

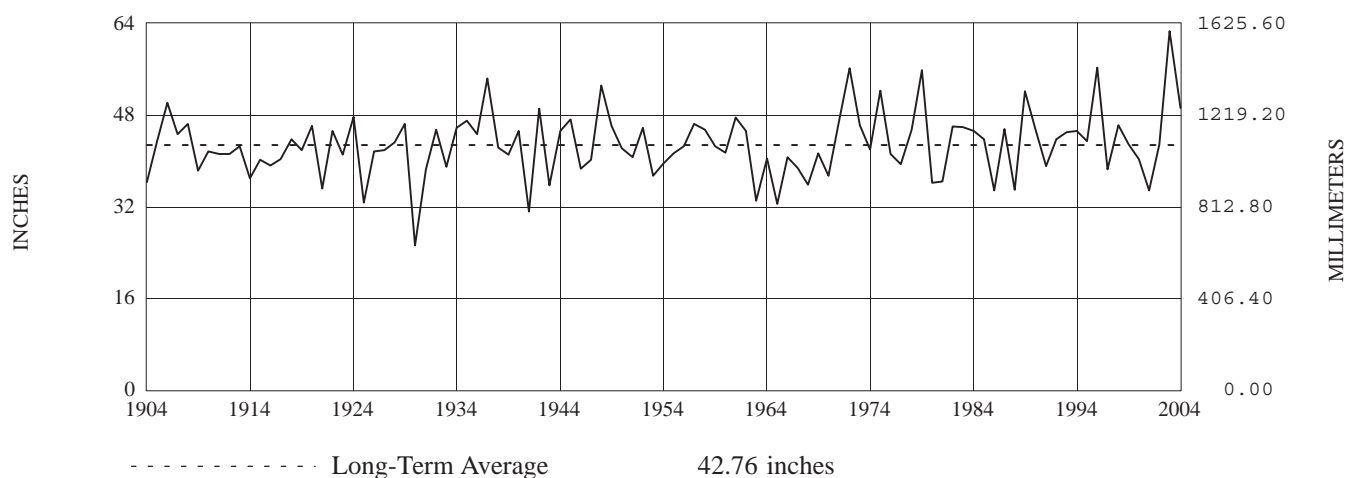
CLIMATOLOGICAL DATA ANNUAL SUMMARY

VIRGINIA

2004

VOLUME 114 NUMBER 13

ISSN 0364-5630



VIRGINIA PRECIPITATION, 1904-2004

"I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites supervised by NOAA/National Weather Service and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801."

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa

National
Oceanic and
Atmospheric Administration

National
Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

VIRGINIA
2004

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
TIDEWATER 01												
BACK BAY WILDLIFE RFG	2.20	-2.05	2.13	-1.29	2.42	-1.58	2.47	-.34	3.59	-.36	9.44	5.93
EASTVILLE	1.95		2.09		1.68		5.14		1.56		M 4.84	
EMPORIA 1 WNW	1.76	-2.20	2.24	-.90	1.63	-2.53	4.36	1.02	3.15	-.73	6.83	3.53
FREDERICKSBURG SEWAGE	M 1.84		2.07		1.40		4.12		5.96		3.09	
HAMPTON UNIVERSITY	M 1.90		2.38		2.29		2.86		3.17		5.35	
HOLLAND 1 E	M 1.62		M 2.17		3.41	-.98	3.66	.26	4.77	.70	5.10	1.49
HOPEWELL	M 1.62		2.65	-.49	2.00	-2.28	5.76	2.33	3.63	-.42	10.06	7.26
LANGLEY AIR FORCE BASE	M 1.59		M 1.82		M 2.09		M 2.82		M 4.67		M 4.86	
NORFOLK INTL AP	2.17	-2.34	1.89	-1.52	2.33	-1.99	3.18	-.56	5.04	.93	6.76	1.09
NORFOLK SOUTH	2.07		1.82		1.97		6.40		3.20		5.82	
NORTH	2.44	-1.55	2.56	-.73	1.81	-2.63	4.96	1.85	2.72	-.79	6.19	3.13
PAINTER 2 W	1.43	-2.83	M 2.10		1.61	-3.09	M 2.58		3.59	-.74	6.77	2.73
STONY CREEK 2 N	2.20	-1.87	2.10	-1.47	1.09	-3.32	2.58	-.74	3.83	-.03	7.38	3.36
SUFFOLK LAKE KILBY	1.46	-2.68	2.02	-.85	2.10	-2.22	4.32	.93	3.33	-.90	8.64	5.02
WAKEFIELD 1NW	1.76	-1.97	1.88	-1.26	2.38	-1.85	4.68	1.65	M 1.67		3.75	.17
WALKERTON 2 NW	2.38	-2.46	2.02	-2.10	2.21	-2.43	3.60	-.11	2.81	-1.66	5.23	1.54
WALLACETON LK DRUMMOND	1.76	-1.73	1.93	-.89	1.99	-2.00	5.81	2.90	4.49	-.02	4.79	1.39
WARSAW 2 NW	2.27	-1.74	2.44	-.72	1.96	-2.48	5.95	2.75	2.83	-1.22	5.59	1.94
WEST POINT 2 NW	1.90	-2.29	1.66	-1.79	1.86	-2.78	6.53	3.29	2.51	-2.00	7.61	4.23
WILLIAMSBURG 2 N	1.92	-1.70	2.11	-1.25	2.00	-1.89	4.45	1.46	3.65	-.24	6.29	2.56
--DIVISIONAL DATA----->												
EASTERN PIEDMONT 02												
ALBERTA 5N												
AMELIA 8 NE	M 1.92		1.89		1.96		3.63		4.37		4.72	
ASHLAND	2.04	-1.70	1.78	-1.45	3.00	-1.24	4.04	.78	5.94	1.79	4.83	1.54
BREMO BLUFF	M 1.66		M 1.63		2.06	-1.86	2.95	-.18	M 4.76		4.64	1.28
BUCKINGHAM	1.86	-1.80	1.74	-1.46	1.74	-2.14	2.80	-.46	4.18	-.27	5.48	2.06
CAMP PICKETT	1.88	-2.43	2.19	-1.03	1.74	-2.52	3.38	-.28	1.19	-2.92	9.12	5.30
CHASE CITY	M 1.06		M 1.50		2.42	-1.72	4.20	.50	2.55	-1.51	4.88	1.20
CLARKSVILLE	M 2.13		2.80	-.24	M 3.69		3.69	.38	3.27	-.76	M 5.80	
CORBIN	1.29	-2.43	1.81	-1.36	M 2.09		M 3.32		M 4.71		M 2.97	
CROZIER	1.70	-2.11	1.46	-1.49	2.09	-1.70	3.32	-.09	7.09	2.81	6.75	3.04
FARMVILLE 2 N	1.90	-2.13	1.82	-1.50	1.84	-2.42	2.83	-.52	2.09	-2.17	5.85	2.62
GREENBAY 3 NE									6.46		7.49	
JOHN H KERR DAM	1.26	-2.61	1.30	-1.70	1.50	-2.76	3.58	.32	2.94	-1.04	6.88	3.34
KEYSVILLE 2 S	M 1.16		M 2.13		1.32	-1.96	2.92	.03	4.08	.74	5.27	2.95
LAWRENCEVILLE 3 E	1.51	-2.38	M 1.50		1.91	-2.50	3.46	.18	M 4.18		4.91	1.43
LOUISA	1.86	-1.62	2.12	-.88	1.99	-1.86	3.33	.26	7.10	3.18	3.30	-.45
MONTPELIER							4.12		M 2.20		M 2.29	
PALMYRA 3S	M 1.62		1.96	-.96	M 3.00		3.00	-.04	6.12	2.23	3.48	-.15
PETERSBURG	M 1.05		M 2.33		2.16		M 3.15		4.28		7.17	
POWHATAN	M 2.24		1.84	-1.33	1.70	-2.28	4.11	.79	4.82	1.00	4.41	1.36
RICHMOND INTL AP	1.55	-2.00	1.87	-1.11	2.22	-1.87	3.42	.24	3.06	-.90	9.93	6.39
SANDSTON	1.75		2.22		2.13		3.35		3.18		8.27	
WINTERPOCK 4 W	2.29	-1.94	1.79	-1.50	2.07	-2.22	3.11	-.12	3.82	-.03	7.73	4.69
--DIVISIONAL DATA----->	1.67	-1.69	1.86	-1.40	2.08	-1.66	3.47	.39	4.34	.36	6.15	2.52
WESTERN PIEDMONT 03												
ALTAVISTA	M 1.72		1.52	-1.72	1.82	-2.26	3.45	-.19	3.17	-1.10	4.82	1.20
APPOMATTOX	1.20	-2.38	M .62		M 1.90		3.47	-.11	M 2.00		4.41	.86
BEDFORD	M 2.22		M .00		2.06	-1.75	4.64	.86	3.38	-1.19	M 4.36	
BEDFORD 4 NW	1.88		2.22		2.07		4.47		2.83		3.76	
BROOKNEAL	1.93	-2.23	2.34	-.95	1.96	-2.17	3.73	.21	4.52	.44	5.23	1.98
CHARLOTTE COURT HOUSE	M 2.28		2.21	-1.03	M 1.55		3.03	-.56	M 2.64		M 5.19	
CHARLOTTESVILLE 2 W	1.67	-2.04	2.51	-.79	1.74	-2.31	3.82	.48	4.56	-.30	4.35	-.11
CHATHAM	M 1.87		M 2.59		1.59	-2.81	3.74	.01	3.28	-.79	4.66	.90
CONCORD 4 SSW	2.04	-1.88	2.10	-1.28	1.69	-2.41	3.18	-.26	M 4.86		2.52	-1.10
DANVILLE	1.52	-2.51	3.55	.14	3.29	-.96	2.94	-.89	3.00	-.96	4.64	1.14
DANVILLE REGIONAL AP												
FREE UNION	M 2.39		3.59	.68	1.54	-2.20	4.88	1.49	5.02	.44	4.55	.22
HOLCOMB ROCK	M 1.41		M .00		1.96	-2.07	M 1.96		M 5.02		M 4.55	
HOLLIDAY LAKE	M .75		M .00		1.75		2.74		M 2.25		3.65	

VIRGINIA
2004

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
TIDEWATER 01														
BACK BAY WILDLIFE RFG	M 8.07		13.45	8.06	5.00	.51	M 4.53		2.82	-.20	M			
EASTVILLE	6.83		9.51		3.03		4.07		4.36		M 4.47		M 49.53	
EMPORIA 1 WNW	10.00	5.46	10.92	6.58	6.27	2.06	2.92	-.54	3.91	.93	3.38	.33	57.37	13.01
FREDERICKSBURG SEWAGE	5.32		4.84		6.65		1.44		5.38		1.53			
HAMPTON UNIVERSITY	M 10.81		11.14		2.60		3.79		3.78		3.03		M 53.04	
HOLLAND 1 E	12.53	7.28	11.00	5.71	5.15	.31	4.52	.60	3.43	.31	M 1.99		M 59.63	
HOPWELL	9.56	5.06	18.42	14.19	4.34	-.39	2.14	-1.43	3.55	.26	2.36	-.79	M 66.09	
LANGLEY AIR FORCE BASE	M		M		M		M		M		M			
NORFOLK INTL AP	10.89	5.72	11.11	6.32	3.30	-.76	1.88	-1.59	2.65	-.33	2.41	-.62	50.09	4.35
NORFOLK SOUTH	8.90		15.74		4.79		2.06		3.26		2.51		58.63	
NORTH	8.40		7.90		8.30		3.03		4.78		3.34		57.03	
PAINTER 2 W	M 10.30		9.66	5.73	1.77	-1.92	3.83	.31	3.80	.70	4.31	.97	M 54.35	
STONY CREEK 2 N	10.45	5.91	8.93	4.50	M 5.20		M 3.38		2.87	-.25	M			
SUFFOLK LAKE KILBY	7.02	2.03	10.37	4.88	3.19	-1.77	2.59	-1.05	3.55	.44	2.33	-.94	48.23	-.48
WAKEFIELD 1NW	7.77	3.26	10.91	6.56	4.79	.05	3.83	.55	3.51	.75	4.01	1.17	56.69	11.64
WALKERTON 2 NW	6.84	2.32	15.87	12.34	4.29	.33	1.49	-1.87	2.59	-.59	2.64	-.62	M 49.84	
WALLACETON LK DRUMMOND	M 7.98		9.11	3.94	5.13	.89	3.05	-1.15	3.94	.44	M 2.55		M 50.01	
WARSAW 2 NW	10.62	5.97	12.24	8.12	5.04	.69	1.23	-2.28	4.07	1.00	2.31	-.72	56.28	12.43
WEST POINT 2 NW	8.84	4.36	12.07	7.88	4.12	-.51	2.86	-.71	3.25	.08	2.67	-.54	54.85	9.09
WILLIAMSBURG 2 N	11.99	6.65	9.69	4.70	4.13	-.83	4.14	.53	3.64	.25	3.54	.20	59.20	10.16
--DIVISIONAL DATA----->	9.06	4.63	11.20	6.82	4.55	.74	2.87	-.28	3.64	.54	2.88	-.42	54.62	10.97
EASTERN PIEDMONT 02														
ALBERTA 5N									3.78		2.43			
AMELIA 8 NE	7.41		13.59		6.79		1.92		4.54		2.45		M 55.19	
ASHLAND	6.53	2.27	7.77	3.93	6.83	2.87	.87	-2.55	3.67	.37	4.52	1.17	51.82	7.78
BREMO BLUFF	9.43	5.36	4.66	.91	4.83	1.38	1.36	-2.63	5.82	2.51	M 2.19		M	
BUCKINGHAM	5.05	.82	4.24	.25	5.28	1.08	1.70	-2.23	5.71	2.04	2.00	-1.13	41.78	-3.24
CAMP PICKETT	6.45	2.06	12.55	8.36	5.78	1.62	3.28	-.69	4.47	1.23	2.52	-.66	54.55	8.04
CHASE CITY	6.70	2.61	7.84	4.13	4.32	.11	3.05	-.83	4.82	1.44	2.31	-.94	M 45.65	
CLARKSVILLE	3.35	-.83	M 10.50		2.10	-1.86	M 2.70		M		M			
CORBIN	6.10	1.76	6.29	2.59	7.11	3.14	M .56		5.35	2.02	2.38	-.95		
CROZIER	7.21	3.48	4.51	.43	4.50	.70	M .96		5.24	1.85	1.56	-1.66	M 46.39	
FARMVILLE 2 N	4.41	.22	5.89	2.03	5.26	1.32	2.84	-.98	4.74	1.33	2.15	-1.05	41.62	-3.25
GREENBAY 3 NE	M		8.28		M		2.01		5.45		2.82			
JOHN H KERR DAM	M 3.79		9.74	5.73	3.11	-.65	3.25	-.42	3.53	.43	3.67	.67	M 44.55	
KEYSVILLE 2 S	6.15	2.47	7.60	5.12	6.98	3.55	1.56	-1.26	5.79	3.18	2.15	-.46	M 47.11	
LAWRENCEVILLE 3 E	M 7.79		11.41	7.18	6.34	1.71	3.48	-.20	3.56	.09	M 2.91		M	
LOUISA	7.95	3.50	6.14	2.51	6.95	2.90	1.17	-2.71	5.19	1.37	2.54	-.58	49.64	5.62
MONTPELIER	7.64		7.22		10.47		M 1.26		5.07		M 2.19			
PALMYRA 3S	8.44	4.16	4.84	.86	5.64	1.81	M 1.28		5.42	2.23	2.13	-.71		
PETERSBURG	6.69		M 9.57		8.65		2.11		3.39		M 1.94		M	
POWHATAN	6.37	2.12	9.59	5.86	6.54	3.18	M .97		4.95	1.49	2.23	-1.07	M 49.77	
RICHMOND INTL AP	6.42	1.75	16.30	12.12	6.14	2.16	1.95	-1.65	3.27	.21	2.37	-.75	58.50	14.59
SANDSTON	5.37		M 16.19		7.10		1.83		3.78		2.05		M 57.22	
WINTERPOCK 4 W	8.55	4.09	18.94	15.39	M 6.37		1.99	-1.80	4.03	.70	1.96	-1.25	M 62.65	
--DIVISIONAL DATA----->	6.91	2.71	8.47	4.30	6.24	2.83	2.24	-1.53	4.55	1.13	2.57	-.68	50.55	7.28
WESTERN PIEDMONT 03														
ALTAVISTA	4.85	.92	5.87	2.24	6.34	2.68	2.40	-1.27	5.40	2.14	2.53	-.67	M 43.89	
APPOMATTOX	M 3.29		M 3.64		7.25	2.80	5.12	1.26	4.63	1.02	2.15	-.92	M	
BEDFORD	4.02	-.52	3.38	-.13	8.30	4.35	2.36	-1.11	2.78	-.38	M 4.26		M	
BEDFORD 4 NW	4.47		5.38		8.56		2.17		4.47		3.68		45.96	
BROOKNEAL	5.39	1.05	5.49	1.66	3.96	.34	1.86	-1.86	5.51	2.37	2.22	-.94	44.14	-.10
CHARLOTTE COURT HOUSE	M 9.50		M 5.45		4.98	.70	M 2.13		5.50	2.12	M 3.10		M	
CHARLOTTESVILLE 2 W	6.34	1.40	2.19	-1.95	8.70	3.85	1.16	-3.06	4.82	1.08	2.70	-.56	44.56	-4.31
CHATHAM	7.05	3.00	5.29	1.95	6.12	1.60	.90	-2.77	5.88	2.62	3.19	-.10	M 46.16	
CONCORD 4 SSW	3.83	-.35	5.73	2.51	5.44	1.21	4.42	.67	M		M			
DANVILLE	3.46	-.98	7.12	3.58	7.31	3.23	1.46	-2.25	4.51	1.44	2.49	-.67	45.29	.31
DANVILLE REGIONAL AP	M		5.95		6.67		1.89		4.84		2.25			
FREE UNION	8.30	3.22	M 2.37		12.01	7.64	M 1.29		5.16	1.21	3.15	.00	M 54.25	
HOLCOMB ROCK														
HOLLIDAY LAKE	3.27		M 3.55		5.68		M 3.12		4.64		2.58		M	

