



CLIMATOLOGICAL DATA ANNUAL SUMMARY VIRGINIA

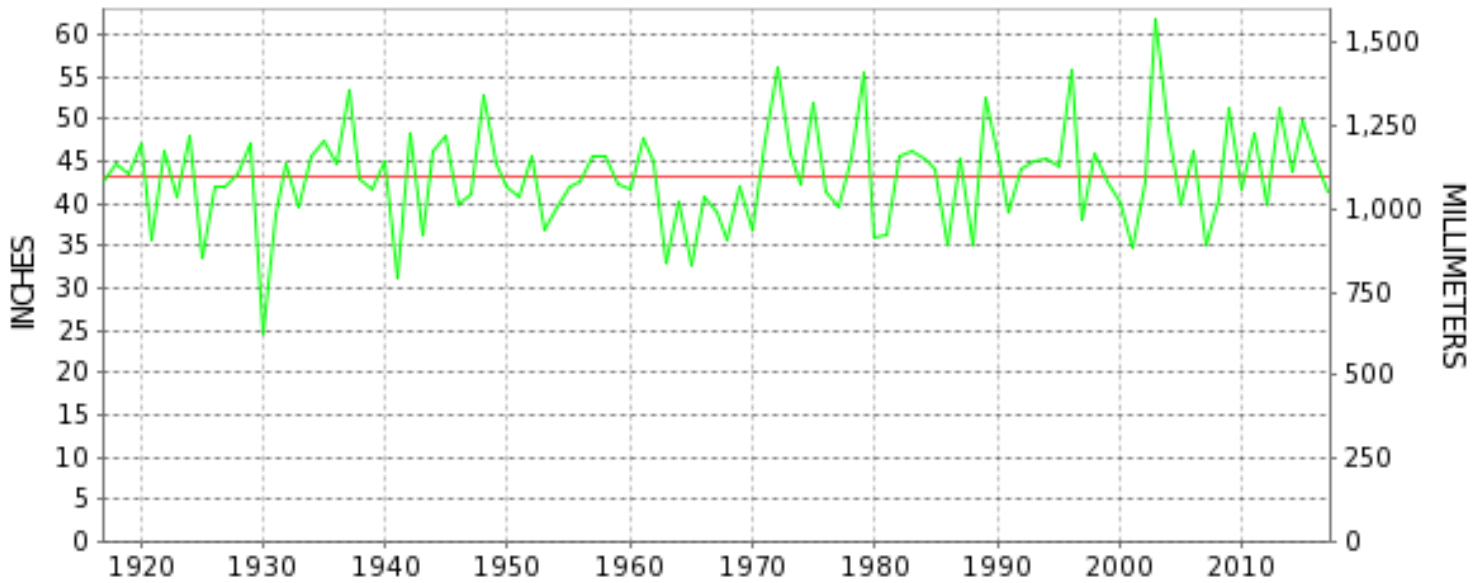
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YEARLY TOTAL PRECIPITATION



— Yearly Precip. — Long Term Average 43.16 in.

VIRGINIA PRECIPITATION 1917-2017

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Mary S. Wohlgenant

DIRECTOR
National Centers For Environmental Information

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National
Centers For Environmental Information
Asheville, North Carolina

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2017

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
VIRGINIA												
TIDEWATER 01												
DISPUTANTA	4.41	0.79	1.24	-1.85	2.80	-1.46	4.07	0.46	5.52	1.60	5.18	1.58
EMPORIA 1 WNW	3.45	-0.06	0.54	-2.33	2.73	-1.34	M 4.95	1.35	5.65	1.83	M 3.47	0.02
FREDERICKSBURG SEWAGE	M 3.06	0.16	0.26	-2.25	2.27	-1.72	MA 1.95	-1.40	MA 9.70	5.62	MA 0.80	-3.17
HOLLAND 1 E	2.85	-0.96	1.04	-2.20	4.12	0.14	2.77	-0.67	6.04	2.12	1.50	-2.21
HOPEWELL	M 4.45	0.98	0.53	-2.65	4.20	0.13	1.89	-1.87	M 7.21	3.38	M 2.78	-0.57
NORFOLK INTL AP	4.41	1.01	0.66	-2.46	4.61	0.93	3.58	0.17	8.56	5.15	3.27	-0.99
NORFOLK S	4.47	0.76	0.81	-2.35	5.19	1.17	4.11	0.50	9.89	6.04	4.14	-0.33
NORTH	5.19	1.54	1.55	-1.48	3.06	-0.96	5.53	1.84	M 6.53	2.32	2.87	-1.33
PAINTER 2W	4.96	1.49	1.61	-1.40	3.90	-0.23	2.34	-0.93	8.51	5.19	2.49	-1.45
STONY CREEK 2 N	3.82	0.19	1.13	-1.94	4.13	-0.16	2.60	-0.91	7.39	3.08	5.39	1.27
SUFFOLK LAKE KILBY	3.26	-0.37	0.58	-2.65	5.44	1.39	4.27	0.72	5.46	1.63	3.29	-1.08
WAKEFIELD 1NW	4.29	0.59	0.69	-2.23	5.62	1.44	3.45	-0.26	5.27	1.16	3.74	-0.25
WALKERTON 2 NW	3.77	0.59	1.16	-1.75	4.72	0.61	3.06	-0.07	6.64	2.74	3.02	-0.33
WALLACETON LK DRUMMOND	4.25		0.65		M		6.26		8.18		5.94	
WALLOPS ISLAND NASA TEST FACIL	4.79	1.75	1.41	-1.35	3.38	-0.62	2.31	-0.76	5.66	2.71	1.43	-1.86
WARSAW 2 NW	2.71	-0.37	0.36	-2.34	3.01	-0.97	1.89	-1.24	6.73	2.58	3.59	0.04
WEST POINT 2 NW	4.36	0.74	1.42	-1.55	4.23	0.15	3.75	0.18	6.27	2.37	2.23	-1.51
WILLIAMSBURG 2 N	4.39	0.69	1.36	-1.84	5.15	0.81	3.53	-0.17	5.32	1.31	4.96	1.62
--DIVISIONAL DATA----->	4.09	0.12	0.94	-2.34	4.03	-0.33	3.46	0.25	6.74	2.72	3.54	0.06
EASTERN PIEDMONT 02												
ALBERTA 5N	3.74		0.87		2.27		5.41		6.03		2.73	
AMELIA COURTHOUSE 1	M 4.90	1.57	M 0.77	-2.23	3.33	-0.86	4.96	1.77	6.85	3.01	4.29	0.88
ASHLAND	4.42	1.17	0.70	-2.30	2.97	-0.98	3.68	0.35	6.12	2.09	5.37	1.75
BREMO BLUFF	3.40	0.32	M 0.23	-2.56	1.80	-2.17	M 3.68	0.52	M 6.42	2.45	M 3.18	-0.32
BUCKINGHAM	3.99		0.42		2.19		5.03		6.13		4.27	
CAMP PICKETT	5.48	1.81	0.78	-2.40	2.37	-1.91	5.10	1.50	6.20	1.97	3.29	-0.64
CHASE CITY	4.41	0.95	0.48	-2.33	2.96	-1.37	5.69	1.76	7.03	3.07	4.92	1.31
CLARKSVILLE	4.63	1.35	1.00	-1.85	M 2.41	-1.52	M 5.45	2.16	M 6.95	2.84	8.60	4.41
CORBIN	M 3.24	0.10	0.15	-2.91	M 2.25	-1.77	M 3.69	0.44	M 10.82	6.86	1.16	-2.56
CROZIER	4.07	0.87	M 0.63	-2.21	1.87	-1.77	4.35	0.94	6.20	2.01	2.69	-0.89
FARMVILLE 2 N	4.82	1.35	0.63	-2.46	1.96	-2.30	4.60	1.33	6.61	2.61	M 2.43	-0.85
JOHN H KERR DAM	3.90	0.61	1.27	-1.48	2.03	-2.17	M 6.57	3.27	6.79	3.21	M 3.97	0.44
KEYSVILLE 2 S	3.75		0.50		2.06		4.77		5.92		2.29	
LOUISA	2.30	-0.76	0.25	-2.67	3.39	-0.41	3.26	0.02	5.22	1.08	2.35	-1.27
PALMYRA 3S	3.89	1.01	0.33	-2.47	2.87	-0.84	4.82	1.79	6.67	2.97	2.02	-1.63
PETERSBURG	M 3.31	0.05	0.92	-1.76	4.88	0.74	1.41	-1.82	6.88	3.02	2.19	-1.42
RICHMOND INTL AP	4.29	1.25	0.71	-2.05	3.68	-0.36	2.28	-0.99	7.57	3.79	2.33	-1.60
WINTERPOCK 4 W	5.33		1.33		2.09		3.79		6.43		3.63	
--DIVISIONAL DATA----->	4.16	0.32	0.69	-2.50	2.67	-1.49	4.23	0.90	6.44	2.31	3.48	-0.10
WESTERN PIEDMONT 03												
ALTAVISTA	3.50		0.52		2.09		6.92		7.83		1.86	
APPOMATTOX	4.29	1.15	0.53	-2.55	2.68	-1.29	5.49	2.07	8.04	3.28	2.92	-1.03
BEDFORD	M		M		M		6.01	2.13	10.05	5.85	4.80	0.42

