H
BLACKSBURG 3 SE	0766	06	MONTGOMERY	37 11	80 25 W	2000	34	34	0			H
BLAND	0792	06	BLAND	37 6	81 16 W	2000	0	35	0			
BREMO BLUFF	0993	02	FLUVANNA	37 42	78 18 W	225	9	45	0			
BROOKNEAL	1082	03	CAMPBELL	37 2	78 57 W	520	9	35	0			
BUCHANAN	1121	05	BOTETOURT	37 32	79 41 W	880	67	84	0			
BUCKINGHAM	1136	02	BUCKINGHAM	37 33	78 33 W	460	0	50	0			
BUENA VISTA	1159	05	ROCKBRIDGE	37 44	79 21 W	840	0	48	0			
BURKES GARDEN	1209	06	TAZEWELL	37 5	81 20 W	3300	88	90	0			H
BYLLESBY 3 W	1259	06	CARROLL	36 48	80 59 W	2610	0	20	0			
CAMP PICKETT	1322	02	NOTTOWAY	37 2	77 57 W	330	14	14	0			C
CHARLOTTE COURT HOUSE 3 W	1585	03	CHARLOTTE	37 4	78 42 W	590	39	39	0			H
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	38 2	78 31 W	870	82	109	0			
CHASE CITY	1606	02	MECKLENBURG	36 50	78 28 W	510	38	38	0			
CHATHAM	1614	03	PITTSYLVANIA	36 49	79 24 W	640	62	62	0			C
CLARKSVILLE	1746	02	MECKLENBURG	36 37	78 34 W	310	0	94	0			
CLIFTON FORGE	1801	05	ALLEGANY	37 49	79 48 W	1160	0	60	0			
COLONIAL BEACH	1913	01	WESTMORELAND	38 15	76 58 W	10	23	23	0			
COLUMBIA 2 SSE	1929	02	GOOCHLAND	37 44	78 9 W	290	83	87	0			C
CONCORD 5 S	1955	03	CAMPBELL	37 17	78 58 W	650	0	36	0			
COPPER HILL 1 NNE	1999	06	FLOYD	37 6	80 8 W	2720	0	44	0			
CORBIN	2009	02	CAROLINE	38 12	77 22 W	220	27	27	0			H
COVINGTON	2041	05	ALLEGANY	37 48	80 0 W	1245	0	48	0			
COVINGTON FILT PLANT	2044	05	ALLEGANY	37 48	80 0 W	1230	25	25	0			C
CRAIGSVILLE 2 S	2064	05	AUGUSTA	38 3	79 23 W	1780	0	23	0			
CROZIER	2142	02	GOOCHLAND	37 38	77 48 W	300	10	47	0			
CULPEPER	2155	04	CULPEPER	38 28	78 0 W	420	76	78	0			
CUMBERLAND	2160	02	CUMBERLAND	37 30	78 15 W	460	0	7	0			
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56 W	1400	103	105	0			C H
DANVILLE-BRIDGE ST	2245	03	PITTSYLVANIA	36 35	79 23 W	410	68	95	0			
DRIVER 4 NE	2504	01	NANSEMOND	36 53	76 29 W	17	0	43	0			
EARLEHURST	2600	05	ALLEGANY	37 40	80 14 W	2040	0	10	0			
ELKWOOD 6 SE	2729	04	CULPEPER	38 27	77 46 W	330	45	45	0			
EMPORIA 1 WNW	2790	01	GREENSVILLE	36 41	77 33 W	100	3	55	0		JULY	C
FARMVILLE 2 N	2941	02	CUMBERLAND	37 20	78 23 W	450	64	66	0			
FLOYD 2 NE	3071	06	FLOYD	36 56	80 18 W	2600	53	53	0			
FREDERICKSBURG NATL PK	3192	01	SPOTSYLVANIA	38 19	77 27 W	90	92	94	0			
FREE UNION	3213	03	ALBEMARLE	38 5	76 8 W	570	0	31	0			
GALAX RADIO WBOB	3267	06	CARROLL	36 40	80 55 W	2385	31	42	0			H
GATHRIGHT DAM	3310	05	ALLEGANY	37 57	79 57 W	1770	7	7	7			
GLASGOW 1 SE	3375	05	ROCKBRIDGE	37 37	79 25 W	740	0	19	0			
GLEN LYN	3397	06	GILES	37 22	80 52 W	1520	48	72	0			H
GORDONSVILLE 3 S	3466	02	LOUISA	38 5	78 11 W	460	0	25	0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