VIRGINIA
2004

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
HUDDLESTON 4 SW	2.41	-1.29	2.39	-.78	1.76	-2.24	3.73	.17	3.62	-.36	5.55	2.17
LYNCHBURG NO 2	1.79		1.98		1.53		3.30		2.23		3.69	
LYNCHBURG INTL AP R	1.74	-1.80	2.03	-1.07	1.83	-2.00	2.93	-.53	2.20	-1.91	5.26	1.47
MARTINSVILLE FLTR PLT	1.34	-2.46	1.99	-1.39	1.66	-2.80	3.86	.13	5.04	.72	7.19	3.24
MEADOWS OF DAN 5 SW M	.82		2.55		1.84	-3.29	3.69	-1.10	2.27	-2.98	7.02	2.04
MONTICELLO	1.51	-1.06	1.85	-.55	1.62	-2.12	3.08	.19	4.85	.79	5.24	1.66
PEDLAR DAM	1.59	-1.98	2.49	-.60	1.56	-2.37	3.71	.07	3.65	-.99	3.64	-.16
PHILPOTT DAM 2	1.26	-2.65	2.48	-1.02	1.78	-2.77	4.98	1.16	2.48	-2.51	M 4.67	
ROCKY MOUNT M	1.72		2.86	-.34	1.75	-2.46	5.73	1.60	2.46	-1.86	M 5.56	
SOUTH BOSTON M	1.82		2.62	-.72	1.26	-2.88	3.23	-.69	3.79	.45	5.81	1.80
STUART	1.48	-2.55	2.64	-.84	1.84	-2.75	4.21	-.31	2.86	-2.16	9.91	5.44
TYE RIVER 1 SE	2.01	-1.74	1.99	-1.27	1.79	-2.26	2.83	-.63	4.19	-.62	4.31	.75
WOOLWINE 4 S	1.31	-3.28	2.75	-1.07	1.76	-3.33	4.96	.37	M 2.06		M 5.17	
--DIVISIONAL DATA----->	1.59	-1.63	2.39	-.91	1.84	-2.02	3.72	.29	3.49	-.76	5.39	1.73
NORTHERN 04												
BOSTON 4 SE M	1.08		2.48		2.29		4.56		6.50		M 4.02	
EDINBURG	.54		2.69		1.66		3.48		3.12		3.78	
FRONT ROYAL M	.85		2.33		2.37		4.89		4.07		M 4.16	
LINCOLN M	1.36		2.58	.11	2.31	-1.33	4.95	1.47	M 5.14		5.04	.83
LURAY 5 E M	.79		2.73	.09	1.64	-1.74	5.04	1.89	3.83	-.09	M 2.97	
MADISON M	.34				1.59		4.19		4.73		5.12	
MANASSAS							M 3.20		3.20		6.28	
MOUNT WEATHER M	1.52		.73		1.21	-2.33	M 6.82		7.49	2.95	6.85	2.72
PIEDMONT RESEARCH STN	1.35	-1.97	2.08	-.74	1.57	-2.15	3.73	.51	4.77	.44	5.16	1.10
SOMERSET	1.18		2.25		1.46		4.02		3.78		5.81	
SPERRYVILLE	1.36		2.54		2.20		4.62		4.34		3.67	
STAR TANNERY	.98		2.39		2.28		6.11		3.70		3.36	
STERLING RCS	2.00	-1.25	2.23	-.48	2.09	-1.58	4.98	1.70	3.77	-.65	4.80	1.21
THE PLAINS 2 NNE	1.59	-1.85	2.21	-.52	2.00	-1.68	5.63	2.23	3.78	-.61	7.05	3.08
VIENNA	2.13	-1.28	2.40	-.45	2.23	-1.74	5.13	1.76	2.41	-2.19	5.28	1.50
WARRENTON 3 SE M	1.58		2.55	-.25	2.11	-1.48	5.05	1.71	M 1.71		3.76	-.26
WASHINGTON DULLES INTL R	1.41	-1.64	1.93	-.84	2.05	-1.50	5.04	1.82	3.06	-1.16	3.73	-.34
WASHINGTON REAGAN NTL R	1.35	-1.86	2.28	-.35	2.09	-1.51	3.84	1.07	2.98		4.60	1.47
WINCHESTER	1.32	-1.42	2.72	.57	1.84	-1.61	5.32	2.44	4.86	1.21	3.37	-.28
WINCHESTER 7 SE	1.59	-1.07	2.43	.03	1.79	-1.54	5.02	2.01	3.12	-.81	3.85	-.25
WOODSTOCK 2 NE M	.76		2.82	.40	1.82	-1.27	3.14	.47	5.42	1.60	4.00	.35
--DIVISIONAL DATA----->	1.38	-1.32	2.41	-.28	1.94	-1.27	4.59	1.45	4.27	.19	4.62	.92
CENTRAL MOUNTAIN 05												
BROWNSBURG 2 W			2.72		1.53		3.99		6.50		4.52	
BUCHANAN M	1.73		2.61		1.82	-1.95	4.18	.83	2.98	-1.13	3.83	.35
BUENA VISTA	1.53	-1.26	2.37	-.29	1.56	-1.93	4.51	1.31	4.25	.36	5.71	2.34
COVINGTON FILTER PLANT M	1.36		2.26	-.16	2.09	-1.25	4.21	1.18	6.81	2.71	3.72	.46
CRAIGSVILLE 2 S	1.41	-2.01	2.98	.26	2.03	-1.55	3.84	.39	5.04	.50	4.23	.12
DALE ENTERPRISE	.67	-1.88	2.80	.66	2.24	-.62	3.65	1.01	6.11	2.44	2.31	-1.25
EARLEHURST M	1.78		2.37		M 3.22		M 4.67		6.98	2.83	2.96	-.27
FINCASTLE 7 NE	2.07		2.97		1.95		4.55		2.35		4.53	
GATHRIGHT DAM	1.61	-1.51	2.70	.03	2.07	-1.38	4.34	1.26	5.69	1.64	3.87	.45
GLASGOW 1 SE	2.19	-2.11	2.60	-.95	2.05	-2.50	5.37	1.27	4.49	-.47	3.61	-.80
GOSHEN M	1.78		1.55		2.35	-1.72	4.35	.94	M 10.88		M 4.51	
HOT SPRINGS	1.58	-2.04	3.07	.13	2.46	-1.61	4.42	1.07	5.63	1.31	3.49	-.04
KERRS CREEK 6 WNW	.93	-2.72	1.29	-1.71	1.32	-2.65	4.07	.32	6.83	2.26	5.92	1.88
LEXINGTON M			2.80	.03	1.48	-2.05	4.38	1.21	4.67	.71	7.30	3.22
MILLGAP 2 NNW	1.87	-1.61	3.50	.62	3.08	-.95	5.55	1.95	6.69	2.04	2.43	-1.64
MOUNTAIN GROVE	2.55		.75		M 1.59		3.85		5.56		3.26	
MUSTOE 1 SW	2.09		3.62		3.41		5.45		9.01		2.90	
ROANOKE 8 N M			2.41		1.80		4.20		3.62		7.83	
ROANOKE INTL AP R	1.63	-1.60	2.27	-.81	2.09	-1.75	3.45	-.16	3.87	-.37	6.47	2.79
STAUNTON SEWAGE PLANT	1.07	-1.84	2.48		1.75	-1.48	3.31	.39	3.79	-.02	2.50	-1.07
WAYNESBORO SEWAGE	1.05		2.20		1.95		4.43		M 4.12		3.92	
--DIVISIONAL DATA----->	1.46	-1.10	2.82	.13	2.14	-1.09	4.31	1.25	5.26	1.39	4.33	1.06
SOUTHWESTERN MOUNTAIN 06												

VIRGINIA
2004

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
HUDDLESTON 4 SW	5.55	1.82	5.22	1.99	6.65	2.42	3.40	-.11	4.91	1.57	2.43	-.63	47.62	4.73
LYNCHBURG NO 2	3.80		3.43		6.96		2.38		4.68		2.45		38.22	
LYNCHBURG INTL AP	2.63	-1.76	3.01	-.40	6.64	2.76	1.98	-1.41	5.14	1.96	2.41	-.82	37.80	-5.51
MARTINSVILLE FLTR PLT	4.99	.57	5.47	1.97	7.89	3.62	1.89	-1.58	5.16	2.11	2.42	-.84	48.90	3.29
MEADOWS OF DAN 5 SW	4.74	-.16	5.20	.58	16.78	11.64	2.80	-1.58	4.53	.16	3.70	-.23	M 55.94	
MONTICELLO	7.96	2.77	2.18	-1.70	7.95	3.61	1.51	-2.38	4.16	.86	M 2.45		M 44.36	
PEDLAR DAM	4.55	.39	2.81	-.47	8.12	3.97	2.01	-1.45	4.59	1.02	M 2.92		M 41.64	
PHILPOTT DAM 2	M 1.56		4.70	.05	12.54	7.85	1.67	-2.32	5.03	1.67	M 2.60	-.72	M 45.75	
ROCKY MOUNT	M 5.52		7.32	3.53	11.66	7.33	2.81	-.70	5.16	1.90	M 3.15	-.01	M 55.70	
SOUTH BOSTON	4.65	.30	7.40	3.98	3.75	-.09	M 2.16		5.19	2.08	M 2.84	-.30	M 44.52	
STUART	6.38	1.22	6.17	1.78	10.98	6.24	3.00	-.79	4.08	.50	M 2.90	-.68	56.45	
TYE RIVER 1 SE	3.37	-.93	4.11	.54	6.18	1.83	2.03	-1.92	5.32	1.83	M 2.88	-.51	41.01	-4.93
WOOLWINE 4 S	3.07	-1.08	4.87	.83	14.19	8.96	2.04	-2.20	5.23	1.10	M 3.40	-.50	M 50.81	
--DIVISIONAL DATA----->	5.00	.44	4.88	.77	7.52	3.78	2.13	-1.89	4.85	1.50	M 2.62	-.64	45.42	.66
NORTHERN 04														
BOSTON 4 SE	M 5.69		M 2.56		5.31		1.10		4.55		M 1.54		M	
EDINBURG	2.02		2.33		6.74		1.99		3.32		M 2.13		M 33.80	
FRONT ROYAL	3.62		1.80		13.24		M 1.40		4.11		M 2.24		M	
LINCOLN	M 3.54		2.26	-1.56	9.68	5.52	1.35	-2.03	3.92	.40	M 3.09	-.02	M 45.22	
LURAY 5 E	3.20	-.57	2.11	-1.40	12.89	8.54	1.23	-2.26	3.79	.30	M 2.58		M 42.80	
MADISON	M 4.59		1.90		9.41		1.09		4.14		M 4.86			
MANASSAS	M		2.64		8.26		M .90		M 4.91		M 2.34			
MOUNT WEATHER	M 4.04		M 1.71		11.44	7.14	M 1.58		M 2.91		M 2.28		M	
PIEDMONT RESEARCH STN	9.07	4.25	1.78	-1.99	6.92	3.06	.73	-3.20	4.56	.85	M 2.63	-.45	M 44.35	-.29
SOMERSET	5.88		M .81		6.36		.69		4.55		M 2.42		M 39.21	
SPERRYVILLE	3.68		3.32		13.69		1.76		5.82		M 3.20		M 50.20	
STAR TANNERY	2.65		1.78		7.98		2.19		3.22		M 2.65		M 39.29	
STERLING RCS	5.08	1.65	4.05	.41	6.33	2.34	1.59	-2.11	5.00	1.55	M 3.59	.54	45.51	3.33
THE PLAINS 2 NNE	7.09	3.60	1.64	-3.07	11.56	7.59	1.29	-2.18	4.37	.76	M 2.86	-.14	51.07	7.21
VIENNA	5.59	1.26	3.14	-.92	5.89	1.40	1.07	-2.51	4.50	1.01	M 2.99	-.20	42.76	-2.36
WARRENTON 3 SE	2.95	-1.11	M 1.90		9.39	5.33	1.12	-2.31	M 3.80		M			
WASHINGTON DULLES INTL	3.72	.15	3.79	.01	5.80	1.98	1.04	-2.33	4.11	.80	M 3.01	-.06	38.69	-3.11
WASHINGTON REAGAN NTL	6.98	3.32	5.09	1.65	3.99	.20	1.74	-1.48	4.50	1.47	M 3.05	.00	42.49	3.14
WINCHESTER	5.11	2.06	2.93	.11	10.72	7.37	1.67	-1.29	3.16	-.03	M 3.13	.62	46.15	9.75
WINCHESTER 7 SE	3.92	.26	2.89	-.71	9.79	6.20	M 1.45		3.28	.22	M 2.66	.06	M 41.79	
WOODSTOCK 2 NE	3.53	-.10	2.88	-.38	12.11	8.45	1.42	-1.70	2.30	-.55	M 2.06	-.39	M 42.26	
--DIVISIONAL DATA----->	4.56	.70	2.84	-1.00	8.58	5.06	1.37	-2.20	4.07	.59	M 2.84	-.12	43.47	2.72
CENTRAL MOUNTAIN 05														
BROWNSBURG 2 W	4.56		M 1.55		6.75		1.30		3.99		M 3.02			
BUCHANAN	4.03	-.53	2.55	-.91	8.33	4.56	1.80	-1.49	M		M 2.12	-.72		
BUENA VISTA	7.89	4.03	M 1.28		10.02	6.60	2.58	-.60	3.97	.80	M 2.22	-.62	M 47.89	
COVINGTON FILTER PLANT	2.77	-.89	2.68	-.66	9.14	6.12	1.87	-.98	4.08	.95	M 3.08	.56	M 44.07	
CRAIGSVILLE 2 S	4.52	-.15	3.80	.44	8.38	4.58	1.58	-1.90	4.41	1.06	M 3.56	.44	45.78	2.18
DALE ENTERPRISE	3.65	-.13	2.97	-.45	8.21	4.71	1.54	-1.28	3.73	.97	M 2.44	.02	40.32	4.20
EARLEHURST	5.35	1.54	2.47	-.97	12.99	9.71	2.45	-.54	3.97	.85	M 3.14	.49	M	
FINCASTLE 7 NE	1.73		3.39		9.92		1.66		4.07		M 2.43		41.62	
GATHRIGHT DAM	3.00	-.63	3.48	.31	7.52	4.33	2.16	-.86	3.71	.69	M 2.80	-.08	42.95	4.25
GLASGOW 1 SE	4.55	.54	2.51	-.97	13.75	9.17	2.29	-1.59	4.46	.21	M 3.75	.16	51.62	1.96
GOSHEN	3.68	-.53	3.36	-.06	12.18	8.45	1.28	-2.26	4.60	.88	M 3.25		M	
HOT SPRINGS	2.25	-2.04	2.77	-.64	11.41	7.71	2.12	-1.21	4.27	.67	M 3.69	.94	47.16	4.25
KERRS CREEK 6 WNW	M 5.12		3.42	-.21	13.55	9.80	1.88	-1.76	4.29	.50	M 3.30	.16	M 51.92	
LEXINGTON	6.23	2.35	1.73	-1.32	9.15	5.67	1.40	-1.68	4.13	1.10	M 2.00	-.91		
MILLGAP 2 NNW	3.26	-1.06	3.03	-.76	9.33	6.02	1.80	-1.33	4.56	1.16	M 3.52	.31	48.62	4.75
MOUNTAIN GROVE	2.71		3.86		5.00		M 2.21		3.87		M 3.05		M	
MUSTOE 1 SW	3.40		2.50		10.04		1.88		4.56		M 3.11		51.97	
ROANOKE 8 N	4.33		3.90		11.13		2.47		4.12		M 2.95			
ROANOKE INTL AP	4.31	.31	2.97	-.77	11.72	7.87	2.38	-.77	4.26	1.05	M 2.13	-.73	47.55	5.06
STAUNTON SEWAGE PLANT	6.49	2.67	1.97	-1.53	9.98	6.20	2.80	-.57	M 3.63		M 2.60	.11	M 42.37	
WAYNESBORO SEWAGE	8.30		3.42		M 13.75		M 1.68		5.16		M 2.85		M	
--DIVISIONAL DATA----->	4.61	.69	2.83	-.90	9.67	6.29	2.07	-1.63	4.23	1.06	M 2.72	-.08	46.45	7.07
SOUTHWESTERN MOUNTAIN 06														