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2017

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
VIRGINIA														
TIDEWATER 01														
DISPUTANTA	5.12	-0.10	7.65	2.82	1.12	-3.59	2.85	-0.52	1.60	-1.77	M 1.72	-1.74	M 43.28	-3.78
EMPORIA 1 WNW	3.49	-1.15	5.70	1.14	M 1.38	-3.04	2.89	-0.35	2.33	-0.76	M 1.82	-1.58	M 38.40	-6.27
FREDERICKSBURG SEWAGE	M 6.37	1.84	MA 5.54	2.15	M 1.33	-2.99	2.54	-0.84	M 1.64	-2.11	MA 0.26	-2.92	M 35.72	-7.63
HOLLAND 1 E	M 4.36	-0.84	4.33	-0.87	2.68	-2.47	M 2.21	-1.57	1.09	-2.19	M			
HOPEWELL	M 3.86	-0.79	10.43	5.37	1.61	-3.01	3.63	0.31	M 1.54	-1.97	M 1.83	-1.63	M 43.96	-2.32
NORFOLK INTL AP	4.41	-0.73	9.04	3.52	1.99	-2.77	5.06	1.64	1.17	-1.98	2.40	-0.86	49.16	2.63
NORFOLK S	5.65	0.51	8.89	1.55	1.99	-3.08	6.36	2.94	1.59	-1.82	M 2.68	-0.91	M 55.77	4.98
NORTH	3.61	-1.22	9.00	4.53	2.03	-3.04	4.82	0.79	1.23	-2.10	2.29	-1.08	M 47.71	-0.19
PAINTER 2W	3.22	-1.82	11.51	7.22	3.51	-0.45	5.16	1.57	0.88	-2.23	M			
STONY CREEK 2 N	6.58	1.75	9.22	4.31	0.94	-3.47	4.18	0.88	1.74	-1.35	M			
SUFFOLK LAKE KILBY	6.17	1.03	5.78	0.07	3.13	-2.19	2.72	-0.91	1.28	-2.26	M 1.15	-2.34	M 42.53	-6.96
WAKEFIELD 1NW	4.25	-0.56	10.75	5.65	1.50	-3.66	4.08	0.90	1.68	-1.43	1.95	-1.51	47.27	-0.16
WALKERTON 2 NW	4.17	-0.35	3.99	0.23	2.66	-1.08	3.85	0.51	M		M			
WALLACETON LK DRUMMOND	4.65		6.89		2.94		2.95		M		M			
WALLOPS ISLAND NASA TEST FACIL	5.68	1.59	10.86	6.67	1.84	-2.14	8.04	4.87	1.27	-1.60	1.89	-1.54	48.56	7.72
WARSAW 2 NW	6.43	1.85	3.70	-0.93	1.30	-2.93	4.25	0.78	M					
WEST POINT 2 NW	4.79	0.22	6.50	1.98	3.46	-1.05	4.57	1.27	1.63	-1.54	M 1.09	-2.34	M 44.30	-1.08
WILLIAMSBURG 2 N	2.10	-3.37	8.83	3.46	2.03	-2.87	4.02	0.56	1.47	-1.80	2.42	-1.13	45.58	-2.73
--DIVISIONAL DATA----->	4.69	0.03	7.83	3.39	2.17	-2.20	4.23	0.76	1.46	-1.68	2.19	-1.04	45.37	-0.26
EASTERN PIEDMONT 02														
ALBERTA 5N	1.99		8.17		1.03		3.12		1.92		1.42		38.70	-5.95
AMELIA COURTHOUSE 1	2.37	-1.81	5.13	1.04	1.35	-2.47	3.74	0.32	1.27	-2.78	1.03	-2.64	M 39.99	-4.20
ASHLAND	3.30	-1.27	2.64	-0.88	2.73	-1.03	4.66	1.39	2.15	-1.43	0.88	-2.65	39.62	-3.79
BREMO BLUFF	M		M 1.87	-1.98	M 3.18	-0.53	M 4.46	0.76	M 2.02	-1.74	M 0.91	-2.35		
BUCKINGHAM	1.91		2.96		3.08		6.39		1.77		0.74		38.88	-4.78
CAMP PICKETT	0.86	-3.27	6.71	2.24	0.88	-3.18	2.77	-0.86	1.46	-1.97	1.12	-2.31	37.02	-9.02
CHASE CITY	0.85	-3.58	6.14	1.70	1.02	-3.07	2.25	-1.30	1.53	-2.00	3.15	-0.57	40.43	-5.43
CLARKSVILLE	2.91	-1.58	3.88	0.79	1.18	-2.57	3.06	-0.37	1.77	-1.47	1.24	-2.17	M 43.08	0.02
CORBIN	5.02	1.04	6.52	3.17	1.36	-2.75	3.11	-0.63	M 1.41	-2.20	M			
CROZIER	2.17	-1.63	4.67	0.53	3.71	0.27	7.02	3.84	M 1.28	-2.40	0.81	-2.54	M 39.47	-2.98
FARMVILLE 2 N	4.67	0.55	4.62	0.71	1.49	-2.49	3.56	0.14	1.13	-2.52	M			
JOHN H KERR DAM	1.12	-3.98	6.36	2.43	0.89	-2.58	3.75	0.42	1.47	-1.62	M 1.60	-1.64	M 39.72	-3.09
KEYSVILLE 2 S	2.47		4.85		2.00		2.74		1.46		1.25		34.06	-4.53
LOUISA	2.43	-2.28	3.66	0.08	2.22	-1.96	3.26	-0.36	1.35	-2.78	M 0.48	-2.70	M 30.17	-14.01
PALMYRA 3S	4.17	-0.19	M 1.86	-1.97	3.20	-0.47	3.91	0.47	1.90	-1.62	M			
PETERSBURG	4.38	-0.08	8.78	4.01	1.27	-2.99	3.64	0.42	1.52	-1.72	M 0.35	-2.85	M 39.53	-4.40
RICHMOND INTL AP	2.25	-2.26	5.94	1.28	1.48	-2.65	4.95	1.97	1.43	-1.81	1.05	-2.21	37.96	-5.64
WINTERPOCK 4 W	2.75		8.60		1.49		M 3.36		1.18		M			
--DIVISIONAL DATA----->	2.68	-1.68	5.60	1.67	1.79	-2.24	3.87	0.02	1.55	-1.87	1.27	-1.91	38.43	-6.57
WESTERN PIEDMONT 03														
ALTAVISTA	4.65		2.36		2.02		1.37		1.12		0.76		35.00	-9.02
APPOMATTOX	4.27	-0.55	1.99	-1.99	2.52	-1.78	3.05	-0.71	1.40	-2.58	0.93	-2.50	38.11	-8.48
BEDFORD	4.99	0.56	4.89	0.96	1.42	-2.59	4.73	1.12	0.87	-2.43	0.46	-3.12		

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2017

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
BEDFORD 4 NW	3.37		0.57		2.58		M		M		M	
BROOKNEAL	4.49	0.82	0.59	-2.55	2.62	-1.32	5.29	1.58	7.54	2.85	2.72	-0.25
CHARLOTTESVILLE 2W	3.82	0.72	0.78	-2.29	2.31	-1.54	4.32	0.92	9.28	4.65	2.08	-2.08
CHATHAM	3.99	0.21	1.05	-1.96	3.23	-0.82	9.03	5.48	8.67	4.63	4.43	0.69
CONCORD 4 SSW	3.58		0.51		2.30		5.83		8.54		2.23	
DANVILLE RGNL AP	3.88	0.46	0.89	-2.12	2.65	-1.46	7.54	4.08	6.04	2.16	4.42	0.58
FREE UNION	3.77		0.61		2.24		3.83		10.13		2.42	
HOLCOMB ROCK	3.97		0.43		3.09		6.39		11.56		6.36	
HUDDLESTON 4 SW	3.59		0.54		2.62		7.59		8.79		3.66	
LYNCHBURG INTL AP	3.78	0.64	0.60	-2.33	2.66	-0.92	4.18	0.87	7.88	4.15	2.09	-1.53
MARTINSVILLE FLTR PLT	4.16	0.67	1.04	-2.10	3.02	-1.13	7.19	3.70	10.90	6.87	7.43	3.68
MEADOWS OF DAN 5 SW	3.55		0.96		4.12		7.99		12.20		3.51	
MONTEBELLO FISH CULTURAL STN	M 4.56		M 0.72		M		MA 5.22		MA 12.58		M	
MONTICELLO	M		M		M		M		M		M	
PEDLAR DAM	2.93		0.30		2.86		5.37		9.38		3.89	
ROCKY MT	4.16	0.79	1.03	-2.05	3.08	-1.18	7.14	3.37	8.97	4.90	2.51	-2.01
S BOSTON	4.08	0.47	1.01	-2.11	2.30	-1.85	7.78	4.30	7.20	3.28	3.72	-0.57
STUART	4.82	0.95	1.03	-2.22	3.23	-0.85	7.18	3.19	12.10	7.50	6.02	1.03
WOOLWINE	5.71		1.05		3.60		8.66		10.92		4.29	
--DIVISIONAL DATA----->	3.97	0.13	0.74	-2.55	2.80	-1.43	6.51	2.78	9.26	4.87	3.76	-0.19
NORTHERN 04												
FRONT ROYAL	M 4.19	1.75	M 0.51	-2.14	MA 1.82	-1.94	4.42	1.16	7.78	3.58	M 0.72	-3.31
PURCELLVILLE	M		MA 0.20		MA 3.15		M		M		M	
LURAY 5 E	M 3.74	1.06	0.52	-2.14	2.22	-1.66	3.85	0.41	6.39	2.39	2.45	-1.50
MANASSAS	MA 3.57		M 0.55		M 3.00		MA 5.02		7.42		2.10	
MT WX 3	M		M		M		M		M		M	
PIEDMONT RSCH STN	3.41	0.65	0.68	-2.07	2.79	-0.72	3.62	0.22	6.91	2.77	1.78	-2.39
SOMERSET	3.20	0.31	0.62	-2.15	3.71	-0.02	3.61	0.42	7.55	3.33	M 1.65	-2.42
SPERRYVILLE	M 3.81	0.74	0.66	-2.18	1.87	-2.15	3.65	-0.12	M 12.61	8.26	MA 1.33	-3.01
STERLING (RCS)	3.02	0.17	0.32	-2.45	3.90	0.30	4.98	1.36	8.05	3.33	2.81	-1.11
VIENNA	2.39	-0.74	0.24	-2.57	2.56	-1.26	2.92	-0.67	4.72	0.19	1.16	-2.92
WASHINGTON DULLES INTL AP	2.73	0.05	0.71	-2.03	4.12	0.74	3.04	-0.43	8.49	3.94	1.28	-2.70
WASHINGTON REAGAN NATL AP	2.75	-0.06	0.68	-1.94	3.19	-0.29	2.62	-0.44	5.55	1.56	1.13	-2.65
WINCHESTER	4.19	1.63	0.79	-1.53	2.78	-0.67	3.57	0.20	8.03	4.16	1.33	-2.28
WINCHESTER 7 SE	M 3.63	1.44	1.15	-1.32	M 1.82	-1.60	3.30	0.13	MA 7.11	3.29	M 1.38	-2.28
WOODSTOCK 2 NE	3.37	0.70	0.81	-1.78	2.59	-0.67	3.23	0.30	5.91	1.90	1.99	-1.81
--DIVISIONAL DATA----->	3.13	-0.04	0.65	-2.00	2.97	-0.60	3.57	0.37	6.98	2.75	1.78	-2.16
CENTRAL MOUNTAIN 05												
BUENA VISTA	2.52		0.25		1.96		4.63		6.95		2.67	
COVINGTON FLTR PLT	3.80	1.30	0.55	-1.82	2.15	-1.13	4.86	1.64	6.80	2.72	2.82	-0.48
DALE ENTERPRISE	3.05	0.76	0.19	-2.03	1.94	-0.98	3.97	1.00	7.05	3.34	4.08	0.67
GATHRIGHT DAM	3.56	0.78	0.45	-2.15	2.63	-0.65	3.77	0.60	6.91	2.80	3.93	0.29
GLASGOW 1 SE	3.71		0.36		2.55		6.32		13.78		2.72	
HOT SPRINGS	4.02	0.56	0.49	-2.54	2.85	-1.24	4.41	0.71	8.74	4.55	3.81	0.15
LEXINGTON	2.94	0.15	0.34	-2.31	2.51	-0.64	4.72	1.30	7.88	3.86	4.28	0.03
MILLGAP	3.28	0.03	0.48	-2.50	2.56	-1.31	3.59	-0.16	6.55	1.78	3.66	-0.40