VIRGINIA
1984

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	
GOSHEN	3470	05	ROCKBRIDGE	37 59	79 30W	1350	0	46	0			
GRUNDY	3640	06	BUCHANAN	37 16	82 45W	1170	25	35				H
HILLSVILLE 1 S	3991	06	CARROLL	36 44	80 44W	2590	0	43				
HOLCOMBS ROCK	4039	03	BEDFORD	37 30	79 16W	575	0	26				
HOLLAND 1 E	4044	01		36 41	76 47W	800	53	53				
HOPEWELL	4101	01	PR GEORGE	37 18	77 18W	40	93	98				
HOT SPRINGS	4128	05	BATH	38 0	79 50W	2238	92	94				C H
HUDDLESTON 4 SW	4148	03	BEDFORD	37 8	79 32W	970	0	36				
INDEPENDENCE 2	4234	06	GRAYSON	36 39	81 10W	2610	0	33				
JOHN W FLANNAGAN LAKE	4410	06	DICKENSON	37 14	82 21W	1462	0	17				C C
JOHN H KERR DAM	4414	02	MECKLENBURG	36 36	78 17W	2550	37	37	34			C
KERRS CREEK 6 WNW	4565	05	ROCKBRIDGE	37 51	79 35W	1500	0	24				
KEYSVILLE 8 N	4568	02	PRINCE EDWARD	37 10	78 31W	550	0	7				
KILMARNOCK 1 N	4600	01	LANCASTER	37 43	76 23W	60	7	7				
LAFAYETTE 1 NE	4676	06	MONTGOMERY	37 14	80 13W	1380	0	35				
LANGLEY AFB	4720	01		37 5	76 21W	10	100	149				
LAWRENCEVILLE 5 W	4768	02	BRUNSWICK	36 46	77 56W	300	40	40				
LEXINGTON	4876	05	ROCKBRIDGE	37 47	79 26W	1060	107	114				H
LINCOLN	4909	04	LOUDOUN	39 7	77 43W	500	84	85				H H H
LOUISA	5050	02	LOUISA	38 2	78 0W	4200	70	70				H H H
LURAY 5 E	5096	04	PAGE	38 40	78 23W	1200	44	44				C H J
LYNCHBURG WSO AP	5120	03	CAMPBELL	37 20	79 12W	916	114	114				
MANASSAS 3 NW	5213	04	PR WILLIAM	38 47	77 30W	330	38	69				
MARION EVAP STATION	5271	06	SMYTH	36 49	81 31W	2100	26	26	26			
MARTINSVILLE FILT PL	5300	03	HENRY	36 42	79 53W	760	47	55				
MATHEWS 2 ENE	5338	01	MATHEWS	37 27	76 17W	5	35	35				H
MC DOWELL 3 W	5416	05	HIGHLAND	38 21	79 32W	2400	0	6				
MEADOWS OF DAN 5 SW	5453	03	PATRICK	36 40	80 27W	1500	0	36				
MILLGAP 2 NNW	5595	05	HIGHLAND	38 21	79 43W	2520	0	10				C
MILL RUN FARM	5599	05	BATH	38 13	79 44W	2080	0	4				
MONTEBELLO 2 NE	5685	03	NELSON	37 53	79 8W	2680	0	48				
MONTEREY	5698	05	HIGHLAND	38 25	79 35W	2920	44	60				H
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	780	4	4		JAN		
MOUNTAIN GROVE	5756	05	BATH	38 6	79 53W	1767	0	10				
MT LAKE BIOLOGICAL STA	5828	06	GILES	37 23	80 32W	3870	15	15				H
MT SOLON	5838	05	AUGUSTA	38 21	79 5W	1560	0	6			APR	
MOUNT WEATHER	5851	04	LOUDOUN	39 4	77 53W	1720	81	82				C H
NEW CASTLE	6012	05	CRAIG	37 30	80 6W	1310	0	48				
NEWPORT 2 NNW	6046	06	GILES	37 19	80 31W	2060	0	40				
NORFOLK WSO AP	6139	01		36 54	76 12W	22	40	40				C H J
NORTH FORK LAKE	6173	06	WISE	37 8	82 38W	1675	0	17				
OYSTER	6456	01	NORTHAMPTON	37 17	75 56W	27	49	49				
PAINTER 2 W	6475	01	ACCOMACK	37 35	75 49W	30	30	30				C
PALMYRA 1 E	6491	02	FLUVANNA	37 52	78 15W	410	0	29				
PEDLAR DAM	6593	03	AMHERST	37 40	79 17W	1013	0	51				
PENNINGTON GAP	6626	06	LEE	36 45	83 3W	1510	53	53				
PETERSBURG	6656	02		37 14	77 24W	15	0	7				
PHILPOTT DAM 2	6692	03	HENRY	36 47	80 2W	1123	33	33	33			C C
PIEDMONT RESEARCH STN	6712	04	ORANGE	38 13	78 7W	515	38	39	13			
PILOT 1 ENE	6723	06	MONTGOMERY	37 4	80 21W	2180	0	44				
PINEY RIVER 2 SE	6747	03	AMHERST	37 42	79 0W	750	10	10				
POWHATAN	6906	02	POWHATAN	37 33	77 56W	370	0	26				
PULASKI 2 E	6955	06	PULASKI	37 3	80 45W	1850	25	25				C
RADFORD	6999	06		37 8	80 33W	1730	0	18				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

VIRGINIA
1984

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	
RANDOLPH 5 NNE	7025	03	CHARLOTTE	36 59	78 42 W	350	0	79	0			C
RICHARDSVILLE	7164	04	CULPEPER	38 24	77 44 W	345	45	45	0			C
RICHMOND WSO AP	7201	02	HENRICO	37 30	77 20 W	164	48	48	0			H J
ROANOKE WSO AP	7285	05	ROANOKE	37 19	79 58 W	1149	51	53	0			H J
ROCKFISH	7312	03	NELSON	37 48	78 45 W	485	0	48	0			C
ROCKY MOUNT	7338	03	FRANKLIN	37 00	79 54 W	1232	92	92	0			C
SOUTH BOSTON	7925	03	HALIFAX	36 42	78 53 W	340	30	30	0			
SPEEDWELL	7971	06	WYTHE	36 49	81 10 W	2340	0	45	0			
STAFFORDSVILLE 3 ENE	8022	06	GILES	37 16	80 43 W	1950	16	34	0			
STAUNTON SEWAGE PLANT	8062	05	AUGUSTA	38 9	79 2 W	1385	93	99	0			C H
STERLING (RCS)	8084	04	LOUDOUN	38 59	77 28 W	280	9	9	0			
STONY CREEK 3 ESE	8129	01	SUSSEX	36 55	77 21 W	70	27	27	0			C
STUART 1 SSE	8170	03	PATRICK	36 38	80 16 W	1455	26	26	0			
SUFFOLK LAKE KILBY	8192	01		36 44	76 36 W	22	39	39	0			
TANGIER ISLAND	8323	01	ACCOMACK	37 50	76 0 W	5	33	33	0			
THE PLAINS 2 NNE	8396	04	FAUQUIER	38 54	77 45 W	530	0	40	0			C
TIMBERVILLE 3 E	8448	05	ROCKINGHAM	38 39	78 43 W	1000	43	54	0			
TROUT DALE 3 SSE	8547	06	GRAYSON	36 40	81 24 W	2820	0	50	0			C
TYE RIVER 1 SE	8600	03	NELSON	37 38	78 56 W	720	23	47	0			
VIENNA DUNN LORING	8737	04	FAIRFAX	38 54	77 13 W	418	0	37	0			
WAKEFIELD 2	8800	01	SUSSEX	36 59	77 0 W	90	11	11	0			
WALKERTON 2 NW	8829	01	KING & QUEEN	37 45	77 3 W	50	52	53	0			
WALLACETON LK DRUMMOND	8837	01		36 36	76 26 W	25	0	59	0			
WARRENTON 3 SE	8888	04	FAUQUIER	38 41	77 46 W	500	35	35	0			H
WARSAW 2 NW	8894	01	RICHMOND	37 59	76 46 W	140	35	35	0			H
WASHINGTON 3 SSW	8902	04	RAPPAHANNOCK	38 40	78 11 W	640	27	36	0			
WASH DULLES WSO AP	8903	04	LOUDOUN	38 57	77 27 W	290	24	24	0			H J
WASH NATL WSCMO AP	8906	04		38 51	77 2 W	10	45	45	0			C H J
WEST AUGUSTA	8975	05	AUGUSTA	38 16	79 19 W	1890	0	6	0			
WEST POINT 2 SW	9025	01	NEW KENT	37 31	76 50 W	18	32	32	0			H
WILLIAMSBURG 2 N	9151	01	YORK	37 18	76 42 W	70	35	40	0			C
WILLIS	9169	06	FLOYD	36 51	80 29 W	2900	0	7	0			
WINCHESTER "WINC"	9181	04	FREDERICK	39 11	78 9 W	720	4	4	0	JAN		
WINCHESTER 3 ESE	9186	04	FREDERICK	39 11	78 7 W	680	80	79	0			H
WINTERPOCK 4 W	9213	02	CHESTERFIELD	37 20	77 39 W	300	0	7	0			
WISE 1 SE	9215	06	WISE	36 58	82 34 W	2570	31	31	0			C H
WOODSTOCK 2 NE	9263	04	SHENANDOAH	38 54	78 28 W	660	87	93	0			H
WOOLWINE	9272	03	PATRICK	36 43	80 17 W	1520	0	35	0			C
WYTHEVILLE 1 S	9301	06	WYTHE	36 56	81 5 W	2450	82	112	0			C

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

VIRGINIA
1984

DEFINITIONS

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

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.