VIRGINIA
2004

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
ABINGDON 3 S	3.39	-.72	2.34	-1.52	3.83	-.64	5.70	1.97	5.88	.95	5.66	1.55
BIG STONE GAP	4.38	-.23	2.71	-1.63	4.90	-.05	4.07	-.58	7.51	1.68	5.44	1.58
BLACKSBURG NWSO	2.83	-.54	3.02	.00	2.44	-1.39	3.77	-.06	5.58	1.19	3.68	-.25
BLAND	2.34	-1.22	3.12	.02	2.80	-.95	4.67	1.32	5.62	1.33	7.92	4.01
BREAKS INTERSTATE PARK	5.56		2.39		4.20		4.87		7.64		6.58	
BURKES GARDEN	3.97		1.90		3.38	-.78	5.04	1.46	5.51	.62	5.80	1.54
BYLLESBY DAM	1.17	-2.30			3.04	-.97	3.68	.08	2.17		5.62	
CHRISTIANSBURG	2.66		2.96		2.40		3.88		3.63		4.95	
CLINTWOOD 1 W	4.89		2.45		4.12		3.93		6.86		7.95	
COPPER HILL	2.09	-1.34	3.11	.13	2.10	-1.90	4.49	.17	4.43	-.14	6.80	2.31
FLOYD 2 NE	1.26	-1.87	1.01		1.88	-1.97	3.75	-.01	4.83		8.74	4.91
GALAX RADIO WBRF	1.36	-1.92	3.09	-.12	1.95	-2.08	3.76	.05	4.31	-.31	6.34	2.28
GLEN LYN	1.42	-1.47	1.62	-1.07	1.63	-1.79	4.34	1.28	5.34	1.63	4.52	
GRUNDY	4.68	1.17	1.81	-1.31	1.45	-2.53	5.47	1.44	6.41		5.24	.74
HILLSVILLE	1.34		1.85		1.50	-2.57	2.65		2.08		6.77	
HURLEY 4 S	3.73		2.08		3.36		5.54		6.35		4.37	
JOHN W FLANNAGAN LAKE	4.95	1.54	2.06	-1.18	3.95	.00	4.29	.66	8.18	3.60	6.23	1.81
LAFAYETTE 1 NE	2.35	-.86	2.66	-.18	1.93	-1.50	3.69	.25	4.56	.60	4.74	1.23
LEBANON	3.50	.64	3.59	.07	3.04	-1.03	4.23	1.00	6.70	2.19	7.97	4.08
NEWPORT 2 NNW	2.88	.01	2.44	-.14	2.46	-.79	3.78	.38	5.58	1.33	3.96	.39
NORTH FORK LAKE	5.05	1.30	2.46	-1.01	3.94	-.36	4.10	.16	7.87	2.86	6.77	2.18
PENNINGTON GAP	4.09	-.23	3.45	-.83	4.83	.42	3.20	-.91	8.88	3.93	3.88	-.63
PULASKI	2.22	-.71	2.80		2.03	-1.31	3.43	.34	3.61	-.39	5.59	1.64
RICHLANDS	4.03	1.00	2.08	-.83	2.58	-1.74	5.05	2.32	6.70	2.17	7.10	3.88
SALTVILLE 1 N	3.15	-.64	2.32	-1.29	3.35	-.98	5.79	1.94	6.62	2.10	7.77	4.33
STAFFORDSVILLE 3 ENE	2.31	-.85	2.41	-.46	2.28	-1.28	4.15	.68	5.86	1.70	5.16	1.23
TROUT DALE 3 SSE	1.88	-1.99	3.66	.10	2.39	-1.81	4.50	.85	2.45	-2.28	4.79	.40
WILLIS	1.88	-1.69	2.76	-.45	2.23	-1.92	4.21	-.06	2.86	-1.52	9.82	5.86
WISE 3E	4.33	.43	2.50	-1.24	4.22	-.17	3.52	-.42	8.75		7.05	3.04
WYTHEVILLE 1 S	1.94	-1.00	3.51	.65	2.17	-1.08	4.56	1.37	3.38	-.89	5.85	2.45
--DIVISIONAL DATA----->	3.45	.40	2.68	-.62	3.13	-.62	4.34	.70	6.13	1.83	6.27	2.50

VIRGINIA
2004

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
ABINGDON 3 S	5.87	1.05	2.69	-.93	4.79	1.17	3.23	.49	3.67	.34	3.20	-.87	50.25	2.84
BIG STONE GAP	2.79	-1.52	2.81	-1.08	6.68	2.73	3.17	-.28	4.85	.85	6.77	2.25	56.08	3.72
BLACKSBURG NWSO	M 3.39		3.59	-.09	8.85	5.46	2.28	-.91	4.24	1.28	2.37	-.50	M 46.04	
BLAND	4.04	.57	4.04	.61	9.60	6.48	3.46	.70	3.27	.64	M 3.27		M 54.15	
BREAKS INTERSTATE PARK	3.58		3.61		6.73		5.47		2.92		4.47		58.02	
BURKES GARDEN	3.34	-1.04	3.16	-.88	9.31	5.84	M .81		3.74	.60	4.66	1.25		
BYLLESBY DAM	M 5.78		M 1.45		17.87	14.40	M .81		M 5.38		1.84	-.89		
CHRISTIANSBURG	M 5.07		3.05		9.01		2.66		3.41		2.69		M 46.37	
CLINTWOOD 1 W	3.55		4.01		6.58		3.70		3.15		6.06		57.25	
COPPER HILL	M 3.40		2.48	-1.43	15.26	10.61	3.19	-.82	5.17	1.35	4.59	1.80	M 57.11	
FLOYD 2 NE	4.17	.96	2.15	-.91	11.45	7.68	3.13	-.24	3.44	.02	M 3.17		M 48.98	
GALAX RADIO WBRF	M 4.40		4.74	1.33	13.47	9.74	2.61	-.93	2.92	-.57	M 2.28		M 51.23	
GLEN LYN	M 4.57		4.57	1.53	8.22	5.41	3.05	.51	M .78		3.55	1.12	M 43.61	
GRUNDY	4.30	-.57	2.46	-1.47	5.81	2.35	3.78	.63	2.51	-.66	4.09	.84	M 48.01	
HILLSVILLE	M 4.06		M 3.01		M 11.65		M 2.39		M 1.17		2.25	-.74	M	
HURLEY 4 S	3.41		2.58		7.25		5.75		3.67		5.23		M 53.32	
JOHN W FLANNAGAN LAKE	3.93	-.17	3.95	-.24	7.05	3.57	6.01	3.03	1.85	-1.46	M 4.64		M 57.09	
LAFAYETTE 1 NE	4.97	1.26	M 2.53		11.43	8.20	2.69	-.18	3.98	1.13	2.17	-.50	M 47.70	
LEBANON	M 3.27		3.29	-.42	5.57	2.69	M 2.24		3.45	.57	3.31	-.17	M 50.16	
NEWPORT 2 NNW	3.43	-.20	3.57	.84	8.89	5.80	2.31	-.77	4.33	1.57	2.40	-.14	46.03	8.28
NORTH FORK LAKE	2.74	-1.94	3.13	-.89	6.69	3.12	3.70	.67	3.45	.20	6.29	2.77	56.19	9.06
PENNINGTON GAP	2.25	-2.23	3.17	-.68	5.84	2.44	2.91	-.06	4.91	1.06	5.94	1.68	53.35	3.96
PULASKI	2.31	-1.37	3.54	.71	8.40	5.29	2.49	-.44	3.79	1.24	1.81	-.78	M 42.02	
RICHLANDS	3.57	-.81	3.78	.81	6.09	2.22	3.52	1.44	3.25	.54	4.57	.87	52.32	11.87
SALTVILLE 1 N	3.13	-1.58	4.14	-.01	5.91	2.75	4.85	2.34	4.23	1.19	4.25	.39	55.51	10.54
STAFFORDSVILLE 3 ENE	2.05	-1.86	2.07	-1.17	8.48	5.28	2.46	-.29	3.99	1.17	2.92	.34	44.14	4.49
TROUT DALE 3 SSE	3.22	-.78	2.23	-1.35	9.63	6.47	2.99	-.26	3.50	.16	2.65	-.43	43.89	-.92
WILLIS	4.22	.25	2.11	-1.86	10.95	7.30	3.48	.13	3.70	.32	3.20	-.05	51.42	6.31
WISE 3E	M 3.19		M 3.56		8.15	4.57	2.67	-.33	4.35	.75	5.09	1.50	M 57.38	
WYTHEVILLE 1 S	4.24	.51	1.81	-1.33	9.85	6.76	3.17	.29	3.74	1.06	2.55	.13	46.77	8.92
--DIVISIONAL DATA----->	3.49	-.96	3.26	-.42	7.82	4.34	3.44	-.01	3.58	.35	4.18	.98	51.77	8.47

VIRGINIA
2004

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

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 WILDLIFE RFG	M		M		M		M		M		M		M		M77.9	.4	M75.0	2.0	M		M		M		M		
EASTVILLE	34.3		37.6		47.6		56.5		71.5		73.8		78.6		75.5		71.5		59.7		51.8		42.8		M		
EMPORIA 1 WNW	35.4	-2.3	39.6	-.8	50.0	1.8	58.3	1.1	71.8	6.2	74.2	.8	78.6	.7	75.0	-1.2	71.6	1.6	59.9	1.3	52.4	3.0	41.9	.7	59.1	1.1	
FREDERICKSBURG SEWAGE	M		35.9		47.6		55.7		70.9		72.4		77.0		74.6		69.5		57.7		50.1		38.4		M		
HAMPTON UNIVERSITY	38.8		42.2		52.4		61.1		74.7		M		82.2		79.0		M74.5		62.8		55.7		46.4		M		
HOLLAND 1 E	35.9	-1.8	39.7	-.6	49.6	1.6	59.0	2.4	72.2	7.1	75.0	2.1	78.0	.9	75.7	.3	72.3	2.5	59.6	.9	52.8	2.6	42.4	.9	59.4	1.6	
HOPEWELL	37.6	-2.1	42.5	-.3	53.8	3.1	60.9	1.1	75.2	7.4	76.7	1.1	80.4	.8	77.7	-.3	73.8	1.7	63.1	2.0	55.4	3.5	46.1	2.6	61.9	1.7	
LANGLEY AIR FORCE BASE	M		M		M		M		M		M		M		M		M		M		M		M		M		
NORFOLK INTL AP	R	38.8	-1.3	42.6	.6	52.4	3.4	60.3	2.9	73.1	6.8	75.1	.6	79.2	.1	76.0	-1.4	72.6	.5	61.0	-.1	53.3	1.0	44.3	.1	60.7	1.1
NORFOLK SOUTH		36.8		40.7		50.5		59.4		73.4		75.1		79.4		76.0		72.2		60.3		52.5		43.4		60.0	
NORTH		33.6		37.4		47.1		56.2		70.6		72.1		76.7		M74.7		70.8		58.5		51.4		41.3		M57.5	
PAINTER 2 W		35.5	-3.2	39.2	-1.2	48.7	1.1	57.4	1.2	72.4	7.2	73.6	.1	78.0	-.3	75.5	-1.0	70.8	-.1	59.4	-.8	51.7	.4	43.0	.1	58.8	.3
STONY CREEK 2 N		34.0	-3.1	M40.1	-.1	M49.5	1.1	M		72.8	6.3	M76.1	1.2	78.9	.1	75.3	-.9	M		59.2	1.5	52.1	3.2	41.4	1.1	M	
SUFFOLK LAKE KILBY		36.8	-2.8	41.5	-.7	50.7	1.0	59.8	1.7	72.2	5.6	M		83.3	4.8	78.2	1.4	M		52.8		44.3		-.1	M		
WAKEFIELD 1NW		34.5	-4.2	39.5	-1.8	49.4	.4	58.6	1.0	72.7	7.1	74.3	.7	78.1	-.5	74.9	-1.3	70.9	.1	59.1	-.5	51.2	.3	41.7	-.2	58.7	.1
WALKERTON 2 NW		33.8	-3.3	37.6	-2.6	49.5	1.4	58.2	.9	72.8	7.1	73.7	.3	77.2	-.2	75.0	-.9	70.9	1.3	59.0	.9	50.6	1.7	42.0	1.6	58.4	.7
WALLACETON LK DRUMMOND										M				76.5		72.3		69.2		57.0		50.0		39.6		M	
WARSAW 2 NW		33.7	-3.1	39.4	-.4	50.8	3.2	58.4	1.6	73.0	7.4	73.8	.3	77.7	.1	75.3	-.7	70.5	.5	59.1	.2	51.5	1.9	42.0	1.1	58.8	1.0
WEST POINT 2 NW		35.1	-3.2	39.2	-1.9	50.4	1.3	58.7	.4	73.6	6.7	74.4	-.3	78.3	-.5	75.6	-1.4	71.1	.1	60.0	.1	51.8	1.1	43.3	1.2	59.3	.3
WILLIAMSBURG 2 N		36.4	-2.1	40.8	-.4	51.7	2.9	59.7	1.9	73.8	7.6	74.6	.8	78.5	.4	75.6	-.9	71.7	.9	60.6	.8	53.4	2.5	44.1	1.6	60.1	1.3
--DIVISIONAL DATA----->		35.7	-1.5	39.7	.1	50.3	2.4	58.6	2.0	72.7	7.1	74.3	.6	78.7	.9	75.8	-.9	71.7	.9	59.8	-.2	52.3	1.3	42.6	.9	59.4	1.1
EASTERN PIEDMONT 02																											
AMELIA 8 NE		33.2		37.3		50.0		57.2		70.8		72.5		76.2		73.3		68.3		57.0		51.0		39.6		57.2	
ASHLAND		32.7	-2.8	37.2	-1.7	49.1	1.9	56.9	.4	70.1	5.6	71.9	-.4	75.4	-1.2	72.7		68.4	-.3	57.6	.4	50.6	2.8	40.5	1.3	56.9	.3
BREMO BLUFF		31.8	-1.2	35.6	-.8	47.4	2.7	55.0	.4	71.0	7.2	M71.7	-.5	76.7	.0	73.8	-1.2	69.2	1.4	56.9	.6	49.1	3.4	37.9	1.1	M56.3	1.1
CAMP PICKETT		32.6	-3.0	36.4	-1.9	48.6	2.2	56.2	.8	70.1	6.0	72.6	.4	76.3	-.6	73.2	-2.2	69.1	.2	57.6	.7	49.9	2.3	39.8	.7	56.9	.5
CHASE CITY		33.0	-2.7	36.1	-2.5	48.5	1.4	56.1	-.3	70.4	5.2	72.8	-1.0	75.8	-2.4	72.1	-4.0	67.9	-1.5	56.7	-.7	48.6	.7	37.4	-1.6	56.3	-.8
CORBIN		28.9	-5.9	36.0	-2.1	M		M		70.1	5.8	73.4	.9	76.1	-.7	73.9	-1.4	68.9	.0	57.2	-.1	50.4	2.2	38.8	-.4	M	
CROZIER		32.9	-2.0	36.5	-1.4	48.9	3.0	56.5	1.1	70.6	6.5	72.3	-.1	76.1	-1.1	73.7	-2.0	68.9	-.1	57.7	.9	50.4	2.7	39.0	.1	57.0	.6
FARMVILLE 2 N		33.2	-3.5	35.9	-3.9	48.8	1.0	56.2	-.7	70.4	5.3	72.5	-.6	76.1	-1.1	73.1	-2.4	68.8	-.1	57.9	.2	50.5	2.1	39.5	-.5	56.9	-.4
GREENBAY 3 NE								71.2		72.6		M		72.9		M		58.5		51.8		40.3		M			
JOHN H KERR DAM		34.9	-2.9	38.1	-2.3	50.7	2.5	59.1	1.9	73.7	7.9	75.8	1.9	80.0	1.6	76.6	-.3	71.8	1.2	61.0	2.0	53.3	3.4	41.9	.4	59.7	1.4
LAWRENCEVILLE 3 E		32.1	-4.8	36.6	-3.0	47.6	-.1	55.9	.2	69.6	5.3	72.1	-.1	76.1	-.4	71.7	-3.3	67.9	-.8	57.6	-.1	50.5	1.9	39.8	-.6	56.5	-.5
LOUISA		32.0	-.9	35.8	-.6	47.7	3.0	56.0	1.9	70.5	8.1	72.0	1.7	75.7	1.3	73.4	.7	68.6	2.4	57.3	2.5	48.3	3.1	39.0	2.7	56.4	2.2
MONTPELIER							M55.4		M67.2		M			75.3		72.9		68.1		56.6		49.4		38.3		M	
PALMYRA 3S		33.5		38.3		M		M54.2		M64.3		70.0		73.7		71.3		67.0		56.1		48.1		36.3		M	
PETERSBURG	M33.9		39.0		49.8		M56.4		72.0		74.4		78.7		75.1		70.8		58.8		52.5		41.6		M58.6		
RICHMOND INTL AP	R	33.4	-3.0	38.7	-.8	50.0	2.3	59.1	2.0	73.1	7.7	74.5	1.0	78.7	.8	75.7	-.6	71.6	1.8	60.2	1.9	52.6	3.6	42.4	2.0	59.2	1.6
SANDSTON		32.3		36.3		48.4		57.2		71.5		73.3		77.0		75.1		69.6		57.1		50.2		39.2		57.3	
--DIVISIONAL DATA----->		32.7	-2.3	36.9	-1.2	48.9	1.8	56.5	.3	70.4	5.7	72.8	.2	76.5	.0	73.6	-1.8	69.1	.3	57.8	.3	50.4	1.8	39.5	.4	57.1	.5
WESTERN PIEDMONT 03																											
APPOMATTOX	M30.8		36.3	-1.1	47.7	2.3	M56.6	1.7	M69.7	6.4	71.7	.1	75.5	-.4	72.7	-1.6	68.6	.9	57.6	1.6	50.7	4.0	M		M		
BEDFORD		33.4	-1.2	35.7	-1.6	47.2	1.3	56.2	1.4	68.5	5.2	70.5	-.8	74.8	-.9	71.3	-2.7	67.6	.1	57.8	1.0	50.5	3.4	37.9	-.7	56.0	.4
BROOKNEAL		27.7	-6.4	29.7	-7.0	42.4	-2.2	50.3	-3.2	64.3	1.7	67.0	-4.2	70.7	-5.1	67.1	-7.5	63.0	-4.3	52.3	-2.7	44.3	-.9	32.1	-4.6	50.9	-3.9
CHARLOTTE COURT HOUSE		32.7	-2.5	36.6	-1.8	49.3	2.7	56.6	1.1	70.5	6.7	73.0	.8	74.5	-2.0	M71.7	-3.5	68.1	-.5	56.5	-.4	49.6	1.9	38.2	-.9	M56.4	.1
CHARLOTTESVILLE 2 W		32.1	-3.4	37.3	-1.4	49.3	2.4	56.7	-.4	70.1	4.9	71.7	-1.2	75.8	-1.1	73.7	-1.7	69.4	.2	57.7	-.6	51.3	2.4	39.0	-.3	57.0	.0
CHATHAM		32.4	-2.2	34.2	-3.2	47.0	1.9	54.5	.6	68.3	5.7	71.2	.2	74.5													