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2017

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
BEDFORD 4 NW	M		M		M		M		M		M			
BROOKNEAL	1.82	-2.54	2.27	-1.69	2.07	-1.81	3.49	-0.12	1.66	-2.02	1.00	-2.35	35.56	-9.40
CHARLOTTESVILLE 2W	2.45	-2.87	2.79	-1.28	2.99	-1.91	4.18	0.44	1.14	-2.95	0.48	-2.87	36.62	-11.06
CHATHAM	4.51	0.02	4.66	0.84	2.61	-1.84	3.28	-0.01	1.36	-2.22	M 0.60	-2.84	M 47.42	2.18
CONCORD 4 SSW	4.82		1.56		2.29		3.11		1.58		0.72		37.07	-6.36
DANVILLE RGNL AP	4.61	-0.06	4.07	0.16	2.60	-1.39	2.92	-0.62	2.07	-1.28	0.74	-2.52	42.43	-2.01
FREE UNION	2.91		M 5.12		2.29		3.74		1.28		0.50		M 38.84	-6.64
HOLCOMB ROCK	2.31		2.51		3.08		5.45		0.97		0.50		46.62	0.17
HUDDLESTON 4 SW	1.39		2.67		2.12		2.67		1.07		0.79		37.50	-5.00
LYNCHBURG INTL AP	3.30	-1.06	2.24	-1.02	1.91	-1.97	2.57	-0.54	1.02	-2.39	0.69	-2.55	32.92	-8.65
MARTINSVILLE FLTR PLT	2.21	-2.26	4.40	0.49	3.68	-0.88	3.43	0.13	1.54	-1.90	0.84	-2.55	49.84	4.72
MEADOWS OF DAN 5 SW	3.41		5.08		2.81		9.96		0.97		1.07		55.63	0.43
MONTEBELLO FISH CULTURAL STN	M		M 3.08		M		M 6.98		M		MA 0.81			
MONTICELLO	M		M		M		M		M		M			
PEDLAR DAM	2.57		1.82		1.79		4.32		0.98		0.56		36.77	-6.49
ROCKY MT	2.87	-2.00	2.01	-2.28	3.29	-1.30	3.22	0.04	0.94	-2.63	0.63	-2.86	39.85	-7.21
S BOSTON	1.96	-2.37	5.87	2.10	2.13	-1.85	2.70	-0.78	1.88	-1.52	1.16	-2.20	41.79	-3.10
STUART	3.50	-2.07	6.10	1.11	3.28	-1.36	5.20	1.88	1.06	-2.40	0.84	-2.67	54.36	4.09
WOOLWINE	1.85		2.32		4.75		7.48		1.26		0.49		52.38	1.44
--DIVISIONAL DATA----->	3.18	-1.45	3.31	-0.50	2.61	-1.77	4.05	0.29	1.27	-2.08	0.73	-2.52	42.19	-4.42
NORTHERN 04														
FRONT ROYAL	M 3.28	-0.02	M 4.69	1.63	M 1.13	-3.37	2.29	-0.86	1.45	-2.30	M 0.43	-2.39	M 32.71	-8.21
PURCELLVILLE	9.94		3.89		M 2.50		4.17		1.76		0.82			
LURAY 5 E	3.01	-1.10	2.70	-0.62	0.89	-3.64	4.01	0.98	1.15	-2.46	0.48	-2.57	M 31.41	-10.85
MANASSAS	MA 7.96		7.37		1.70		2.70		2.37		M 0.85		M 44.61	
MT WX 3	M		M		M		M		M 2.08		0.69			
PIEDMONT RSCH STN	M 3.26	-1.44	MA 4.41	1.19	MA 2.38	-1.65	MA 2.29	-1.13	MA 2.08	-1.74	M			
SOMERSET	5.20	-0.50	5.41	1.87	2.38	-1.86	5.02	1.47	1.98	-1.87	0.38	-2.75	M 40.71	-4.17
SPERRYVILLE	M 2.97	-1.35	2.77	-1.14	MA 1.66	-3.31	M 6.08	2.52	M 1.43	-3.22	0.80	-2.58	M 39.64	-7.54
STERLING (RCS)	9.88	6.18	5.43	1.94	1.74	-2.26	3.37	-0.22	1.98	-1.60	0.83	-2.26	46.31	3.38
VIENNA	4.81	0.62	2.68	-1.01	1.50	-2.68	1.17	-2.34	1.59	-1.97	0.56	-2.71	26.30	-18.06
WASHINGTON DULLES INTL AP	8.80	5.13	3.83	0.30	1.75	-2.17	3.15	-0.10	1.99	-1.42	0.77	-2.19	40.66	-0.88
WASHINGTON REAGAN NATL AP	9.15	5.42	4.58	1.65	1.43	-2.29	2.02	-1.38	2.00	-1.17	0.50	-2.55	35.60	-4.14
WINCHESTER	7.80	4.27	3.38	0.36	2.28	-1.46	5.27	2.32	1.41	-1.82	M 0.62	-2.06	M 41.45	3.12
WINCHESTER 7 SE	M 7.10	3.51	M 2.14	-1.09	M 1.28	-2.63	4.89	1.95	1.34	-1.81	0.53	-1.94	M 35.67	-2.35
WOODSTOCK 2 NE	3.61	-0.19	M 3.72	0.56	0.72	-3.16	M 3.89	1.23	0.98	-1.87	0.32	-2.33	M 31.14	-7.12
--DIVISIONAL DATA----->	6.91	3.00	4.20	0.54	1.60	-2.47	3.46	-0.10	1.67	-1.79	0.61	-2.41	37.53	-4.91
CENTRAL MOUNTAIN 05														
BUENA VISTA	3.09		2.54		2.49		3.48		0.86		0.59		32.03	-9.20
COVINGTON FLTR PLT	3.29	-0.68	3.14	-0.08	1.35	-1.89	6.06	3.52	0.74	-2.62	0.77	-1.94	36.33	-1.46
DALE ENTERPRISE	M 9.22	5.22	2.09	-1.35	M 1.05	-2.49	M 3.30	0.78	1.10	-1.75	M 0.53	-2.08	M 37.57	1.09
GATHRIGHT DAM	3.08	-0.82	2.17	-1.02	1.92	-1.45	5.33	2.60	0.96	-2.15	0.70	-2.26	35.41	-3.43
GLASGOW 1 SE	3.31		2.25		2.85		6.61		1.25		0.60		46.31	-2.93
HOT SPRINGS	3.10	-1.11	4.23	0.80	1.92	-1.73	7.78	4.77	1.14	-2.58	0.95	-2.40	43.44	-0.06
LEXINGTON	3.34	-0.78	3.47	0.30	2.62	-0.90	3.65	0.73	1.21	-2.18	0.72	-2.39	37.68	-2.83
MILLGAP	3.67	-1.00	3.23	-0.28	2.09	-1.50	6.76	3.82	1.14	-2.40	0.96	-2.39	37.97	-6.31

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2017

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
MTN GROVE	M		0.69		M 3.43		M 3.28		7.14		4.04	
MUSTOE 1 SW	4.25	0.87	1.22	-2.03	3.71	-0.45	3.10	-0.71	6.31	1.61	3.53	-0.28
NEW CASTLE	3.62		0.53		1.86		4.44		8.14		3.46	
ROANOKE 8 N	5.00	1.98	0.67	-1.97	1.78	-1.95	M 5.41	1.68	8.32	3.89	5.26	0.80
ROANOKE INTL AP	4.10	1.18	0.54	-2.35	2.32	-1.14	5.92	2.55	8.14	4.08	4.50	0.67
STAUNTON WTP	3.45	0.78	0.26	-2.29	1.65	-1.60	4.10	0.95	8.31	4.57	4.55	0.94
WAYNESBORO WTP	3.64	0.85	0.27	-2.65	2.10	-1.63	4.87	1.32	8.70	4.77	M 2.71	-1.16
WILLIAMSVILLE 2 S	M		M		M		M		M		M	
--DIVISIONAL DATA----->	3.64	0.48	0.49	-2.25	2.33	-1.25	4.52	1.32	7.98	3.86	3.81	0.11
SOUTHWESTERN MOUNTAIN 06												
ABINGDON 3S	4.25	0.58	1.70	-2.04	4.52	0.48	6.56	2.62	8.87	4.26	3.70	-0.36
BIG STONE GAP	5.22	1.03	2.15	-2.25	4.82	0.13	8.68	4.01	8.44	3.56	4.44	0.59
BLACKSBURG NWSO	4.50	1.42	0.89	-1.92	3.10	-0.54	6.45	2.97	6.22	1.89	2.96	-1.04
BURKES GARDEN	M 5.21	1.26	M 1.98	-1.48	5.22	1.20	6.04	2.36	M 8.14	3.38	4.91	0.69
CHRISTIANSBURG	4.21	1.45	1.00	-1.83	2.89	-0.39	6.31	3.03	7.01	2.11	4.33	0.41
CLINTWOOD 1 W	4.37	0.76	1.97	-1.68	3.13	-0.74	6.76	2.68	8.49	3.90	3.45	-1.34
COPPER HILL	4.98		0.68		2.32		7.13		8.88		3.12	
ELK CREEK 4SSW	M		M		M		M		8.11		2.20	
GALAX WTP	3.64		1.06		2.98		8.03		9.01		4.54	
GRUNDY	4.28	1.09	1.30	-1.79	3.09	-0.34	6.06	2.00	9.30	4.41	2.83	-1.67
JOHN FLANNAGAN LAKE	MA 4.78		MA 1.69		MA 3.10		MA 5.87		MA 9.17		MA 1.82	
LEBANON	4.17	1.13	1.80	-1.63	4.42	0.58	7.00	3.57	7.92	3.50	2.95	-1.63
NORA 4 SSE	4.10	0.49	1.57	-2.05	3.58	-0.32	7.95	4.74	6.60	1.10	5.17	-0.55
PULASKI 2 E	4.30	1.45	1.29	-1.40	3.35	0.16	6.13	3.18	9.48	5.71	2.52	-0.99
RADFORD 3 N	3.59	0.66	0.81	-1.93	3.51	0.53	5.42	2.35	6.59	2.67	2.38	-0.69
RICHLANDS	M 3.62	0.57	M 1.47	-1.44	3.85	-0.09	7.14	3.35	M 7.62	2.87	3.23	-0.72
SALTVILLE 1N	M 4.11	0.51	1.73	-1.74	4.92	1.06	6.74	3.12	6.64	2.29	5.65	1.50
STAFFORDSVILLE 3 ENE	4.12	1.22	M 0.38	-2.35	4.07	0.64	5.15	1.80	7.78	3.54	4.07	0.36
WILLIS	4.43		1.26		MA 2.63		7.68		8.12		3.67	
WISE 1SE	4.28	0.40	1.88	-2.10	4.40	0.28	7.34	3.21	7.77	3.15	4.06	-0.40
WYTHEVILLE	4.61	1.71	1.64	-1.16	3.90	0.66	6.55	3.33	8.11	4.00	2.41	-1.16
--DIVISIONAL DATA----->	4.32	0.78	1.42	-1.96	3.78	-0.28	6.80	3.10	7.96	3.36	3.63	-0.48

TOTAL PRECIPITATION AND DEPARTURE FROM NORMAL (INCHES)

VIRGINIA
2017

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
MTN GROVE	3.20		1.97		1.93		5.97		0.87		MA 0.51		40.03	
MUSTOE 1 SW	3.07	-1.54	4.14	0.76	2.20	-1.46	5.88	3.04	1.48	-2.33	1.14	-2.17	41.07	-4.69
NEW CASTLE	4.16		2.76		1.51		9.12		0.91		0.56		41.07	
ROANOKE 8 N	M 2.91	-2.27	3.53	-0.06	2.72	-1.42	4.70	1.64	0.92	-2.34	0.58	-2.65	M 41.80	-2.67
ROANOKE INTL AP	2.07	-1.97	2.31	-1.25	2.38	-1.51	4.18	1.29	0.70	-2.70	0.36	-2.58	37.52	-3.73
STAUNTON WTP	2.56	-1.34	6.12	2.49	1.38	-2.41	2.69	-0.29	1.00	-2.09	0.44	-2.30	36.51	-2.59
WAYNESBORO WTP	M 1.93	-2.30	2.91	-1.13	2.33	-2.37	M 5.12	1.91	1.31	-3.17	M 0.46	-2.48	M 36.35	-8.04
WILLIAMSVILLE 2 S	M		M 1.86		1.74		5.33		1.20		1.06			
--DIVISIONAL DATA----->	3.16	-0.81	3.12	-0.30	2.10	-1.49	5.54	2.37	1.05	-2.14	0.73	-2.07	38.47	-2.17
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3S	2.54	-2.49	5.07	1.47	1.58	-1.77	5.44	3.03	1.33	-1.97	1.84	-2.05	47.40	1.76
BIG STONE GAP	5.12	-0.17	6.98	2.70	1.39	-2.49	5.62	2.69	1.86	-2.10	3.15	-1.94	57.87	5.76
BLACKSBURG NWSO	3.30	-0.96	2.54	-1.05	1.45	-1.65	7.72	4.94	1.19	-1.68	0.68	-2.27	41.00	0.11
BURKES GARDEN	3.23	-1.25	2.40	-1.76	2.24	-1.07	7.37	4.45	0.90	-2.22	1.47	-2.33	M 49.11	3.23
CHRISTIANSBURG	2.85	-1.50	2.81	-0.49	1.75	-1.73	5.90	3.15	1.07	-1.83	0.65	-2.33	40.78	0.05
CLINTWOOD 1 W	4.31	-0.44	5.95	2.30	1.76	-1.52	6.30	3.60	1.44	-1.54	2.88	-0.78	50.81	5.20
COPPER HILL	2.07		3.81		3.41		5.20		1.03		0.88		43.51	-3.60
ELK CREEK 4SSW	3.87		4.37		2.55		8.00		0.76		1.12			
GALAX WTP	2.18		3.18		3.94		9.14		0.45		0.66		48.81	
GRUNDY	5.92	0.72	4.23	0.37	1.66	-1.48	4.99	2.17	1.86	-1.05	2.27	-1.00	47.79	3.43
JOHN FLANNAGAN LAKE	M		M		M		M		MA 1.48		M			
LEBANON	5.28	0.71	4.54	0.87	0.56	-2.53	6.02	3.62	1.24	-1.77	1.65	-1.77	47.55	4.65
NORA 4 SSE	6.11	1.36	5.01	0.73	1.91	-1.40	5.38	2.70	1.39	-1.97	1.46	-2.28	50.23	2.55
PULASKI 2 E	2.24	-1.69	3.47	0.38	2.06	-1.00	6.11	3.46	0.72	-1.73	0.65	-2.15	42.32	5.38
RADFORD 3 N	3.32	-0.90	3.94	0.54	1.84	-1.17	6.00	3.36	1.07	-2.28	0.73	-2.21	39.20	0.93
RICHLANDS	4.20	-0.12	3.00	-1.13	M 1.41	-1.72	5.55	3.11	1.05	-1.93	1.06	-2.39	M 43.20	0.36
SALTVILLE 1N	5.67	0.64	5.73	1.55	1.53	-1.75	5.95	3.22	1.03	-2.22	1.41	-2.25	M 51.11	5.93
STAFFORDSVILLE 3 ENE	5.83	1.74	2.21	-1.03	1.33	-1.76	7.65	5.00	0.75	-2.09	0.69	-2.15	M 44.03	4.92
WILLIS	1.44		3.86		3.45		6.86		1.05		0.88		M 45.33	0.26
WISE 1SE	3.35	-1.95	5.36	1.31	2.34	-1.26	7.04	4.47	1.67	-1.79	1.96	-1.85	51.45	3.47
WYTHEVILLE	3.28	-0.47	3.15	-0.29	2.90	-0.29	6.63	3.94	0.83	-1.90	1.28	-1.50	45.29	6.87
--DIVISIONAL DATA----->	3.81	-0.48	4.08	0.51	2.09	-1.38	6.44	3.34	1.13	-2.07	1.37	-1.90	46.83	2.54

