

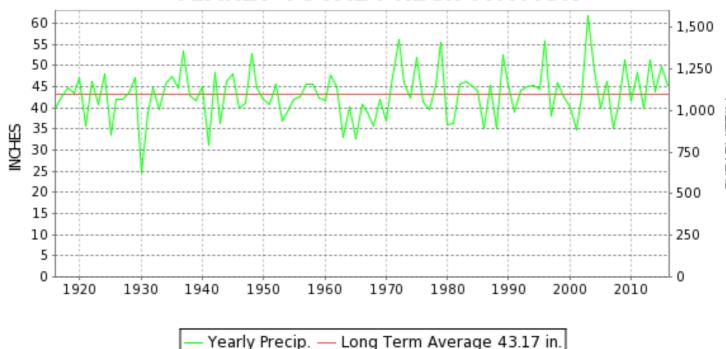
CLIMATOLOGICAL DATA ANNUAL SUMMARY VIRGINIA



2016

VOLUME 126 NUMBER 13 ISSN 0364-5630 GHCND Ver: 3.22-upd-2017062005

YEARLY TOTAL PRECIPITATION



VIRGINIA PRECIPITATION 1916-2016

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DIRECTOR

hom R. Karl

National Centers For Environmental Information

STATION	JA	AN	FI	EΒ	MA	AR.	AP	PR	M	AY	JU	N
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
VIRGINIA												
TIDEWATER 01												
DISPUTANTA	2.21	-1.41	6.65	3.56	2.37	-1.89	2.07	-1.54	7.60	3.68	7.00	3.40
EASTVILLE	M	1	M	3.50	M	1.07	M	1.51	7.00 M	3.00	M	3.10
EMPORIA 1 WNW	2.37	-1.14	5.14	2.27	2.12	-1.95	3.11	-0.49	M 3.17	-0.65	M 6.49	3.04
FREDERICKSBURG SEWAGE	3.39	0.49	3.01	0.50	M 0.84	-3.15	M 1.52	-1.83	M 8.49	4.41	M 4.19	0.22
HOLLAND 1 E	2.18	-1.63	5.66	2.42	3.97	-0.01	1.92	-1.52	6.33	2.41	2.75	-0.96
HOPEWELL	M 2.23	-1.24	M 6.08	2.90	1.25	-2.82	2.56	-1.20	9.79	5.96	5.67	2.32
NORFOLK INTL AP	4.62	1.22	6.25	3.13	3.46	-0.22	2.78	-0.63	5.12	1.71	5.06	0.80
NORFOLK S	4.90	1.19	6.43	3.27	3.94	-0.08	2.71	-0.90	4.74	0.89	5.63	1.16
NORTH	3.03	-0.62	5.35	2.32	2.28	-1.74	2.71	-1.30	10.34	6.13	3.57	-0.63
PAINTER 2W	4.54	1.07	5.56	2.55	2.63	-1.74	1.95	-1.32	7.19	3.87	4.73	0.79
STONY CREEK 2 N	2.37	-1.26	6.45	3.38	3.96	-0.33	1.93	-1.57	7.19	3.14	4.73	0.79
SUFFOLK LAKE KILBY	3.52	-0.11	6.01	2.78	3.28	-0.77	2.76	-0.79	8.09	4.26	3.99	-0.38
WAKEFIELD INW	2.98	-0.72	5.44	2.52	1.92	-2.26	2.29	-1.42	6.91	2.80	6.84	2.85
WALKERTON 2 NW	2.13	-1.05	6.04	3.13	0.97	-3.14	2.36	-0.77	10.29	6.39	5.14	1.79
WALLACETON LK DRUMMOND	5.01	-1.03	M 6.53	3.13	3.94	-3.14	3.95	-0.77	M 5.38	0.39	5.63	1.79
WALLOPS ISLAND NASA TEST FACIL	2.62	-0.42	4.56	1.80	1.87	-2.13	1.68	-1.39	8.11	5.16	6.49	3.20
WARSAW 2 NW	FA 1.23	-1.85	5.08	2.38	0.75	-3.23	2.46	-0.67	9.07	4.92	3.73	0.18
WEST POINT 2 NW	3.16	-0.46	4.86	1.89	1.43	-3.23 -2.65	2.40	-0.83	9.63	5.73	3.73 4.77	1.03
WEST FOINT 2 NW WILLIAMSBURG 2 N	3.10	-0.40	4.80	1.73	2.33	-2.03	3.03	-0.67	10.17	6.16	4.77	1.63
DIVISIONAL DATA>	3.31	-0.39	5.46	2.18	2.50	-2.01	2.51	-0.70	8.06	4.04	5.04	1.56
	3.27	0.70	5.40	2.10	2.30	1.00	2.31	0.70	0.00	7.07	3.04	1.50
EASTERN PIEDMONT 02 ALBERTA 5N	2.46		£ 22		1.43		1.85		7.32		4.67	
- '		0.12	5.33	1.02		1.51		0.05	7.32 9.47	5.62		0.07
AMELIA COURTHOUSE 1	M 3.46	0.13	4.93	1.93	M 2.68	-1.51	3.24	0.05		5.63	3.48	
ASHLAND	3.54	0.29	3.95	0.95	1.02	-2.93	3.78	0.45	11.13	7.10	4.15	0.53
BREMO BLUFF	M 3.17	0.09	3.36	0.57	2.17	-1.80	1.95	-1.21	7.15	3.18	3.05	-0.45
BUCKINGHAM	3.17	1 40	M 4.92	2.02	3.42	2.01	3.25	2.22	7.35	2.06	4.45	0.71
CAMP PICKETT	2.25	-1.42	M 6.20	3.02	1.37	-2.91	1.27	-2.33	8.09	3.86	3.22	-0.71
CHASE CITY	1.83	-1.63	5.79	2.98	1.36	-2.97	2.37	-1.56	10.38	6.42	5.69	2.08
CLARKSVILLE	1.45	-1.83	5.48	2.63	2.57	-1.36	M 2.74	-0.55	8.02	3.91	6.39	2.20
CORBIN	3.11	-0.03	3.23	0.17	1.40	-2.62	2.12	-1.13	9.59	5.63	4.42	0.70
CROZIER	3.50	0.30	4.85	2.01	M 1.55	-2.09	2.38	-1.03	8.86	4.67	M 3.35	-0.23
FARMVILLE 2 N	2.00	-1.47	3.45	0.36	2.04	-2.22	2.10	-1.17	8.10	4.10	3.54	0.26
GREENBAY 3 NE	M	0.72	M	2.74	M	0.72	M	0.15	M	2.52	M	2.20
JOHN H KERR DAM	2.57	-0.72	5.51	2.76	3.48	-0.72	3.15	-0.15	7.10	3.52	5.73	2.20
KEYSVILLE 2 S	3.04	0.01	3.40	0.00	2.22	2 4 5	3.03	1.70	8.24	2.77	4.71	0.05
LOUISA	3.05	-0.01	3.14	0.22	1.35	-2.45	1.54	-1.70	6.91	2.77	3.37	-0.25
PALMYRA 3S	3.57	0.69	4.40	1.60	1.90	-1.81	2.50	-0.53	5.48	1.78	3.00	-0.65
PETERSBURG	2.66	-0.60	5.31	2.63	1.43	-2.71	2.40	-0.83	8.86	5.00	M 3.90	0.29
RICHMOND INTL AP	3.30	0.26	4.35	1.59	1.02	-3.02	2.17	-1.10	9.79	6.01	7.81	3.88
SANDSTON	4.41	1.04	M		M		M		M		M	
WINTERPOCK 4 W	3.08		4.17		1.72		2.57		9.88		4.58	l
DIVISIONAL DATA>	2.88	-0.96	4.42	1.23	1.87	-2.29	2.45	-0.88	8.43	4.30	4.52	0.94
WESTERN PIEDMONT 03												

STATION	Л	JL	A	UG	SE	P	OC	СТ	NO	OV	DE	EC .	ANNU	AL
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
VIRGINIA														
TIDEWATER 01														
DISPUTANTA	5.63	0.41	1.24	-3.59	4.61	-0.10	5.43	2.06	1.23	-2.14	2.10	-1.36	48.14	1.08
EASTVILLE	M	0.11	M	3.37	M	0.10	M	2.00	M	2.11	M	1.50	10.11	1.00
EMPORIA 1 WNW	4.61	-0.03	0.72	-3.84	6.11	1.69	5.11	1.87	0.78	-2.31	2.23	-1.17	M 41.96	-2.71
FREDERICKSBURG SEWAGE	M 2.73	-1.80	M 3.62	0.23	M 8.27	3.95	M 3.18	-0.20	M 0.90	-2.85	2.14	-1.04	M 42.28	-1.07
HOLLAND 1 E	7.18	1.98	0.76	-4.44	9.94	4.79	11.28	7.50	0.95	-2.33	2.25	-1.24	55.17	6.97
HOPEWELL	5.75	1.10	0.72	-4.34	9.35	4.73	5.34	2.02	M	2.33	M 2.78	-0.68	33.17	0.57
NORFOLK INTL AP	10.33	5.19	4.75	-0.77	13.54	8.78	9.43	6.01	0.98	-2.17	2.54	-0.72	68.86	22.33
NORFOLK S	8.32	3.18	5.65	-1.69	17.01	11.94	12.09	8.67	0.86	-2.55	2.74	-0.85	75.02	24.23
NORTH	5.90	1.07	0.55	-3.92	8.43	3.36	6.19	2.16	1.16	-2.17	M 2.30	-1.07	M 51.49	3.59
PAINTER 2W	6.23	1.19	1.73	-2.56	9.09	5.13	7.17	3.58	1.58	-1.53	3.03	-0.82	55.43	10.45
STONY CREEK 2 N	7.23	2.40	1.74	-3.17	7.21	2.80	4.00	0.70	1.00	-2.09	1.87	-1.63	49.94	2.97
SUFFOLK LAKE KILBY	11.09	5.95	1.45	-4.26	14.22	8.90	11.46	7.83	1.22	-2.32	1.73	-1.76	68.82	19.33
WAKEFIELD INW	6.95	2.14	0.96	-4.14	8.23	3.07	5.66	2.48	1.02	-2.09	2.18	-1.28	51.38	3.95
WALKERTON 2 NW	5.09	0.57	3.42	-0.34	7.48	3.74	3.64	0.30	2.42	-0.91	2.76	-0.65	51.74	9.06
WALLACETON LK DRUMMOND	6.61	0.57	1.17	-0.34	7.48 M	3.74	M 11.72	0.50	2.42	-0.91	M 2.97	-0.03	31.74	9.00
WALLOPS ISLAND NASA TEST FACIL	4.87	0.78	1.85	-2.34	11.90	7.92	7.35	4.18	1.15	-1.72	3.97	0.54	56.42	15.58
WARSAW 2 NW	4.29	-0.29	1.89	-2.74	5.33	1.10	4.02	0.55	1.13	-2.32	2.81	-0.31	41.68	-2.28
WEST POINT 2 NW	7.48	2.91	2.13	-2.74	5.32	0.81	5.74	2.44	0.97	-2.32	2.84	-0.59	51.07	5.69
WEST FOINT 2 NW WILLIAMSBURG 2 N	3.63	-1.84	1.96	-3.41	7.26	2.36	5.67	2.44	1.26	-2.20	2.54	-0.39	51.06	2.75
DIVISIONAL DATA>	6.54	1.88	1.90	-2.52	9.06	4.69	6.85	3.38	1.23	-1.91	2.54	-0.71	54.96	9.33
EASTERN PIEDMONT 02														
ALBERTA 5N	7.91		1.64		6.49		5.50		1.95		2.32		48.87	4.22
AMELIA COURTHOUSE 1	2.59	-1.59	4.33	0.24	M 4.19	0.37	M 4.22	0.80	1.60	-2.45	2.91	-0.76	M 47.10	2.91
ASHLAND	2.56	-2.01	1.75	-1.77	8.02	4.26	3.98	0.71	1.66	-1.92	2.78	-0.75	48.32	4.91
BREMO BLUFF	M 4.64	0.41	2.53	-1.32	5.44	1.73	M 3.08	-0.62	M 0.68	-3.08	M 2.74	-0.52	M 39.96	-3.02
BUCKINGHAM	3.97		1.53		3.47		4.05		0.71		3.25		M 43.54	-0.12
CAMP PICKETT	4.65	0.52	1.45	-3.02	M 5.52	1.46	4.80	1.17	1.78	-1.65	2.34	-1.09	M 42.94	-3.10
CHASE CITY	3.68	-0.75	2.95	-1.49	7.59	3.50	4.64	1.09	0.56	-2.97	1.90	-1.82	48.74	2.88
CLARKSVILLE	4.16	-0.33	M		7.95	4.20	M 4.97	1.54	1.63	-1.61	1.86	-1.55		
CORBIN	5.80	1.82	0.72	-2.63	6.61	2.50	4.08	0.34	0.71	-2.90	MA 2.96	-0.38	M 44.75	1.47
CROZIER	6.69	2.89	1.77	-2.37	5.21	1.77	3.37	0.19	1.22	-2.46	2.97	-0.38	M 45.72	3.27
FARMVILLE 2 N	5.79	1.67	1.55	-2.36	2.14	-1.84	4.76	1.34	0.62	-3.03	3.32	-0.04	39.41	-4.40
GREENBAY 3 NE	M		M		M		M		M		M			
JOHN H KERR DAM	4.55	-0.55	1.85	-2.08	6.52	3.05	5.53	2.20	1.01	-2.08	1.75	-1.49	48.75	5.94
KEYSVILLE 2 S	1.75		3.54		4.55		5.18		1.00		1.94		42.60	4.01
LOUISA	5.03	0.32	2.47	-1.11	3.77	-0.41	1.66	-1.96	0.93	-3.20	2.48	-0.70	35.70	-8.48
PALMYRA 3S	7.08	2.72	4.09	0.26	3.08	-0.59	2.25	-1.19	1.32	-2.20	2.56	-0.63	41.23	-0.55
PETERSBURG	M 4.22	-0.24	0.64	-4.13	8.45	4.19	M 3.80	0.58	M 1.41	-1.83	2.19	-1.01	M 45.27	1.34
RICHMOND INTL AP	4.47	-0.04	0.53	-4.13	11.19	7.06	4.24	1.26	1.08	-2.16	2.80	-0.46	52.75	9.15
SANDSTON	M	0.01	M	"""	M	/.00	M	1.20	M	2.10	M	0.10	32.73	/.13
WINTERPOCK 4 W	3.30		2.10		7.03		M 4.74		1.37		2.65		M 47.19	2.55
DIVISIONAL DATA>	4.62	0.26	2.08	-1.85	6.09	2.06	4.16	0.31	1.20	-2.22	2.50	-0.68	45.22	0.22
WESTERN PIEDMONT 03												-		