VIRGINIA
2004

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

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
SOUTH BOSTON	34.2	-1.7	36.4	-2.7	48.7	2.0	56.4	1.1	69.8	5.9	72.2	-.1	76.4	-.4	72.9	-2.4	68.8	.1	58.6	2.0	50.9	3.6	39.3	-.2	57.1	.6
STUART	35.0	-.2	38.4	.1	49.5	3.4	56.6	1.6	69.4	6.0	71.7	1.0	74.8	.1	72.1	-1.2	68.9	1.7	59.1	2.8	51.2	3.9	39.2	.5	57.2	1.6
TYE RIVER 1 SE	33.5	-1.4	37.4	-.6	49.3	3.7	57.5	2.3	69.3	6.3	71.5	.5	75.1	-.3	72.5	-1.4	69.2	2.0	58.3	2.1	50.7	3.5	38.5	.1	56.9	1.4
--DIVISIONAL DATA----->	32.8	-1.8	36.0	-1.5	47.8	1.3	55.7	.0	69.0	4.8	71.3	-.5	74.9	-.7	71.8	-2.7	67.8	-.2	57.5	.7	50.0	2.1	38.1	-.4	56.1	.1
NORTHERN 04																										
BOSTON 4 SE	28.3		33.4		45.4		53.7		68.2		69.6		73.4		70.8		67.3		56.1		47.3		36.4		54.2	
EDINBURG	27.8		30.7		43.8		52.2		66.9		68.7		73.0		70.6		66.1		54.7		46.6		35.2		53.0	
FRONT ROYAL	28.9		32.9		44.6		52.6		69.3		70.4		75.2		72.8		67.1		M55.8		48.3		36.8		M54.6	
LINCOLN	27.5	-4.0	31.4	-2.8	44.2	1.3	52.7	.8	68.1	6.3	69.4	-.9	74.3	-.9	M		66.5	.1	53.1	-2.0	46.8	2.0	35.2	-.6	M	
MADISON	M30.4		M		M46.3		M		M70.9		M73.3		M		M74.6		M68.7		M		M		M38.7		M	
MANASSAS									70.1		71.4		M		M		68.9		M		M		M36.2		M	
MOUNT WEATHER	23.7	-5.1	M28.3	-2.9	M43.7	4.8	50.0	.7	M64.3	5.2	67.8	.2	M		M70.0	-.8	65.0	.9	52.1	-.9	M45.9	2.7	M		M	
PIEDMONT RESEARCH STN	30.6	-2.5	35.8	-.3	47.3	3.0	55.7	1.4	69.5	6.2	70.8	-1.0	74.9	-1.2	72.9	-1.5	68.8	1.1	57.0	1.0	50.0	3.5	38.3	1.1	56.0	.9
SOMERSET	31.2		35.2		46.7		55.4		68.9		70.7		74.7		72.2		67.7		56.1		49.3		37.6		55.5	
SPERRYVILLE	29.9		34.6		46.1		54.2		M68.8		70.1		74.4		71.8		68.1		55.6		49.1		37.2		M55.0	
STAR TANNERY	27.2		31.2		44.1		52.9		67.0		68.1		72.5		71.4		65.8		52.5		46.7		34.3		52.8	
STERLING RCS	27.0	-3.5	31.5	-1.7	43.8	2.1	53.5	2.0	68.5	7.1	69.4	-.4	74.3	-.2	72.6	-.4	67.4	1.6	53.6	-.3	46.7	2.8	34.9	-.1	53.6	.8
VIENNA	28.0		33.7		45.1		M56.3		67.9		69.2		74.2		72.3		67.4		54.6		48.1		36.5		M54.4	
WARRENTON 3 SE	28.7	-4.1	34.8	-.9	45.2	1.4	54.6	.9	M		69.2	-1.5	73.8	-1.2	M71.6	-2.1	67.4	-.1	M54.7	-1.2	M48.8	2.4	M		M	
WASHINGTON DULLES INTL R	28.0	-3.7	34.8	.0	46.3	2.9	54.8	1.7	69.8	7.5	70.9	.0	75.9	.2	73.6	-.8	68.8	1.5	55.6	.6	48.4	3.2	37.8	1.8	55.4	1.2
WASHINGTON REAGAN NTL R	30.6	-4.3	38.2	.1	48.8	2.3	57.4	1.3	71.8		73.4	-1.1	78.6	-.6	75.9	-1.5	71.6	1.1	58.3	-.5	51.0	2.3	40.1	.6	58.0	833.3
WINCHESTER	27.4	-3.3	33.3	-.8	45.4	3.2	53.6	1.0	68.3	6.1	70.2	-.4	75.0	-.2	72.6	-.8	67.1	1.2	53.8	-.4	48.1	3.5	36.2	.9	54.3	.8
WINCHESTER 7 SE	26.8	-3.6	30.8	-2.7	43.5	1.4	52.4	.7	67.6	6.1	69.1	-.9	73.7	-.9	71.9	-1.0	66.6	.7	54.0	-.1	46.9	2.5	35.3	.2	53.2	.2
WOODSTOCK 2 NE	27.6	-3.4	31.8	-2.2	45.3	2.6	52.7	1.0	68.1	6.4	69.3	-.8	73.3	-1.2	72.0	-1.1	66.9	1.0	54.6	.0	47.3	3.1	35.9	.2	53.7	.5
--DIVISIONAL DATA----->	28.3	-2.8	33.1	-.8	45.3	1.8	53.8	.8	68.4	6.0	70.1	-.5	74.5	-.2	72.3	-1.1	67.5	.8	54.8	-.5	48.0	2.2	36.6	1.0	54.4	.6
CENTRAL MOUNTAIN 05																										
BUCHANAN	33.4	-1.0	36.4	-1.5	50.7	4.5	M57.7	2.2	70.0	5.1	71.6	-.9	75.4	-1.4	72.2	-3.1	68.6	.0	58.8	1.5	51.1	4.6	39.6	1.7	M57.1	1.0
BUENA VISTA	33.0		36.0		48.5		56.2		72.2		74.2		78.4		75.8		70.9		60.9		50.2		37.6		57.8	
COVINGTON FILTER PLANT	31.9	-.1	35.8	.4	47.0	3.4	54.4	1.4	68.4	5.9	69.9	-.2	74.1	-.2	71.3	-1.3	68.2	2.3	58.6	3.5	49.5	5.0	36.5	.4	55.5	1.7
DALE ENTERPRISE	27.7	-2.8	30.8	-2.7	44.4	2.4	51.3	.5	67.1	6.3	68.5	-.9	72.2	-1.3	69.2	-2.6	65.2	.4	54.1	.6	46.0	2.7	34.3	-.6	52.6	.2
GATHRIGHT DAM	29.2	-2.0	33.1	-.9	44.7	2.4	52.4	.7	66.1	5.5	67.4	-1.1	71.2	-1.3	68.7	-2.6	65.3	.5	55.6	1.6	47.2	3.2	34.2	-1.0	52.9	.4
HOT SPRINGS	27.3	-2.7	31.7	-1.3	43.4	2.3	51.0	.4	65.0	5.5	66.1	-1.2	69.9	-1.5	67.1	-3.1	63.2	-.2	53.8	1.5	45.7	3.3	33.0	-.6	51.4	.2
LEXINGTON	M		37.0	1.6	48.5	4.2	57.5	4.4	72.4	9.9	74.4	4.0	78.5	3.8	75.2	2.1	70.4	4.3	59.5	4.8	49.4	5.2	37.0	.8	M	
MILLGAP 2 NNW	25.2		28.4		40.4		48.3		62.4		63.5		67.2		64.6		61.3		51.0		42.9		30.7		48.8	
MUSTOE 1 SW	24.7		29.8		40.6		48.4		62.6		63.4		67.3		64.1		61.7		52.3		43.1		31.3		49.1	
ROANOKE 8 N	M		36.1		47.9		55.6		68.8		70.8		75.3		71.7		68.4		58.4		50.5		38.1		M	
ROANOKE INTL AP R	34.6	-1.2	38.5	-.6	50.2	3.0	58.1	2.0	70.8	6.7	72.3	.4	76.5	.3	73.4	-1.3	69.1	1.4	59.3	2.7	51.4	4.1	39.5	.4	57.8	1.5
STAUNTON SEWAGE PLANT	29.2	-1.5	33.2	-.4	45.1	3.4	52.8	2.0	67.4	7.6	68.2	.3	72.3	.2	69.7	-.8	66.0	2.1	55.1	3.0	47.8	4.7	36.1	1.7	53.6	1.9
WAYNESBORO SEWAGE	29.5		32.8		45.1		52.3		67.6		68.2		72.6		69.7		65.6		55.8		47.3		35.9		53.5	
--DIVISIONAL DATA----->	29.6	-2.1	33.8	-1.0	45.9	1.7	53.5	.3	67.8	5.8	69.1	-.3	73.1	-.1	70.2	-1.9	66.5	1.0	56.4	1.8	47.9	2.8	35.7	-.1	54.1	.7
SOUTHWESTERN MOUNTAIN 06																										
ABINGDON 3 S	31.5	-1.0	36.0	-.3	48.1	3.5	53.0	.1	66.6	5.2	69.9	.9	72.2	-.6	69.7	-1.8	67.1	1.7	58.9	4.9	49.4	4.7	34.7	-1.3	54.8	1.3
BIG STONE GAP	33.4	-.2	37.7	.3	48.7	3.1	53.9	.4	67.3	4.5	70.7	.5	73.6	-.7	71.2	-2.7	68.3	1.0	60.2	4.8	50.7	4.9	35.8	-1.2	56.0	1.2
BLACKSBURG NWSO R	29.4	-1.5	32.7	-.8	43.7	2.3	51.6	1.6	65.5	6.6	67.5	.6	70.7	-.4	67.9	-1.7	64.3	1.3	55.5	3.8	46.7	3.9	33.5	-.6	52.4	1.3
BLAND	29.3	-1.0	32.1	-1.2	44.3	4.0	49.9	1.1	63.5	5.6	66.0	.4	68.9	-.8	66.2	-2.2	63.0	.9	55.6	4.6	46.1	4.1	33.9	.0	51.6	1.3
BREAKS INTERSTATE PARK	31.3		34.7		46.5		53.3		65.9		68.3		71.0		68.6		65.8		56.9		48.1		35.0		53.8	
BURKES GARDEN	26.6	-2.2	29.8	-1.3	42.1	3.0	48.6	1.8	61.7	5.7	64.4	.9	67.2	-.1	64.0	-1.6	60.9	1.4	M		44.5	4.4	31.2	-1.1	M	
CHRISTIANSBURG	30.4		33.7		45.7		52.7		65.9		68.0		71.7		68.6		64.7		56.0		48.1		35.6		53.4	
CLINTWOOD 1 W	30.7		33.9		45.0		51.6		64.6		67.2		69.9		67.3		64.2		56.4		47.6		33.3		52.6	
FLOYD 2 NE	M		30.2	-2.7	42.5	2.1	49.3	.6	63.2	5.4	66.2	.9	71.4	1.9	67.3	-.6	64.0	2.5	54.9	3.9	44.5	3.1	33.0	-.6	M	
GALAX RADIO WBRF	31.0	.6	33.9	.7	44.5	3.7	51.9	2.8	64.5	6.1	67.4	1.7	70.6	.7	67.5	-.8	63.9	1.9	56.1	5.2	46.7	5.0	34.8	1.0	52.7	2.4
GRUNDY	32.8	-1.6	36.2	-1.7	M46.3	.4	53.7	-.5	66.9	4.0	69.1	-1.7	72.3	-2.9	70.0	-4.2	66.5	-1.6	58.6	2.5	49.7	3.1	35.6	-2.2	M54.8	-.5
JOHN W FLANNAGAN LAKE	M		M		M45.2		M52.2		M66.5		68.8		71.9		69.4		67.0		58.3		M50.2		M37.2		M	
LEBANON	31.4	-1.3	35.4	-.4	46.6	3.2	51.9	.5	65.5	5.0	68.7	.4	70.8	-1.0	68.7	-1.9	65.7	1.2	57.8	4.9	48.7	4.6	34.3	-1.7	53.8	1.1
NORTH FORK LAKE	M		M		M45.5		M52.6		M		M		M		M		M		M		M		M		M	
PENNINGTON GAP	32.6	-.3	36.4	.2	47.4	3.1	53.4	.8	66.5	4.7	70.5	1.0	73.3	-.5	70.3	-2.1	67.3	.9	59.7	5.2	49.8	5.1	35.1	-1.2	55.2	1.4