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

VIRGINIA
2017

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																											
DISPUTANTA	40.3	1.3	46.8	6.5	46.9	-0.4	62.6	6.0	64.6	-1.0	73.6	-0.8	79.7	1.4	75.3	-1.3	69.7	-0.2	61.7	3.1	46.8	-2.9	37.5M	-3.3	M 58.8	0.6	
EMPORIA 1 WNW	M	M	M	M	MM	MM	62.6M	4.7	65.2	-0.9	MM	MMF	77.2M	0.0	72.4	1.6	64.1	4.3	49.3	-1.2	40.4M	-1.2	M	M	M	M	
FREDERICKSBURG SEWAGE	38.5M	3.0	46.3	8.9	MM	MM	60.7M	5.5	MM	MM	79.6M	2.2	74.7M	-1.4	69.5M	0.5	62.2M	4.8	45.8M	-1.7	37.5M	-0.7	M	M	M	M	
HOLLAND 1 E	42.8	3.0	43.7F	0.9	52.9F	3.3	65.6	7.1	67.4	0.4	75.6	0.2	80.0M	0.9	76.5	-0.9	72.7	1.4	65.4M	4.6	51.5	-0.6	MM	M 63.1	3.3		
HOPEWELL	44.2M	3.0	51.8	7.6	51.0	-0.6	MM	67.9M	-1.1	76.8M	-0.4	82.2M	1.4	77.6	-1.6	72.8	0.0	65.2	2.8	51.2M	-2.1	41.2M	-2.8	M 62.0	0.5		
NORFOLK INTL AP	45.1	4.7	51.5	8.9	50.0	0.6	66.4	8.2	68.4	1.8	77.5	2.2	82.3	2.7	78.9	1.0	73.7	1.4	66.8	4.7	53.4	0.5	43.0	-1.1	63.1	2.9	
NORFOLK S	43.4	2.6	50.4	7.1	49.1	-1.1	64.9	5.5	66.8	-1.1	75.3	-0.7	80.1	0.0	77.1	-0.9	71.7	-0.4	64.7	2.7	51.3	-1.3	40.8M	-2.9	M 61.3	0.7	
NORTH	41.2	3.3	45.4	5.1	45.6	-1.1	61.8	5.4	63.9M	-1.0	73.4	0.0	79.5	1.9	74.7	-1.6	70.4	0.0	62.8	3.0	48.9	-1.5	39.3	-2.2	M 58.9	0.9	
PAINTER 2W	43.0	3.9	48.9	8.0	47.9	0.3	63.5	6.6	65.5	0.0	75.0	0.7	80.7	2.1	75.6	-1.1	71.9	1.0	64.2	3.4	51.4	-0.3	MM	62.5	3.6		
STONY CREEK 2 N	41.3F	3.7	47.8	6.4	47.0	-1.5	64.0	5.5	66.2	-0.9	74.8	-1.1	80.4	0.8	75.9	-1.5	70.5	-0.2	62.1	3.3	48.1	-1.8	MM	61.6	2.7		
SUFFOLK LAKE KILBY	43.6	3.6	50.2	7.4	48.6	-1.2	64.6	6.0	66.3	-0.4	74.5	-0.4	78.8	0.0	76.0	-1.1	70.9	-0.5	63.5	2.3	50.7	-1.2	40.9M	-2.3	M 60.7	0.9	
WAKEFIELD 1NW	42.1	3.9	49.2	8.2	47.8	-0.2	65.0	7.8	66.0	0.2	74.8	0.6	80.4	1.9	76.0	-0.5	70.7	0.7	63.1	3.7	49.3	-1.1	39.9	-1.0	60.4	2.0	
WALKERTON 2 NW	43.0	4.9	50.2	9.0	49.5	0.5	65.7	6.8	67.3	0.4	75.2	0.0	80.8	2.0	77.2	-0.1	71.8	0.9	64.5	4.7	M	MM	M	M			
WALLACETON LK DRUMMOND	39.1	2.0	44.7	4.7	M	M	62.0	6.1	64.4	-0.7	72.3	-0.5	77.5	0.3	73.2	-1.6	69.3	0.8	59.4	0.9	M	M	M	M			
WALLOPS ISLAND NASA TEST FACIL	41.4	4.8	45.1	6.4	45.1	0.1	60.6	6.7	63.2	0.5	73.4M	1.2	79.0	1.9	75.0	-0.5	70.6	1.1	63.4	4.3	49.5	-0.2	39.2	-1.3	M 58.8	2.0	
WARSAW 2 NW	43.1M	4.8	49.0M	7.9	48.2M	-0.4	64.7M	6.5	67.0M	0.4	74.7M	-0.3	MM	76.3M	-0.8	73.0M	2.5	63.5M	3.5	M	MM	M	M				
WEST POINT 2 NW	41.9	3.4	49.0	7.6	48.5	-0.3	64.5	6.0	66.5	-0.4	75.4	0.1	81.2	2.2	76.4	-0.8	71.2	0.6	63.4	3.3	49.0	-1.8	38.8M	-2.7	M 60.5	1.4	
WILLIAMSBURG 2 N	43.0	4.5	49.7	8.4	49.2	0.8	65.3	7.4	66.7	0.7	75.8	1.7	81.9	3.9	78.0	1.5	72.6	2.2	64.4	4.5	50.6	-0.2	40.2	-1.5	61.5	2.8	
--DIVISIONAL DATA----->	42.2	4.5	48.2	8.1	48.5	0.8	63.8	7.4	66.1	0.8	74.9	1.3	80.3	2.1	76.2	-0.2	71.4	0.9	63.6	4.3	49.8	-0.3	39.9	-1.9	60.4	2.3	
EASTERN PIEDMONT 02																											
AMELIA COURTHOUSE 1	41.3MF	4.4	47.4M	7.4	48.5	1.3	64.6M	7.8	66.0	0.9	73.6M	-0.2	79.9	2.3	MM	70.7M	1.9	63.3	5.3	47.9M	-0.9	39.2M	-0.8	M 58.4	0.9		
ASHLAND	40.6	4.3	48.3	8.6	48.4	0.8	63.8	6.3	64.3	-0.8	72.9	-0.5	78.7	1.6	74.7	-1.0	69.0	0.1	62.3	4.6	47.6	-1.0	38.2	-0.9	59.1	1.8	
BREMO BLUFF	39.2	2.3	47.6M	8.1	45.9	-1.8	62.0MF	4.7	64.2M	-2.0	72.5M	-2.6	MM	76.4M	-1.1	70.2M	0.2	63.5M	5.3	44.9M	-3.4	40.1M	0.9	M 57.0	-1.0		
CAMP PICKETT	40.5	4.4	45.1	6.1	47.0	0.7	60.9	5.1	64.8M	0.5	72.6	-0.3	78.3	1.3	73.7	-1.6	64.7M	-3.8	62.6	5.4	47.4	-0.8	39.0	0.0	M 58.1	1.4	
CHASE CITY	41.1	3.5	48.9	8.2	49.0	1.1	62.4	5.2	65.6	0.0	72.4	-2.1	78.5	0.2	74.9	-1.8	69.4	-0.3	62.1F	3.6	47.9	-1.6	40.4	0.1	59.4	1.3	
CLARKSVILLE	42.6	4.6	49.5	8.6	49.9M	0.9	61.9M	3.4	67.1M	0.2	74.6M	-0.5	80.5	1.4	76.3	-1.1	71.8	1.0	63.6M	4.4	49.0	-1.4	40.8	-0.3	M 60.6	1.7	
CORBIN	40.2	5.5	47.5	9.6	46.6	1.1	62.3	6.8	63.3	-0.5	73.3	0.6	78.5	1.7	73.9	-1.4	68.5	0.2	61.6	4.4	47.0	-0.9	MM	60.2	4.0		
CROZIER	39.1	3.2	44.6M	5.8	45.5	-0.1	60.6	5.2	62.7	-1.0	71.7	-0.9	77.9	0.9	73.6	-2.0	67.5	-0.9	60.8	3.8	45.3M	-2.8	37.1	-1.9	M 57.2	0.7	
FARMVILLE 2 N	41.1	5.8	48.2	10.2	48.0	2.2	62.4M	7.5	65.1	1.1	72.9	-0.4	79.7	2.3	75.1	-0.8	70.0	1.8	62.1	4.8	46.8	-0.7	MM	M 61.0	4.6		
JOHN H KERR DAM	43.2	4.2	49.9	8.0	49.8	0.7	64.7	5.9	68.7	1.3	75.9M	-0.2	83.4F	3.3	78.4	-0.3	73.1	1.4	65.0	4.5	50.0	-1.4	41.5F	-0.6	M 62.0	2.2	
KEYSVILLE 2 S	40.5		47.8		47.7		62.2		64.7		72.8		78.8		74.7		69.6		62.2		46.6		38.5		58.8		
LOUISA	40.3	4.3	47.5	8.4	46.7	0.0	61.8	5.2	64.1	-0.7	72.0	-1.2	77.5	0.4	73.4	-2.1	67.4	-1.0	60.3	2.9	45.5	-2.2	36.6M	-1.8	M 57.8	1.0	
PALMYRA 3S	38.3	4.4	44.8	8.5	44.4	0.6	59.6	5.9	62.5	1.3	70.6	0.7	77.1	3.0	72.6M	-0.1	66.5	0.9	59.2	4.7	44.3	-1.0	M	M 58.2	4.2		
PETERSBURG	41.2M	3.4	47.7	6.8	47.9	-0.5	64.4	6.5	65.8	-0.7	74.2	-0.8	80.6M	1.4	77.0	-0.5	70.8	0.2	63.3	4.0	49.0	-1.3	38.3M	-2.7	M 60.0	1.2	
RICHMOND INTL AP	41.6	3.7	49.0	8.1	49.0	0.4	64.2	6.0	65.9	-0.5	75.1	-0.2	81.3	2.0	76.5	-1.0	71.1	0.5	63.6	3.9	49.1	-1.3	39.6	-1.4	60.5	1.6	
--DIVISIONAL DATA----->	40.7	4.8	47.6	8.5	47.6	0.7	62.5	6.6	65.0	0.9	73.1	0.7	79.3	2.5	75.1	0.0	69.4	0.9	62.4	5.5	47.2	-0.8	39.1	-0.3	59.1	2.5	
WESTERN PIEDMONT 03																											
APPOMATTOX	40.3M	5.2	46.9	8.3	47.1	1.4	61.8	6.4	64.9M	1.6	73.5M	1.3	78.6	2.7	75.0	0.3	69.0	1.4	61.3M	4.5	45.5	-1.7	37.4	-0.9	M 58.4	2.4	
BROOKNEAL	39.7M	8.4	46.2	12.4	46.5	4.9	61.6	10.4	MM	MM	72.0M	2.8	77.8	5.7	74.6M	3.4	68.6	5.2	60.8M	9.3	45.7M	3.4	37.9	3.4	M 57.4	5.5	
CHARLOTTESVILLE 2W	39.2	3.3	47.7	8.6	46.1	-0.7	61.7	4.5	64.0	-1.0	73.9	0.3	79.7	2.5	74.7	-1.0	69.2	0.4	62.1	3.8	46.6	-2.3	38.3	-0.6	58.6	1.4	
CHATHAM	39.3	4.7	45.4	7.9	46.1	1.4	60.5	6.6	63.4	1.2	70.3	-0.6	75.9	1.2	72.5	-0.8	67.0	0.9	58.8	3.8	45.2M	-0.6	37.0M	-0.1	M 56.8	2.1	
DANVILLE RGNL AP	42.0	4.3	49.0	8.1	49.5	0.8	62.7	4.4	66.1	-0.3	72.7	-2.1	78.2	-0.1	75.0	-2.0	69.1	-0.8	61.5	2.0	47.3	-1.9	39.5	-0.6	59.4	0.9	