STATION	JA	AN	FI	ЕВ	MA	AR	AP	PR	M	AY	JU	N
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
ALTAVISTA	2.98		M 2.97		3.11		1.36		6.46		3.83	
APPOMATTOX	3.24	0.10	5.54	2.46	3.14	-0.83	1.91	-1.51	8.92	4.16	4.10	0.15
BEDFORD 4 NW	2.82		4.59		2.85		1.76		7.22		6.09	
BROOKNEAL	3.77	0.10	5.60	2.46	3.12	-0.82	1.55	-2.16	7.01	2.32	8.38	5.41
CHARLOTTESVILLE 2W	4.35	1.25	5.24	2.17	1.68	-2.17	2.30	-1.10	7.17	2.54	4.98	0.82
CHATHAM	2.87	-0.91	5.35	2.34	4.14	0.09	3.67	0.12	10.35	6.31	4.55	0.81
CONCORD 4 SSW	2.75		5.03		3.21		2.33		9.42		6.18	
DANVILLE RGNL AP	2.54	-0.88	4.31	1.30	2.33	-1.78	2.80	-0.66	7.57	3.69	7.70	3.86
FREE UNION	4.60		5.11		1.39		M 3.09		MA 5.75		4.08	
HOLCOMB ROCK	3.88		6.31		3.36		2.90		7.63		6.48	
HUDDLESTON 4 SW	3.65		4.81		3.29		1.48		7.14		2.79	
LYNCHBURG INTL AP	2.77	-0.37	4.52	1.59	3.36	-0.22	2.12	-1.19	6.89	3.16	6.27	2.65
MARTINSVILLE FLTR PLT	3.63	0.14	5.37	2.23	2.77	-1.38	2.05	-1.44	5.62	1.59	4.54	0.79
MEADOWS OF DAN 5 SW	2.79	0.1.	5.72	2.23	3.22	1.50	3.59	1	7.20	1.07	3.20	0.77
MONTEBELLO FISH CULTURAL STN	M 4.32		M		M		M		M		M	
MONTICELLO	M 1.81	-0.55	4.85	2.07	1.58	-2.07	M		7.16	3.06	M 5.82	1.86
PEDLAR DAM	3.16	0.55	5.42	2.07	2.32	2.07	2.19		6.03	3.00	8.60	1.00
ROCKY MT	3.77	0.40	7.29	4.21	3.92	-0.34	2.20	-1.57	7.14	3.07	3.70	-0.82
SOUTH BOSTON	2.98	-0.63	5.07	1.95	2.20	-1.95	2.35	-1.13	7.32	3.40	7.11	2.82
STUART	3.13	-0.74	5.68	2.43	1.98	-2.10	2.10	-1.89	8.14	3.54	2.53	-2.46
TYE RVR 1 SE	M	0.74	M	2.43	M	2.10	2.10 M	1.07	M	3.54	2.33 M	2.40
WOOLWINE	4.03		8.14		3.08		3.02		5.78		5.52	
DIVISIONAL DATA>	3.35	-0.49	5.47	2.18	2.80	-1.43	2.32	-1.41	7.38	2.99	5.30	1.35
NORTHERN 04												
EDINBURG	M		M		M		M		M		M	
FRONT ROYAL	4.48	2.04	M 2.60	-0.05	1.83	-1.93	M 2.14	-1.12	M 6.34	2.14	3.81	-0.22
LINCOLN	M		M 4.58		1.73		1.61		M		M	
LURAY 5 E	3.33	0.65	M 4.04	1.38	1.04	-2.84	1.63	-1.81	5.86	1.86	6.63	2.68
MADISON	M		M		M		M		M		M	
MANASSAS	MA 3.80		3.70		M 1.06		MA 2.40		MA 6.45		4.30	
MT WEATHER	M 2.13	-0.75	5.16	2.20	2.09	-1.47	1.96	-1.73	7.08	2.60	4.60	0.36
PIEDMONT RSCH STN	2.81	0.05	4.37	1.62	1.67	-1.84	2.63	-0.77	6.39	2.25	5.85	1.68
SOMERSET	2.70	-0.19	4.83	2.06	1.27	-2.46	2.78	-0.41	5.66	1.44	5.80	1.73
SPERRYVILLE	M 2.97	-0.10	M 3.68	0.84	M 1.16	-2.86	M 1.55	-2.22	M 6.39	2.04	M 1.62	-2.72
STERLING (RCS)	4.54	1.69	4.03	1.26	1.47	-2.13	1.86	-1.76	5.93	1.21	5.14	1.22
VIENNA	4.93	1.80	4.11	1.30	1.02	-2.80	1.56	-2.03	3.78	-0.75	3.11	-0.97
WARRENTON 3 SE	M 3.83	0.81	M		M	2.00	M		M	"""	M	
WASHINGTON DULLES INTL AP	4.47	1.79	3.79	1.05	1.45	-1.93	1.88	-1.59	6.08	1.53	6.35	2.37
WASHINGTON REAGAN NATL AP	2.68	-0.13	3.79	1.17	1.16	-2.32	2.05	-1.01	5.65	1.66	3.68	-0.10
WINCHESTER	3.48	0.92	3.25	0.93	1.91	-1.54	1.96	-1.41	6.02	2.15	3.62	0.01
WINCHESTER 7 SE	2.71	0.52	M 2.71	0.24	M 1.24	-2.18	M 2.07	-1.10	5.20	1.38	M 3.28	-0.38
WOODSTOCK 2 NE	3.49	0.82	3.33	0.74	1.61	-1.65	0.95	-1.98	6.49	2.48	2.71	-1.09
DIVISIONAL DATA>	3.60	0.43	4.04	1.39	1.52	-2.05	1.90	-1.30	5.83	1.60	4.63	0.69
CENTRAL MOUNTAIN 05												
BUENA VISTA	2.88		4.79		1.77		1.87		5.72		5.25	
COVINGTON FLTR PLT	3.02	0.52	3.42	1.05	1.57	-1.71	2.38	-0.84	4.80	0.72	10.61	7.31

STATION	Л	JL	A	UG	SE	P	OC	СТ	NO	OV	DE	EC	ANNU	AL
	PRECIP.	DEPART.												
ALTAVISTA	4.42		3.92		5.69		4.13		0.68		3.20		M 42.75	-1.27
APPOMATTOX	2.95	-1.87	1.77	-2.21	3.39	-0.91	5.70	1.94	0.72	-3.26	3.83	0.40	45.21	-1.38
BEDFORD 4 NW	4.13		1.93		4.87		3.38		0.63		3.24		43.51	-0.69
BROOKNEAL	6.26	1.90	4.06	0.10	2.67	-1.21	5.47	1.86	0.36	-3.32	2.99	-0.36	51.24	6.28
CHARLOTTESVILLE 2W	3.22	-2.10	3.61	-0.46	2.67	-2.23	2.34	-1.40	1.58	-2.51	2.51	-0.84	41.65	-6.03
CHATHAM	5.59	1.10	6.01	2.19	3.13	-1.32	4.56	1.27	0.43	-3.15	3.12	-0.32	53.77	8.53
CONCORD 4 SSW	4.61		2.35		4.08		3.82		0.78		3.62		48.18	4.75
DANVILLE RGNL AP	4.07	-0.60	4.94	1.03	2.91	-1.08	5.01	1.47	1.03	-2.32	1.62	-1.64	46.83	2.39
FREE UNION	M 2.18		7.67		2.69		2.53		1.48		2.73		M 43.30	-2.18
HOLCOMB ROCK	3.40		5.09		7.80		M 1.45		2.27		F 3.30		M 53.87	7.42
HUDDLESTON 4 SW	3.11		2.42		4.42		6.43		0.69		3.53		43.76	1.26
LYNCHBURG INTL AP	6.00	1.64	1.19	-2.07	3.38	-0.50	1.73	-1.38	1.17	-2.24	3.10	-0.14	42.50	0.93
MARTINSVILLE FLTR PLT	3.28	-1.19	2.62	-1.29	3.52	-1.04	3.69	0.39	0.63	-2.81	2.26	-1.13	39.98	-5.14
MEADOWS OF DAN 5 SW	5.53		9.07		4.15		0.98		1.99		2.47		49.91	-5.29
MONTEBELLO FISH CULTURAL STN	M		M		M 4.21		M		M 2.19		M 3.99			
MONTICELLO	3.47	-2.02	M		M		M		M		M			
PEDLAR DAM	2.93		3.14		3.47		1.65		2.43		3.11		44.45	1.19
ROCKY MT	4.99	0.12	5.21	0.92	1.89	-2.70	4.89	1.71	1.20	-2.37	2.47	-1.02	48.67	1.61
SOUTH BOSTON	4.08	-0.25	2.55	-1.22	3.76	-0.22	6.25	2.77	0.84	-2.56	1.81	-1.55	46.32	1.43
STUART	6.47	0.90	7.38	2.39	1.34	-3.30	2.00	-1.32	1.08	-2.38	1.95	-1.56	43.78	-6.49
TYE RVR 1 SE	M		M		M		M		M		M			
WOOLWINE	4.92		9.20		2.99		4.24		1.51		2.95		55.38	4.44
DIVISIONAL DATA>	4.39	-0.24	4.43	0.62	3.62	-0.76	3.82	0.06	1.13	-2.22	2.81	-0.44	46.82	0.21
NORTHERN 04														
EDINBURG	M		M		M		M		M		M			
FRONT ROYAL	M 6.48	3.18	M 3.16	0.10	6.74	2.24	2.12	-1.03	M 0.85	-2.90	3.25	0.43	M 43.80	2.88
LINCOLN	M		M		3.73		M		1.29		3.27			
LURAY 5 E	4.60	0.49	4.91	1.59	6.28	1.75	1.22	-1.81	1.69	-1.92	M 3.35	0.30	M 44.58	2.32
MADISON	M		M		M		M		M		M			
MANASSAS	4.74		M 2.42		4.57		1.15		M 0.75		3.12		M 38.46	
MT WEATHER	5.49	1.68	3.27	-0.18	6.74	2.22	1.26	-2.17	1.25	-2.26	3.82	0.87	M 44.85	1.37
PIEDMONT RSCH STN	M 5.60	0.90	2.68	-0.54	3.22	-0.81	1.17	-2.25	1.59	-2.23	2.10	-0.97	M 40.08	-2.91
SOMERSET	2.92	-2.78	M		4.01	-0.23	1.15	-2.40	1.40	-2.45	2.62	-0.51		
SPERRYVILLE	M 6.00	1.68	M 5.27	1.36	M 4.94	-0.03	M 0.95	-2.61	M 1.13	-3.52	M 3.72	0.34	M 39.38	-7.80
STERLING (RCS)	4.71	1.01	1.08	-2.41	3.40	-0.60	0.83	-2.76	0.58	-3.00	M 4.16	1.07	M 37.73	-5.20
VIENNA	1.92	-2.27	2.44	-1.25	4.35	0.17	0.95	-2.56	0.28	-3.28	2.67	-0.60	31.12	-13.24
WARRENTON 3 SE	M		M	1.20	M	***	M		M		M			
WASHINGTON DULLES INTL AP	3.02	-0.65	0.96	-2.57	2.55	-1.37	0.65	-2.60	1.77	-1.64	2.36	-0.60	35.33	-6.21
WASHINGTON REAGAN NATL AP	3.13	-0.60	2.79	-0.14	2.50	-1.22	0.90	-2.50	0.76	-2.41	2.61	-0.44	31.70	-8.04
WINCHESTER	6.77	3.24	2.25	-0.77	8.01	4.27	1.70	-1.25	0.83	-2.40	2.48	-0.20	42.28	3.95
WINCHESTER 7 SE	5.99	2.40	M 2.15	-1.08	M 3.88	-0.03	1.33	-1.61	2.11	-1.04	M 0.42	-2.05	M 33.09	-4.93
WOODSTOCK 2 NE	3.64	-0.16	3.84	0.68	9.85	5.97	1.26	-1.40	1.17	-1.68	1.50	-1.15	39.84	1.58
DIVISIONAL DATA>	4.27	0.36	2.69	-0.97	5.07	1.00	1.21	-2.35	1.23	-2.23	2.71	-0.31	38.70	-3.74
CENTRAL MOUNTAIN 05														
BUENA VISTA	2.45		1.68		3.80		3.27		1.34		3.02		37.84	-3.39
COVINGTON FLTR PLT	3.15	-0.82	2.40	-0.82	6.57	3.33	2.71	0.17	1.62	-1.74	3.97	1.26	46.22	8.43