VIRGINIA
2004

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

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
PULASKI	30.4	-1.2	33.3	-1.1	45.1	2.8	52.2	1.2	65.3	5.3	67.7	.2	70.7	- .8	67.6	-2.6	63.8	.0	55.6	2.9	47.7	4.1	34.5	-.9	52.8	.8
RICHLANDS	30.8	-.9	34.6	-.2	45.3	2.8	50.4	-.2	65.1	5.1	67.4	-.6	70.2	-2.0	68.1	-2.5	65.4	1.0	56.8	4.3	47.9	4.4	34.6	-.3	53.1	.9
SALTVILLE 1 N	31.1	-.9	34.8	-.3	46.3	2.8	52.5	.2	66.6	5.2	69.2	.1	72.2	-.9	69.8	-2.0	66.4	1.0	58.7	5.2	49.0	5.1	34.9	-.3	54.3	1.3
STAFFORDSVILLE 3 ENE	30.8	.1	33.5	-.4	45.2	2.9	52.1	1.3	65.0	5.4	67.3	.2	70.7	-.6	68.0	-1.8	64.4	1.0	55.2	3.0	46.7	3.6	34.0	-.8	52.7	1.2
WISE 3E	30.0	-2.7	M36.2	-.2	M47.2	2.5	54.4	1.3	64.9	4.1	66.9	-.9	M70.8	-.6	M67.7	-2.5	M65.3	.8	58.2	3.6	49.4	4.2	35.6	-1.0	M53.9	.7
WYTHEVILLE 1 S	30.3	-.6	33.1	-.7	44.7	3.1	51.2	1.4	63.9	5.0	66.7	.3	70.0	-.8	66.6	-2.8	63.1	-.2	55.8	3.9	45.4	2.9	34.0	-.2	52.1	.9
--DIVISIONAL DATA----->	30.8	-.9	34.1	-.6	45.5	1.4	52.0	-.3	65.2	4.6	67.9	.2	71.0	-.1	68.2	-2.1	65.1	.9	57.1	3.6	47.8	3.4	34.5	-1.1	53.3	.8

VIRGINIA
2004

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

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					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG							
BACK BAY WILDLIFE RFG					1/12	14	2/ 3	20	2/16	24	2/17	25	3/28	29	11/27	32	12/16	28	12/20	18	12/20	18	NONE							
EASTVILLE	90	7/10	13	1/11	1/22	16	2/ 3	19	3/24	23	3/24	23	4/ 7	32	11/10	31	12/15	26	12/16	20	12/16	20	12/20	13	333	317	267	266	217	
EMPORIA 1 WNW	93	7/15	8	1/12	2/ 3	14	2/17	18	3/24	21	3/24	21	4/ 7	31	11/ 9	30	11/15	27	12/15	24	12/16	18	12/20	12	321	303	266	236	216	
FREDERICKSBURG SEWAGE	93	7/15			2/ 3	14	2/17	18	3/24	21	3/24	21	4/ 7	31	11/ 9	30	11/15	27	12/15	24	12/16	18	12/20	12	321	303	266	236	216	
HAMPTON UNIVERSITY	95	8/ 4	14	12/20	MSG		1/26	19	2/ 1	22	2/16	26	3/23	30	12/15	28	12/15	28	12/20	14	12/20	14	12/20	14		329	323	303	267	
HOLLAND 1 E	95	7/ 8	10	12/28	1/12	10	3/23	20	3/23	20	4/ 6	25	4/ 7	32	11/10	29	11/15	23	11/15	23	12/16	18	12/20	14	343	268	237	223	217	
HOPEWELL	94	6/18	12	1/11	1/11	12	1/31	18	2/ 1	21	3/23	25	3/23	25	11/10	32	12/16	22	12/16	22	12/20	16	12/20	16	344	324	319	268	232	
LANGLEY AIR FORCE BASE					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG							
NORFOLK INTL AP	R 93	6/18	15	12/20	NONE		NONE		2/ 1	23	2/ 9	26	3/20	32	11/27	32	12/16	24	12/16	24	12/20	15	12/20	15				319	311	252
NORFOLK SOUTH	95	6/18	14	12/20	NONE		1/25	19	2/ 1	23	2/29	28	3/23	29	11/15	32	12/15	27	12/16	22	12/20	14	12/20	14		330	319	290	237	
NORTH	91	6/19	12	1/12	1/12	12	2/ 3	18	3/23	24	3/24	25	3/24	25	11/10	31	12/15	27	12/16	22	12/20	13	12/20	13	343	321	268	266	231	
PAINTER 2 W	91	7/ 6	11	12/28	1/25	15	2/ 2	19	3/23	24	3/24	28	3/24	28	11/ 9	32	11/27	28	12/16	22	12/20	14	12/20	14	330	322	268	248	230	
STONY CREEK 2 N					2/ 2	15	MSG		MSG		MSG		MSG		11/ 9	32	11/10	28	12/16	19	12/16	19	12/20	14	322					
SUFFOLK LAKE KILBY			13	1/11	1/11	13	1/31	19	2/ 2	21	3/23	27	4/ 6	31	11/15	32	12/15	26	12/16	22	12/20	14	12/20	14	344	324	318	267	223	
WAKEFIELD 1NW	94	7/ 7	6	1/11	3/23	16	3/23	16	4/ 6	22	4/ 6	22	4/16	31	11/ 6	31	11/ 9	28	12/15	21	12/16	18	12/20	13	272	268	253	217	204	
WALKERTON 2 NW	95	6/18	4	1/11	3/23	15	4/ 6	20	4/ 6	20	4/ 6	20	4/28	32	11/ 6	29	11/ 9	28	11/10	23	12/16	13	12/16	13	268	254	218	217	192	
WALLACETON LK DRUMMOND					MSG		MSG		MSG		MSG		MSG		10/17	32	11/ 6	28	11/ 9	24	11/27	20	12/16	11						
WARSAW 2 NW	93	7/ 5	7	1/11	1/31	13	3/23	20	3/23	20	3/23	20	4/ 5	32	11/ 9	32	11/10	27	12/16	19	12/16	19	12/20	10	324	268	268	232	218	
WEST POINT 2 NW	95	6/18	7	1/11	2/ 2	15	3/23	20	3/23	20	4/ 6	26	4/16	32	11/ 6	31	11/10	28	12/15	24	12/16	18	12/20	10	322	268	267	218	204	
WILLIAMSBURG 2 N	93	6/18	11	1/11	1/11	11	2/ 2	20	3/23	24	3/23	24	4/ 6	29	11/ 9	32	12/15	26	12/16	21	12/20	12	12/20	12	344	322	268	267	217	
EASTERN PIEDMONT 02																														
AMELIA 8 NE	94	6/19	3	1/12	2/ 2	14	3/23	18	3/23	18	4/ 6	26	4/28	32	11/ 6	31	11/10	27	12/15	21	12/16	17	12/20	11	322	268	267	218	192	
ASHLAND	90	4/18	6	1/11	2/ 2	14	3/23	18	3/23	18	4/ 6	25	4/28	32	11/ 6	31	11/15	27	12/15	23	12/16	17	12/20	9	322	268	267	223	192	
BREMO BLUFF	96	8/25	2	1/11	3/23	14	3/23	14	4/ 6	23	4/28	27	4/28	27	10/18	31	11/ 6	28	11/ 9	22	12/ 4	19	12/16	15	268	256	217	192	173	
CAMP PICKETT	91	7/15	1	1/11	2/ 2	15	3/23	17	3/24	21	4/ 7	28	4/16	32	11/ 6	30	11/10	27	12/15	23	12/16	16	12/16	16	318	268	266	217	204	
CHASE CITY	94	6/19	3	1/11	2/16	16	3/24	17	3/24	17	4/ 6	25	4/28	32	11/ 6	27	11/ 6	27	11/15	24	12/15	15	12/15	15	303	266	236	214	192	
CORBIN					MSG		MSG		MSG		MSG		MSG		11/ 6	32	11/10	26	12/15	22	12/16	16	12/16	16						
CROZIER	94	8/21	4	1/12	2/ 3	12	3/24	18	3/24	18	4/ 7	25	4/28	32	11/ 6	30	11/ 9	27	12/ 4	24	12/15	20	12/16	15	317	266	255	216	192	
FARMVILLE 2 N	92	7/ 7	2	1/12	2/17	14	3/24	17	3/24	17	4/ 7	28	4/28	32	11/ 6	32	11/ 9	28	12/15	22	12/16	17	12/20	12	307	267	266	216	192	
GREENBAY 3 NE					MSG		MSG		MSG		MSG		MSG		11/ 9	28	11/ 9	28	12/15	21	12/16	18	12/20	11						
JOHN H KERR DAM	96	7/ 7	4	1/11	1/31	16	3/23	19	3/23	19	3/23	19	4/ 6	29	11/ 9	32	11/10	28	12/15	20	12/15	20	12/20	12	324	267	267	232	217	
LAWRENCEVILLE 3 E	95	7/18	4	12/20	2/17	12	3/23	20	4/ 6	21	4/28	27	4/28	27	11/ 6	27	11/ 6	27	11/ 9	23	12/16	12	12/16	12	303	268	217	192	192	
LOUISA	91	8/20	2	1/11	3/23	15	3/23	15	4/ 6	24	4/16	28	4/28	29	11/ 6	30	11/ 8	28	11/ 9	24	12/15	17	12/16	13	268	267	217	206	192	
MONTPELIER	91	7/ 6			MSG		MSG		4/ 6	23	4/ 8	26	4/28	29	11/ 6	30	11/ 9	27	12/15	18	12/15	18	12/16	15				253	215	192
PALMYRA 3S	90	6/20			MSG		MSG		4/ 6	24	4/29	28	4/29	28	10/19	32	11/ 9	25	11/10	24	12/15	20	12/16	12				218	194	173
PETERSBURG	94	7/ 8	11	1/25	1/25	11	2/ 3	18	3/23	23	3/24	28	4/ 6	29	11/ 9	30	11/26	28	12/16	20	12/16	20	12/20	15	330	317	268	247	217	
RICHMOND INTL AP	R 93	7/ 8	11	1/11	2/ 1	16	2/ 2	19	3/23	21	3/23	21	4/ 6	30	11/10	31	12/15	24	12/15	24	12/16	20	12/20	13	323	318	267	267	218	
SANDSTON	96	8/20	9	1/11	2/ 2	15	2/ 4	17	3/23	21	4/ 7	27	4/ 7	27	11/ 6	32	11/10	28	12/16	18	12/16	18	12/20	11	322	316	268	217	213	
WESTERN PIEDMONT 03																														
APPOMATTOX	90	7/14			2/17	16	3/24	19	3/24	19	3/24	19	4/ 7	30	11/ 9	30	11/26	27	MSG		MSG		MSG						247	216
BEDFORD	89	7/10	5	1/11	2/18	15	3/24	20	3/24	20	3/25	28	4/ 6	31	11/10	29	11/14	26	12/15	22	12/16	17	12/20	8	306	267	266	234	218	
BROOKNEAL	87	7/ 6	-3	1/12	3/24	12	4/ 7	20	4/ 7	20	4/29	26	5/ 5	30	10/18	30	11/ 6	24	11/ 6	24	11/14	19	12/15	12	266	221	213	191	166	
CHARLOTTE COURT HOUSE	95	4/20																												

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

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.					
TYE RIVER 1 SE NORTHERN 04	92	8/ 5	2	1/12	2/17	16	3/23	20	3/23	20	3/24	28	3/25	30	11/ 9	26	11/ 9	26	11/27	24	12/15	19	12/17	13	304	267	249	230	229
BOSTON 4 SE	96	6/18	0	1/11	2/17	15	3/24	17	3/24	17	3/25	25	4/17	31	10/18	32	11/ 9	26	11/10	24	12/16	15	12/16	15	303	267	231	229	184
EDINBURG	93	8/29	3	2/ 1	3/23	16	3/24	18	3/24	18	4/ 6	27	4/17	30	10/18	31	11/ 9	25	11/10	23	12/ 4	20	12/16	14	268	255	231	217	184
FRONT ROYAL	94	8/ 5	3	1/25	2/19	13	3/23	19	3/23	19	4/ 6	25	4/16	31	11/ 6	29	11/14	28	12/ 4	24	12/16	17	12/20	8	305	268	256	222	204
LINCOLN			2	2/ 3	3/23	16	3/23	16	3/24	21	4/ 6	28	4/17	31	10/12	32	11/ 9	25	11/10	22	12/16	14	12/16	14	268	268	231	217	178
MADISON					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
MANASSAS					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
MOUNT WEATHER					2/17	8	3/23	19	4/ 6	24	4/ 6	24	4/28	32	11/ 9	30	11/10	28	MSG		MSG		MSG					218	195
PIEDMONT RESEARCH STN	90	8/21	2	1/11	2/16	16	3/23	17	3/23	17	3/24	28	4/ 6	31	11/ 9	30	11/10	28	12/15	21	12/16	16	12/16	16	304	268	267	231	217
SOMERSET	91	8/21	-2	1/11	3/23	16	3/23	16	3/23	16	3/24	25	4/16	30	11/ 9	25	11/ 9	25	11/10	24	12/ 5	19	12/16	13	268	257	232	230	207
SPERRYVILLE	91	8/ 5	4	1/12	2/17	16	3/24	19	3/24	19	3/25	28	4/ 6	31	11/ 9	28	11/ 9	28	12/ 4	23	12/16	17	12/17	16	304	267	255	229	217
STAR TANNERY	93	8/29	0	1/11	3/23	14	3/23	14	3/24	22	4/16	27	4/16	27	10/ 6	32	11/ 9	28	11/10	22	12/ 4	20	12/16	10	268	256	231	207	173
STERLING RCS	91	8/29	2	2/ 3	3/23	15	3/24	18	4/ 6	24	4/16	28	4/17	29	10/18	29	11/ 9	25	11/10	22	12/15	18	12/16	14	268	266	218	207	184
VIENNA	90	4/20	5	1/10	2/17	15	2/17	15	3/24	22	4/29	28	4/29	28	11/ 8	30	11/10	27	12/15	24	12/16	19	12/20	9	307	303	266	195	193
WARRENTON 3 SE	88	4/20			2/16	14	3/23	20	3/23	20	MSG		MSG		11/ 9	32	11/10	27	MSG		MSG		MSG						
WASHINGTON DULLES INTL R	91	8/28	2	1/29	2/17	16	3/23	19	3/24	24	4/ 6	28	4/16	30	10/18	31	11/ 9	27	11/10	24	12/16	17	12/20	10	307	268	231	217	185
WASHINGTON REAGAN NTL R	92	7/ 5	8	1/10	2/ 1	15	2/16	19	2/16	19	3/23	26	4/ 5	31	12/ 4	30	12/15	25	12/16	24	12/19	18	12/20	11	323	307	304	267	243
WINCHESTER	92	8/29	5	1/25	2/17	12	3/23	20	3/23	20	4/ 6	28	4/ 6	28	11/ 9	31	11/10	28	12/15	22	12/16	17	12/20	8	307	268	267	218	217
WINCHESTER 7 SE	93	8/29	0	2/ 2	3/24	15	3/24	15	3/25	22	4/17	28	4/17	28	10/18	31	11/ 9	25	11/10	22	12/ 4	20	12/16	13	267	255	230	206	184
WOODSTOCK 2 NE	94	8/29	6	1/11	2/17	11	3/24	19	3/24	19	4/ 6	27	4/17	30	10/ 6	32	11/ 9	27	11/11	24	12/16	16	12/16	16	303	267	232	217	172
CENTRAL MOUNTAIN 05																													
BUCHANAN	90	7/ 7	6	1/11	2/ 3	16	3/23	17	3/23	17	3/24	25	3/24	25	11/15	32	12/15	25	12/16	23	12/20	10	12/20	10	321	272	268	266	236
BUENA VISTA	101	8/29	1	12/21	3/23	16	3/24	17	4/ 6	23	4/ 6	23	4/29	32	11/ 6	30	11/ 9	24	12/15	19	12/16	14	12/16	14	268	266	217	217	191
COVINGTON FILTER PLANT	92	8/29	6	12/21	2/ 3	16	3/24	17	3/24	17	4/ 6	26	4/16	32	11/ 6	32	11/ 9	28	12/15	19	12/15	19	12/16	16	317	266	266	217	204
DALE ENTERPRISE	91	8/29	3	2/ 1	2/18	16	3/24	18	4/ 7	24	4/ 7	24	4/16	31	11/ 9	25	11/ 9	25	11/15	24	12/15	17	12/16	15	302	266	222	216	207
GATHRIGHT DAM	87	8/29	4	12/21	2/ 2	11	3/24	20	3/24	20	4/ 7	27	4/15	32	11/ 6	31	11/ 9	27	11/26	24	12/15	17	12/16	15	318	266	247	216	205
HOT SPRINGS	86	5/11	0	2/ 1	3/23	16	3/24	17	3/24	17	4/ 7	25	4/29	31	11/ 6	32	11/ 9	26	11/26	23	12/15	15	12/15	15	267	266	247	216	191
LEXINGTON	99	8/29			3/23	15	3/24	17	4/ 6	24	4/ 6	24	4/16	32	11/ 6	30	11/ 9	25	11/15	24	12/15	20	12/16	13	268	266	223	217	204
MILLGAP 2 NNW	88	8/29	-1	1/31	3/24	14	3/24	14	4/ 7	22	4/16	27	5/ 5	31	10/ 6	30	10/12	27	11/ 6	24	11/ 9	20	12/15	14	266	230	213	179	154
MUSTOE 1 SW	84	9/22	-4	1/31	3/23	11	3/24	19	4/ 6	23	4/16	27	4/29	32	10/ 6	30	10/12	28	11/ 9	20	11/ 9	20	12/15	11	267	230	217	179	160
ROANOKE 8 N	90	8/20			2/ 3	9	3/24	18	3/24	18	4/ 7	32	11/10	31	11/26	28	12/15	21	12/16	20	12/20	7	321	267	266	247	217		
ROANOKE INTL AP R	91	8/20	8	12/20	1/31	11	2/16	19	3/23	21	3/23	21	3/24	32	11/10	32	11/26	28	12/15	21	12/19	12	12/19	12	323	307	267	248	231
STAUNTON SEWAGE PLANT	89	8/29	2	1/10	2/16	11	2/19	20	3/23	22	4/ 5	28	4/ 6	29	11/ 9	29	11/10	28	11/14	24	12/15	16	12/15	16	303	300	236	219	217
WAYNESBORO SEWAGE	89	8/ 5	1	1/10	2/18	16	3/23	19	3/23	19	4/ 6	26	4/16	32	11/ 6	30	11/ 9	27	11/27	24	12/15	20	12/17	16	303	267	249	217	204
SOUTHWESTERN MOUNTAIN 06																													
ABINGDON 3 S	87	9/23	2	12/21	3/23	16	3/24	20	3/24	20	4/ 7	25	5/ 4	31	11/ 6	30	11/ 9	28	11/26	23	12/15	20	12/16	14	268	266	247	216	186
BIG STONE GAP	90	8/ 3	1	12/20	2/ 1	8	3/23	19	3/24	21	4/ 6	28	4/28	31	10/17	31	11/26	25	12/14	24	12/16	17	12/20	1	323	268	265	234	172
BLACKSBURG NWSO	87	8/29	0	12/21	3/24	16	3/24	16	3/24	16	3/24	16	4/16	31	11/ 9	25	11/ 9	25	11/14	24	12/15	15	12/15	15	266	266	235	230	207
BLAND	85	8/29	-2	12/21	3/24	11	3/24	11	4/ 7	23	5/ 5	28	5/ 5	28	10/13	32	11/ 6	27	11/ 9	24	11/15	20	12/15	15	266	236	216	185	161
BREAKS INTERSTATE PARK	87	8/20	0	12/21	2/ 2	16	3/24	17	3/24	17	4/ 7	26	4/29	30	11/ 6	30	11/ 9	28	12/14	21	12/15	19	12/20	0	322	266	265	216	191
BURKES GARDEN					3/24	13	3/24	13	4/ 6	24	5/ 4	27	5/ 4	27	MSG		MSG		MSG		MSG		12/14	16	265				
CHRISTIANSBURG	88	8/ 2	-1	12/20	2/ 2	13	3/24	18	3/24	18	3/24	18	4/ 7	31	11/ 9	30	11/14	27	12/15	15	12/15	15	12/15	15	317	266	266	235	216
CLINTWOOD 1 W	86	7/11	-4	12/21	3/24	15	3/24	15	4/ 7	24	4/ 7	24	5/ 5	30	10/17	30	11/ 6	28	11/15	24									