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

VIRGINIA
2017

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.
FREE UNION	38.3		44.9		44.7		59.6		62.1		72.5		75.8		72.1		67.4		59.7		44.3		36.0		56.5	
LYNCHBURG INTL AP	40.0	4.9	46.4M	8.2	47.4	1.5	61.1	5.7	64.4	1.3	71.5	-0.1	77.0M	1.7	73.9	-0.2	67.8	0.8	60.1	3.9	46.0	-0.8	37.3	-0.3	M 57.7	2.1
MARTINSVILLE FLTR PLT	39.7	4.2	45.6	7.2	45.8	-0.2	59.6	4.4	64.7M	1.4	71.1M	-0.6	76.6	1.2	72.7	-1.2	67.2	0.6	59.0	3.2	45.9M	-0.4	37.3	-0.4	M 57.1	1.6
MEADOWS OF DAN 5 SW	40.5M		46.1		46.0		59.5		62.8		69.2M		73.8		71.0		65.7		59.4		46.8		37.9		M 56.6	
MONTEBELLO FISH CULTURAL STN	36.5M		41.4M		MM		MM		56.9M		MM		MM		67.2M		MM		MM		MM		MM		M	
MONTICELLO	M		M		M		M		M		M		M		M		M		M		M		M		M	
ROCKY MT	40.7	5.1	46.2M	7.9	46.8	1.4	60.2M	5.5	64.2	1.6	71.3	0.2	77.3M	2.4	72.9M	-0.6	66.8M	0.4	59.4	3.5	45.9	-0.7	38.5M	0.6	M 57.5	2.2
S BOSTON	43.4	7.0	49.5M	10.1	50.5M	3.9	64.0	8.2	68.1M	4.3	75.3	2.5	80.9	4.1	76.8	1.4	71.4	3.0	62.5	5.3	47.7	-0.1	40.0	0.7	M 60.8	4.1
STUART	41.7	4.9	47.0	7.2	47.1	0.2	61.2	5.0	65.1	1.0	70.9	-1.1	76.6	1.3	73.3	-1.2	67.6	-0.5	60.3	2.6	47.8M	-0.6	39.3	0.1	M 58.2	1.5
--DIVISIONAL DATA----->	40.1	4.3	46.3	7.4	47.0	0.5	61.1	5.4	63.9	0.4	72.0	0.4	77.4	1.5	73.2	-1.1	68.1	0.5	60.4	4.1	46.2	-1.3	38.0	-0.9	57.8	1.8
NORTHERN 04																										
FRONT ROYAL	37.9	5.0	43.8M	7.6	42.2M	-1.0	58.7MF	4.4	60.5M	-1.9	MM		76.3M	1.3	70.9M	-3.0	MM		59.8M	3.7	43.3M	-3.1	35.9M	-0.4	M	
PURCELLVILLE	MM		42.1M	8.5	MM		M		M		M		76.1M	1.2	72.0	-1.1	65.9M	0.3	60.2	5.9	43.7	-0.7	34.3M	-0.5	M	
LURAY 5 E	38.3	5.4	44.5	8.0	42.8	-1.5	58.5	3.9	61.3	-1.5	69.3	-1.6	74.5	0.0	70.9	-2.2	65.8	-0.7	60.0	3.5	44.7	-2.2	35.4	-1.5	55.5	0.7
MANASSAS	39.0M	5.5	46.5M	10.5	44.2M	0.2	61.5	7.1	63.9M	-0.1	74.5M	0.7	MM		74.0M	-2.9	68.0M	-0.6	60.7M	4.3	46.9M	0.2	36.8M	-0.3	M 56.0	0.1
MT WX 2	M		M		M		M		M		M		M		M		M		M		M		M		M	
MT WX 3	M		M		M		M		M		M		M		M		M		M		42.6M		32.7		M	
PIEDMONT RSCH STN	38.2	3.9	45.8	8.5	44.6	-0.4	61.5	6.2	63.4	-0.3	72.8	0.2	78.2M	1.8	73.9	-1.0	69.2	1.2	62.1M	5.4	45.6	-1.9	37.0	-0.5	M 57.7	1.9
SOMERSET	38.5	5.0	45.2	8.7	44.6	0.1	59.8	5.9	63.1	-0.3	72.6M	0.8	77.9	2.6	73.2	-1.5	67.8	0.5	60.1	4.4	45.2	-1.4	35.7	-1.0	M 57.0	1.9
SPERRYVILLE	37.8M	4.7	44.9	8.7	46.2M	2.6	60.8M	7.1	62.3M	0.3	MM		78.7M	4.1	74.1	0.6	70.0MF	3.3	62.8M	6.9	MM		37.2M	0.6	M	
STERLING (RCS)	37.9M	5.9	42.7	8.1	42.5	-0.2	59.5	6.4	62.3	0.0	72.9	1.4	77.8	1.9	73.2	-1.2	68.0	1.2	60.7	5.5	44.4	-1.0	34.8	-0.8	M 56.4	2.2
VIENNA	37.2	4.6	41.9	6.2	41.7	-1.1	58.1	4.2	60.4	-1.1	70.6	0.1	75.5	0.9	71.3	-1.8	66.5	0.4	59.2M	4.2	44.7	-1.5	34.5	-1.9	M 55.1	1.0
WASHINGTON DULLES INTL AP	39.4	6.2	44.8	8.6	44.2	0.0	61.0	6.6	62.4	-0.8	73.1	0.7	77.7	1.0	73.3	-2.1	68.5	0.6	61.1	5.1	45.7	-0.7	35.0	-1.6	57.2	1.9
WASHINGTON REAGAN NATL AP	42.1	6.1	47.7	8.7	47.2	0.4	63.8	7.0	65.5	-0.5	77.3	2.1	81.7	1.9	77.4	-0.7	72.5	1.5	64.9	5.4	49.8	0.2	39.2	-0.5	60.8	2.6
WINCHESTER	37.3	5.5	44.2	9.3	41.8	-0.5	58.3	5.2	61.5	-0.5	72.7	1.7	77.1	1.9	72.2	-1.4	68.8	2.7	60.7	6.1	44.5	-0.9	35.5	0.2	56.2	2.3
WINCHESTER 7 SE	36.9M	6.0	43.0	9.5	40.3M	-0.7	56.5	5.0	60.3M	-0.3	70.3M	0.5	75.7M	1.6	70.2M	-2.3	65.6M	0.5	58.5M	4.9	42.8M	-1.3	34.4M	0.5	M 54.5	1.9
WOODSTOCK 2 NE	37.6	7.1	42.3	9.2	42.2M	1.1	57.1	6.6	61.2	0.8	70.2	0.8	75.0	1.5	70.2M	-2.1	66.3M	1.5	59.9M	6.2	43.0	-0.5	34.6	0.6	M 55.0	2.7
--DIVISIONAL DATA----->	38.3	6.5	44.2	9.1	43.4	0.3	59.6	6.7	62.2	0.4	72.4	2.3	77.1	2.6	72.6	-0.2	67.9	1.9	60.8	6.3	44.8	-0.4	35.5	-0.5	56.6	2.9
CENTRAL MOUNTAIN 05																										
COVINGTON FLTR PLT	38.4M	4.9	41.8	5.3	42.5	-1.6	57.3	3.5	60.9	-1.9	66.8	-4.2	72.6	-2.0	69.4	-4.1	64.3	-2.0	57.3	1.2	43.3M	-2.4	35.0	-1.5	M 54.1	-0.5
DALE ENTERPRISE	37.1	6.7	43.3	10.4	42.1	1.1	54.7	4.2	59.6M	-0.7	69.0M	-0.7	74.8M	1.3	70.2M	-1.9	64.8M	0.2	58.6M	5.2	43.0	-0.2	34.9	1.2	M 54.3	2.1
GATHRIGHT DAM	37.5	6.1	41.1	7.0	42.3	0.4	57.4M	5.7	60.5	0.2	66.2	-2.3	71.6M	-0.4	68.5	-2.5	63.8	-0.2	57.0	3.7	42.5	-1.1	34.1	0.2	M 53.5	1.3
HOT SPRINGS	36.2	6.2	40.9M	7.9	41.1	0.2	55.9	5.0	60.1M	0.7	66.8	-0.6	73.0	2.2	68.8M	-1.0	63.6	0.9	56.5	4.5	41.6	-0.9	32.7	-0.1	M 53.1	2.0
LEXINGTON	38.7	4.7	43.7	6.9	44.7	0.0	58.7	4.7	62.9	0.1	70.1	-1.3	75.8	0.6	72.4	-1.8	66.7	0.0	59.3	3.5	43.5	-2.2	36.2	-0.5	56.1	1.2
MILLGAP	33.8	6.1	37.4	7.3	36.9	-1.2	51.5	4.1	55.8	-0.6	61.9	-1.5	68.1	0.7	64.7	-1.9	60.1	0.5	53.0	4.1	38.3	-1.3	30.0	-0.1	49.3	1.3
MUSTOE 1 SW	33.7	5.6	38.4	7.2	38.7	0.4	53.0	4.8	56.5	-0.1	62.4	-2.0	67.8	0.0	64.6M	-1.9	59.4	-0.6	53.3	3.7	38.9	-1.5	29.6	-1.1	M 49.7	1.1
ROANOKE 8 N	39.4MF	4.1	46.0M	7.3	46.9	1.1	60.2M	5.2	64.2	0.9	70.1M	-1.6	MM		72.8	-1.8	67.4	-0.6	60.2	3.1	44.8	-2.3	37.5	-1.2	M 55.4	-0.6
ROANOKE INTL AP	41.6	5.0	48.3	8.7	48.6	1.3	62.0	5.3	65.5	0.9	72.6	-0.3	78.6	1.9	75.1	-0.3	68.8	0.7	61.4	3.7	47.5	-0.6	39.0	0.0	59.1	2.1
STAUNTON WTP	37.8	5.2	45.2	9.6	42.9	-0.3	58.2	5.3	61.3	-0.2	69.8	-0.2	75.2	1.6	70.5	-1.8	65.3	0.1	59.9	5.7	44.2	-1.0	35.2	-0.6	55.5	1.9
WAYNESBORO WTP	37.9	5.1	43.6	8.7	42.9	0.6	58.4	6.9	61.5	0.6	69.3M	-0.6	75.8M	2.3	71.6	-0.7	65.2	0.3	59.2M	5.0	42.8	-1.7	34.8	-0.6	M 55.3	2.1
--DIVISIONAL DATA----->	37.5	5.2	42.7	7.1	42.7	-1.0	57.0	4.3	60.8	-0.6	67.7	-1.6	73.3	-0.1	69.9	-2.0	64.5	-0.6	57.8	3.8	42.8	-1.5	34.5	-1.4	54.3	1.0
SOUTHWESTERN MOUNTAIN 06																										
ABINGDON 3S	40.9F	7.8	42.0	5.2	44.9	0.4	58.7	5.4	62.5	0.5	68.0M	-2.0	73.5	0.5	71.3	-0.9	65.2	-0.4	57.0	2.4	45.4	0.3	36.0	0.2	M 55.5	1.6
BIG STONE GAP	41.1	7.1	43.0	5.2	44.2	-1.5	59.0	4.7	62.7	-0.3	68.1	-2.9	73.7	-0.7	70.7	-3.3	65.7	-1.5	57.1	1.1	45.6	-0.7	36.4	-0.5	55.6	0.5
BLACKSBURG NWSO	36.8	5.3	42.4	8.2	42.5	0.9	56.1	5.4	60.5	1.2	66.4	-1.3	72.5	1.3	68.7	-1.3	64.6M	1.5	56.4	4.1	43.3	0.0	34.0	0.2	M 53.7	2.1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL(°F)