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.

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).

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.

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

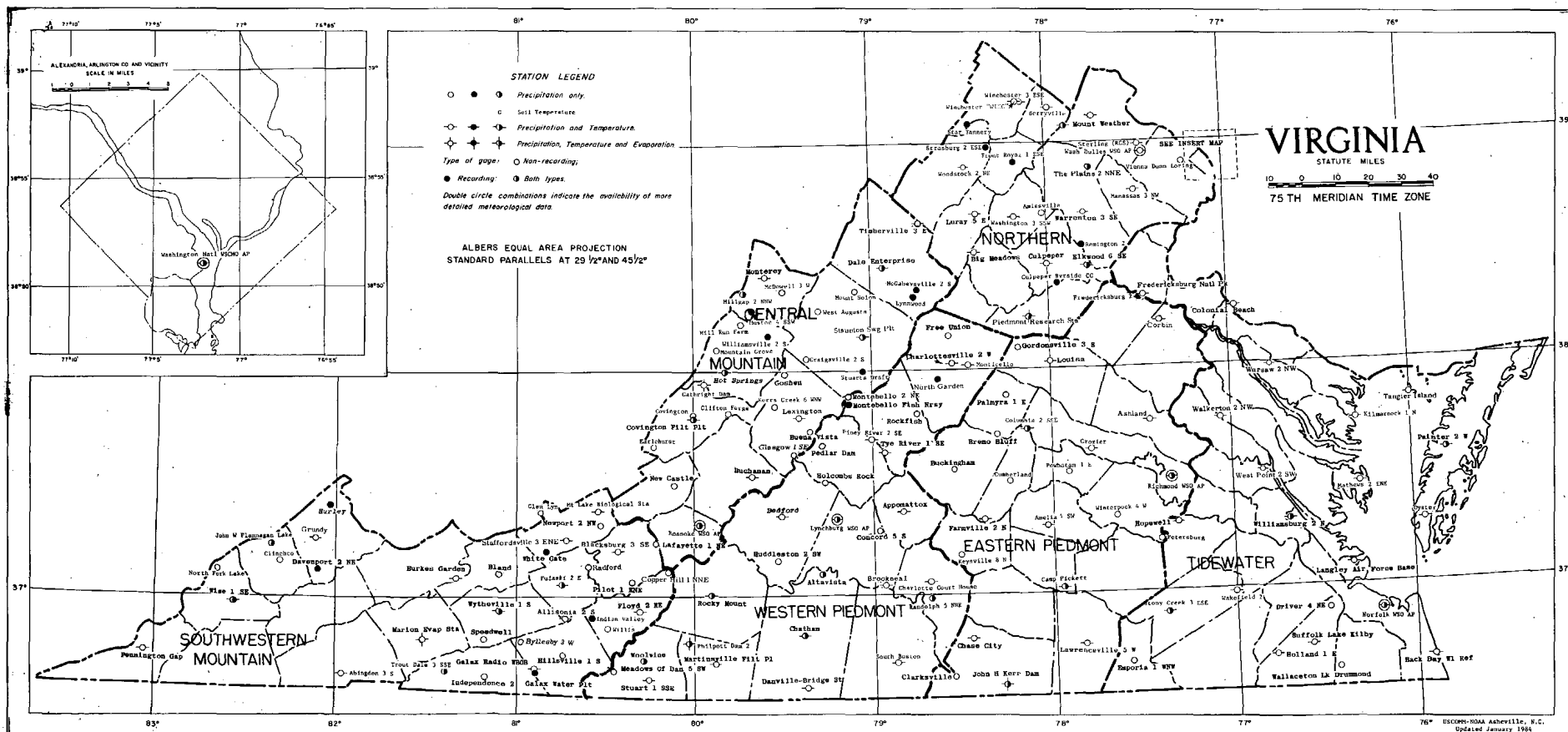
- # Thermometers located in a rooftop shelter.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Snowfall and Snow on Ground" table in Monthly Climatological Data publications.
- J Station also published as a "Local Climatological Data" publication.

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Data Center, Federal Building, Asheville, N.C. 28801-2696, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

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

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Data Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING,
ASHEVILLE, N. C. 28801-2696.



1984 DROUGHT INDICES

The 12 maps on the following pages depict monthly values, for 1984, of the Palmer Moisture Anomaly (Z) Index. Data are presented for each climatic division in seven categories of drought delineated by various thresholds of drought and wetness. The maps serve to illustrate the spatial and temporal variability of drought across the U.S. in 1984. The "Z" index, reflecting short-term moisture deficiencies or excesses, has been shown to be well-related to some crop yields. It emphasizes the moisture availability in the top-soil rather than long term water storage which is more difficult for crops to obtain. A "Z" index value of 4.0 (extremely wet) can theoretically occur in the midst of a long-term drought.