VIRGINIA
2004

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

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.					
WYTHEVILLE 1 S	86	8/20	0	12/21	3/24	15	3/24	15	4/ 6	24	4/ 7	26	5/ 5	30	10/13	32	11/ 6	23	11/ 6	23	12/15	17	12/16	13	267	266	214	213	161

MONTHLY AND SEASONAL COOLING DEGREE DAYS

BASE = 65 DEGREES FAHRENHEIT

VIRGINIA
2004

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
VIRGINIA TIDEWATER 01														
BACK BAY WILDLIFE RFG	-	-	-	-	-	-	-	B 406	B 311	-	-	-	-	1506
EASTVILLE	0	0	-	30	239	273	428	330	211	20	5	0	-	
EMPORIA 1 WNW	1	0	8	51	248	284	432	320	215	31	9	0	1599	1298
FREDERICKSBURG SEWAGE	-	0	2	45	228	235	379	305	156	11	2	0	-	
HAMPTON UNIVERSITY	3	0	6	76	322	-	537	439	B 290	52	13	1	-	
HOLLAND 1 E	0	0	3	63	261	306	411	338	233	29	12	0	1656	1210
HOPEWELL	5	0	17	81	336	358	486	400	273	59	15	0	2030	1619
LANGLEY AIR FORCE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-	1432
NORFOLK INTL AP R	5	0	10	65	283	312	449	348	235	39	6	0	1752	1612
NORFOLK SOUTH	3	0	3	59	291	310	453	350	226	34	4	0	1733	
NORTH	0	0	0	39	225	222	371	B 308	191	18	2	0	B1376	
PAINTER 2 W	1	0	3	47	260	269	410	331	191	19	2	0	1533	1334
STONY CREEK 2 N	0	B 0	B 7	-	282	B 338	435	330	-	25	10	0	-	1409
SUFFOLK LAKE KILBY	2	0	1	56	255	-	574	418	-	-	4	0	-	1427
WAKEFIELD 1NW	2	0	7	59	277	286	414	313	192	27	3	0	1580	1356
WALKERTON 2 NW	1	0	2	65	268	266	385	320	192	25	1	0	1525	1254
WALLACETON LK DRUMMOND	-	-	-	-	-	-	364	239	154	18	7	0	-	
WARSAW 2 NW	1	0	7	63	278	272	400	329	179	18	8	0	1555	1282
WEST POINT 2 NW	2	0	8	60	297	290	420	336	199	31	3	0	1646	1446
WILLIAMSBURG 2 N	3	0	8	65	295	293	424	336	213	32	5	0	1674	1364
EASTERN PIEDMONT 02														
AMELIA 8 NE	2	0	4	55	222	239	355	271	127	14	6	0	1295	
ASHLAND	0	0	2	51	206	220	331	247	123	11	2	0	1193	1131
BREMO BLUFF	0	0	1	34	223	B 221	370	284	150	13	2	0	B1298	1111
CAMP PICKETT	0	0	4	45	204	245	359	266	153	17	2	0	1295	1158
CHASE CITY	0	0	5	41	211	247	337	238	123	7	2	0	1211	1316
CORBIN	0	0	-	-	212	263	350	286	142	10	4	0	-	1155
CROZIER	3	0	2	56	218	234	350	282	143	19	3	0	1310	1193
FARMVILLE 2 N	0	0	0	49	210	237	352	265	136	17	5	0	1271	1218
GREENBAY 3 NE	-	-	-	-	234	242	-	256	-	18	7	0	-	
JOHN H KERR DAM	0	0	11	60	307	331	472	369	226	36	19	0	1831	1383
LAWRENCEVILLE 3 E	0	0	4	30	186	222	351	222	123	13	6	0	1157	1127
LOUISA	1	0	0	41	213	223	339	268	132	11	0	0	1228	854
MONTPELIER	-	-	-	B 43	B 141	-	328	258	122	15	0	0	-	
PALMYRA 3S	1	0	-	B 29	B 79	178	277	208	94	10	0	0	-	
PETERSBURG	B 1	0	6	B 56	252	294	433	321	192	19	5	0	B1579	
RICHMOND INTL AP R	0	0	3	66	284	293	433	336	210	36	5	0	1666	1435
SANDSTON	1	0	0	61	243	263	380	320	163	17	2	0	1450	
WESTERN PIEDMONT 03														
APPOMATTOX	B 0	0	0	B 49	B 199	212	335	250	135	15	7	-	-	1052
BEDFORD	0	0	0	34	155	174	311	205	106	7	4	0	996	1021
BROOKNEAL	0	0	0	1	68	95	185	105	26	0	0	0	480	1015
CHARLOTTE COURT HOUSE	0	0	6	40	210	249	303	B 228	121	3	1	0	B1161	1146
CHARLOTTESVILLE 2 W	0	0	2	61	193	217	342	278	155	10	5	0	1263	1212
CHATHAM	0	0	0	23	154	198	302	199	97	2	2	0	977	971
DANVILLE	0	0	6	50	249	306	428	301	175	19	11	0	1545	1418
DANVILLE REGIONAL AP R	-	-	-	-	-	-	-	256	145	22	9	0	-	
LYNCHBURG NO 2	0	0	0	18	160	175	284	196	90	7	0	0	930	
LYNCHBURG INTL AP R	0	0	0	29	168	195	317	217	104	11	0	0	1041	1075
MARTINSVILLE FLTR PLT	0	0	0	8	140	196	314	203	90	5	1	0	957	921
MONTICELLO	0	0	0	48	138	162	261	182	69	2	0	0	862	991
PHILPOTT DAM 2	0	0	4	40	188	233	376	265	149	5	7	0	1267	1112
ROCKY MOUNT	0	B 0	0	16	B 161	196	298	191	69	B 4	1	0	B 936	984
SOUTH BOSTON	0	0	5	38	192	223	361	255	137	14	7	0	1232	1159
STUART	0	0	2	33	181	212	313	233	134	11	7	0	1126	967
TYE RIVER 1 SE	0	0	0	41	181	208	322	245	150	16	5	0	1168	976
NORTHERN 04														
BOSTON 4 SE	0	0	0	29	156	160	268	191	98	8	0	0	910	

Heating Degree Days data found in July issue of Climatological Data

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHRENHEIT

VIRGINIA
2004

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
EDINBURG	0	0	0	15	122	136	253	192	73	3	0	0	794	
FRONT ROYAL	0	0	0	28	180	187	322	251	92	B 1	0	0	B1061	
LINCOLN	0	0	0	18	155	162	296	-	78	0	0	0	-	911
MADISON	B 0	-	B 0	-	B 246	B 256	-	B 304	B 132	-	-	B 0	-	
MANASSAS	-	-	-	-	210	213	-	-	138	-	-	B 0	-	
MOUNT WEATHER	0	B 0	B 0	15	B 103	127	-	B 181	53	0	B 0	-	-	625
PIEDMONT RESEARCH STN	0	0	2	44	190	195	312	256	134	11	3	0	1147	1042
SOMERSET	0	0	1	38	173	190	307	235	110	8	0	0	1062	
SPERRYVILLE	0	0	0	26	B 178	166	299	222	115	2	0	0	B1008	
STAR TANNERY	0	0	3	30	123	124	239	214	67	0	0	0	800	
STERLING RCS	0	0	0	31	167	155	291	249	102	0	0	0	995	824
VIENNA	0	0	0	B 41	156	152	294	237	104	0	0	0	B 984	
WARRENTON 3 SE	0	0	1	36	-	152	280	B 217	100	B 1	B 0	-	-	956
WASHINGTON DULLES INTL R	0	0	0	37	203	197	344	278	133	9	0	0	1201	1075
WASHINGTON REAGAN NTL R	0	0	0	45	250	262	426	345	213	8	0	0	1549	1531
WINCHESTER	0	0	0	32	154	181	320	242	94	0	0	0	1023	907
WINCHESTER 7 SE	0	0	0	22	148	149	275	230	86	0	0	0	910	855
WOODSTOCK 2 NE	0	0	2	21	148	155	265	232	91	2	0	0	916	848
CENTRAL MOUNTAIN 05														
BUCHANAN	0	0	10	B 39	190	211	329	232	131	5	3	0	B1150	1172
BUENA VISTA	0	0	1	39	259	288	421	340	199	26	5	0	1578	
COVINGTON FILTER PLANT	0	0	0	29	157	160	288	214	122	5	4	0	979	846
DALE ENTERPRISE	0	0	0	3	129	129	232	156	56	3	0	0	708	758
GATHRIGHT DAM	0	0	0	16	98	104	201	149	55	1	2	0	626	679
HOT SPRINGS	0	0	0	7	81	77	162	115	16	1	0	0	459	579
LEXINGTON	-	0	0	49	264	288	424	328	180	13	2	0	-	881
MILLGAP 2 NNW	0	0	0	0	31	44	86	74	7	0	0	0	242	
MUSTOE 1 SW	0	0	0	0	27	49	92	56	7	0	0	0	231	
ROANOKE 8 N	-	0	0	27	162	182	324	222	122	7	6	0	-	
ROANOKE INTL AP R	0	0	3	44	211	224	365	271	142	14	6	0	1280	1134
STAUNTON SEWAGE PLANT	0	0	0	20	131	125	234	171	69	4	2	0	756	622
WAYNESBORO SEWAGE	0	0	0	13	130	121	242	170	65	2	0	0	743	
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3 S	0	0	0	11	111	159	232	169	96	2	3	0	783	736
BIG STONE GAP	0	0	0	8	137	184	271	209	129	11	2	0	951	937
BLACKSBURG NWSO R	0	0	0	4	83	100	185	133	34	1	1	0	541	533
BLAND	0	0	0	3	41	74	138	94	20	0	0	0	370	400
BREAKS INTERSTATE PARK	0	0	0	18	97	118	195	150	68	2	3	0	651	
BURKES GARDEN	0	0	0	1	26	54	97	53	7	-	0	0	-	225
CHRISTIANSBURG	0	0	0	11	94	110	214	146	42	3	6	0	626	
CLINTWOOD 1 W	0	0	0	2	60	95	163	116	41	1	0	0	478	
FLOYD 2 NE	-	0	0	0	40	76	204	123	32	3	0	0	-	369
GALAX RADIO WBRF	0	0	0	8	60	95	183	120	29	0	1	0	496	410
GRUNDY	0	0	B 0	11	117	134	232	177	82	3	1	0	B 757	1035
JOHN W FLANNAGAN LAKE	-	-	B 0	B 3	B 107	131	220	169	97	0	B 1	B 0	-	
LEBANON	0	0	0	5	87	131	187	149	71	4	4	0	638	631
NORTH FORK LAKE	-	-	B 0	B 5	-	-	-	-	-	-	-	-	-	
PENNINGTON GAP	0	0	0	7	114	175	263	189	102	8	2	0	860	828
PULASKI	0	0	0	6	76	110	185	126	28	4	0	0	535	574
RICHLANDS	0	0	0	3	77	105	172	133	63	0	0	0	553	622
SALTVILLE 1 N	0	0	0	10	120	143	227	173	84	4	1	0	762	734
STAFFORDSVILLE 3 ENE	0	0	0	7	74	97	186	131	39	0	1	0	535	564
WISE 3E	0	B 0	B 0	8	63	90	B 187	B 124	B 60	2	2	0	B 536	605
WYTHEVILLE 1 S	0	0	0	6	53	82	165	93	26	0	0	0	425	503