VIRGINIA
2017

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.
BURKES GARDEN	36.0M	7.1	38.4M	6.8	39.3	0.2	52.9	5.0	57.3M	1.1	62.1M	-2.0	67.4	0.0	64.3M	-1.9	58.4M	-1.2	51.4	2.3	39.3	-1.2	30.5	-1.1	M 49.8	1.2
CHRISTIANSBURG	36.9	4.1	42.2	6.4	42.9	-0.4	56.6	3.9	60.6	-0.4	66.7	-1.9	72.4	0.0	68.8	-2.6	63.5	-0.9	57.1	2.6	43.9	-1.5	35.2	-0.5	M 53.9	0.6
CLINTWOOD 1 W	39.8	8.7	41.3	6.7	43.0	0.6	57.7	5.8	61.9	2.1	65.9	-1.7	71.8	0.7	68.2	-2.3	63.1	-0.3	54.7	1.8	43.8	0.5	34.4	0.3	M 53.8	1.8
COPPER HILL	36.1		41.8		41.0		56.6M		59.1M		65.6M		72.8		67.6M		62.3		55.4		42.5		32.8		M 52.8	
ELK CREEK 4SSW	M		M		M		M		60.7		66.8		71.6		67.9		63.4		56.6		45.7		34.9M		M	
GALAX WTP	40.2	9.2	42.9	8.6	43.2	2.4	56.1M	6.1	61.5	2.6	66.7	-0.2	72.8	2.4	69.1	-0.1	62.9	0.5	55.1	3.3	44.0	1.1	35.4	1.2	M 54.2	3.1
GRUNDY	40.4	7.5	43.4	7.1	44.3	0.6	58.6	5.8	63.4	2.3	68.7	-0.5	74.7	1.9	70.4	-1.8	65.4	-0.2	57.2	2.3	45.1M	0.2	35.9	0.3	M 55.6	2.0
JOHN FLANNAGAN LAKE	MM		MM		MM		MM		MM		MM		MM		MM		MM		MM		MM		MM		M	
LEBANON	40.4	7.4	41.6	5.7	43.9	0.7	57.9	6.0	62.1	1.4	67.3	-1.2	73.1	1.2	70.1	-0.9	64.3	-0.5	56.8	3.6	44.8	0.6	35.2	-0.2	M 54.8	1.9
NORA 4 SSE	38.7	8.6	42.3	8.8	43.9	2.5	58.0	7.7	61.1	0.4	67.9	-1.1	72.9	1.2	69.2	-2.1	65.1	-0.1	58.0	3.3	44.5	0.0	34.0	0.1	M 54.6	2.3
PULASKI 2 E	38.1M	5.1	43.5	7.8	43.2	0.3	57.2M	5.3	61.6	1.0	67.6	-1.2	73.3	1.0	69.4	-1.7	63.3	-0.8	56.0M	2.4	43.9M	-0.8	34.1	-1.3	M 54.3	1.4
RADFORD 3 N	37.4	7.1	42.1	8.0	42.8	1.9	56.6	6.4	60.9	1.3	66.8	-1.4	73.1	0.7	69.3	-1.7	63.9	0.6	57.0	4.8	43.8	0.8	34.3	0.6	M 54.0	2.4
RICHLANDS	39.5M	7.5	42.3M	7.1	43.4	1.3	57.2M	5.7	61.0M	0.8	66.6M	-1.5	72.3M	0.8	70.2M	-0.7	64.3	-0.1	57.8M	4.6	44.0M	-0.2	34.9	0.3	M 54.5	2.1
SALTVILLE 1N	40.6	7.7	42.7	6.6	44.5	0.7	57.7	4.8	62.1	0.5	67.8	-1.7	73.2M	0.3	70.7	-1.3	65.0	-0.5	57.1	2.8	44.3	-0.3	35.1	-0.3	M 55.1	1.6
STAFFORDSVILLE 3 ENE	37.2	5.6	42.7	7.7	42.8	0.1	56.5	4.9	60.3M	0.7	65.6	-2.2	71.6	0.1	68.1	-2.3	62.8	-0.9	55.2	2.0	42.5	-1.4	33.9	-0.6	M 53.3	1.1
WISE 1SE	39.5	6.4	42.5	5.7	44.5	-0.2	59.1	5.5	61.8	1.0	66.8	-1.1	72.2	1.3	68.9	-1.1	64.1	-0.1	57.5	2.6	46.0	0.4	34.9	-1.2	M 54.8	1.5
WYTHEVILLE	38.0	7.3	42.5	8.6	42.8	1.7	56.4	6.5	61.5	2.8	66.8	0.2	72.9	2.5	69.4	-0.1	63.3	0.7	56.0	4.1	43.4	0.7	34.0	0.4	M 53.9	2.8
--DIVISIONAL DATA----->	38.8	6.8	42.2	7.0	43.2	-0.1	57.2	5.9	61.2	1.6	66.7	-0.5	72.5	1.3	69.1	-0.7	63.7	0.1	56.3	3.6	44.0	0.5	34.5	-0.8	M 54.1	2.0

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

VIRGINIA
2017

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																													
DISPUTANTA	98	07/23	-4	01/09	01/11	12	03/18	19	03/18	19	04/08	28	04/09	29	10/18	32	11/11	27	11/24	22	12/13	19	12/28	15	351	270	251	217	192
EMPORIA 1 WNW	97	07/15	14	12/29	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG
FREDERICKSBURG SEWAGE	96	07/23	8	01/10	01/10	8	02/11	18	03/17	22	03/23	26	04/09	31	11/11	24	11/11	24	11/11	24	12/28	15	12/28	15	352	320	239	233	216
HOLLAND 1 E	96	07/14	3	01/09	01/09	3	02/12	18	02/27	24	03/23	27	04/08	32	11/11	31	11/24	25	12/13	24	NONE	NONE	NONE	NONE	NONE	NONE	289	246	217
HOPEWELL	98	07/22	0	01/09	01/10	10	01/10	10	03/16	23	03/17	25	03/24	30	11/11	28	11/11	28	12/13	21	12/28	14	12/28	14	352	352	272	239	232
NORFOLK INTL AP	100	07/14	16	01/10	01/10	16	01/10	16	01/10	16	03/17	27	03/24	31	11/24	29	12/13	26	12/28	23	NONE	NONE	NONE	NONE	NONE	NONE	352	271	245
NORFOLK S	96	07/14	13	01/10	01/10	13	02/10	13	02/10	24	03/17	26	03/24	30	11/23	32	12/14	26	12/28	20	12/28	20	NONE	NONE	NONE	352	321	272	244
NORTH	98	07/22	9	01/10	01/11	14	01/11	14	03/17	24	03/23	26	03/25	32	11/11	29	11/24	27	12/13	22	12/28	17	NONE	NONE	NONE	351	271	246	231
PAINTER 2W	96	07/13	7	01/09	01/10	9	01/10	9	03/15	24	03/23	27	03/24	29	11/11	27	11/11	27	11/24	24	NONE	NONE	NONE	NONE	NONE	254	233	232	
STONY CREEK 2 N	99	07/22	-6	01/10	01/11	7	03/17	20	03/18	24	03/24	27	03/25	29	10/28	30	11/11	27	11/24	24	NONE	NONE	NONE	NONE	NONE	251	232	217	
SUFFOLK LAKE KILBY	93	07/14	9	01/08	01/10	15	01/10	15	03/15	24	03/17	26	03/24	30	11/11	32	12/13	25	12/28	18	12/28	18	NONE	NONE	NONE	352	288	271	232
WAKEFIELD 1NW	99	07/22	-6	01/09	01/10	7	03/17	20	03/23	24	03/24	27	04/08	30	11/10	32	11/11	27	11/24	23	12/13	20	12/28	13	352	271	246	232	216
WALKERTON 2 NW	100	07/22	0	01/09	01/10	7	03/16	20	03/23	24	03/23	24	04/08	30	12/30	23	12/30	23	12/30	23	NONE	NONE	NONE	NONE	NONE	282	282	266	
WALLACETON LK DRUMMOND	99	07/23	5	01/10	02/17	13	02/18	20	02/27	23	04/03	25	05/09	30	10/17	30	10/18	28	10/27	23	NONE	NONE	NONE	NONE	NONE	242	198	161	
WALLOPS ISLAND NASA TEST FACIL	95	07/13	6	01/09	01/10	9	03/05	20	03/15	24	03/23	25	03/23	25	11/10	30	11/11	25	12/13	23	12/28	16	12/28	16	352	298	273	233	232
WARSAW 2 NW	98	07/21	2	01/09	01/10	15	02/17	20	03/23	23	03/23	23	03/24	29	12/04	28	12/04	28	NONE	NONE	NONE	NONE	NONE	NONE	NONE	256	255		
WEST POINT 2 NW	100	07/22	3	01/09	01/10	10	02/10	19	03/17	22	03/23	25	04/08	30	11/10	31	11/11	27	12/13	20	12/13	20	12/28	15	352	306	271	233	216
WILLIAMSBURG 2 N	99	07/22	9	01/09	01/10	12	01/10	12	03/16	24	03/17	26	03/24	31	11/11	30	11/24	28	12/13	21	12/28	16	12/28	16	352	352	272	252	232
EASTERN PIEDMONT 02																													
AMELIA COURTHOUSE 1	98	07/23	0	01/09	01/10	10	03/16	20	03/17	24	03/23	26	04/08	32	11/11	22	11/11	22	11/11	22	12/13	16	12/13	16	337	272	239	233	217
ASHLAND	95	07/22	-2	01/08	01/10	9	03/16	18	03/17	21	03/23	28	04/08	30	11/11	23	11/11	23	11/11	23	12/13	17	12/28	13	352	272	239	233	217
BREMO BLUFF	102	07/23	-2	01/09	03/18	16	03/24	19	03/24	19	04/09	26	05/10	30	10/27	32	11/11	21	11/11	21	11/12	20	12/29	9	286	233	232	216	170
CAMP PICKETT	97	07/23	-2	01/10	01/10	-2	04/08	20	04/08	20	04/09	27	04/09	27	11/11	26	11/11	26	11/24	24	12/13	20	12/28	8	352	249	230	216	216
CHASE CITY	94	07/24	7	01/10	01/10	7	01/10	7	03/18	24	03/18	24	04/08	32	11/11	30	11/20	28	12/16	23	12/28	20	NONE	NONE	NONE	352	273	247	217
CLARKSVILLE	98	07/25	2	01/10	01/10	2	01/10	2	03/18	22	03/18	22	03/24	31	11/11	28	11/11	28	12/13	23	12/28	17	12/29	15	353	352	270	238	232
CORBIN	97	07/22	4	01/09	02/10	16	03/15	20	03/23	24	04/08	28	04/08	28	11/10	28	11/10	28	11/11	22	NONE	NONE	NONE	NONE	NONE	233	216	216	
CROZIER	97	07/23	0	01/10	03/20	15	03/20	15	05/09	23	05/09	23	05/09	23	11/11	16	11/11	16	11/11	16	11/11	16	11/11	16	236	236	186	186	186
FARMVILLE 2 N	99	07/23	0	01/09	01/10	1	03/17	20	03/18	24	03/24	27	03/24	27	11/11	27	11/11	27	11/24	24	NONE	NONE	NONE	NONE	NONE	251	232	232	
JOHN H KERR DAM	102	07/24	0	01/10	01/10	0	01/10	0	03/17	23	03/23	26	03/24	30	11/11	26	11/11	26	12/13	24	12/28	16	12/28	16	352	352	271	233	232
KEYSVILLE 2 S	97	07/23	1	01/10	01/10	1	03/17	18	03/18	22	03/24	28	04/08	30	11/11	24	11/11	24	11/11	24	12/13	20	12/28	13	352	271	238	232	217
LOUISA	96	07/22	-6	01/08	03/04	15	03/23	19	03/23	19	04/08	27	05/09	31	10/18	31	11/11	20	11/11	20	11/11	20	12/16	15	287	233	233	217	162
PALMYRA 3S	96	07/15	-4	01/10	03/17	16	03/23	20	03/24	21	03/24	21	05/09	31	10/18	30	11/11	24	11/11	24	11/24	20	NONE	NONE	NONE	246	232	232	162
PETERSBURG	101	07/21	1	01/07	01/10	16	01/10	16	03/17	22	03/22	28	03/24	32	11/10	29	11/11	28	12/12	22	12/27	16	12/27	16	351	351	270	234	231
RICHMOND INTL AP	101	07/22	0	01/09	01/10	12	02/10	18	03/17	24	03/23	28	03/24	31	11/10	30	11/11	26	12/13	20	12/13	20	12/28	14	352	306	271	233	231
WESTERN PIEDMONT 03																													
APPOMATTOX	97	07/23	5	01/08	01/10	9	03/17	19	03/17	19	03/24	26	03/24	26	11/11	22	11/11	22	11/11	22	12/13	19	12/28	10	352	271	239	232	232
BROOKNEAL	95	08/21	0	01/09	01/10	2	03/18	20	03/24	24	04/09	28	04/10	29	10/27	31	11/11	23	11/11	23	12/16	20	12/28	11	352	273	232	216	200
CHARLOTTESVILLE 2W	100	07/23	9	01/09	01/10	11	03/16	18	03/17	24	03/24	27	03/24	27	11/11	22	11/11	22	11/11	22	12/13	19	12/28	12	352	272	239	232	232
CHATHAM	92	07/24	-3	01/10	03/18	16	03/18	16	03/24	22	03/25	28	04/10	30	10/27	32	11/11	25	11/12	23	12/14	18	12/28	14	285	271	233	231	200
DANVILLE RGNL AP	95	07/22	-1	01/09	01/10	11	03/17	19	03/17	19	03/23	26	04/08	30	11/10	32	11/11	25	11/24	23	12/13	19	12/28	14	352	271	252	233	216
FREE UNION	94	07/23	4	01/09	01/11	16	03/24	20	03/24	20	03/24	20	04/10	31	10/27	32	11/11	21	11/11	21	12/28	13	12/28	13	351	279	232	232	200
LYNCHBURG INTL AP	95	07/23	0	01/09	01/10	15	03/15	18	03/17	22	03/23	25	04/08	32	11/10	28	11/10	28	11/11	23	12/13	19	12/28	11	352	273	239	232	216