STATION	JA	AN	FI	EB	MA	AR	AP	PR	M	AY	JU.	N
	PRECIP.	DEPART.										
DALE ENTERPRISE	M 1.16	-1.13	M 3.29	1.07	M 1.13	-1.79	1.36	-1.61	5.90	2.19	8.04	4.63
GATHRIGHT DAM	2.84	0.06	3.56	0.96	2.07	-1.21	2.22	-0.95	4.98	0.87	8.48	4.84
GLASGOW 1 SE	3.83		6.45		2.21		1.76		8.68		8.48	
HOT SPRINGS	3.33	-0.13	5.11	2.08	2.03	-2.06	1.89	-1.81	6.39	2.20	7.15	3.49
LEXINGTON	3.06	0.27	4.88	2.23	2.39	-0.76	1.50	-1.92	5.63	1.61	8.58	4.33
MILLGAP	2.46	-0.79	4.41	1.43	1.44	-2.43	2.18	-1.57	6.19	1.42	6.90	2.84
MTN GROVE	2.36		3.47		1.53		2.34		6.81		7.42	
MUSTOE 1 SW	3.02	-0.36	5.09	1.84	2.13	-2.03	2.45	-1.36	M 5.83	1.13	5.21	1.40
NEW CASTLE	3.23		4.22		2.02		1.55		7.75		5.70	
ROANOKE 8 N	2.75	-0.27	4.94	2.30	2.01	-1.72	1.58	-2.15	6.05	1.62	4.67	0.21
ROANOKE INTL AP	2.99	0.07	5.24	2.35	2.25	-1.21	1.13	-2.24	6.12	2.06	6.03	2.20
STAUNTON WTP	2.78	0.11	3.94	1.39	1.94	-1.31	1.85	-1.30	6.08	2.34	4.03	0.42
WAYNESBORO WTP	4.45	1.66	4.58	1.66	1.21	-2.52	1.92	-1.63	5.99	2.06	8.26	4.39
DIVISIONAL DATA>	3.07	-0.09	4.58	1.84	1.90	-1.68	1.87	-1.33	6.22	2.10	6.99	3.29
SOUTHWESTERN MOUNTAIN 06												
ABINGDON 3S	1.82	-1.85	4.45	0.71	2.06	-1.98	3.84	-0.10	2.89	-1.72	5.19	1.13
BIG STONE GAP	2.84	-1.35	6.46	2.06	1.93	-2.76	3.59	-1.08	5.23	0.35	3.60	-0.25
BLACKSBURG NWSO	2.44	-0.64	4.70	1.89	2.56	-1.08	1.56	-1.92	4.76	0.43	3.28	-0.72
BURKES GARDEN	2.97	-0.98	M 4.29	0.83	1.92	-2.10	M 1.81	-1.87	M 5.69	0.93	6.82	2.60
CHRISTIANSBURG	2.40	-0.36	3.97	1.14	2.50	-0.78	1.42	-1.86	4.15	-0.75	3.43	-0.49
CLINTWOOD 1 W	2.51	-1.10	5.13	1.48	1.54	-2.33	2.11	-1.97	6.72	2.13	3.37	-1.42
COPPER HILL	3.09	1110	4.69	11.10	2.59	2.00	1.74	1.,,	5.30	2.15	3.74	11.12
GALAX RADIO WBRF	2.75	-0.61	5.68	2.39	2.14	-1.65	2.96	-0.58	M		M 4.17	0.30
GALAX WTP	1.80	0.01	5.26	2.07	1.73	1.02	2.48	0.00	3.33		4.47	0.50
GRUNDY	2.27	-0.92	3.83	0.74	0.99	-2.44	2.27	-1.79	7.48	2.59	5.77	1.27
JOHN FLANNAGAN LAKE	MA 2.57	0.52	MA 4.43	0.71	M	2.11	MA 2.87	1.79	MA 4.85	2.37	M	1.27
LAFAYETTE 1 NE	2.65		4.62		2.40		1.88		4.10		4.91	
LEBANON	2.35	-0.69	4.17	0.74	1.43	-2.41	2.15	-1.28	4.55	0.13	4.73	0.15
NORA 4 SSE	3.02	-0.59	3.98	0.36	1.23	-2.67	M 1.97	-1.24	4.34	-1.16	M 7.02	1.30
N FK LAKE	MA 2.26	0.07	5.49	0.00	MA 2.31	2.07	MA 1.97	1.2.	6.83	1.10	MA 2.87	1.50
PULASKI 2 E	2.53	-0.32	3.79	1.10	2.03	-1.16	1.33	-1.62	4.69	0.92	M 5.03	1.52
RADFORD 3 N	2.09	-0.84	4.53	1.79	2.60	-0.38	1.31	-1.76	4.85	0.93	4.41	1.34
RICHLANDS	M 2.54	-0.51	3.84	0.93	M 1.42	-2.52	2.63	-1.16	M 6.72	1.97	5.85	1.90
SALTVILLE 1N	2.61	-0.99	4.37	0.90	1.33	-2.53	3.38	-0.24	5.03	0.68	4.60	0.45
STAFFORDSVILLE 3 ENE	2.21	-0.69	4.24	1.51	1.93	-1.50	1.30	-2.05	3.98	-0.26	3.78	0.07
WILLIS	2.55	0.07	5.43	1.01	3.01	1.50	1.97		5.23	0.20	5.29	0.07
WISE 1SE	2.90	-0.98	4.73	0.75	1.31	-2.81	2.80	-1.33	4.85	0.23	3.93	-0.53
WYTHEVILLE	2.66	-0.24	4.55	1.75	2.13	-1.11	1.87	-1.35	4.67	0.56	4.41	0.84
DIVISIONAL DATA>	2.52	-1.02	4.66	1.28	1.97	-2.09	2.24	-1.46	4.89	0.29	4.53	0.42

STATION	Л	JL	A	UG	SE	P	OC	СТ	NO	OV	DE	EC	ANNU	AL
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
DALE ENTERPRISE	4.86	0.86	3.07	-0.37	2.47	-1.07	2.00	-0.52	1.16	-1.69	3.03	0.42	M 37.47	0.99
GATHRIGHT DAM	3.89	-0.01	3.11	-0.08	5.07	1.70	1.95	-0.78	1.57	-1.54	3.42	0.46	43.16	4.32
GLASGOW 1 SE	4.16		1.75		7.29		3.75		1.93		3.14		53.43	4.19
HOT SPRINGS	4.46	0.25	2.91	-0.52	6.14	2.49	2.20	-0.81	1.88	-1.84	4.13	0.78	47.62	4.12
LEXINGTON	1.87	-2.25	2.29	-0.88	3.77	0.25	3.52	0.60	1.34	-2.05	3.67	0.56	42.50	1.99
MILLGAP	5.34	0.67	2.63	-0.88	4.77	1.18	4.03	1.09	2.42	-1.12	3.10	-0.25	45.87	1.59
MTN GROVE	4.27	3101	4.00		5.54		M 0.51		M		M		10.00	1.07
MUSTOE 1 SW	M		M		5.32	1.66	M		3.04	-0.77	2.77	-0.54		
NEW CASTLE	4.63		5.44		4.93	1.00	3.82		1.99	0.77	3.27	0.51	48.55	
ROANOKE 8 N	5.56	0.38	M 3.19	-0.40	3.91	-0.23	4.78	1.72	0.95	-2.31	M 3.06	-0.17	M 43.45	-1.02
ROANOKE INTL AP	5.55	1.51	4.46	0.90	4.75	0.86	4.42	1.53	1.08	-2.32	2.79	-0.17	46.81	5.56
STAUNTON WTP	5.73	1.83	2.86	-0.77	3.79	0.00	2.05	-0.93	1.60	-2.32 -1.49	3.26	0.52	39.91	0.81
WAYNESBORO WTP	2.73	-1.50		2.20	6.31		2.03	0.70	1.00	-3.21	2.34	-0.60	47.87	
	2.73 4.19	I	6.24			1.61 1.37		-0.64						3.48
DIVISIONAL DATA>	4.19	0.22	3.30	-0.12	4.96	1.37	3.16	-0.01	1.66	-1.53	3.22	0.42	45.12	4.48
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3S	6.39	1.36	4.30	0.70	3.20	-0.15	1.63	-0.78	1.59	-1.71	6.62	2.73	43.98	-1.66
BIG STONE GAP	6.02	0.73	4.64	0.36	2.59	-1.29	1.15	-1.78	3.29	-0.67	8.85	3.76	50.19	-1.92
BLACKSBURG NWSO	4.86	0.60	4.16	0.57	6.95	3.85	2.26	-0.52	0.77	-2.10	4.10	1.15	42.40	1.51
BURKES GARDEN	M 5.40	0.92	M 4.84	0.68	2.52	-0.79	M 1.16	-1.76	1.96	-1.16	5.12	1.32	M 44.50	-1.38
CHRISTIANSBURG	3.16	-1.19	4.84	1.54	7.35	3.87	2.33	-0.42	1.16	-1.74	3.65	0.67	40.36	-0.37
CLINTWOOD 1 W	5.61	0.86	3.57	-0.08	2.80	-0.48	0.76	-1.94	2.46	-0.52	7.07	3.41	43.65	-1.96
COPPER HILL	M 3.27	0.00	7.80	0.00	FM 3.27	0.10	M 5.82	1.71	0.97	0.52	3.05	3.11	M 45.33	-1.78
GALAX RADIO WBRF	M 3.27		7.00 M		M		M 3.02		M		M		141 43.33	1.70
GALAX WTP	5.67		6.88		2.90		1.96		1.44		M 2.68		M 40.60	
GRUNDY	7.99	2.79	5.59	1.73	2.37	-0.77	1.72	-1.10	2.37	-0.54	6.36	3.09	49.01	4.65
JOHN FLANNAGAN LAKE	MA 5.70	2.19	MA 3.89	1.73	MA 0.73	-0.77	M	-1.10	MA 2.39	-0.54	MA 6.42	3.09	49.01	4.03
LAFAYETTE 1 NE	6.71		4.90		4.58		3.09		0.93		M 2.51		M 43.28	4.45
LEBANON	5.25	0.68	3.45	-0.22	2.48	-0.61	1.67	-0.73	1.61	-1.40	5.01	1.59	38.85	-4.05
NORA 4 SSE	7.20	2.45			2.46		1.07			-0.88				-3.04
N FK LAKE	7.20 MA 6.64	2.43	M 4.76 4.46	0.48	1.84	-1.26	1.03	-1.65	2.48 2.02	-0.00	5.56	1.82	M 44.64	-3.04
·		1.00		2 21		0.00		1 27		1.61	M	0.27	M 24 02	2.01
PULASKI 2 E	2.84	-1.09	5.40	2.31	2.10	-0.96	1.28	-1.37	0.84	-1.61	3.07	0.27	M 34.93	-2.01
RADFORD 3 N	4.28	0.06	4.10	0.70	5.03	2.02	1.66	-0.98	1.28	-2.07	3.42	0.48	39.56	1.29
RICHLANDS	5.10	0.78	M 1.66	-2.47	M 2.52	-0.61	1.67	-0.77	1.70	-1.28	M 5.38	1.93	M 41.03	-1.81
SALTVILLE 1N	4.61	-0.42	2.88	-1.30	1.50	-1.78	1.61	-1.12	2.03	-1.22	6.50	2.84	40.45	-4.73
STAFFORDSVILLE 3 ENE	5.27	1.18	6.43	3.19	6.04	2.95	1.73	-0.92	1.47	-1.37	3.41	0.57	41.79	2.68
WILLIS	5.65	2.65	6.10	0.10	3.63		1.06	1.50	1.47		M 3.04	225	M 44.43	-0.64
WISE 1SE	7.37	2.07	3.65	-0.40	2.11	-1.49	0.84	-1.73	3.05	-0.41	7.07	3.26	44.61	-3.37
WYTHEVILLE	2.15	-1.60	4.76	1.32	3.00	-0.19	1.40	-1.29	0.91	-1.82	3.74	0.96	36.25	-2.17
DIVISIONAL DATA>	5.34	1.05	4.88	1.31	3.42	-0.05	1.59	-1.51	1.70	-1.50	5.16	1.89	42.90	-1.39