LONG TERM DROUGHT INDICES

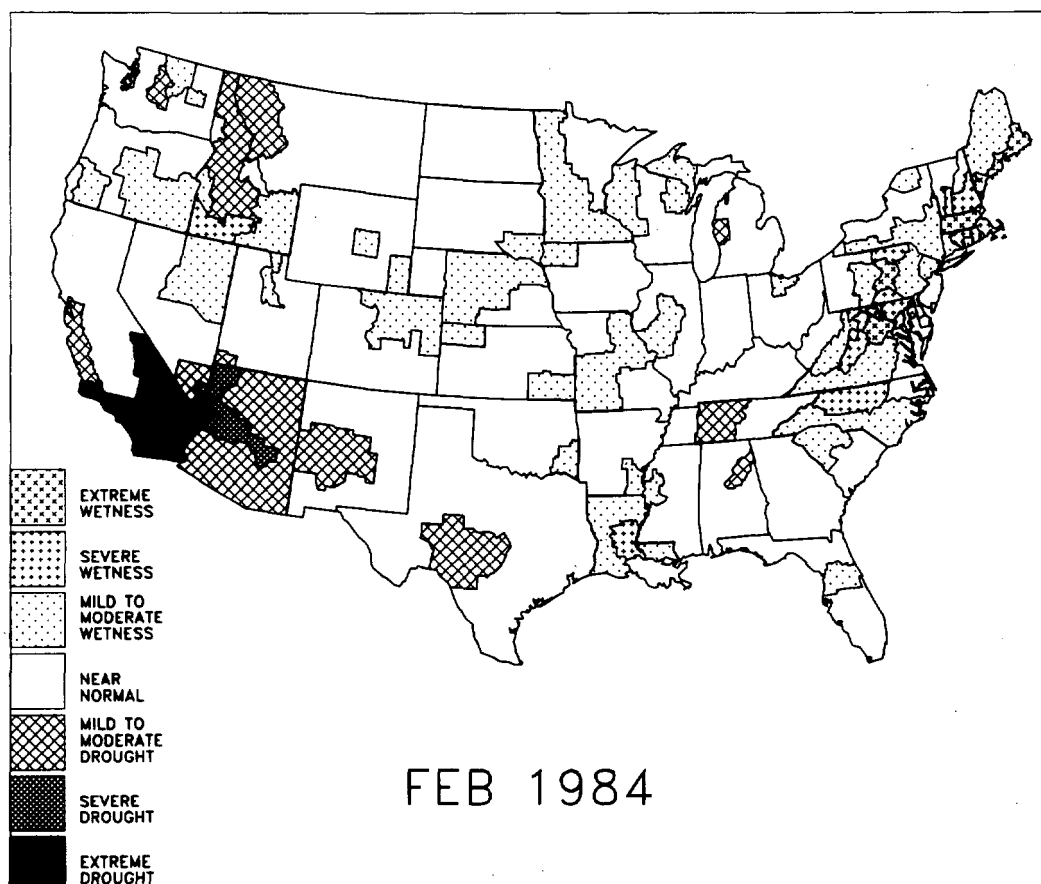
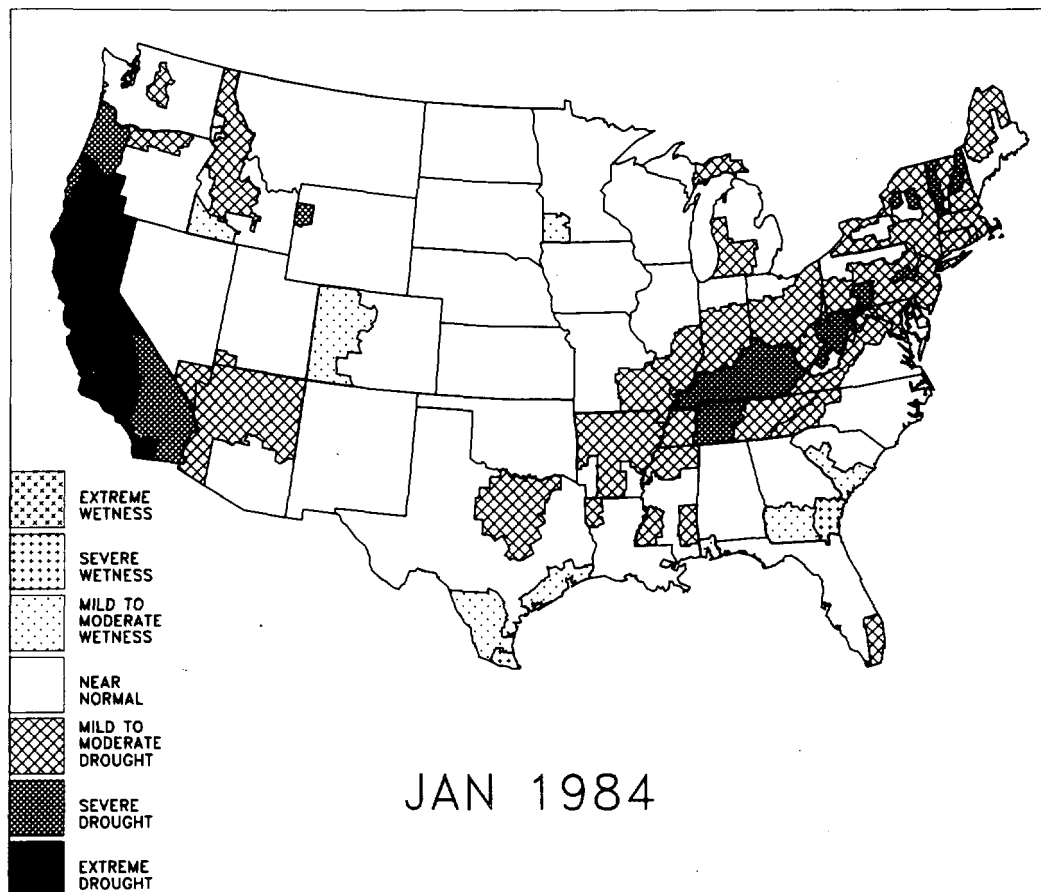
1895 - 1983