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

VIRGINIA
2017

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.					
MARTINSVILLE FLTR PLT	96	07/23	-3	01/09	03/18	16	03/18	16	03/24	22	03/24	22	04/10	29	11/10	32	11/11	24	11/11	24	12/13	20	12/28	13	285	270	232	232	214
MEADOWS OF DAN 5 SW	90	07/25	8	01/09	03/16	15	03/18	18	03/18	18	03/24	28	03/24	28	11/11	26	11/11	26	12/11	24	12/13	20	12/28	14	287	270	268	232	232
MONTEBELLO FISH CULTURAL STN	92	07/23	-1	01/10	03/05	16	03/12	19	03/12	19	03/12	19	05/09	30	10/17	31	11/15	22	11/15	22	12/10	16	12/10	16	280	273	248	248	161
MSG					MSG		MSG		MSG		MSG		MSG		NONE		NONE		NONE		NONE		NONE						
ROCKY MT	96	07/21	1	01/10	03/16	16	03/16	16	03/24	24	03/24	24	04/10	31	11/10	32	11/11	22	11/11	22	12/28	13	12/28	13	287	287	232	232	214
SOUTH BOSTON	98	07/23	0	01/10	01/10	0	01/11	19	03/18	23	03/18	23	03/25	32	NONE		NONE		NONE		NONE		NONE						
STUART	93	07/23	4	01/09	01/10	7	03/18	19	03/18	19	03/24	26	03/24	26	11/11	24	11/11	24	11/11	24	12/28	12	12/28	12	352	285	238	232	232
NORTHERN 04																													
FRONT ROYAL	95	07/21	8	12/29	03/03	11	03/06	19	03/18	22	03/24	25	05/17	31	11/11	20	11/11	20	11/11	20	11/11	20	12/28	8	300	250	238	232	178
LINCOLN	78	03/25	16	02/05	02/05	16	02/18	20	02/18	20	02/27	27	02/27	27	NONE		NONE		NONE		NONE		NONE						
LURAY 5 E	93	08/23	3	01/09	03/15	15	03/23	19	03/24	23	03/24	23	05/09	32	10/27	31	11/11	16	11/11	16	11/11	16	11/11	16	241	233	232	232	171
MANASSAS	96	07/21	9	01/09	01/09	9	03/15	20	03/24	24	03/24	24	03/24	24	11/15	29	11/23	25	12/13	21	12/28	13	12/28	13	353	288	264	244	236
MT WEATHER	88	07/21	6	01/09	03/16	14	03/16	14	03/24	21	03/24	21	03/25	31	NONE		NONE		NONE		NONE		NONE						
PIEDMONT RSCH STN	97	07/22	5	01/09	02/10	16	03/16	19	03/17	24	03/17	24	03/24	30	11/10	28	11/10	28	11/11	22	12/16	18	12/28	16	321	275	239	238	231
SOMERSET	98	07/23	4	01/09	01/10	7	03/16	20	03/23	22	03/24	28	04/09	32	10/27	31	11/11	22	11/11	22	12/16	17	12/28	13	352	275	233	232	201
SPERRYVILLE	100	07/21	8	01/10	02/05	16	03/15	19	03/24	24	03/24	24	03/25	29	11/11	20	11/11	20	11/11	20	11/11	20	12/28	12	326	241	232	232	231
STERLING (RCS)	94	07/21	9	01/09	03/04	16	03/16	20	03/24	23	04/08	28	04/09	32	11/11	20	11/11	20	11/11	20	11/11	20	12/28	12	299	240	232	217	216
VIENNA	92	06/14	10	01/09	01/10	11	03/16	18	03/24	22	03/24	22	04/08	32	11/11	20	11/11	20	11/11	20	11/11	20	12/28	12	352	240	232	232	217
WASHINGTON DULLES INTL AP	95	06/13	7	01/09	02/04	14	03/17	20	03/23	21	03/23	21	04/09	32	11/10	29	11/11	21	11/11	21	12/13	20	12/28	9	327	271	233	233	215
WASHINGTON REAGAN NATL AP	98	07/20	15	01/08	01/09	16	01/09	16	03/16	24	03/16	24	03/23	30	11/10	32	11/11	26	12/13	23	12/27	19	12/28	16	353	352	272	240	232
WINCHESTER	97	07/21	9	12/30	01/10	13	03/16	18	03/24	22	03/24	22	03/24	22	11/11	19	11/11	19	11/11	19	11/11	19	12/28	9	352	240	232	232	232
WINCHESTER 7 SE	96	07/21	6	12/29	03/24	16	03/24	16	03/24	16	03/24	16	05/09	32	10/19	32	11/11	16	11/11	16	11/11	16	11/11	16	232	232	232	232	163
WOODSTOCK 2 NE	95	07/21	6	01/09	03/15	16	03/18	20	03/18	20	03/20	28	04/09	31	09/30	32	11/11	16	11/11	16	11/11	16	11/11	16	241	238	238	236	174
CENTRAL MOUNTAIN 05																													
COVINGTON FLTR PLT	92	07/24	5	01/09	03/16	14	03/18	18	03/24	23	03/24	23	05/10	32	10/27	30	11/11	22	11/11	22	11/23	20	12/28	9	287	250	232	232	170
DALE ENTERPRISE	92	07/20	3	01/09	03/23	16	04/09	20	04/09	20	04/09	20	05/09	31	10/27	32	11/11	18	11/11	18	11/11	18	12/28	8	280	216	216	216	171
GATHRIGHT DAM	90	07/23	2	01/09	03/16	13	03/18	18	03/24	22	03/24	22	05/09	32	10/27	31	11/11	20	11/11	20	11/11	20	12/13	16	272	238	232	232	171
HOT SPRINGS	93	07/21	-3	01/09	03/16	10	03/18	17	03/24	21	03/24	21	05/09	32	10/26	31	11/11	19	11/11	19	11/11	19	12/13	14	272	238	232	232	170
LEXINGTON	95	07/23	4	01/10	03/16	16	03/18	18	03/24	22	03/24	22	04/10	32	10/27	31	11/11	24	11/11	24	11/24	20	12/28	13	287	251	232	232	200
MILLGAP	87	07/13	-8	01/09	03/24	10	03/24	10	05/10	24	05/10	24	05/17	31	10/01	26	10/01	26	10/27	23	11/11	12	11/11	12	232	232	170	144	137
MUSTOE 1 SW	86	07/19	-5	01/09	03/17	11	03/17	11	04/09	24	05/09	26	05/09	26	10/01	29	10/17	27	11/10	19	11/10	19	11/11	15	239	238	215	161	145
ROANOKE 8 N	96	07/23	7	01/10	03/16	16	03/16	16	03/18	24	03/24	27	03/24	27	11/11	23	11/11	23	11/11	23	12/13	20	12/28	12	287	272	238	232	232
ROANOKE INTL AP	97	07/22	9	01/09	03/15	16	03/15	16	03/16	24	03/17	25	03/23	30	11/10	31	11/11	24	11/11	24	12/27	16	12/27	16	287	287	240	239	232
STAUNTON WTP	92	07/23	4	01/09	03/16	14	03/17	20	03/24	23	03/24	23	03/24	23	11/11	19	11/11	19	11/11	19	11/11	19	12/13	16	272	239	232	232	232
WAYNESBORO WTP	95	07/23	2	01/09	03/16	15	03/24	20	03/24	20	04/09	28	05/09	32	11/11	19	11/11	19	11/11	19	11/11	19	12/28	9	287	232	232	216	186
SOUTHWESTERN MOUNTAIN 06																													
ABINGDON 3S	92	07/23	4	01/09	03/17	13	03/17	13	03/20	21	03/21	25	04/09	30	10/01	32	11/17	28	11/20	24	12/13	18	12/28	12	286	271	245	241	175
BIG STONE GAP	90	07/23	6	01/09	03/17	13	03/17	13	03/17	13	03/24	28	04/09	31	10/26	31	10/30	28	11/20	23	12/11	20	12/13	15	271	269	248	220	200
BLACKSBURG NWSO	92	07/23	5	12/29	03/16	11	03/18	18	03/23	23	03/24	26	04/10	29	10/27	31	11/11	22	11/11	22	11/23	18	12/13	14	272	250	233	232	200
BURKES GARDEN	86	07/23	-6	01/09	03/18	13	03/23	19	04/09	23	04/09	23	04/14	31	10/01	32	10/17	27	11/11	18	11/11	18	11/23	12	250	233	216	191	170
CHRISTIANSBURG	90	07/22	4	01/08	03/16	10	03/17	18	03/18	22	03/24	26	04/07	32	10/30	32	11/11	21	11/11	21	12/13	14	12/13	14	272	271	238	232	206
CLINTWOOD 1 W	91	07/23	2	01/09	03/17	11	03/17	11	03/24	22	04/08	28	04/10	29	10/17	32	10/27	28	11/11	22	11/23	19	12/13	16	271	251	232	202	190
COPPER HILL	89	07/12	0	12/28	03/17	15	03/17	15	03/18	23	03/24	25	04/09	32	10/30	29	11/11	17	11/11	17	11/11	17	12/13	10	271	239	238	232	204
GALAX WTP	91	07/23	8	12/29	03/16	13	03/18	18	03/24	24	03/24	24	04/10	29	10/18	32	11/11	23	11/11	23	12/11	17	12/28	9	287	268	232	232	191
GRUNDY	94	07/23	6	01/09	03/17	1																							