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

STATION	JA	AN	FE	EB	M	AR	API	R	M	AY	JU	N	Л	UL	AU	JG	SE	P	OC	СТ	NO	OV	DI	EC	ANN	UAL
	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 DISPUTANTA EASTVILLE EMPORIA 1 WNW FREDERICKSBURG SEWAGE HOLLAND 1 E HOPEWELL NORFOLK INTL AP NORFOLK S NORTH PAINTER 2W STONY CREEK 2 N SUFFOLK LAKE KILBY WAKEFIELD 1NW WALLACETON LK DRUMMOND WALLOPS ISLAND NASA TEST FACIL WARSAW 2 NW WEST POINT 2 NW WILLIAMSBURG 2 NDIVISIONAL DATA>	34.8 M M 32.6 38.4 39.6M 41.1 39.8 36.0 39.2 36.5 38.7 36.4 37.7 37.2 MM 37.4 38.6 37.4	-4.2 -2.2 -1.4 -1.6 0.7 -1.9 0.1 -1.1 -1.3 -1.8 -0.4 -2.4 0.6 -1.1 0.1 0.3	40.7 M MM 38.6 43.8 43.6MF 44.5 43.2 40.8 42.5 41.9 43.4 41.7 42.4 40.8M 40.9 43.1M 41.1 43.0 42.1	0.4 1.2 1.00 -0.6 1.9 -0.1 0.5 1.6 0.5 0.6 0.7 1.2 0.8 2.2 2.0 -0.3 1.7 2.0	52.6 M 56.0 52.0M 55.3 56.4F 55.9 54.9 51.9 52.9 53.4 55.0 53.9 55.2 52.1 51.3 54.7M 54.7 54.9 54.9	5.3 7.5 7.0 5.7 4.8 6.5 4.7 5.2 5.3 4.9 5.2 5.9 6.2 5.9 6.3 6.1 5.9 6.5	55.5 M 59.4 56.1M 56.8 59.2 57.7 56.5 54.9 55.5 56.7 57.1 56.3 57.9 53.2 53.4 57.8 57.8 57.8	-1.1 1.5 0.9 -1.7 -1.9 -0.5 -2.9 -1.5 -1.4 -1.8 -1.5 -0.9 -1.0 -2.7 -0.5 0.2 -0.7 -0.1 0.3	63.2 M 67.9M 60.9 64.0 66.1 66.0 65.0 63.5 64.9 64.5 64.5 61.8M 62.3 64.7M 64.8 64.9 64.9	-2.4 1.8 -3.3 -3.0 -2.9 -0.6 -2.9 -2.0 -2.2 -2.2 -1.2 -3.3 -0.4 -1.9 -2.1 -1.1	73.0 M 84.9M 74.4M 72.5 76.0 75.6 74.3 72.5 73.9 73.4 74.9 72.9 74.6M 74.5 74.6 74.5 74.5	-1.4 10.2 0.9 -2.9 -1.2 0.3 -1.7 -0.9 -0.4 -1.0 -0.8 -0.4 -1.9 0.7 -0.4 -0.8 0.5	79.4 M MMF 79.6M 78.2 81.1 79.2 80.8 80.7 80.1 80.5 80.0 77.4 80.5 82.9M 81.0 81.2 80.4	2.2 -0.9 0.3 2.9 1.0 1.6 2.2 1.1 1.3 2.0 1.2 0.2 3.4 4.1 2.0 3.2 2.2	77.6 80.6F 81.4 80.3 79.3 79.9 80.4 79.7	2.5 3.3 0.2 1.4 3.5 2.3 3.0 2.6 3.5 2.8 1.3 4.6 2.3 3.2 4.5 3.3	73.5 M M 73.5M 74.5 76.1 75.8 74.7 73.9 74.5 74.2 74.1 75.7 M 74.4 74.3M 74.9 75.6 74.6	3.6 4.5 3.2 3.3 3.5 2.6 3.5 2.7 4.1 4.8 4.9 3.8 4.3 5.2 4.1	61.5 M M 59.4M 64.5 MM 65.5 63.8 62.3 64.3 61.9 63.2 62.4 63.3 MM 62.8 62.3M 62.8 63.8 62.3	2.9 2.0 3.7 3.4 1.8 2.5 3.5 3.1 2.0 3.0 3.5 3.7 2.3 2.7 3.9 3.6	48.1 M M 47.6M 50.5 50.5 MM 52.4 51.0F 49.0 51.0 51.0 48.8 51.2 49.3 50.5 47.8 49.8 51.6M 50.2 51.6M 50.2	-1.6 0.1 -1.6 -0.5 -1.6 -1.4 -0.7 -1.1 -0.7 -1.1 -0.1 -2.2 0.1 0.7 -0.6 0.8 -0.8	40.1 M M 40.1M 43.2 42.6M 45.2 43.6 41.7M 43.1 41.5 43.4 41.6 40.5M 41.6 MM 41.5 43.2 42.2	-0.7 1.9 0.2 -1.4 1.1 -0.1 0.2 0.6 0.7 0.2 0.6 -0.3 1.1 0.0 1.5 0.4	58.5 M M M 57.9 59.9 M 62.0 60.7 M 58.6 60.1 59.5 60.3 M 58.9 M 60.1 60.9 59.9	0.3 1.5 0.1 1.8 0.1 0.6 1.2 0.8 0.6 1.1 1.2 2.1 1.0 2.2 1.8
EASTERN PIEDMONT 02 AMELIA COURTHOUSE 1 ASHLAND BREMO BLUFF CAMP PICKETT CHASE CITY CLARKSVILLE CORBIN CROZIER FARMVILLE 2 N GREENBAY 3 NE JOHN H KERR DAM KEYSVILLE 2 S LOUISA PALMYRA 3S PETERSBURG RICHMOND INTL AP SANDSTONDIVISIONAL DATA>	MM 35.1 32.6MF 33.9 37.6 36.7F 35.2 33.5 34.3 M 37.3 35.0 33.4 31.8 36.1 35.7 34.2	-1.2 -4.3 -2.2 0.0 -1.3 0.5 -2.4 -1.0 -1.7 -2.6 -2.1 -1.7 -2.2 -2.3 -1.1	40.9M 40.6 38.0 40.3M 43.0 41.7 40.3 38.8 39.2F M 42.5 39.7 37.2 41.6 40.8 MM 40.3	0.9 0.9 -1.5 1.3 2.3 0.8 2.4 0.0 1.2 0.6 0.9 0.7 -0.1	54.8M 54.2 52.3 53.2 54.1 55.7 53.8 52.7MF 52.8 M 55.7 53.4 53.0 50.2 53.5 53.4 M	7.6 6.6 4.6 6.9 6.2 6.7 8.3 7.1 7.0 6.6 6.3 6.4 5.1 4.8	56.9MF 58.0 55.7 55.7 57.4 59.0M 56.3 54.3 56.2 M 59.5 56.1 56.3 54.2 56.6 M	0.1 0.5 -1.6 -0.1 0.2 0.5 0.8 -1.1 1.3 0.7 -0.3 0.5 -1.6 -1.6	63.9M 63.1 61.6 63.3 64.2 65.6 61.3 62.8 M 66.5 62.9 62.5 61.8 64.1 63.8 M 63.3	-1.2 -2.0 -4.6 -1.0 -1.4 -1.3 -2.4 -1.2 -0.9 -2.3 0.6 -2.4 -2.6	73.7M 73.3 72.8 72.5 73.2 75.2 75.2 73.8 72.5M 72.5 M 76.4 72.6 72.7 72.4 73.5M 74.5 M	-0.1 -0.1 -2.3 -0.4 -1.3 -0.1 -0.8 -0.5 2.5 -1.5 -0.8	79.7M 78.4 79.2M 78.6 78.9 80.9 79.0 77.8 78.8 M 83.0 78.6 77.6 MM 79.8 M 79.8	2.1 1.3 0.4 1.6 0.6 1.8 2.2 0.8 1.4 2.9 0.5 0.7 0.5	79.3 78.5 78.6 78.6 79.3 MM 77.8 78.7 M 83.1 78.5 77.4 76.4M 80.8F 80.3 M	3.3 2.8 1.1 3.3 2.6 2.2 2.8 4.4 1.9 3.7 3.3 2.8 3.9	74.2M 72.7 74.1 73.6 74.3 75.8 MM 72.6 75.3 M 77.5 74.2 72.3 71.6 74.0 M 74.1	5.4 3.8 4.1 5.1 4.6 5.0 4.2 7.1 5.8 3.9 6.0 3.9 3.4 5.6	61.6M 60.9 59.5M 60.7 62.2 63.7M 60.4 60.5F 62.0M M 64.6 61.3 59.3 57.8 62.3M 62.4 M	3.6 3.2 1.3 3.5 3.7 4.5 3.2 3.5 4.7 4.1 1.9 3.3 3.0 2.7	50.2M 49.1 47.0M 47.3MF 50.5 50.4F 48.8 47.2 50.2 M 52.3 49.7 47.2 46.3 51.2M 49.8 M 49.1	1.4 0.5 -1.3 -0.9 1.0 0.0 0.9 -0.9 2.7 0.9 -0.5 1.0 0.9 -0.6	41.4M 39.4 38.9M 40.4 42.7 43.1 39.4 38.3 41.4 M 43.1 40.4 38.7 37.8 41.0 M 40.5	0.3 -0.3 1.4 2.4 2.0 1.1 -0.7 3.0 1.0	M 61.5 58.6 M 57.5 M 58.2 59.8 M 58.9 M 57.3 M 58.7 M 61.8 58.6 57.5 M 54.3 M 59.6	4.0 1.3 -0.5 1.5 1.7 0.0 0.8 2.3 2.0 0.7 0.3 0.8 0.5 2.2
WESTERN PIEDMONT 03 APPOMATTOX BROOKNEAL	33.2 33.8	-1.9 2.5	38.3 38.8	-0.3 5.0	52.8 52.3M	7.1 10.7	56.4 57.0	1.0 5.8	63.0 64.1	-0.3 4.5	73.1 72.9	0.9 3.7	78.4 79.1	2.5 7.0	78.2 78.6	3.5 7.4	74.0 74.3	6.4 10.9	60.6M 60.0	3.8 8.5	49.9 48.2	2.7 5.9	38.9 39.2M		M 58.1 M 58.2	2.1 6.3

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

STATION	JA	AN	FE	EB	M	AR	APF	₹	M	AY	JU	N	Л	JL	AU	JG	SE	P	00	СТ	NO	OV	DE	EC	ANN	UAL
	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.
CHARLOTTESVILLE 2W CHATHAM DANVILLE RGNL AP FREE UNION LYNCHBURG INTL AP MARTINSVILLE FLTR PLT MEADOWS OF DAN 5 SW MONTEBELLO FISH CULTURAL STN MONTICELLO ROCKY MT SOUTH BOSTON STUART TYE RVR 1 SEDIVISIONAL DATA>	33.7 32.4 36.2 30.8 33.1 32.9 33.8M 27.1M 32.2 33.2F 35.4 35.0 M 33.1	-2.2 -2.2 -1.5 -2.0 -2.6 -1.3 -2.4 -1.0 -1.8	35.5 37.6 37.9M 37.1M MM 37.1 37.3M 40.3	-0.9 -0.6 -0.5 -0.5 -0.9 -1.0 -0.2	53.2 51.2 56.0 49.6 52.3 51.4M 51.7M MM 51.7 52.0 53.7M 53.3 M	6.4 6.5 7.3 6.4 5.4 7.3 6.6 7.1 6.4 5.9	56.3 54.7 58.1 54.0 55.5 55.7 54.8 MM M 55.7 57.2 M 56.1	-0.9 0.8 -0.2 0.1 0.5	62.5 61.1 65.2 59.9 62.7 62.0M MM 61.1 62.8 64.5 M 62.7	-2.5 -1.1 -1.2 -0.4 -0.6 -1.7 0.2 0.7 -0.2	73.8 69.9 74.0 70.3 72.3 72.2M 70.7M MM 72.3M 72.6M 74.0 74.0 M 72.3	0.2 -1.0 -0.8 0.7 0.5 0.8 1.5 1.2 0.3	79.7 75.6 79.4 76.3 77.5 77.5 75.2M MM 77.7 78.2M 80.2 77.1 M	2.5 0.9 1.1 2.2 2.1 2.4 3.3 3.4 1.8	78.1 76.0 78.9 75.8 77.2 76.9 74.6 MM M 76.7 79.8 76.6 M	2.4 2.7 1.9 3.1 3.0 3.2 4.4 2.1	73.7 71.2 74.9 70.7 72.8 72.4M 70.5 68.0M M 72.4M 75.3 73.4M M	4.9 5.1 5.0 5.8 5.8 6.0 6.9 5.3	60.7 58.8 61.4 59.7M 60.7 59.8 59.7 MM M 59.6 62.3 61.5 M 60.4	2.4 3.8 1.9 4.5 4.0 3.7 5.1 3.8 4.1	51.1 47.1M 50.6 MM 49.4 48.1 50.9 43.9M M 49.2 52.0 51.3 M 49.3	2.2 1.3 1.4 2.6 1.8 2.6 4.2 2.9	39.5 38.5 41.0 38.4 38.7 38.9 39.7M 35.4M M 39.6 44.8M 40.6 M	0.9 1.1 1.2 1.7 5.5	58.4 M 56.1 M 59.8 M 56.5 57.5 M 57.2 M 56.7 M M 57.4 M 60.0 M 58.5 M 57.6	1.2 1.4 1.3 1.9 1.7 2.1 3.3 1.8
NORTHERN 04 EDINBURG FRONT ROYAL LINCOLN LURAY 5 E MADISON MANASSAS MT WEATHER PIEDMONT RSCH STN SOMERSET SPERRYVILLE STERLING (RCS) VIENNA WARRENTON 3 SE WASHINGTON DULLES INTL AP WASHINGTON TEAGAN NATL AP WINCHESTER WINCHESTER 7 SE WOODSTOCK 2 NEDIVISIONAL DATA>	M 30.2 29.3 31.2 M 31.6 30.0M 32.3F 31.3 31.1M 29.8 33.2 31.7M 31.5 34.9 29.9 27.8F 28.1 30.9	-2.7 -2.0 -1.7 -1.9 -0.7 -2.0 -2.2 -2.0 -1.5 -1.7 -1.1 -1.9 -3.1 -2.4	M 35.7M 35.0 36.5M M 36.9 33.7 37.6 37.0	-0.5 1.4 0.0 0.9 0.4 0.3 0.5 3.0 0.5 2.2 0.7 0.9 0.4 -0.7 1.0	M 49.6 47.4 49.9 M 51.1 47.6 51.3 50.7 49.5M 48.5 50.6 53.5 48.5 47.3M 46.1 49.5	6.4 5.7 5.6 7.1 6.9 6.3 6.2 5.9 5.8 8.0 6.4 6.7 6.2 6.3 5.0 6.4	53.3M 52.4 53.0 M 54.5M 50.5 54.9 52.9M 53.2M 54.1 56.9 53.0 49.7M 51.6 53.1	-1.0 0.5 -1.6 0.1 -1.2 -0.8 1.0 -0.8 0.1 -2.1 -0.3 0.1 -0.1 -1.1 0.2	M 61.1M 59.2M 59.8 M 62.5M 58.0 61.3F 61.5 60.1M 60.8 59.5 M 61.9 63.9 60.3 60.4 58.8 60.6	-1.3 -1.7 -3.0 -1.5 -2.9 -1.9 -1.5 -2.0 -1.3 -2.1 -1.7 -0.2 -1.6	M 71.8 72.8M 70.4 M 75.4M 70.4 72.7 72.7 70.2M 73.3 72.0 M 73.1 76.2 72.5 71.1M 70.5 72.3	0.6 2.7 -0.5 1.6 0.3 0.1 0.9 -0.8 1.8 1.5 0.7 1.0 1.5 1.3	M 76.3M 81.6M 75.1 M 81.0 75.7 77.8 78.1 77.0M 79.1M 79.5 82.7 77.5 77.0 76.1 78.2	1.3 6.7 0.6 2.8 1.7 1.4 2.8 2.4 3.2 3.4 2.9 2.3 2.9 2.3 2.9 2.6 3.7	М	1.9 7.3 2.3 3.1 2.7 3.0 3.4 4.7 5.1 5.0 4.6 3.9 3.8 3.8 3.8 5.3	M 69.8M 70.5 M 73.8M 69.4 73.3 73.1 72.1M 73.4 70.3M M 73.1 76.0 71.8 70.9M 70.8 72.0	3.2 6.5 4.0 5.2 3.8 5.3 5.8 5.4 6.6 4.2 5.2 5.0 5.7 5.8 6.0	M 58.3 58.2 58.2 M 59.8M 56.9 57.3 56.5F 35.6 57.3 58.6	2.2 3.9 1.7 3.4 2.2 2.8 3.1 3.9 3.7 2.7 3.4 3.6 2.5 2.9 3.6 4.1	M 47.0M 46.8 47.4 M 47.8M 46.8 48.3 47.3 48.0M 46.4 45.8 M 47.6 52.6 46.3 45.9 46.6 47.4	0.6 2.4	M 37.2 37.1M 37.3MF M	0.9 2.3 0.4 1.4 1.1 1.3 1.7 1.0 2.2	M M 55.5 M 56.0 M 55.4 M M 57.7 M 54.2 57.1 56.8 M 56.3 M 56.3 M 56.3 M 56.0 M 57.1 60.4 55.6 M 54.3 54.5 56.2	0.9 2.9 0.6 1.8 1.3 1.7 1.7 2.1 1.9 1.8 2.2 1.7 1.7 2.2 2.2
CENTRAL MOUNTAIN 05 COVINGTON FLTR PLT DALE ENTERPRISE GATHRIGHT DAM HOT SPRINGS LEXINGTON MILLGAP MUSTOE 1 SW ROANOKE 8 N ROANOKE INTL AP STAUNTON WTP	29.8M 28.6 27.5 26.6M 30.1 23.2 24.5 32.6M 33.5 30.6	-3.7 -1.8 -3.9 -3.4 -3.9 -4.5 -3.6 -2.7 -3.1 -2.0	35.5 34.1 32.4 32.1 35.7 29.7 29.6 37.3M 38.5 35.3	-1.0 1.2 -1.7 -0.9 -1.1 -0.4 -1.6 -1.4 -1.1	49.1M 47.9 47.4 47.2 49.9 42.4 44.6 51.5 54.1 49.9	5.0 6.9 5.5 6.3 5.2 4.3 6.3 5.7 6.8	55.4 51.7 53.3 52.1 54.9 46.7 48.4 56.2 58.0 53.3	1.6 1.2 1.6 1.2 0.9 -0.7 0.2 1.2 1.3 0.4	61.8 58.7 58.6 58.2 61.9 55.2 56.7 62.5M 64.3 59.5	-1.0 -1.6 -1.7 -1.2 -0.9 -1.2 0.1 -0.8 -0.3 -2.0	70.7M 70.5 68.0 67.7 71.2 63.4 65.0 72.4M 74.1 70.6	-0.3 0.8 -0.5 0.3 -0.2 0.0 0.6 0.7 1.2	75.7 75.2 72.9 72.0 76.7 69.2M 71.1 77.4 79.1 75.3	1.1 1.7 0.9 1.2 1.5 1.8 3.3 2.1 2.4	76.9 75.7 73.5 72.9 76.7 70.1 70.1M 76.6M 77.6 75.6	3.4 3.6 2.5 3.1 2.5 3.5 3.6 2.0 2.2 3.3	71.4M 70.6 68.4 68.4 72.2 64.0 64.3 73.0M 73.6 70.9	5.1 6.0 4.4 5.7 5.5 4.4 4.3 5.0 5.5 5.7	59.4 57.6 57.0 56.0 58.8 52.9 53.2 60.6 62.0 58.4	3.3 4.2 3.7 4.0 3.0 4.0 3.6 3.5 4.3	46.9 45.9 45.8 44.6 46.9 41.1 42.2 49.8 51.6 48.5	1.2 2.7 2.2 2.1 1.2 1.5 1.8 2.7 3.5 3.3	36.7 35.6 35.6 34.0 37.0 31.9 31.4 38.9M 40.3 36.7	1.9 1.7 1.2 0.3 1.8 0.7	M 55.8 54.3 53.4 M 52.7 56.0 M 49.2 M 50.1 M 57.4 58.9 55.4	1.2 2.1 1.2 1.6 1.1 1.2 1.5 1.4 1.9 1.8