VIRGINIA
2004

TOTAL EVAPORATION AND WIND MOVEMENT

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
VIRGINIA TIDEWATER HOLLAND 1 E	01	WIND	-	-	-	-	-	-	-	-	-	-	-	-
		EVAP	-	-	-	6.61	6.17	8.06	6.36	4.79	-	-	-	-
		MAX TEMP	-	-	-	M 90.7	M 91.7	95.3	92.0	86.5	-	-	-	M -
		MIN TEMP	-	-	-	M 63.2	M 68.0	72.2	69.3	66.1	-	-	-	M -
EASTERN PIEDMONT JOHN H KERR DAM	02	WIND	-	-	-	1290	940	945	1202	1151	1056	-	-	-
		EVAP	-	-	-	5.12	5.40	4.70	5.24	3.22	2.62	-	-	-
		MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-
		MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN PIEDMONT PHILPOTT DAM 2	03	WIND	-	-	-	B 727	385	B 222	B 252	-	-	-	-	-
		EVAP	-	-	-	3.98	5.26	4.02	14.50	-	-	-	-	-
		MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-
		MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN PIEDMONT RESEARCH STN	04	WIND	-	-	2523	1951	1479	1085	1009	940	913	918	B 1136	-
		EVAP	-	-	-	5.54	7.23	6.37	7.26	5.84	4.03	2.68	2.59	-
		MAX TEMP	-	-	M -	64.4	81.9	83.4	87.2	85.3	78.3	64.8	M 55.6	-
		MIN TEMP	-	-	M -	42.5	56.7	60.2	64.2	62.2	57.3	46.0	M 40.2	-
CENTRAL MOUNTAIN GATHRIGHT DAM	05	WIND	-	-	-	-	-	-	-	-	-	-	-	-
		EVAP	-	-	-	-	-	-	-	-	-	-	-	-
		MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-
		MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-

VIRGINIA
2004

STATION INDEX

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	37	37	0	SEPT		H
ALBERTA 5N	0079	02	BRUNSWICK	36 56	77 54W	376	0	1	0			H
ALTAVISTA	0166	03	CAMPBELL	37 4	79 10W	515	0	55	0			C H
AMELIA 8 NE	0188	02	AMELIA	37 26	77 53W	90	2	2	0			H
APPOMATTOX	0243	03	APPOMATTOX	37 21	78 50W	910	44	67	0			H
ASHLAND	0327	02	HANOVER	37 45	77 29W	220	93	93	0			H
BACK BAY WILDLIFE RFG	0385	01	VIRGINIA BEA	36 40	75 55W	10	53	53	0			H
BEDFORD	0551	03	BEDFORD	37 21	79 31W	975	77	91	0			H
BEDFORD 4 NW	0561	03	BEDFORD	37 23	79 34W	1220	0	2	0			C H
BIG STONE GAP	0735	06	WISE	36 52	82 46W	1464	16	16	0			H
BLACKSBURG NWSO	0766	06	MONTGOMERY	37 12	80 25W	2100	53	53	0		C H	
BLAND	0792	06	BLAND	37 6	81 7W	2000	15	55	0		H	
BOSTON 4 SE	0860	04	CULPEPER	38 33	78 6W	590	7	7	0		H	
BREAKS INTERSTATE PARK	0982	06	DICKENSON	37 17	82 18W	1893	6	6	0		H	
BREMO BLUFF	0993	02	FLUVANNA	37 43	78 17W	225	20	65	0		C H	
BROOKNEAL	1082	03	CAMPBELL	37 4	78 57W	428	20	46	0		H	
BROWNSBURG 2 W	1099	05	ROCKBRIDGE	37 56	79 21W	1250	0	1	0		H	
BUCHANAN	1121	05	BOTETOURT	37 32	79 41W	865	84	101	0		H	
BUCKINGHAM	1136	02	BUCKINGHAM	37 33	78 31W	552	0	70	0		H	
BUENA VISTA	1159	05	ROCKBRIDGE	37 44	79 22W	830	6	67	0		H	
BURKES GARDEN	1209	06	TAZEWELL	37 6	81 20W	3300	108	110	0		H	
BYLLESBY DAM	1259	06	CARROLL	36 47	80 56W	2555	0	40	0		H	
CAMP PICKETT	1322	02	NOTTOWAY	37 2	77 57W	330	34	34	0		C H	
CHARLOTTE COURT HOUSE	1585	03	CHARLOTTE	37 2	78 23W	590	58	58	0		H	
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	38 2	78 31W	870	102	129	0		H	
CHASE CITY	1606	02	MECKLENBURG	36 48	78 28W	510	58	58	0		H	
CHATHAM	1614	03	PITTSYLVANIA	36 49	79 25W	640	82	82	0		C H	
CHRISTIANSBURG	1692	06	MONTGOMERY	37 8	80 24W	2100	10	10	0		H	
CLARKSVILLE	1746	02	MECKLENBURG	36 37	78 34W	310	0	114	0		H	
CLINTWOOD 1 W	1825	06	DICKENSON	37 9	82 29W	1780	12	12	0		H	
CONCORD 4 SSW	1955	03	CAMPBELL	37 17	78 58W	640	0	56	0		H	
COPPER HILL	1999	06	FLOYD	37 5	80 9W	2690	0	64	0		H	
CORBIN	2009	02	CAROLINE	38 12	77 22W	220	47	47	0		H	
COVINGTON FILTER PLANT	2044	05	ALLEGHANY	37 49	79 59W	1230	45	45	0		C H	
CRAIGSVILLE 2 S	2064	05	AUGUSTA	38 4	79 24W	1780	0	43	0		H	
CROZIER	2142	02	GOOCHLAND	37 40	77 53W	350	30	67	0		H	
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56W	1400	123	125	0		C H	
DANVILLE	2245	03	PITTSYLVANIA	36 35	79 23W	410	88	115	0		H	
DANVILLE REGIONAL AP	2250	03	PITTSYLVANIA	36 34	79 20W	571	1	1	0		C HJ	
EARLEHURST	2600	05	ALLEGHANY	37 40	80 15W	2037	0	30	0		H	
EASTVILLE	2635	01	NORTHAMPTON	37 23	75 58W	10	4	4	0		H	
EDINBURG	2663	04	SHENANDOAH	38 49	78 34W	840	9	9	0		H	
EMPORIA 1 WNW	2790	01	GREENSVILLE	36 42	77 34W	100	23	75	0		H	
FARMVILLE 2 N	2941	02	CUMBERLAND	37 20	78 23W	450	84	86	0		H	
FINCASTLE 7 NE	3006	05	BOTETOURT	37 33	79 48W	1305	0	2	0		H	
FLOYD 2 NE	3071	06	FLOYD	36 56	80 17W	2625	73	73	0		H	
FREDERICKSBURG SEWAGE	3204	01	FREDERICKSBU	38 17	77 27W	15	11	11	0		H	
FREE UNION	3213	03	ALBEMARLE	38 6	78 35W	570	0	51	0		H	
FRONT ROYAL	3229	04	WARREN	38 54	78 11W	930	10	10	0		H	
GALAX RADIO WBRF	3267	06	CARROLL	36 40	80 55W	2385	51	62	0		H	
GATHRIGHT DAM	3310	05	ALLEGHANY	37 57	79 57W	1770	27	27	27		C H	
GLASGOW 1 SE	3375	05	ROCKBRIDGE	37 37	79 26W	740	0	39	0		H	
GLEN LYN	3397	06	GILES	37 22	80 52W	1520	48	92	0		H	
GOSHEN	3470	05	ROCKBRIDGE	37 59	79 30W	1350	0	66	0		H	
GREENBAY 3 NE	3565	02	PRINCE EDWAR	37 11	78 17W	500	1	1	0	OCT	H	
GRUNDY	3640	06	BUCHANAN	37 17	82 5W	1170	45	55	0		H	

VIRGINIA
2004

STATION INDEX

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	
HAMPTON UNIVERSITY	3713	01	HAMPTON	37 1	76 20W	10	3	3	0			H
HILLSVILLE	3991	06	CARROLL	36 48	80 47W	2585	0	63	0			H
HOLCOMB ROCK	4039	03	BEDFORD	37 30	79 16W	575	7	36	0			H
HOLLAND 1 E	4044	01	SUFFOLK	36 41	76 46W	80	73	73	17		SEPT	H
HOLLIDAY LAKE	4046	03	APPOMATTOX	37 24	78 38W	480	0	2	0			H
HOPEWELL	4101	01	PRINCE GEORG	37 18	77 17W	40	113	118	0			H
HOT SPRINGS	4128	05	BATH	38 0	79 50W	2236	108	110	0			C H
HUDDLESTON 4 SW	4148	03	BEDFORD	37 8	79 32W	1045	0	56	0			H
HURLEY 4 S	4180	06	BUCHANAN	37 22	82 3W	1088	0	6	0			C H
JOHN W FLANNAGAN LAKE	4410	06	DICKENSON	37 14	82 21W	1460	6	37	0			H
JOHN H KERR DAM	4414	02	MECKLENBURG	36 36	78 18W	250	57	57	54			C H
KERRS CREEK 6 WNW	4565	05	ROCKBRIDGE	37 52	79 34W	1500	0	44	0			H
KEYSVILLE 2 S	4568	02	CHARLOTTE	37 1	78 28W	530	0	27	0			H
LAFAYETTE 1 NE	4676	06	MONTGOMERY	37 14	80 12W	1320	0	55	0			H
LANGLEY AIR FORCE BASE	4720	01	HAMPTON	37 5	76 21W	10	120	169	0			H
LAWRENCEVILLE 3 E	4768	02	BRUNSWICK	36 46	77 48W	325	60	60	0			H
LEBANON	4777	06	RUSSELL	36 54	82 2W	1912	17	17	0			H
LEXINGTON	4876	05	ROCKBRIDGE	37 48	79 25W	1125	127	134	0			H
LINCOLN	4909	04	LOUDOUN	39 5	77 42W	500	104	105	0			H
LOUISA	5050	02	LOUISA	38 3	78 0W	420	90	90	0			H
LURAY 5 E	5096	04	PAGE	38 40	78 22W	1400	63	64	0			H
LYNCHBURG NO 2	5117	03	CAMPBELL	37 23	79 14W	740	7	7	0			H
LYNCHBURG INTL AP	5120	03	CAMPBELL	37 19	79 12W	940	134	134	0			C HJ
MADISON	5150	04	MADISON	38 23	78 15W	580	6	6	0			H
MANASSAS	5204	04	MANASSAS	38 44	77 30W	245	1	1	0	FEB		H
MARTINSVILLE FLTR PLT	5300	03	HENRY	36 42	79 52W	760	66	74	0			H
MEADOWS OF DAN 5 SW	5453	03	PATRICK	36 40	80 27W	2225	0	56	0			H
MILLGAP 2 NNW	5595	05	HIGHLAND	38 21	79 44W	2520	7	30	0			C H
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	758	24	24	0			H
MOUNTAIN GROVE	5756	05	BATH	38 6	79 53W	1775	0	24	0			H
MONTPELIER	5833	02	HANOVER	37 52	77 38W	250	1	1	0	MAR		H
MOUNT WEATHER	5851	04	LOUDOUN	39 4	77 53W	1720	101	102	0			H
MUSTOE 1 SW	5880	05	HIGHLAND	38 20	79 40W	2380	11	11	0			C H
NEWPORT 2 NNW	6046	06	GILES	37 18	80 30W	2060	0	60	0			H
NORFOLK INTL AP	6139	01	NORFOLK	36 54	76 12W	30	60	60	0			C HJ
NORFOLK SOUTH	6147	01	NORFOLK	36 52	76 14W	100	2	2	0			H
NORTH	6161	01	MATHEWS	37 26	76 26W	10	3	3	0			H
NORTH FORK LAKE	6173	06	WISE	37 7	82 38W	1675	7	37	0			H
PAINTER 2 W	6475	01	ACCOMACK	37 35	75 49W	30	50	50	0			C H
PALMYRA 3S	6491	02	FLUVANNA	37 49	78 16W	410	11	49	0			H
PEDLAR DAM	6593	03	AMHERST	37 40	79 17W	1010	0	67	0			H
PENNINGTON GAP	6626	06	LEE	36 44	83 0W	1470	71	71	0			H
PETERSBURG	6656	02	PETERSBURG	37 14	77 24W	15	2	10	0			H
PHILPOTT DAM 2	6692	03	HENRY	36 47	80 2W	1123	53	53	53			C H
PIEDMONT RESEARCH STN	6712	04	ORANGE	38 14	78 7W	520	58	59	33			H
POWHATAN	6906	02	POWHATAN	37 31	77 53W	400	0	46	0			H
PULASKI	6955	06	PULASKI	37 3	80 47W	1850	45	45	0			C H
RICHLANDS	7174	06	TAZEWELL	37 6	81 48W	1910	17	17	0			H
RICHMOND INTL AP	7201	02	HENRICO	37 30	77 19W	164	68	68	0			C HJ
ROANOKE 8 N	7278	05	ROANOKE	37 22	79 58W	1190	7	7	0			H
ROANOKE INTL AP	7285	05	ROANOKE	37 19	79 58W	1175	71	73	0			C HJ
ROCKY MOUNT	7338	03	FRANKLIN	36 59	79 54W	1315	112	112	0			C H
SALTVILLE 1 N	7506	06	SMYTH	36 53	81 46W	1733	72	74	0			H
SANDSTON	7541	02	HENRICO	37 33	77 17W	165	3	3	0			H
SOMERSET	7904	04	ORANGE	38 15	78 16W	510	10	38	0			H
SOUTH BOSTON	7925	03	HALIFAX	36 42	78 53W	340	50	50	0			H
SPERRYVILLE	7985	04	RAPPAHANNOCK	38 39	78 14W	750	10	10	0			H

VIRGINIA
2004

STATION INDEX

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	8022	06	GILES	37 16	80 43W	1950	36	54	0			C H
STAR TANNERY	8046	04	FREDERICK	39 5	78 27W	950	11	11	0			C H
STAUNTON SEWAGE PLANT	8062	05	AUGUSTA	38 11	79 5W	1640	113	119	0			C H
STERLING RCS	8084	04	LOUDOUN	38 59	77 29W	280	29	29	0			H
STONY CREEK 2 N	8129	01	SUSSEX	36 58	77 24W	105	46	46	0			H
STUART	8170	03	PATRICK	36 38	80 15W	1375	46	46	0			H
SUFFOLK LAKE KILBY	8192	01	SUFFOLK	36 44	76 36W	22	59	59	0			H
THE PLAINS 2 NNE	8396	04	FAUQUIER	38 54	77 45W	530	0	60	0			C H
TROUT DALE 3 SSE	8547	06	GRAYSON	36 40	81 24W	2820	0	70	0			C H
TYE RIVER 1 SE	8600	03	NELSON	37 38	78 56W	720	43	67	0			H
VIENNA	8737	04	FAIRFAX	38 54	77 16W	418	10	57	0			H
WAKEFIELD 1NW	8800	01	SUSSEX	36 59	77 0W	200	31	31	0			C H
WALKERTON 2 NW	8829	01	KING AND QUE	37 45	77 3W	50	72	73	0			H
WALLACETON LK DRUMMOND	8837	01	CHESAPEAKE	36 36	76 26W	20	1	79	0			H
WARRENTON 3 SE	8888	04	FAUQUIER	38 41	77 46W	500	53	53	0			H
WARSAW 2 NW	8894	01	RICHMOND	37 59	76 47W	140	55	55	0			H
WASHINGTON DULLES INTL R	8903	04	LOUDOUN	38 56	77 29W	290	44	44	0			C HJ
WASHINGTON REAGAN NTL R	8906	04	ARLINGTON	38 51	77 2W	10	65	65	0			C HJ
WAYNESBORO SEWAGE	8941	05	WAYNESBORO	38 5	78 53W	1280	5	5	0			H
WEST POINT 2 NW	9025	01	KING WILLIAM	37 34	76 48W	20	52	52	0			H
WILLIAMSBURG 2 N	9151	01	YORK	37 18	76 42W	70	55	60	0			C H
WILLIS	9169	06	FLOYD	36 55	80 30W	2810	0	26	0			C H
WINCHESTER	9181	04	FREDERICK	39 11	78 9W	720	24	24	0			H
WINCHESTER 7 SE	9186	04	FREDERICK	39 11	78 7W	680	100	99	0			H
WINTERPOCK 4 W	9213	02	CHESTERFIELD	37 19	77 39W	300	0	27	0			H
WISE 3E	9215	06	WISE	37 0	82 32W	2549	51	51	0			C H
WOODSTOCK 2 NE	9263	04	SHENANDOAH	38 54	78 29W	680	107	113	0			H
WOOLWINE 4 S	9272	03	PATRICK	36 47	80 16W	1520	0	55	0			C H
WYTHEVILLE 1 S	9301	06	WYTHE	36 56	81 6W	2450	102	132	0			C H

REFERENCE NOTES

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 (i.e. not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 2002, the averaging period is 1971 to 2000. 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 whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

SOIL TEMPERATURE EXTREMES: The highest and lowest Max and Min temperature for each month and the year.