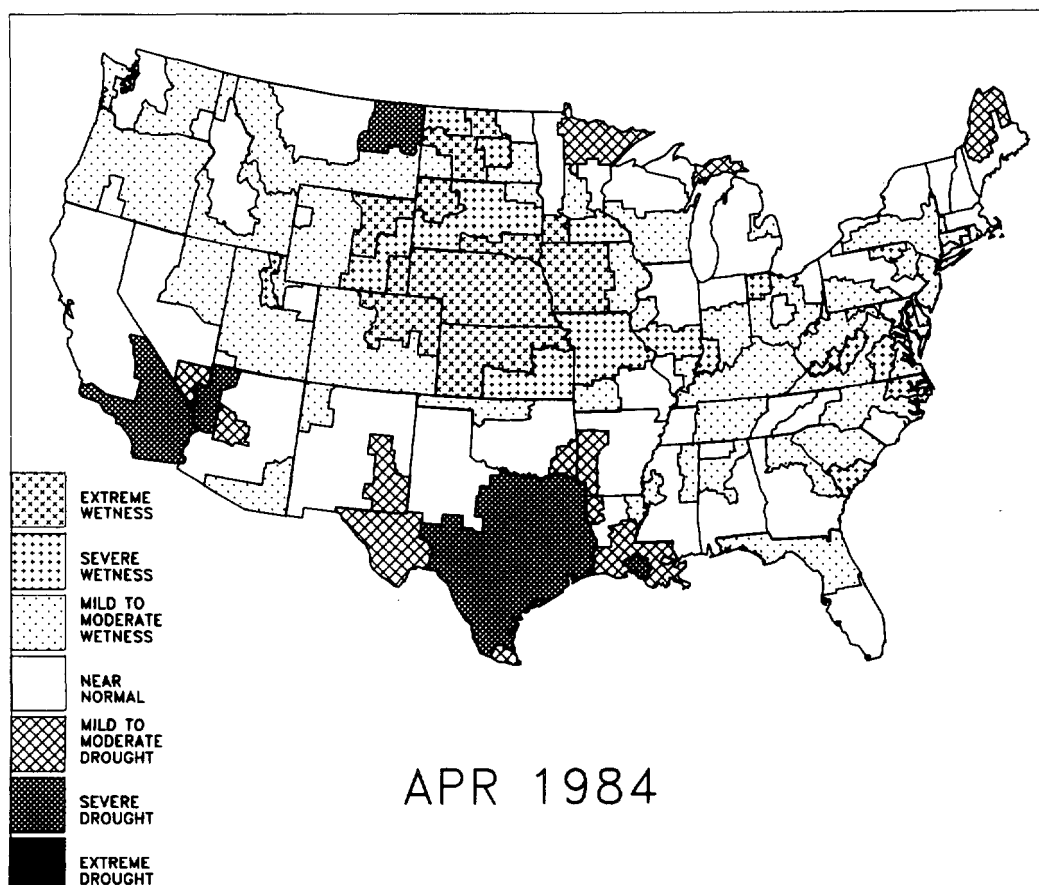
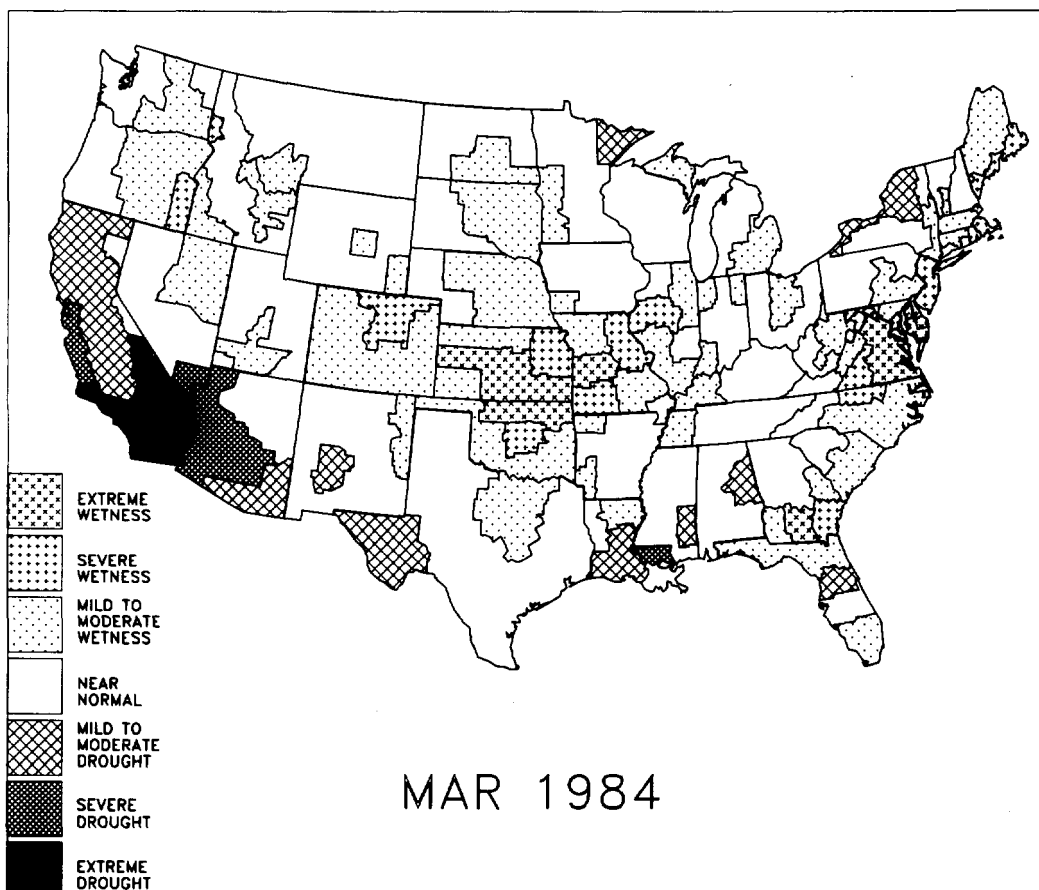
Historical maps of the "Z" index for the years 1895-1983 have been published by NCDC as the **Historical Climatology Series 3-8 and 3-9**. Similar maps depicting the Palmer Hydrological Drought Indices (PHDI) and Palmer Drought Severity Indices (PDSI) for 1895-1983 have also been published as **Series 3-6, 3-7 and 3-10, 3-11**, respectively. The PHDI is more appropriately related to long-term water