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

STATION	JA	AN	FE	ЕВ	M	AR	API	2	M	AY	JU	N	J	UL	AU	JG	SE	P	O	СТ	N(OV	DI	EC	ANN	IUAL
	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.
WAYNESBORO WTP DIVISIONAL DATA>	29.3 28.8	-3.5 -3.5	35.1 34.1	0.2 -1.5	48.5 48.4	6.2 4.7	53.0 53.0	1.5 0.3		-0.8 -1.6	70.3 69.4	0.4 0.1	76.1 74.6	2.6 1.2	76.0 74.7	3.7 2.8	70.9 69.8	6.0 4.7	57.7 57.6	3.5 3.6	45.9 46.3	1.4 2.0	36.8 35.9	1.4 0.0	55.0 54.4	1
SOUTHWESTERN MOUNTAIN OF ABINGDON 3S BIG STONE GAP BLACKSBURG NWSO BURKES GARDEN CHRISTIANSBURG CLINTWOOD 1 W COPPER HILL GALAX RADIO WBRF GALAX WTP GRUNDY JOHN FLANNAGAN LAKE LEBANON NORA 4 SSE N FK LAKE PULASKI 2 E RADFORD 3 N RICHLANDS SALTVILLE 1N STAFFORDSVILLE 3 ENE WISE 1SE WYTHEVILLEDIVISIONAL DATA>		-2.6 -3.5 -2.9	36.1 37.0 33.5 30.5M 34.0 35.4 32.4M 35.8 34.1 36.8 MM 36.9 34.9 MM 34.5 36.0 35.6 33.4 37.2 33.7	-0.7 -0.8 -0.7 -1.1 -1.8 0.8 1.0 -0.2 0.5 1.0 1.4 -1.2 0.4 0.8 -0.5 -1.6 0.4 -0.2 -0.3	49.2 50.2 48.0 43.8M 49.0 47.9 47.1 49.8 MM 49.7 49.7 MM 48.0 47.9 49.3M 48.5 47.6 51.4 48.2 48.6	4.7 4.5 6.4 4.7 5.7 5.5 8.2 6.3 6.1 6.5 8.3 5.1 7.0 7.2 4.7 4.9 6.7 7.1 5.3	54.3 55.1 52.3 47.6M 52.5 53.5 51.5 53.0 50.9 55.2 MM 53.5 52.1M MM 53.4 52.0 52.8 53.4 51.9 55.0 52.1 52.7	1.0 0.8 1.6 -0.3 -0.2 1.6 2.1 0.9 2.4 1.6 1.8 1.3 0.5 0.3 1.4 2.2 1.4	60.8 61.4 59.7 55.0M 59.0 59.1 57.6 M 59.2 60.0 MM 59.8 59.1M MM 60.2 59.5 59.2 61.0 59.7	-1.2 -1.6 0.4 -1.2 -2.0 -0.7 0.3 -1.1 -0.9 -1.6 -0.4 -0.1 -1.0 -0.6 0.1 -1.4 0.3 -0.2	70.3F 72.0 69.1 64.6 69.0 69.1 68.2 69.2M 68.5 71.0M MM 70.1	0.3 1.0 1.4 0.5 0.4 1.5 1.6 1.6 1.6 1.6 0.0 0.0 1.2 0.3 0.6 1.9 2.6 2.0	74.7 75.6 74.0 69.0M 73.3 72.2M M 73.5 76.00 MM 74.3 73.9 MM 74.1M 73.5 74.0M 75.6M 73.5 73.7M 74.5 73.8	1.7 1.2 2.8 1.6 0.9 2.2 3.1 3.2 2.4 2.2 1.8 1.1 2.5 2.7 2.0 2.8 4.1 2.6	75.2 75.5 73.3 68.6M 72.3 73.8 72.0 M 72.9 75.5 77.3M 75.0	3.0 1.5 3.3 2.4 0.9 3.3 3.7 3.3 4.0 2.8 2.4 2.4 3.8 3.6 2.8 3.9 4.0	70.7 70.6 68.8 63.3 68.6 67.5 67.2M M 68.0 70.3 MM 69.3 70.4 MM 68.5 68.5	5.1 3.4 5.7 3.7 4.2 4.1 5.6 4.7 4.5 5.2 4.4 5.0 4.3 5.0 4.3 5.1 6.5 5.1	58.4 58.9 57.1 52.4M 56.9 56.8 56.1M MM 56.8 59.1 MM 57.0 56.8 55.9M 58.0 56.7 57.2M 57.21	3.8 2.9 4.8 3.3 2.4 3.9 3.6 4.4 4.6 2.7 3.7 3.5 4.0 5.3 4.4	47.6 48.6 46.5 41.1 45.2 46.8M M 45.8 46.7 MM 46.2 49.4 MM 46.6 46.3 45.2 46.1 45.5	2.5 2.3 3.2 0.6 1.7 1.9 2.9 1.8 2.0 4.9 3.3 1.0 1.5 1.5 5.0 3.0	37.7 37.8 36.6 34.3 37.0 36.3 35.1 M 39.1 37.7 MM 37.6 36.1 MM 36.8 38.2 36.5M 37.8	1.9 0.9 2.8 2.7 1.3 2.2 4.9 2.1 2.2 2.2 1.4 4.5 1.9 2.4 2.2 0.4	55.5 56.1 54.0 M 49.6 53.8 M 52.9 M 53.8 M 54.9 M 54.9 M 54.9 M 54.2 54.0 M 54.2 M 55.1 53.6 M 55.3 M 55.3	1 1 1 2 2 1 0 0 1 1 2 2 2 2 2 1 1 1 2 2 2 2

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

STATION						L	AST S	PRIN	G MIN	IIMU	M OF						FII	RST	FALL I	MINI	MUM	OF				UMBE ETWE			3
	ST	m	ST		16° (BELC		20° C BELO		24° C BELO		28° (BEL	-	32° C BELC		32° (BELC		28° BEL	-	24° (BELC	-	20° (BELC		16° O BELO		BELOW	BELOW	BELOW	BELOW	BELOW
	HIGHEST	DATE	LOWEST	DATE	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	16° OR BE	20° OR BE	24° OR BE	28° OR BE	32° OR BE
VIRGINIA																													
TIDEWATER 01 DISPUTANTA EASTVILLE EMPORIA I WNW	106	07/12	9	02/14	02/15 MSG 02/15	12	02/15 MSG 02/15	12	04/06 MSG 02/16	24	04/11 MSG 02/16	25 21	04/15 MSG 04/11	32 32	11/08 NONE NONE	30	11/13 NONE NONE	24	11/13 NONE NONE	24	11/22 NONE NONE	20	12/15 NONE NONE	16	304	281	221	216	207
FREDERICKSBURG SEWAGE HOLLAND I E HOPEWELL NORFOLK INTL AP NORFOLK SOUTH		07/24 07/18 08/10 07/28 08/14	9 14 14 17 15	02/14 02/14 12/16 02/14 02/14	02/15 02/14 02/14 MSG 02/14	10 14 14 15	02/19 02/14 02/15 02/14 02/14	20 14 20 17 15	03/03 02/27 02/27 02/15 02/15	24 24 24 23 22	04/11 04/06 04/07 02/15 02/19	27 27 28 23 26	04/11 04/10 04/07 04/06 04/06	27 29 28 32 29	11/09 11/12 11/22 11/13 NONE	32 31 23 28	11/13 11/13 11/22 11/13 NONE	26 27 23 28	11/21 11/22 11/22 12/15 NONE	23 23 23 24	12/17 12/16 12/10 NONE NONE	15 17 20	12/17 NONE 12/16 NONE NONE	15 14	306 306	302 306 299	263 269 269 304	216 221 229 272	212 216 229 221
NORTH PAINTER 2W STONY CREEK 2 N SUFFOLK LAKE KILBY WAKEFIELD INW WALKERTON 2 NW		08/31 08/15 08/13 07/06 07/24 07/25	13 16 10 15 9 7	01/19 02/14 02/14 02/14 01/20 02/14	02/15 02/14 02/15 02/14 02/14 02/14	16 16 11 15 10 7	02/15 02/15 02/15 02/15 02/27 02/14	16 18 11 20 20 7	02/19 02/19 03/03 02/15 04/10 03/03	22 22 24 20 24 23	04/06 04/06 04/11 02/27 04/10 04/06	27 26 28 27 24 26	04/10 04/09 04/11 04/10 04/16 04/10	30 32 28 31 32 29	11/13 11/08 11/08 11/13 11/07 11/08	30 32 31 31 32 32	11/22 12/11 11/13 11/22 11/08 11/13	25 25 24 26 26 26 26	12/10 12/16 11/13 12/10 11/13 11/22	24 21 24 24 23 20	12/16 NONE 11/22 12/16 11/22 11/22	20 18 19 20	12/16 NONE 12/16 NONE 12/15 12/15	16 13 15 14	305 305 305 305	305 281 305 269 282	295 301 255 299 217 264	230 249 216 269 212 221	217 213 211 217 205 212
WALLACETON LK DRUMMOND WALLOPS ISLAND NASA TEST FACIL WARSAW 2 NW WEST POINT 2 NW WILLIAMSBURG 2 N	100 98 101 97 98	07/27 08/14 07/25 08/26 08/26	6 13 13 10 15	01/19 02/14 12/16 02/14 02/14	02/19 02/14 02/12 02/14 02/14	12 13 14 10 15	04/06 02/14 02/19 02/19 02/14	17 13 19 20 15	04/18 02/19 03/03 03/03 02/19	24 22 24 24 24 24	04/18 04/06 04/06 04/06 03/03	24 26 25 26 28	04/25 04/10 04/15 04/10 04/06	32 31 31 29 29	10/29 11/12 11/10 11/12 11/12	32 31 32 30 32	11/06 11/23 11/27 11/13 11/22	28 28 28 27 25	11/13 12/11 12/10 11/22 12/10	16 24 23 21 24	11/13 12/15 12/16 12/15 12/16	16 18 13 15 18	11/13 NONE 12/16 12/15 NONE	16 13 15	268 308 305	221 305 301 300 306	209 296 282 264 295	202 231 235 221 264	187 216 209 216 220
EASTERN PIEDMONT 02 AMELIA COURTHOUSE 1 ASHLAND CAMP PICKETT CHASE CITY CLARKSVILLE CORBIN CROZIER FARMVILLE 2 N	95 95 95 98 97 95	07/28 07/25 08/15 08/27 07/27 07/25 09/10 07/25	10 7 8 14 14 4 7	02/14 02/14 11/12 12/11 02/15 02/14 02/15 01/07	02/14 02/15 02/15 MSG 02/15 02/14 02/15 02/15	10 7 10 14 4 7 10	02/15 02/27 02/27 02/14 02/15 02/27 02/27	18 20 20 18 14 20 20 20	03/03 03/03 04/06 02/15 02/28 03/03 04/11 03/04	23 22 24 22 22 22 22 22 23	04/10 04/10 04/10 04/10 04/11 04/11 04/11	26 25 26 28 28 26 22 26	04/10 04/10 04/15 04/10 04/11 04/14 04/11	26 25 31 28 28 32 22 26	11/13 11/08 11/08 11/13 11/09 11/08 11/08	26 32 31 26 29 32 30 32	11/13 11/13 11/10 11/13 11/12 11/13 11/13	26 27 18 26 24 27 24 23	12/10 11/22 11/10 12/02 11/12 11/21 11/13 11/13	19 19 18 23 24 23 24 23 24 23	12/10 11/22 11/10 12/11 12/10 12/10 11/23 12/10	19 19 18 14 20 20 10 16	12/16 12/16 11/12 12/11 NONE 12/15 11/23 12/10	14 12 8 14 11 10 16	306 306 271 305 282 299	299 269 257 301 299 287 270 287	282 264 218 291 258 263 216 254	217 217 214 217 215 217 216 216	217 212 207 217 212 208 211 209
GREENBAY 3 NE JOHN H KERR DAM KEYSVILLE 2 S LOUISA PALMYRA 3S PETERSBURG RICHMOND INTL AP SANDSTON	101 97 95 94 100 99 71	08/27 07/27 08/26 09/10 08/15 08/26 02/04	11 11 4 3 12 9	02/14 02/15 02/14 02/14 02/13 02/14 01/20	MSG 02/15 02/15 02/14 02/15 02/14 02/14 01/26	15 11 4 5 13 9 14	MSG 02/15 02/16 04/10 04/06 02/14 02/15 01/26	15 20 20 20 13 20 14	MSG 02/27 03/04 04/10 04/11 02/27 03/03 01/31	22 23 20 22 23 23 21	MSG 04/10 04/11 04/15 04/11 04/10 04/10 02/07	28 25 28 22 27 27 27 25	MSG 04/10 04/11 04/17 04/17 04/10 04/10 02/08	28 25 32 31 27 27 30	NONE 11/13 11/13 10/11 10/26 11/12 11/12 NONE	25 26 32 32 26 29	NONE 11/13 11/13 11/05 11/08 11/12 11/13 NONE	25 26 28 27 26 26	NONE 12/10 12/10 11/13 11/13 11/21 11/22 NONE	20 17 21 20 22 21	NONE 12/10 12/10 11/21 11/13 12/09 12/15 NONE	20 17 20 20 19 17	NONE 12/16 12/11 11/22 12/10 12/15 12/16 NONE	16 16 16 14 16 15	305 300 282 299 305 306	299 298 225 221 299 304	287 281 217 216 268 264	217 216 204 211 216 217	217 216 177 192 216 216
WESTERN PIEDMONT 03 APPOMATTOX BROOKNEAL CHARLOTTESVILLE 2W CHATHAM DANVILLE RGNL AP	96 99 92	07/27 09/09 07/27 07/25 07/26	9 8 9 8 13	02/14 02/14 02/15 02/14 02/14	02/15 02/15 02/15 02/15 02/14	13 12 9 13 13	02/16 02/15 02/16 02/20 02/14	20 12 19 20 13	02/27 04/06 02/27 04/11 04/10	23 24 24 24 24 24	04/10 04/10 04/10 04/11 04/10	26 26 28 24 24	04/10 04/16 04/11 04/18 04/10	26 32 29 32 24	11/13 11/05 11/21 11/06 11/08	29 32 32 30 30	11/21 11/13 12/09 11/13 11/12	26 21 25 19 27	12/09 11/13 12/10 11/13 11/13	24 21 22 19 20	12/10 12/10 12/16 11/13 11/13	19 16 14 19 20	12/16 12/10 12/16 12/10 12/10	13 16 14 15 16	305 299 305 299 300	298 299 304 267 273	286 221 287 216 217	225 217 243 216 216	217 203 224 202 212