WIND: (As shown in the "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 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 (e.g., Z14.6 = M-14.6, Z08.2 = M108.2)

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- # Thermometers located in 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 the Ground" table in monthly "Climatological Data" publication.
- 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.

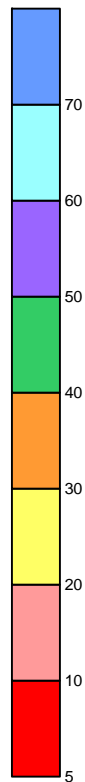
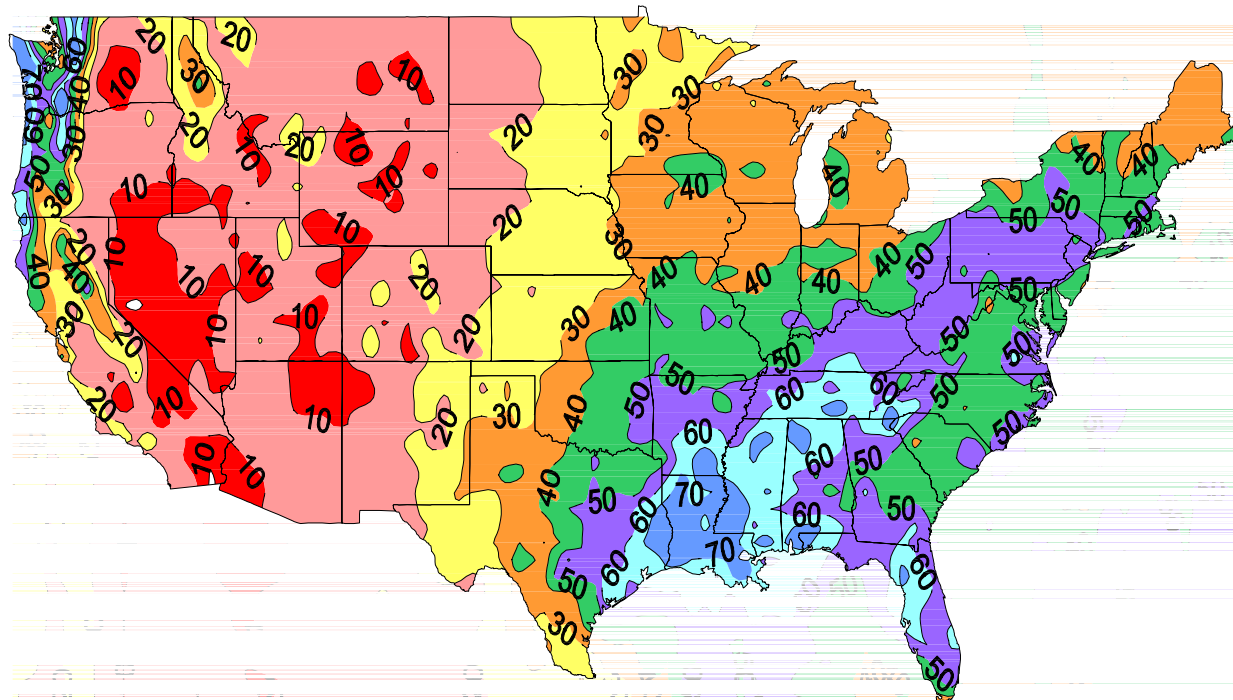
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Similar historical information of regular National Weather Service Offices is available from the "Local Climatological Data" annual bulletin.

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. The data are also available in digital form on magnetic tape and diskette.

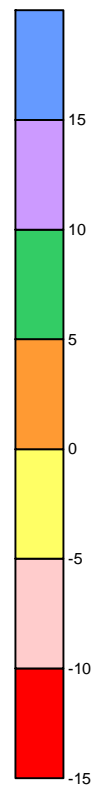
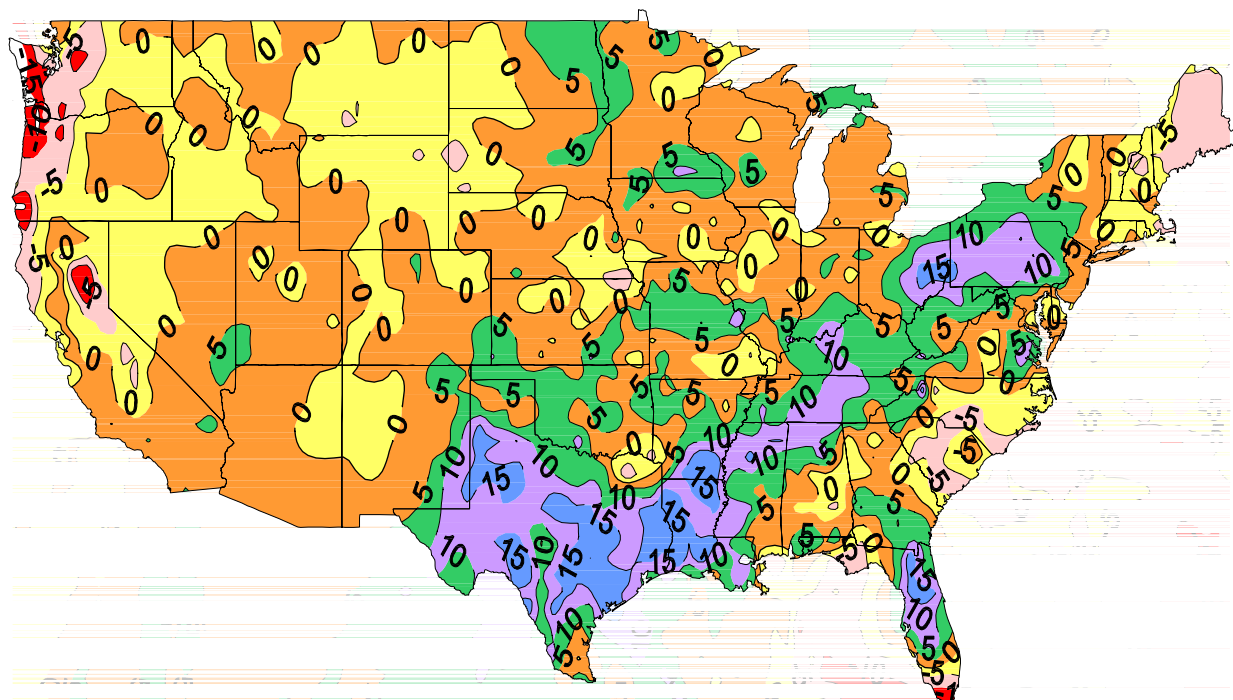
SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

Total Precipitation (Inches) Annual COOP 2004

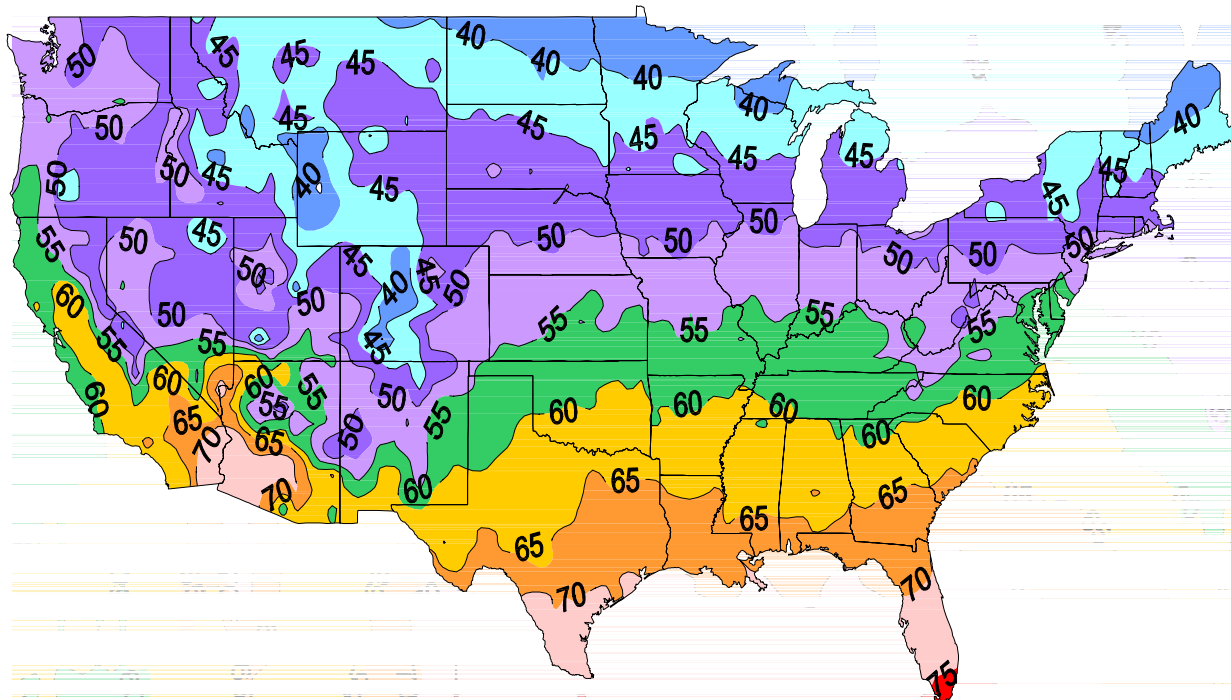


Departure from Normal Precipitation Annual COOP 2004

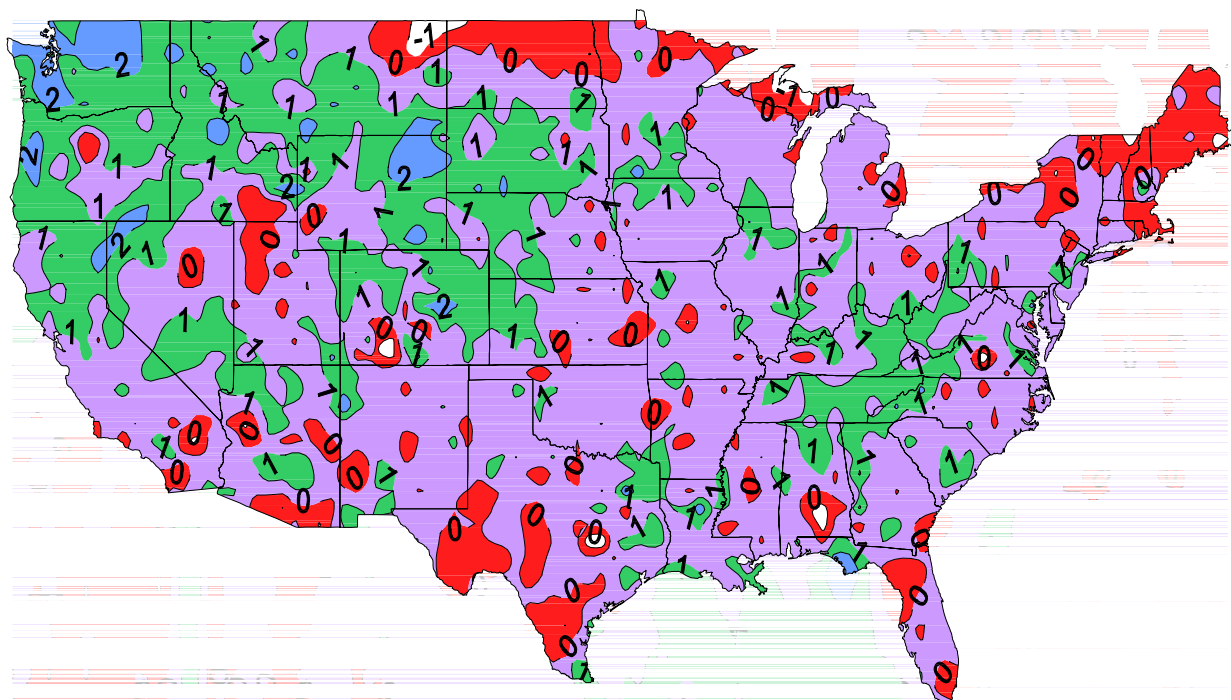


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

Average Temperature (Degrees F)
Annual COOP 2004



Departure of Average Temperature from Normal (Degrees F)
Annual COOP 2004



NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

40.60

40.00

44 - VIRGINIA AND D.C.

39.40

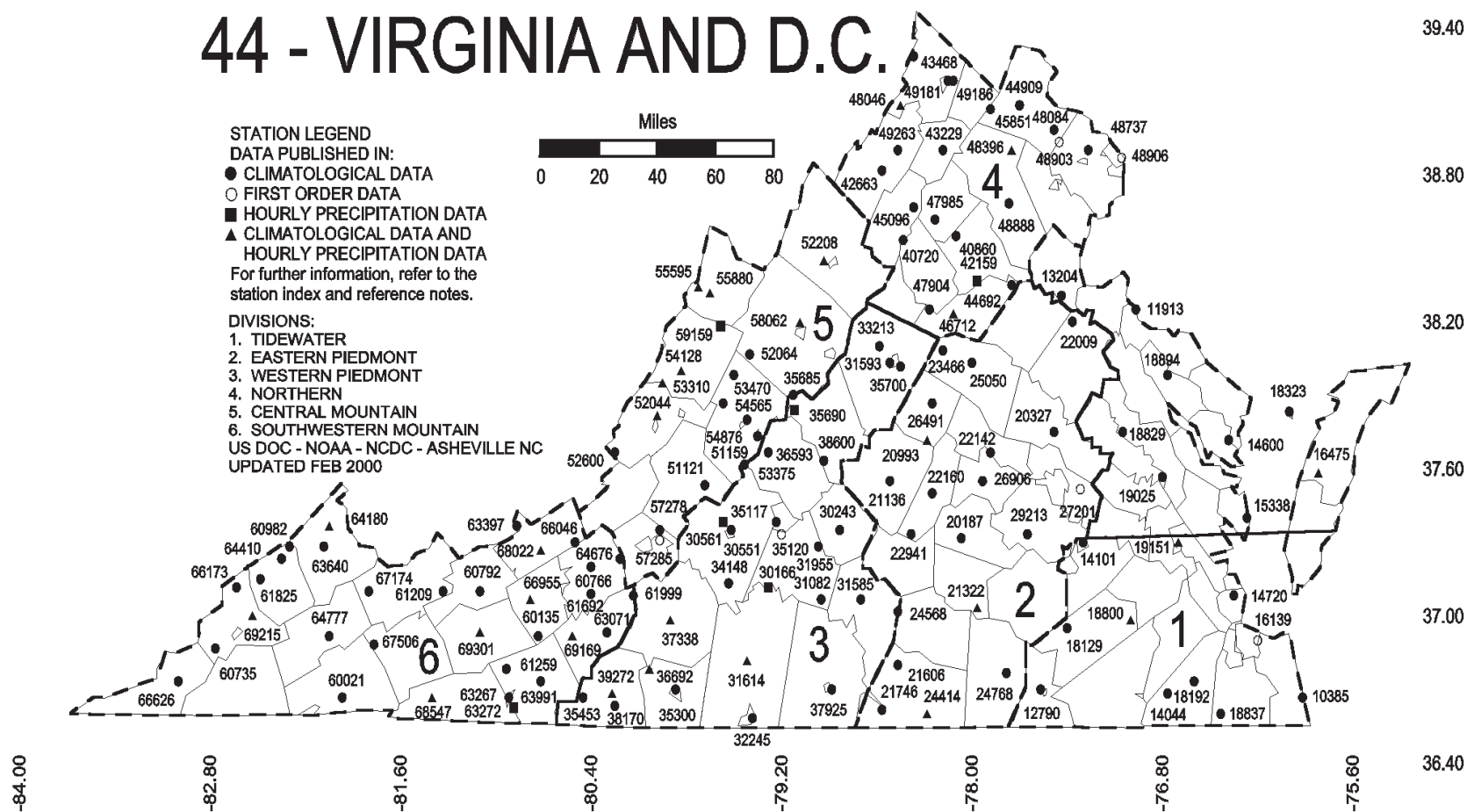
38.80

38.20

37.60

37.00

36.40



To change your address, please return a copy of the mailing label along with your new address to: National Climatic Data Center (Subscription Services).

Inquiries/Comments Call: (866) 742-3322 (Toll Free)
(828) 271-4010 (TDD)
(304) 726-4409 (Fax)

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
ADDRESS CORRECTION REQUESTED

<p>PRSRT STD POSTAGE & FEES PAID United States Department of Commerce NOAA Permit No. G-19</p>
--