storage such as ground water supply and lake and reservoir levels whereas the PDSI is more useful as a meteorological drought index classifying spells of weather.

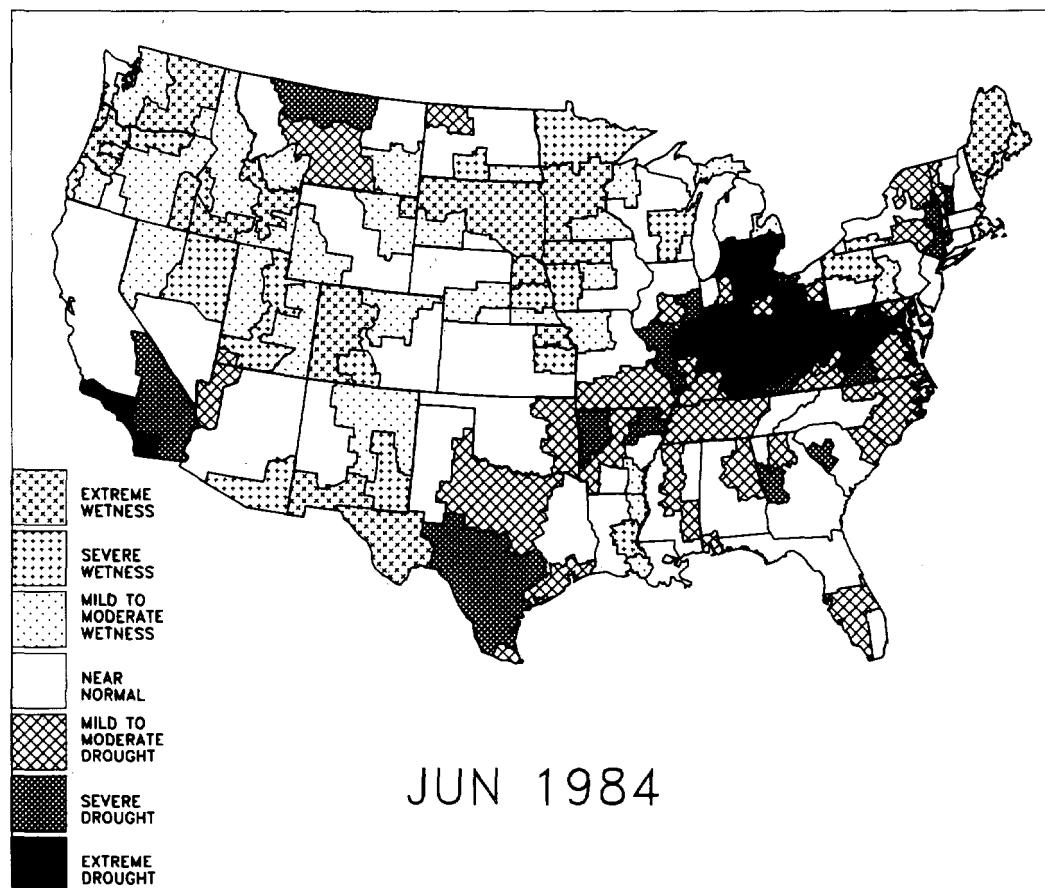
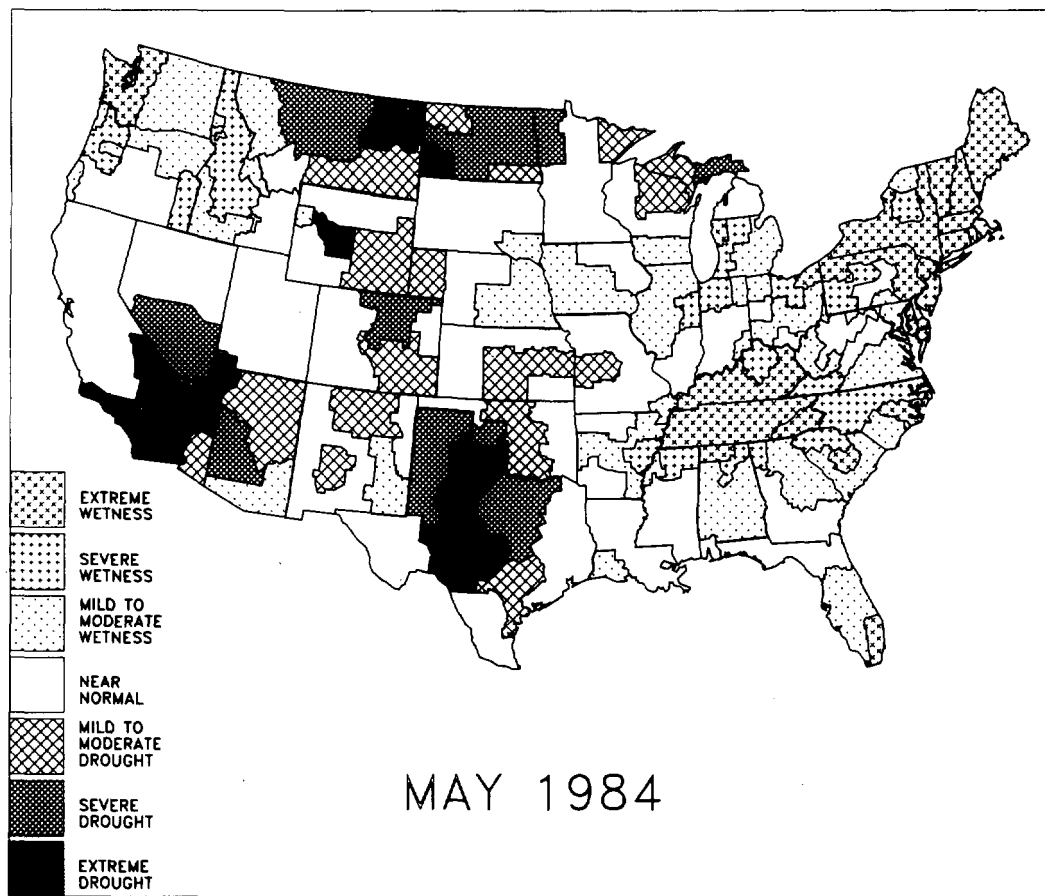
The maps contained in this series are the result of computer programs written by Richard W. Knight. The contents of the maps and the text were prepared by Thomas R. Karl. The data used in constructing this series are available in digital form.