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

STATION						L	AST S	PRIN	G MIN	IMU	M OF						FI	RST	FALL N	MINI	MUM	OF					ER OF		S
	ST	(m)	EST	m	16° (BELC		20° C BELO		24° O BELO	- 1	28° (BELC		32° C BELC		32° C BELC		28° BEL	-	24° (BELC		20° (BELC		16° O BELO		BELOW	BELOW	BELOW	ELOW	BELOW
	HIGHES	DATE	LOWE	DATE	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	16° OR BI	20° OR BI	24° OR BI	28° OR BELOW	32° OR BI
FREE UNION LYNCHBURG INTL AP MARTINSVILLE FLTR PLT MEADOWS OF DAN 5 SW MONTEBELLO FISH CULTURAL STN MONTICELLO ROCKY MT	95 98 91 94	07/27 07/26 07/26 08/16 07/27 07/26 07/27	3 7 7 11 1 8 7	02/14 02/14 02/14 02/14 02/14	02/15 02/14 02/15 02/15 02/17 02/15 02/15	3 7 13 13 12 13	03/03 02/15 02/19 02/17 04/10 02/15 02/15	20 19 20 19 19 13 7	04/11 04/10 04/11 02/17 04/10 02/28 04/11	23 22 23 19 19 24 24	04/11 04/10 04/11 04/11 04/23 03/04 04/11	23 22 23 27 27 27 25 24	04/17 04/10 04/17 04/11 04/23 03/07 04/16	32 22 31 27 27 31 32	12/02 11/08 11/06 11/08 10/11 NONE 11/08	29 32 30 30 31	12/03 11/12 11/13 11/22 11/13 NONE 11/13	28 28 19 27 25	12/10 11/13 11/13 12/10 11/14 NONE 11/13	20 22 19 18 24	12/10 12/10 11/13 12/10 12/09 NONE 12/10	20 14 19 18 16	12/16 12/10 12/10 12/16 12/09 NONE 12/16	12 14 15 16 16	305 300 299 305 296	282 299 268 297 243	243 217 216 297 218	236 216 216 225 204	229 212 203 211 171
SOUTH BOSTON STUART TYE RVR 1 SE	98	09/10 07/26	12 10	02/14	02/15 02/15 02/15 MSG	14 15	02/15 02/16 MSG	14 20	02/28 02/16 MSG	21 20	04/10 04/10 MSG	26 25	04/11 04/10 MSG	32 25	11/13 11/13 NONE	23 24	11/13 11/13 11/13 NONE	23 24	11/13 11/13 11/13 NONE	23 24	12/10 12/10 12/10 NONE	18 16	NONE 12/10 NONE	16	299	299 298	259 271	217 217	216 217
NORTHERN 04 EDINBURG FRONT ROYAL LINCOLN LURAY 5 E MADISON MANASSAS MT WEATHER PIEDMONT RSCH STN SOMERSET SPERRYVILLE STERLING (RCS) VIENNA WARRENTON 3 SE WASHGTN DULLES INTL AP	104 95 100 94 96 98 101 102 97 65 100	07/26 07/26 07/26 07/26 07/26 07/26 09/10 07/26 07/26 08/14 02/21 07/25	3 9 4 5 5 9 7 10 6 4	01/25 02/14 12/16 02/15 02/14 02/14 12/16 02/15 02/15 02/14 01/25	MSG 02/15 02/19 02/16 MSG 02/15 02/15 02/15 01/30 02/15 02/15 02/15 02/15	8 15 11 11 5 5 8 16 7 10 16 7	MSG 03/19 03/03 04/10 MSG 02/20 02/16 02/28 03/03 02/19 02/20 02/15 02/19	20 20 20 18 5 20 20 20 19 10 20 18	MSG 03/19 04/10 04/10 MSG 03/04 04/11 04/10 04/10 03/03 04/07 02/20 02/19 04/06	20 24 20 23 22 23 22 21 24 22 20 24	MSG 04/11 04/14 04/11 MSG 04/10 04/10 04/10 04/11 04/10 04/11 04/11 04/11 04/11 02/19 04/10	26 28 28 26 22 23 22 27 27 25 20 25	MSG 04/11 04/15 04/15 MSG 04/11 04/11 04/11 04/14 04/14 04/15 02/19 04/14	26 32 32 31 22 31 32 32 32 32 32 32 32	NONE 11/13 10/26 10/26 NONE 11/08 11/12 11/13 11/05 11/12 10/26 11/08 NONE NONE	28 32 32 30 31 24 29 30 32 32	NONE 11/13 11/28 11/12 NONE 11/15 11/21 11/13 11/13 11/13 NONE NONE	28 25 27 27 27 24 22 27 27 27	NONE 11/24 12/15 11/22 NONE 11/23 12/09 11/13 11/13 11/22 11/13 11/24 NONE NONE	23 23 19 22 22 24 22 22 23 24	NONE 12/11 12/16 11/22 NONE 12/16 12/15 12/16 12/10 12/16 11/23 12/16 NONE NONE	20 16 19 9 18 12 19 9 20 11	NONE 12/16 12/16 12/16 NONE 12/16 12/16 12/16 12/16 12/16 12/16 NONE NONE	11 16 6 9 5 12 11 9 9	305 301 304 305 304 306 305 321 305 305	267 288 226 300 303 292 282 301 277 305	250 249 226 264 242 217 217 264 220 278	216 228 215 219 224 217 217 217 211 216	216 194 194 211 215 216 205 212 195 207
WASHINGTON REAGAN NATL AP WINCHESTER WINCHESTER 7 SE WOODSTOCK 2 NE	99 97	08/13 07/24 07/25 08/28	6 -2		02/14 02/15 02/14 02/15	13 8 4 15	02/15 02/19 04/10 04/10	20 20 20 20 20	02/15 03/03 04/10 04/10	20 23 20 20	02/27 04/11 04/14 05/16	27 26 28 26	04/10 04/11 04/17 05/16	31 26 30 26	11/23 11/12 10/25 10/26	32 30 29 30	12/10 11/13 11/07 11/12	26 28 28 26	12/15 11/23 11/12 11/22	18 24 20 23	12/15 12/15 11/12 11/23	18 19 20 20	NONE 12/16 12/15 12/16	9 5 8	305 305 305	304 300 216 227	304 265 216 226	287 216 207 180	227 215 191 163
CENTRAL MOUNTAIN 05 COVINGTON FLTR PLT DALE ENTERPRISE GATHRIGHT DAM HOT SPRINGS LEXINGTON MILLGAP MUSTOE 1 SW ROANOKE 8 N ROANOKE INTL AP STAUNTON WTP WAYNESBORO WTP	94 90 90 96 90 89 97 98 93	08/14 09/11 07/25 07/25 07/25 07/24 07/23 07/25 07/26 07/25	3 1 1 1 5 -9 -5 9 4 3	02/15 02/10 02/15 02/15 02/15 01/25 01/24 02/14 02/14	02/15 02/15 02/16 02/16 02/15 04/11 03/03 02/14 02/14 02/15 02/15	3 4 16 15 5 11 14 9 9 6 3	03/03 03/04 03/03 04/11 02/16 04/14 04/10 02/14 02/15 02/16	20 19 19 20 19 20 17 9 19	04/11 03/04 04/11 04/11 04/16 04/10 03/03 02/15 04/10 04/11	24 19 22 20 24 23 17 24 19 22 22	04/11 04/14 04/11 04/11 04/11 04/25 04/16 04/11 04/10 04/11	24 28 22 20 24 28 27 26 25 25 22	04/14 04/16 04/13 04/15 04/15 05/16 05/16 04/11 04/10 04/13	31 32 32 32 31 32 32 26 25 32 30	11/06 10/26 11/12 11/06 11/05 10/10 10/11 11/13 11/12 11/05 11/05	31 32 30 32 32 32 31 26 30 32 31	11/13 11/12 11/13 11/12 11/13 10/25 11/05 11/13 11/13 11/12	22 27 24 28 22 28 25 26 28 28 24	11/13 11/13 11/13 11/14 11/13 11/05 11/12 12/09 12/09 12/09 11/13	22 21 24 24 22 23 22 24 22 20 24	11/23 11/22 12/10 12/09 11/22 11/12 11/13 12/10 12/10 12/09 12/10	20 19 15 20 20 19 17 18 18 20 15	12/16 12/10 12/10 12/10 12/10 11/13 12/10 12/16 12/15 12/10	10 14 15 14 15 14 9 13 15 16 15	305 299 298 298 299 216 282 306 305 299	265 263 282 242 280 212 217 300 299 297 298	216 254 216 217 216 203 216 281 298 243 216	216 212 216 215 216 183 203 216 217 215 216	206 193 213 205 204 147 148 216 216 206 205
SOUTHWESTERN MOUNTAIN 00 ABINGDON 3S BIG STONE GAP BLACKSBURG NWSO	93 92	07/25 07/28 07/25	4 7 5		02/15 02/15 02/16	12 14 15	02/16 02/15 04/11	20 14 19	04/11 03/03 04/11	24 24 19	04/11 04/11 04/11	24 28 19	04/13 04/11 04/17	32 28 31		32 31 32	11/12 11/11 11/12	26 27 28	11/20 11/21 11/13	24 22 19	11/21 12/10 11/13	19 13 19	12/10 12/10 12/10	11 13 15	299 299 298	279 299 216	223 263 216	215 214 215	212 195 202

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

STATION						L	AST S	PRIN	G MIN	IIMU	M OF						FII	RST I	FALL N	MINI	MUM	OF					ER OF EN D		
TS		, L	16	m	16° C BELC		20° C BELO	- 1	24° O BELO	- 1	28° (BEL	- 1	32° C BELC		32° (BELC		28° BEL		24° (BELC	- 1	20° (BELC	-	16° O BELO		BELOW	BELOW	BELOW	ELOW	BELOW
HIGHES	DATE	IOWE	LOWESI	DATE	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	16° OR BI	20° OR BI	24° OR BI	28° OR BELOW	32° OR BI
BURKES GARDEN 87 CHRISTIANSBURG 93 CLINTWOOD 1 W 91 COPPER HILL 90 GALAX RADIO WBRF 88 GALAX WTP 90 GOHN FLANNAGAN LAKE 98 LEBANON 94 NORA 4 SSE 88 N FK LAKE 92 PULASKI 2 E 93 RADFORD 3 N 92 RICHLANDS 93 SALTVILLE 1N 95 STAFFORDSVILLE 3 ENE 92 WISE 3E 88	07/: 07/: 07/: 07/: 06/ 07/: 07/: 07/: 07/: 07/: 07/: 07/:	225 225 224 227 113 227 225 228 228 227 225 225 225 225 225 225 225 225 225	-2 (5 1 1 7 7 7 7 8 4 4 4 6 6 6 6 6 4 6 3 3 6 4 6 3 6 6 6 6	01/25 02/14 01/25 02/14 01/20 02/14 01/20 02/14 01/19 02/14 02/14 02/14 02/14 02/14 02/14 02/14	04/10 02/16 02/15 02/15 02/15 02/15 02/15 02/15 02/15 02/15 02/15 02/16 02/16 02/16 02/16 02/16 02/16	10 15 9 13 13 14 10 15 9 8 6 16 16 5 16 16 3	04/11 02/16 02/15 04/11 02/15 02/15 02/16 02/15 02/16 04/10 04/10 03/04 02/15 04/11	20 15 9 19 13 14 10 0 8 6 6 20 20 20 20 20 20 20 20	04/14 04/11 04/11 04/11 04/11 04/11 04/12 03/03 04/11 04/10 04/11 04/10 04/11	22 22 22 29 21 21 22 24 23 22 22 20 22 21 23 20 20 20 20 20 20 20 20 20 20 20 20 20	04/17 04/11 04/14 04/11 04/11 04/11 04/11 04/14 04/13 04/13 04/13 04/13 04/13 04/14 04/10 04/11	28 22 27 19 21 22 28 26 6 22 27 28 28 22 27 28 20 20 20 20 20 21 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20	05/17 04/11 04/14 04/18 04/18 04/14 04/14 04/14 04/17 04/17 04/17 04/17 04/18 04/14	32 22 27 19 31 30 29 29 28 26 29 31 32 32 32 32 31 31 31 31 31 31 31 31 31 31 31 31 31	10/11 11/12 10/23 11/13 NONE 10/26 11/11 11/14 10/23 11/12 NONE 10/26 10/23 10/24 10/26 NONE 10/26	31 31 30 29 31 29 28 31 31 30 30 31 32 31	10/25 11/13 11/07 11/14 NONE 11/06 11/13 11/14 11/11 11/20 NONE 11/11 11/06 NONE 11/11	27 23 28 28 28 25 28 27 26 28 27 27 28 28 27 27 28 28 27 27 22 28 27 27 28 28 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	10/27 11/13 11/13 11/21 NONE 11/13 11/21 11/22 11/13 11/21 NONE 11/13 11/13 11/13 11/13 11/13 11/13 11/13 11/13	24 23 21 23 18 22 21 21 21 21 19 18 22 22 22 21 21 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 22	11/06 12/09 11/21 12/09 NONE 11/13 11/22 11/14 12/09 NONE 11/13 11/13 11/22 11/13 NONE 12/09	19 20 20 19 18 20 16 20 16 19 18 16 19 18 20	11/13 12/10 12/10 12/10 12/10 NONE 12/10 12/12 11/22 11/22 11/22 12/09 NONE 12/10 12/10 12/10 12/10 12/10 12/10	8 14 12 13 16 15 16 10 10 14 11	217 298 299 298 305 304 281 298 305 281 298	209 297 280 242 271 281 304 256 298 217 217 263 272 2116 242	196 216 216 224 215 225 215 263 217 216 216 216	\$\times\$ 191 216 207 217 229 216 223 223 207 212 210 206 216	147 215 192 216 191 211 214 192 215 192 189 192 191

MONTHLY AND SEASONAL COOLING DEGREE DAYS BASE = 65 DEGREES FAHENHEIT

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
VIRGINIA														
TIDEWATER 01														
DISPUTANTA	0	0	6	28	70	249	454	447	265	52	4	0	1575	
EASTVILLE	-	-		-	-		-	-	-	-	-		-	
EMPORIA 1 WNW	0	0	11	43	154E	606E	663E	- 455E	2625	-	-	0	15745	
FREDERICKSBURG SEWAGE HOLLAND 1 E	0	0	8E 8	10E 9	57 65	291E 234	455E 419	455E 398	263E 292	32E 92	3E 4	0	1574E 1521	1210
HOPEWELL	0	0	15	41	109	337	503	482	341	198E	23E	0	2049E	1619
NORFOLK INTL AP	ŏ	ŏ	18	30	109	324	554	517	331	104	11	0	1998	1612
NORFOLK S	0	0	13	24	92	285	507	484	300	86	8	0	1799	
NORTH	0	0	7	22	58	232	449	453	275	65	2	0	1563	1224
PAINTER 2W STONY CREEK 2 N	0	0	8 4	21 15	74 93	277 304	497 496	469 486	292 283	85 53	5 6	0	1728 1740	1334 1409
SUFFOLK LAKE KILBY	0	0	9	25	71	276	476	463	280	73	7	0	1680	1427
WAKEFIELD 1NW	ő	ŏ	<u>9</u>	33	93	256	489	472	281	69	7	ŏ	1709	1356
WALKERTON 2 NW	0	0	16	29	87	300	476	476	329	81	8	0	1802	1254
WALLACETON LK DRUMMOND	0	0	5	12	43E	187	393	352	.	50E	0	0	.	
WALLOPS ISLAND NASA TEST FACIL	0	0	3	13	58 06F	243	489	475	288	72	3	0	1644	1000
WARSAW 2 NW WEST POINT 2 NW	0	0	19E 10	38E 31	96E 91	290E 295	583E 502	452E 483	281E 304	61E 62	14E 6	0	1834E 1784	1282 1446
WILLIAMSBURG 2 N	0	0	14	33	91	293	511	504	324	84	7	0	1868	1364
	Ü	Ŭ				->,	011		52.	0.	,	Ŭ	1000	100.
EASTERN PIEDMONT 02 AMELIA COURTHOUSE 1	0	0	14E	34E	78E	269E	461E	452	284E	56E	4E	0	1652E	1125
ASHLAND	0	0	146	27	70	256	401E 421	427	236	43	3	0	1497	1123
BREMO BLUFF	0	ŏ	7	16	51	244	446E	430	280	35E	6E	0	1515E	1111
CAMP PICKETT	Ö	Õ	4	20	70	232	426	428	268	46	3E	0	1497E	1158
CHASE CITY	0	0	2	21	78	254	438	451	286	48	2	0	1580	1316
CLARKSVILLE	0	0	13	39E	102	314	499	487E	332	79E	7	0	1872E	1155
CORBIN CROZIER	0	0	13 14E	24 14	75 56	272 237E	443 404	448E 406	107E 237	52 36	6 2	0	1440E 1406E	1155 1193
FARMVILLE 2 N	0	0	4	23	62	237	436	437	324	60E	6	0	1587E	1218
GREENBAY 3 NE	-	-	-	-	-	-	-	-	-	-	-	Ü	-	1210
JOHN H KERR DAM	0	0	17	54	126	350	565	568	378	88	11	0	2157	1383
KEYSVILLE 2 S	0	0	5	23	60	237	430	426	282	51	5	0	1519	0.54
LOUISA PALMYRA 3S	0	0	10	22 20	67 54	239 234	398 333E	392 359E	227 205	34 17	3 2	0	1392 1230E	854
PETERSBURG	0	0	7	27	77	263E	471E	489	294	60E	10E	0	1698E	
RICHMOND INTL AP	ő	ŏ	6	24	79	295	468	482	279	62	4	0	1699	1435
SANDSTON	Õ	0	-	-	-	-	-	-	-	-	-		-	
WESTERN PIEDMONT 03														
APPOMATTOX	0	0	6	25	66	250	423	417	276	32E	4	0	1499E	1052
BROOKNEAL	0	0	6E	28	71	245	446	430	286	27	1	0	1540E	1015
CHARLOTTESVILLE 2W	0	0	12	25	76	270	464	416	272	42	5	0	1582	1212
CHATHAM DANVILLE DONL AD	0	0	3	11	26 92	165 276	337	346 438	192 304	21	0	0	1101	971
DANVILLE RGNL AP FREE UNION	0	0	21	26 12	51	276 174	452 356	438 344	304 182	34 25E	8	0	1651 1145E	
LYNCHBURG INTL AP	0	0	3	14	54	229	393	385	240	34	6	0	1358	1075
MARTINSVILLE FLTR PLT	ŏ	ő	4E	24	61	231E	397	374	230E	26	ő	ŏ	1347E	921
MEADOWS OF DAN 5 SW	0	0	0	15	47E	184E	323E	304	175	12	0	0	1060E	
MONTEBELLO FISH CULTURAL STN	0	0	0	0	9E	129E	304E	310E	120E	8E	0	0	880E	
MONTICELLO	0	0	2	-	59	227E	403	-	-	-	-		-	

MONTHLY AND SEASONAL COOLING DEGREE DAYS BASE = 65 DEGREES FAHENHEIT

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
ROCKY MT SOUTH BOSTON STUART TYE RVR 1 SE	0 0 0	0 0 0	6 2E 2	30 21 31	63 79 76	239E 277 228	416E 478 388	371 466 366	230E 318 253E	23 56 30	4 7 2	0 0 0	1382E 1704E 1376E	984 1159 967
NORTHERN 04 EDINBURG FRONT ROYAL LINCOLN	- 0 0	- 0 0	5 0	6E 3	52E 53E	213 243E	358E 518E	339E 482E	173E 232E	28 22	0 0	0 0	1174E 1553E	911
LURAY 5 E MADISON MANASSAS MT WEATHER PIEDMONT RSCH STN	0 0 0 0	0 0 0 0	10 9 2 6	4 13E 6 17	47 - 92E 52 75	179 - 322E 174 242	320 502 341 404	329 - 472E 330 407	172 - 274E 164 258	23 - 34E 29 30	0 -4E 0 3	0 0 0	1084 - 1722E 1098 1442	862 625 1042
SOMERSET SPERRYVILLE STERLING (RCS) VIENNA	0 0 0 0	0 0 0 0	6 3E 3 1	15 12E 8E 5	62 53E 68 57	242 169E 260 221	413 383E 440E 408	415 413E 458E 413	253 225E 261 177E	32 34E 31 23	4 5E 1 0	0 0 0	1442 1297E 1530E 1305E	824
WARRENTON 3 SE WASHINGTON DULLES INTL AP WASHINGTON REAGAN NATL AP WINCHESTER WINCHESTER 7 SE WOODSTOCK 2 NE	0 0 0 0 0	0 0 0 0 0	5 3 4 0 2	18 33 6 0	75 92 63 67 54	253 345 234 199E 180	459 557 399 379 351	453 556 394 361E 351	255 338 225 195E 186	39 64 24 24 17	2 6 1 0	0 0 0 0	1559 1994 1350 1225E 1143	1075 1531 907 855 848
CENTRAL MOUNTAIN 05 COVINGTON FLTR PLT DALE ENTERPRISE GATHRIGHT DAM HOT SPRINGS LEXINGTON MILLGAP MUSTOE 1 SW	0 0 0 0 0	0 0 0 0 0	2E 0 0 0 1 0	16 2 6 10 15 0	61 34 26 23 50 7	186E 176 114 108 197 34 56	340 324 252 228 372 143E 198	376 339 269 255 369 179 176E	205E 180 127 129 224 47 41	25 18 6 7 17 0	1 2 0 0 0 0	0 0 0 0 0	1212E 1075 800 760 1245 410E 483E	846 758 679 579 881
ROANOKE 8 N ROANOKE INTL AP STAUNTON WTP WAYNESBORO WTP	0 0 0 0	0 0 0 0	4 10 1 0	27 39 9 4	58E 76 43 45	231E 280 185 174	390 445 329 351	369E 399 337 347	250E 264 191 185	23 40 24 16	4 10 0 1	0 0 0 0	1356E 1563 1119 1123	1134 622
SOUTHWESTERN MOUNTAIN 06 ABINGDON 3S BIG STONE GAP BLACKSBURG NWSO BURKES GARDEN CHRISTIANSBURG CLINTWOOD 1 W COPPER HILL	0 0 0 0 0 0	0 0 0 0 0 0	1 2 0 0 0 0 0	5 8 8 0 5 1	37 45 29 1E 25 26 18	170 221 143 55 138 140 123	311 338 284 134E 266 266 234E	326 333 265 131E 236 282 229	183 187 137 34 127 108 94E	6 10 5 0 4 3 8E	0 0 0 0 0 0	0 0 0 0 0	1039 1144 871 355E 801 826 713E	736 937 533 225
GALAX RADIO WBRF GALAX WTP GRUNDY JOHN FLANNAGAN LAKE LEBANON NORA 4 SSE	0 0 0 0 0	0 0 0 0 0	0 0 0 10 3	1 6 12E 6 13E	17 36 45E 26 38E	155E 130 198E 283E 174 183E	269 348 393E 295 283	251 335 388E 315 289E	107 180 245E 146 187	1 7 44E 3 13	0 0 6E 0 7	0 0 0 0	776 1110E 1416E 975 1016E	1035 631
N FK LAKE PULASKI 2 E RADFORD 3 N	0 0 0	0 0 0	0 0 0	0 11 4	43E 28 26	203E 138E 126	324E 292E 269	318E 269 267	155E 126 119	10E 4 1	0 0 1	0 0 0	1053E 868E 813	574

MONTHLY AND SEASONAL COOLING DEGREE DAYS BASE = 65 DEGREES FAHENHEIT

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
RICHLANDS SALTVILLE 1N STAFFORDSVILLE 3 ENE WISE 1SE WYTHEVILLE	0 0 0 0 0 0	0 0 0 0 0 0	1E 1 1 0 0	0 2 3 6 5	20E 33 31 25 21	149 162E 130 162 154	286E 339E 271 275E 304	305E 337E 263 282 267E	128E 179 120 156 142	2E 9 3 13 9E	0 0 0 0 1 1	0 0 0 0 0 0	891E 1062E 822 920E 903E	NORM 622 734 564 605 503

TOTAL PAN EVAPORATION AND WIND MOVEMENT

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
VIRGINIA EASTERN PIEDMONT 02 JOHN H KERR DAM	WIND EVAP MAX TEMP MIN TEMP	- - - -			- - -	- - - -		- - -	825 5.67 -	944 4.51 -	1063 - - -	632	886 - - -	- - -