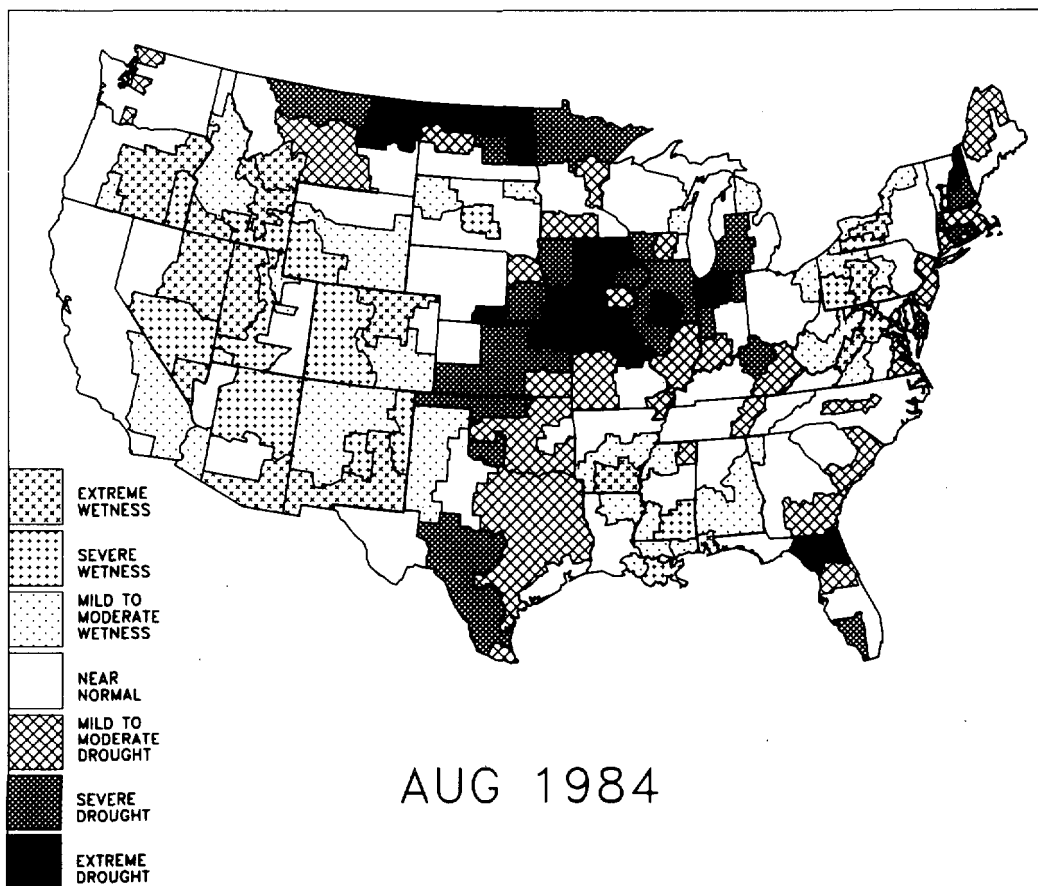
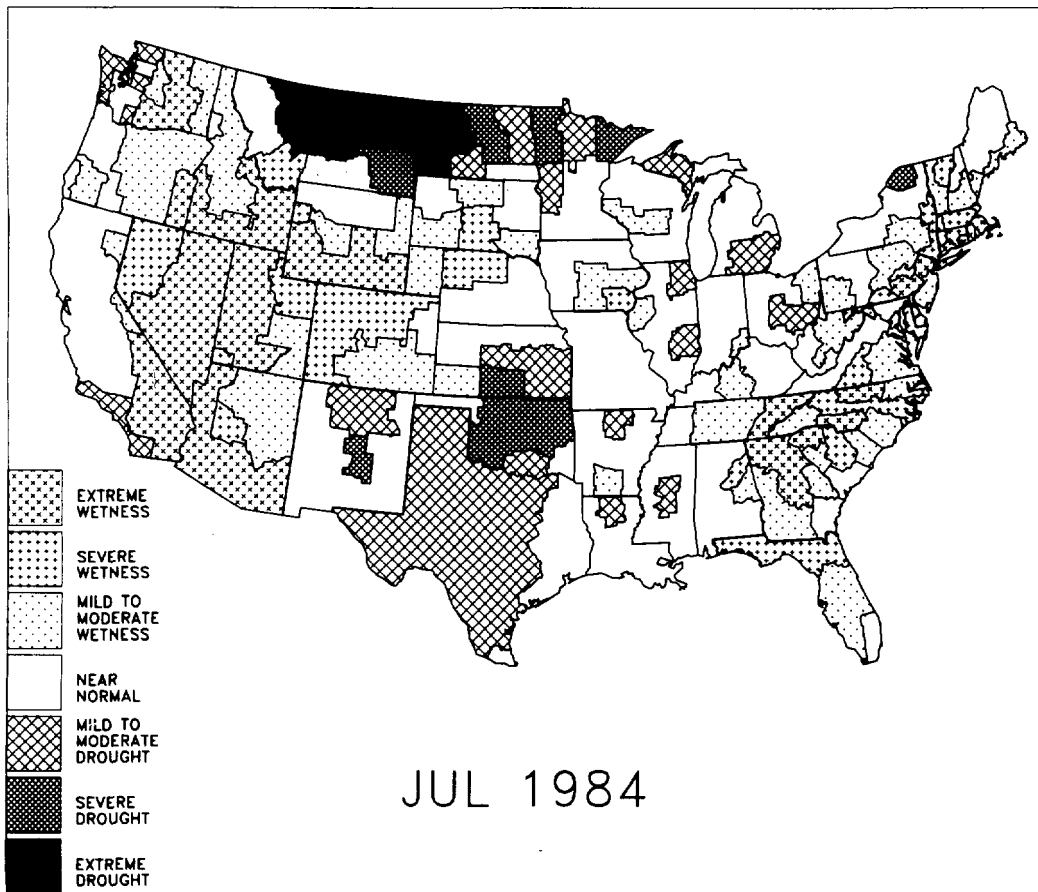
For information on the atlases or the digital data contact:

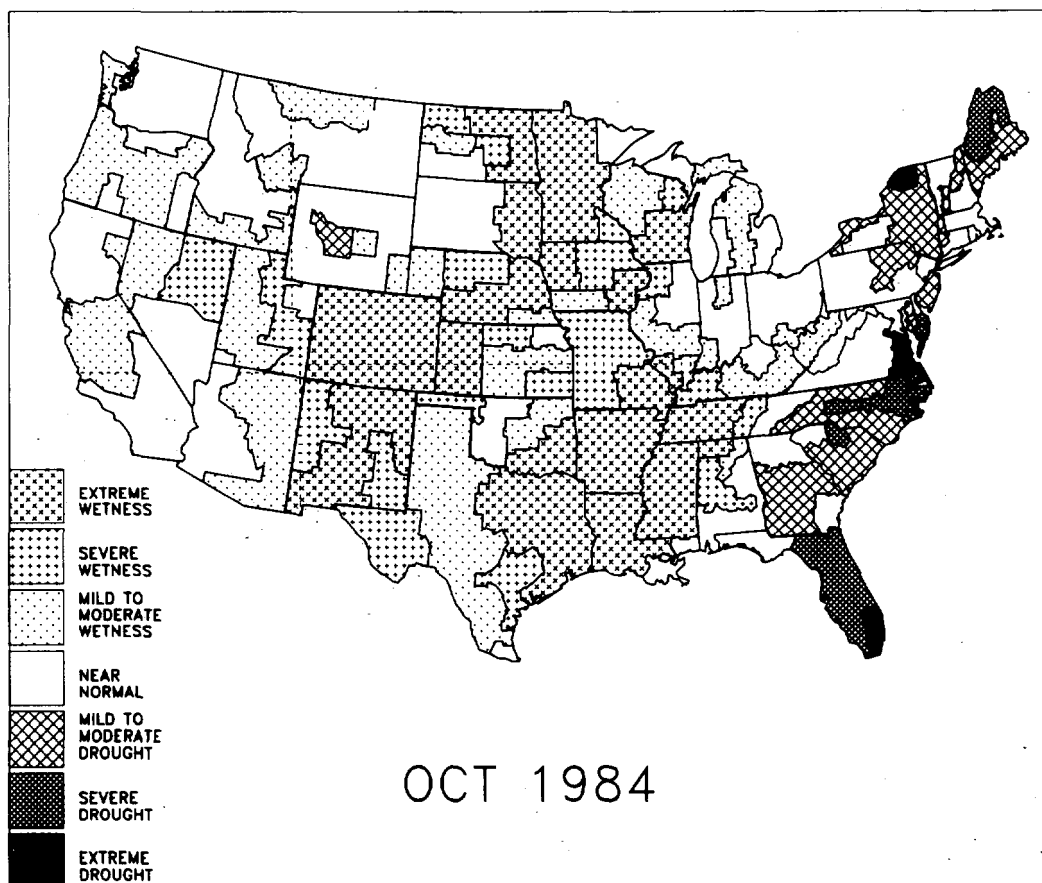
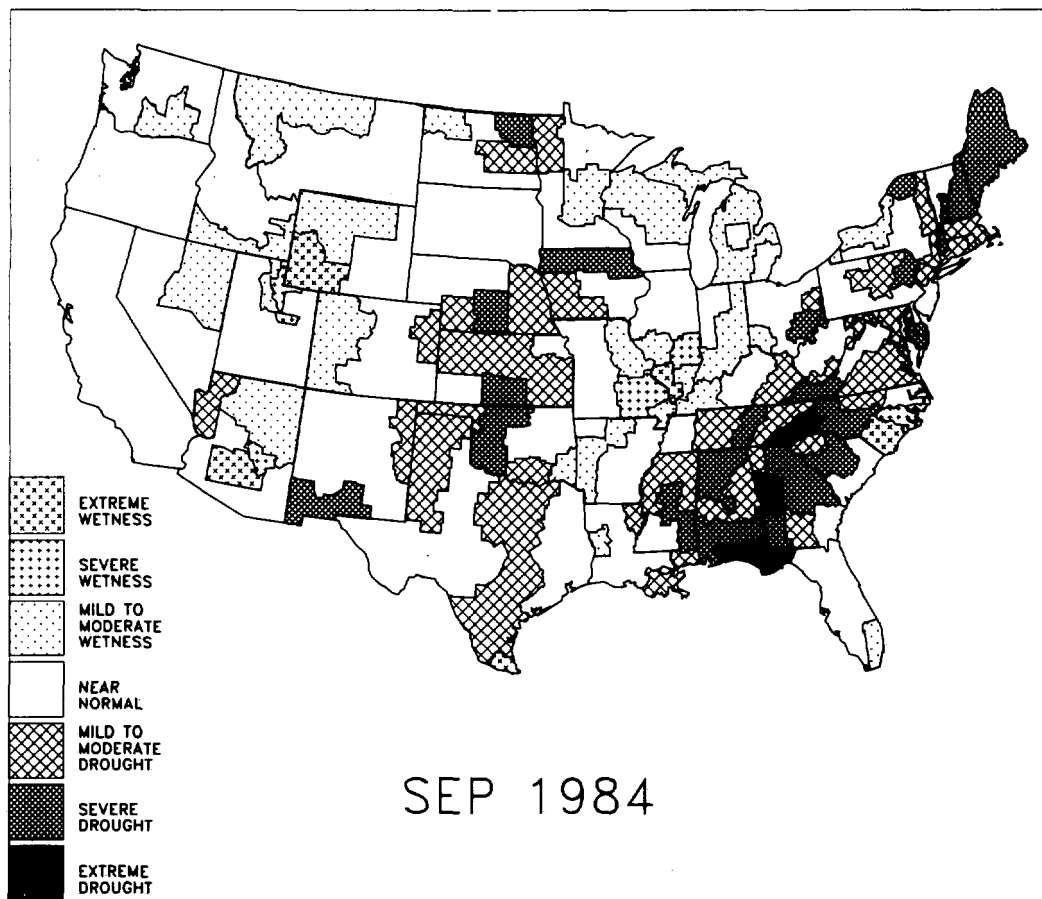
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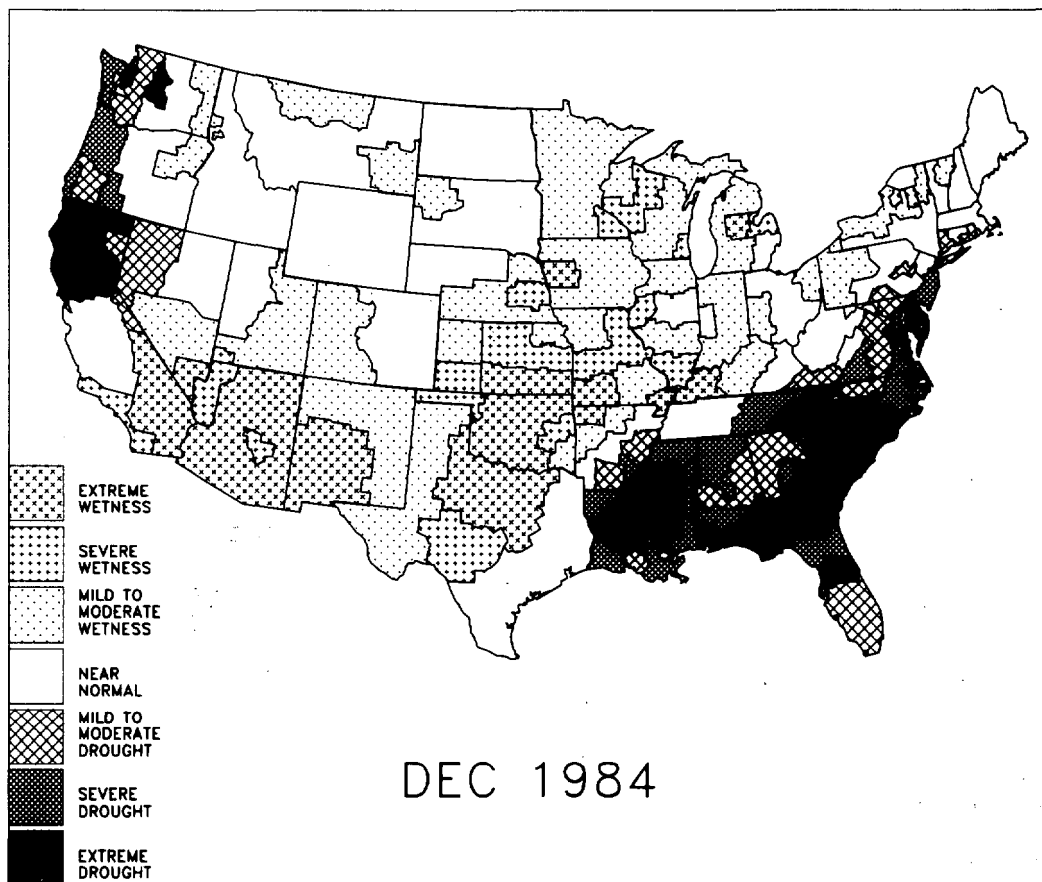
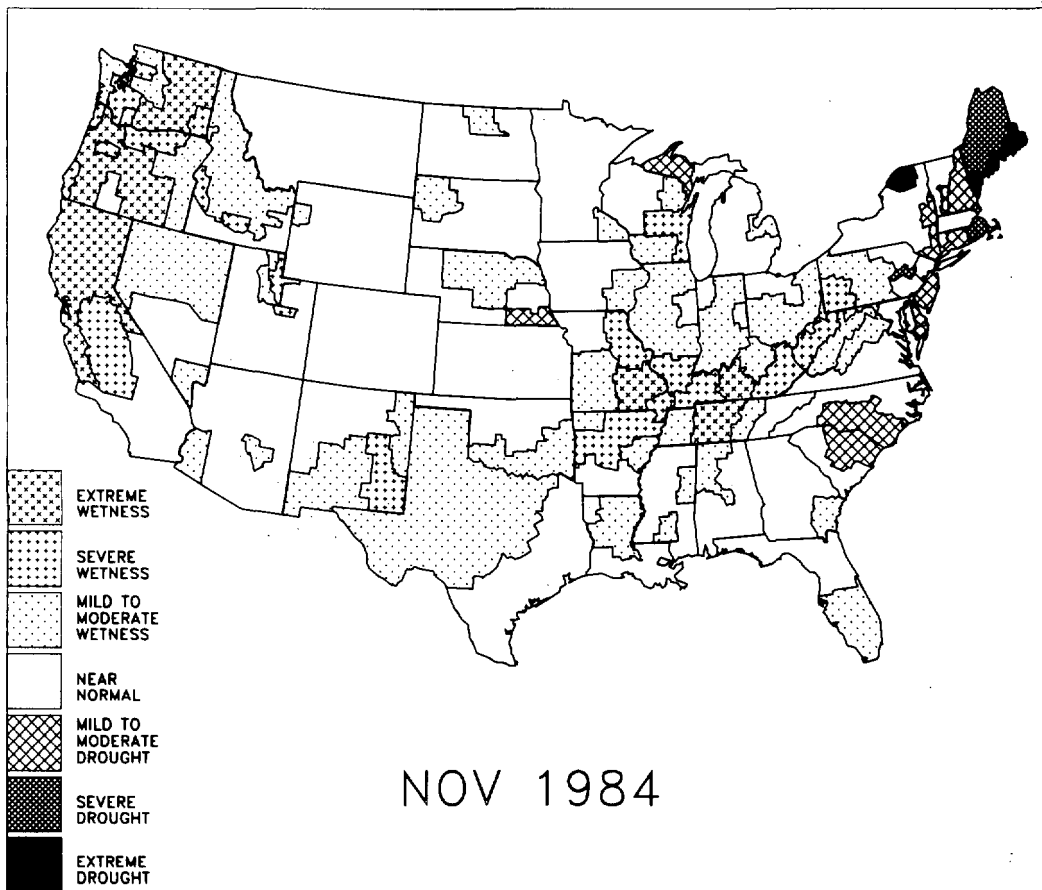












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