STATION INDEX

								EARS OF ECORD		OPENE OR CLO DURING	OSED	SEE
STATION	INDEX NO.	DIVISION NO	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	TEMP.	PRECIP.	EVAP.	MONTH	MONTH	REFERENCE NOTES
VIRGINIA												
ABINGDON 3S	0021	06	WASHINGTON	36 40	81 58W	1925	48	48	0			Н
ALBERTA 5N	0079	02	BRUNSWICK	36 56	77 54W	376	0	13	0			Н
ALTAVISTA	0166	03	CAMPBELL	37 7	79 17W	529	0	67	0			CH
AMELIA COURTHOUSE 1	0187	02	AMELIA	37 21	77 59W	345	40	40	0			Н
APPOMATTOX	0243	03	APPOMATTOX	37 20	78 50W	850	56	80	0			Н
ASHLAND	0327	02	HANOVER	37 45	77 29W	220	106	106	0			Н
BEDFORD 4 NW	0561	03	BEDFORD	37 23	79 34W	1228	3	14	0			CH
BIG STONE GAP	0735	06	WISE	36 52	82 46W	1464	27	27	0			Н
BLACKSBURG NWSO	0766	06	MONTGOMERY	37 12	80 25W	2103	65	65	0			СН
BREMO BLUFF	0993	02	FLUVANNA	37 43	78 17W	225	38	78	0			СН
BROOKNEAL	1082	03	CAMPBELL	37 4	78 57W	408	35	58	0			Н
BUCKINGHAM	1136	02	BUCKINGHAM	37 30	78 32W	580	11	87	0			Н
BUENA VISTA	1159	05	ROCKBRIDGE	37 44	79 22W	840	18	79	0			Н
BURKES GARDEN	1209	06	TAZEWELL	37 6	81 20W	3068	121	121	0			Н
CAMP PICKETT	1322	02	NOTTOWAY	37 2	77 57W	330	45	45	0			СН
CHARLOTTESVILLE 2W	1593	03	ALBEMARLE	38 2	78 31W	866	123	123	0			Н
CHASE CITY	1606	02	MECKLENBURG	36 47	78 29W	510	70	70	0			Н
CHATHAM	1614	03	PITTSYLVANIA	36 49	79 25W	651	95	95	0			СН
CHRISTIANSBURG	1692	06	MONTGOMERY	37 8	80 24W	2100	22	22	0			Н
CLARKSVILLE	1746	02	MECKLENBURG	36 37	78 33W	330	20	126	0			Н
CLINTWOOD 1 W	1825	06	DICKENSON	37 9	82 29W	1780	24	24	0			Н
CONCORD 4 SSW	1955	03	CAMPBELL	37 17	78 58W	815	2	67	0			Н
COPPER HILL	1999	06	FLOYD	37 5	80 9W	2690	7	77	0			Н
CORBIN	2009	02	CAROLINE	38 12	77 22W	220	58	58	0			Н
COVINGTON FLTR PLT	2044	05	ALLEGHANY	37 49	79 59W	1244	57	57	0			CH
CROZIER	2142	02	GOOCHLAND	37 40	77 53W	350	41	41	0			Н
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56W	1358	124	124	0			CH
DANVILLE RGNL AP	2250	03	PITTSYLVANIA	36 34	79 20W	571	35	35	0			CH
DISPUTANTA	2400	01	PRINCE GEORGE	37 7	77 12W	15	11	11	0			Н
EASTVILLE	2635	01	NORTHAMPTON	37 23	75 58W	10	22	22	0			Н
EDINBURG	2663	04	SHENANDOAH	38 48	78 35W	928	20	20	0			Н
EMPORIA 1 WNW	2790	01	GREENSVILLE	36 42	77 34W	100	36	88	0			Н
FARMVILLE 2 N	2941	02	CUMBERLAND	37 20	78 23W	450	98	98	0			Н
FREDERICKSBURG SEWAGE	3204	01	FREDERICKSBURG	38 17	77 27W	15	22	22	0			Н
FREE UNION	3213	03	ALBEMARLE	38 5	78 35W	590	10	61	0			Н
FRONT ROYAL	3229	04	WARREN	38 54	78 11W	930	22	22	0			CH
GALAX RADIO WBRF	3267	06	CARROLL	36 40	80 55W	2385	63	67	0			Н
GALAX WTP	3272	06	CARROLL	36 39	80 55W	2360	20	20	0			CH
GATHRIGHT DAM	3310	05	ALLEGHANY	37 57	79 57W	1770	37	37	17	1	1	CH
GLASGOW 1 SE	3375	05	ROCKBRIDGE	37 37	79 26W	737	11	50	0	1	1	Н
GREENBAY 3 NE	3565	02	PRINCE EDWARD	37 11	78 17W	500	11	11	0	1	AUG	Н
GRUNDY	3640	06	BUCHANAN	37 17	82 5W	1170	57	68	0			Н
HOLCOMB ROCK	4039	03	BEDFORD	37 33	79 24W	900	4	39	0			H

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		O						EARS OF ECORD		OPENI OR CLO DURING	OSED	SEE
STATION	INDEX NO.	DIVISION NO	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	TEMP.	PRECIP.	EVAP.	MONTH	MONTH	REFERENCE NOTES
HOLLAND 1 E HOPEWELL HOT SPRINGS HUDDLESTON 4 SW JOHN FLANNAGAN LAKE JOHN H KERR DAM KEYSVILLE 2 S LAFAYETTE 1 NE LEBANON LEXINGTON LINCOLN LOUISA LURAY 5 E LYNCHBURG INTL AP R MADISON MANASSAS MARTINSVILLE FLTR PLT MEADOWS OF DAN 5 SW MILLGAP MONTICELLO MT WEATHER MTN GROVE MUSTOE 1 SW N FK LAKE NEW CASTLE NORA 4 SSE NORFOLK INTL AP R NORFOLK S NORTH PAINTER 2W PALMYRA 3S PEDLAR DAM PETERSBURG PIEDMONT RSCH STN PULASKI 2 E RADFORD 3 N RICHLANDS RICHMOND INTL AP R ROANOKE 8 N ROANOKE 8 N ROANOKE 8 N ROANOKE INTL AP R ROANOKE 8 IN ROANOKE INTL AP R ROANOSTON	4044 4101 4128 4148 4410 4414 4568 4676 4777 4876 4909 5050 5096 5120 5150 5204 5300 5453 5595 5690 5700 5851 5756 5880 6173 6012 6125 6139 6147 6161 6475 6491 6593 6656 6712 6955 6999 7174 7201 7278 7285 7338 7506 7541	01 01 05 03 06 02 02 02 04 04 03 03 03 05 06 05 04 00 05 00 06 00 00 00 00 00 00 00 00 00 00 00	SUFFOLK PRINCE GEORGE BATH BEDFORD DICKENSON MECKLENBURG CHARLOTTE MONTGOMERY RUSSELL ROCKBRIDGE LOUDOUN LOUISA PAGE CAMPBELL MADISON MANASSAS HENRY PATRICK HIGHLAND NELSON ALBEMARLE LOUDOUN BATH HIGHLAND WISE CRAIG DICKENSON NORFOLK (CITY) NORFOLK (CITY) NORFOLK (CITY) MATHEWS ACCOMACK FLUVANNA AMHERST PETERSBURG ORANGE PULASKI TAZEWELL HENRICO ROANOKE FRANKLIN SMYTH HENRICO	36 41 37 18 37 60 37 8 37 14 36 36 37 1 37 14 36 54 37 47 39 5 38 3 38 40 37 19 38 22 38 44 36 42 36 40 38 18 37 51 38 1 39 4 38 6 38 20 37 7 37 31 37 1 36 54 37 37 37 31 37 1 36 54 37 37 37 37 37 37 37 37 37 37 37 37 37 3	76 46W 77 17W 79 50W 79 32W 82 21W 78 18W 78 29W 80 12W 82 2W 79 26W 77 42W 78 0W 78 15W 79 12W 78 15W 77 30W 79 52W 80 27W 79 43W 79 53W 79 53W 79 40W 82 38W 80 6W 82 19W 76 12W 76 14W 76 26W 77 549W 78 16W 79 17W 77 24W 78 79 W 80 47W 80 35W 81 48W 77 19W 79 58W 79 78W 81 46W 77 17W	80 40 2236 898 1460 250 625 1320 1912 1097 500 420 1400 940 577 245 760 2225 2421 2667 758 1659 1775 2380 1675 1258 2650 30 100 10 30 410 1024 15 520 1850 1800 1910 1040 1050 1	84 101 122 2 24 69 4 0 28 127 117 101 73 73 17 13 79 14 19 11 35 102 5 23 25 0 11 71 14 15 62 23 9 16 71 17 18 19 11 11 11 11 11 11 11 11 11	84 101 122 67 48 69 36 66 28 127 117 101 76 73 17 13 86 67 41 14 35 102 36 23 48 60 11 71 14 15 62 60 82 21 71 17 18 19 10 11 11 11 11 11 11 11 11 11	19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		AUG	н н н н н н н н н н н н н н н н н н н

STATION INDEX

		.07						ARS OF ECORD		OPENE OR CLC DURING	OSED	SEE
STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	TEMP.	PRECIP.	EVAP.	MONTH	MONTH	REFERENCE NOTES
SOMERSET SOUTH BOSTON SPERRYVILLE STAFFORDSVILLE 3 ENE STAUNTON WTP STERLING (RCS) STONY CREEK 2 N STUART SUFFOLK LAKE KILBY TYE RVR 1 SE VIENNA WAKEFIELD 1NW WALKERTON 2 NW WALLACETON LK DRUMMOND WALLOPS ISLAND NASA TEST FACIL 1 WARRENTON 3 SE WARSAW 2 NW WASHINGTON DULLES INTL AP R R WASHINGTON REAGAN NATL AP R WAYNESBORO WTP WEST POINT 2 NW WILLIAMSBURG 2 N WILLIS WINCHESTER WINCHESTER WINCHESTER 7 SE WINTERPOCK 4 W WISE 1SE WOODSTOCK 2 NE WOOLWINE WYTHEVILLE	7904 7925 7985 8022 8062 8084 8129 8170 88192 8600 8737 8800 8829 8837 8849 8888 8941 9025 9151 9169 9181 9186 9213 9215 9263 9272 9301	04 03 04 06 05 04 01 03 04 01 01 01 04 04 04 05 01 01 06 04 04 04 02 06 04 03 06 06 06 07 08 08 08 08 08 08 08 08 08 08 08 08 08	ORANGE HALIFAX RAPPAHANNOCK GILES AUGUSTA LOUDOUN SUSSEX PATRICK SUFFOLK NELSON FAIRFAX SUSSEX KING AND QUEEN CHESAPEAKE ACCOMACK FAUQUIER RICHMOND LOUDOUN ARLINGTON WAYNESBORO KING WILLIAM YORK FLOYD FREDERICK FREDERICK CHESTERFIELD WISE SHENANDOAH PATRICK WYTHE	38 15 36 42 38 39 37 16 38 10 38 59 36 58 36 38 36 44 37 38 38 54 36 59 37 45 36 36 37 56 38 41 37 59 38 56 38 51 38 5 37 34 37 18 36 55 37 11 37 19 36 58 38 54 36 47 36 58	78 16W 78 53W 78 14W 80 43W 79 5W 77 29W 77 24W 80 15W 76 36W 78 56W 77 17W 77 0W 77 2W 76 26W 75 28W 77 46W 76 47W 77 27W 77 2W 78 53W 76 48W 76 42W 80 30W 78 9W 78 7W 77 39W 82 33W 78 28W 80 17W 81 5W	510 329 750 1950 169 288 105 1375 22 720 418 113 50 20 46 500 140 290 10 1270 20 70 2810 720 680 300 2564 675 1500 2458	22 37 22 47 123 40 55 57 72 53 24 35 85 13 51 69 109 57 72 17 63 66 1 35 105 0 62 121 0 100	54 37 22 66 123 40 59 57 72 79 80 35 85 91 51 69 109 56 72 17 63 69 37 35 105 38 62 127 66 100			AUG	Н Н СН СН Н Н Н Н Н Н Н Н Н Н СН Н Н СН Н Н СН Н Н СН Н Н СН Н Н С Н Н С Н Н Н С Н Н С Н С Н Н С Н Н С Н Н Н С Н Н Н Н С Н Н Н С Н Н Н С Н Н Н Н В Н Н Н В Н В

REFERENCE NOTES

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 temperature and/or precipitation. Station Precipitation totals flagged with an 'F' or 'M' are excluded from the Divisional Average calculations of precipitation. Stations with monthly Temperature averages flagged with an 'F' or 'M' are included in the Divisional Average if there are no more than 9 flagged or missing daily values in the month, else they are excluded from the divisional average for temperature.

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 2012, the averaging period is 1981 to 2010. 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.
- * Equipment gage not read. Precipitation is included in the amount following asterisks. Time distribution not known.
- // Equipment 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.
- E Normalized HDD/CDD Calculation. E is appended to the HDD/CDD Calculation when 1-9 individual daily TMAX and/or TMIN values are missing and a Normalized HDD/CDD Calculation is provided. M appears alone if 10 or more are missing or flagged.
- F Monthly Calculation Flagged Value. F is appended to the average of the monthly station values when 1-9 daily observations were determined to be invalid during the Quality Control process.
- 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 or flagged.
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.

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.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Centers For Environmental Information. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Centers For Environmental Information. The data are also available digitally.

ERRATA

Beginning in January of 2011, CD Publications are produced from the Global Historical Climatology Network data set. (http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/) The GHCND data Version is printed on first page of the publication.

New flags were added to indicate:

E Normalized HDD/CDD, Evap, and Wind Movement Calculations in 2011, previously was B. F Monthly calculation flagged value.

Station metadata is provided by NCEI's Products Branch from the Historical Observing Metadata Repository: http://www.ncdc.noaa.gov/homr

As of the 2011 Data-Year, Station and Climate Division Maps are no longer being included in the CD Publications. NCEI's Products Branch provides updated Station Maps for various data networks via the Historical Observing Metadata Repository: http://www.ncdc.noaa.gov/homr.

Beginning with the January 2013 CD Publication, monthly mean temperature calculations have changed to the National Data Stewardship Team standard. Monthly maximum and minimum temperatures are not rounded until after the monthly mean temperature is calculated. This is the most accurate outcome, but may be slightly different from the mean derived from rounded monthly maximum and minimum.

Processing Updates and Errata: The CD Publications are periodically reproduced to include the addition of late reports and reported corrections. The GHCND data version noted on the cover of the publication provides the generation date.

The climate division temperature and precipitation values in this publication are based on simple averages from the current set of NWS-Designated Open and Published COOP and First Order Sites within each division. These values differ from those found in NCEI's nClimDiv product. Beginning in February 2014, the nClimDiv product is used by NCEI's Monitoring Branch and in its monthly climate reports. For more details on nClimDiv, please go to http://www.ncdc.noaa.gov/monitoring-references/maps/us-climate-divisions.php .

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