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHENHEIT

VIRGINIA
2017

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
VIRGINIA														
TIDEWATER 01														
DISPUTANTA	0	0	1	78	99	274	465	327	165	77	2	0	1488	
EMPORIA 1 WNW	-	-	3E	72E	107	222E	503E	385E	229	96	9	0	-	
FREDERICKSBURG SEWAGE	0	0	0	50E	115E	242E	461E	304E	178E	71E	1E	0	1422E	
HOLLAND 1 E	0	0	3	112	136	329	473E	364	238	117E	5	0	1777E	1210
HOPEWELL	0	0	6	148E	157E	361E	544E	398	247	106	13E	0	1980E	1619
NORFOLK INTL AP	0	3	16	144	158	384	546	441	267	136	12	0	2107	1612
NORFOLK S	0	0	11	113	127	322	475	382	212	104	5	0	1751	
NORTH	0	0	0	70	93E	270	455	307	174	79	0	0	1448E	
PAINTER 2W	0	0	4	88	111	315	496	336	221	92	5	0	1668	1334
STONY CREEK 2 N	0	0	1	83	112	304	487	346	185	75	2	0	1595	1409
SUFFOLK LAKE KILBY	0	1	4	97	111	296	435	346	189	85	5	0	1569	1427
WAKEFIELD 1NW	0	2	6	117	118	306	483	351	190	88	7	0	1668	1356
WALKERTON 2 NW	0	1	8	114	131	314	498	384	219	106	-	0	-	
WALLACETON LK DRUMMOND	0	0	-	59	88	244	392	264	148	44	-	0	-	
WALLOPS ISLAND NASA TEST FACIL	0	0	2	53	59	276E	442	314	183	89	6	0	1424E	
WARSAW 2 NW	0	0	11E	86E	140E	304E	504E	357E	273E	80E	-	0	-	
WEST POINT 2 NW	0	0	7	106	128	321	512	359	203	85	7	0	1728	1446
WILLIAMSBURG 2 N	0	1	12	120	130	335	532	413	237	94	9	0	1883	1364
EASTERN PIEDMONT 02														
AMELIA COURTHOUSE 1	0	1E	1	94E	119	270E	471	363E	195E	90	3E	0	1607E	1125
ASHLAND	0	1	10	92	84	249	432	311	156	71	1	0	1407	1131
BREMO BLUFF	0	2E	0	62E	107E	237E	484E	366E	190E	109E	1E	0	1558E	1111
CAMP PICKETT	0	0	3	58	90E	242	424	277	77E	87	1	0	1259E	1158
CHASE CITY	0	0	2	54	101	234	422	314	160	72	0	0	1359	1316
CLARKSVILLE	0	0	4E	51E	127E	298E	489	356	220	99E	3	0	1647E	
CORBIN	0	0	9	83	83	267	427	286	148	70	4	0	1377	1155
CROZIER	0	0	0	60	86	216	408	277	132	66	1E	0	1246E	1193
FARMVILLE 2 N	0	0	2	80E	114	249	465	320	179	78	1	0	1488E	1218
JOHN H KERR DAM	0	0	4	93	170	334E	579	419	253	123	7	0	1982E	1383
KEYSVILLE 2 S	0	0	3	71	95	251	434	310	180	77	0	0	1421	
LOUISA	0	0	4	68	81	225	396	270	131	62	0	0	1237	854
PALMYRA 3S	0	0	0	48	75	189	382	244E	115	53	0	0	-	
PETERSBURG	0	0	4	101	114	287	487E	380	196	92	5	0	1666E	
RICHMOND INTL AP	0	0	8	97	118	315	514	361	202	85	6	0	1706	1435
WESTERN PIEDMONT 03														
APPOMATTOX	0	0	0	68	99E	265E	432	321	170	65E	0	0	1420E	1052
BROOKNEAL	0	0	1	55	128E	228E	406	309E	154	63E	0	0	1344E	1015
CHARLOTTESVILLE 2W	0	0	1	75	97	277	466	311	175	70	0	0	1472	1212
CHATHAM	0	0	0	44	70	176	348	244	122	44	0	0	1048	971
DANVILLE RGNL AP	0	5	3	75	113	241	417	320	163	64	0	0	1401	
FREE UNION	0	0	0	44	64	231	343	231	123	45	0	0	1081	
LYNCHBURG INTL AP	0	1E	0	52	83	206	377E	283	141	55	0	0	1198E	1075
MARTINSVILLE FLTR PLT	0	0	0	29	92E	196E	367	252	121	43	0	0	1100E	921
MEADOWS OF DAN 5 SW	0	0	0	20	61	146E	279	198	91	42	0	0	837E	
MONTEBELLO FISH CULTURAL STN	0	0	0	14E	4E	122E	324E	128E	0	16E	0	0	608E	
MONTECELLO	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROCKY MT	0	0	2	48E	88	204	386E	247E	125E	59	3	0	1162E	984
S BOSTON	0	0	4E	89	160E	314	501	375	206	78	1	0	1728E	1159
STUART	0	0	0	42	95	186	369	264	129	52	2E	0	1139E	967

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHENHEIT

VIRGINIA
2017

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
NORTHERN 04														
FRONT ROYAL	0	0	0	44E	57E	104E	359E	203E	116E	47E	0	0	930E	
PURCELLVILLE	0	0	0	-	-	-	349E	228	113E	59	0	0	-	
LURAY 5 E	0	0	0	40	63	158	308	201	105	66	0	0	941	862
MANASSAS	0	4E	1E	79	100E	295E	479E	298E	143E	60E	0	0	1459E	
MT WX 2	-	-	-	-	-	-	-	-	-	-	-	-	-	
MT WX 3	-	-	-	-	-	-	-	-	-	-	0	0	-	
PIEDMONT RSCH STN	0	0	0	69	79	245	415E	287	172	80E	0	0	1347E	1042
SOMERSET	0	0	0	51	87	239E	407	265	140	58	0	0	1247E	
SPERRYVILLE	0	0	1E	71E	65E	228E	433E	293	181E	73E	0	0	1345E	
STERLING (RCS)	0	0	0	48	71	252	405	265	150	63	0	0	1254	824
VIENNA	0	0	0	44	56	190	335	206	114	44E	0	0	989E	
WASHINGTON DULLES INTL AP	0	0	2	67	68	256	403	265	155	64	1	0	1281	1075
WASHINGTON REAGAN NATL AP	0	1	5	94	98	377	523	393	241	91	3	0	1826	1531
WINCHESTER	0	0	0	39	65	246	382	236	163	56	0	0	1187	907
WINCHESTER 7 SE	0	0	0	31	45E	188E	341E	183E	93E	37E	0	0	918E	855
WOODSTOCK 2 NE	0	0	0	21	57	175	319	171E	114E	44E	0	0	901E	848
CENTRAL MOUNTAIN 05														
COVINGTON FLTR PLT	0	0	0	17	43	101	244	156	67	37	0	0	665	846
DALE ENTERPRISE	0	0	0	12	34E	143E	310E	168E	80E	37E	0	0	784E	758
GATHRIGHT DAM	0	0	0	18E	42	90	216E	124	62	26	0	0	578E	679
HOT SPRINGS	0	0	0	10	42E	111	264	129E	62	24	0	0	642E	579
LEXINGTON	0	0	0	28	70	171	345	235	117	52	0	0	1018	881
MILLGAP	0	0	0	4	7	39	117	61	11	10	0	0	249	
MUSTOE 1 SW	0	0	0	6	8	38	118	58E	6	13	0	0	247E	
ROANOKE 8 N	0	0	2	40E	87	170E	388E	252	125	63	0	0	1127E	
ROANOKE INTL AP	0	0	2	68	114	240	432	321	160	77	0	0	1414	1134
STAUNTON WTP	0	0	0	35	52	167	328	184	93	54	0	0	913	622
WAYNESBORO WTP	0	0	0	31	58	155E	347E	215	91	53E	0	0	950E	
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3S	0	0	0	19	51	118E	273	205	75	34	0	0	775E	736
BIG STONE GAP	0	0	0	12	53	114	280	186	81	33	0	0	759	937
BLACKSBURG NWSO	0	0	0	15	37	90	244	135	68E	29	0	0	618E	533
BURKES GARDEN	0	0	0	4	12E	32E	103	48E	2E	7	0	0	208E	225
CHRISTIANSBURG	0	0	0	10	43	93	241	136	60	36	0	0	619	
CLINTWOOD 1 W	0	0	0	16	45	75	217	115	39	14	0	0	521	
COPPER HILL	0	0	0	9E	30E	73E	253	113E	38	14	0	0	530E	
ELK CREEK 4SSW	-	-	-	-	44	92	217	113	54	27	0	0	-	
GALAX WTP	0	0	0	8E	40	91	249	140	43	24	0	0	595E	
GRUNDY	0	0	0	20	68	132	309	174	80	33	0	0	816	1035
JOHN FLANNAGAN LAKE	0	0	0	4E	77E	147E	321E	271E	159E	40E	0	0	1019E	
LEBANON	0	0	2	14	55	103	262	170	53	39	0	0	698	631
NORA 4 SSE	0	0	0	20	55	114	259	144	90	41	0	0	723	
PULASKI 2 E	0	0	0	17E	49	112	267	153	52	35E	0	0	685E	574
RADFORD 3 N	0	0	0	14	43	104	261	151	66	38	0	0	677	
RICHLANDS	0	0	0	8E	42E	88E	236E	173E	53	38E	0	0	638E	622
SALTVILLE 1N	0	0	0	19	42	118	261E	189	66	36	0	0	731E	734
STAFFORDSVILLE 3 ENE	0	0	0	11	34E	79	216	128	46	28	0	0	542E	564
WISE 1SE	0	0	0	28	57	101	235	137	58	37	0	0	653	605
WYTHEVILLE	0	0	0	12	50	100	255	148	50	29	0	0	644	503

VIRGINIA
2017

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	980	701	1051	-	1237	-	-	942	931	872	687	-	-
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-

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 3S	0021	06	WASHINGTON	36 40	81 58W	1925	49	49	0			H
ALBERTA 5N	0079	02	BRUNSWICK	36 56	77 54W	376	0	14	0			H
ALTAVISTA	0166	03	CAMPBELL	37 7	79 17W	529	0	68	0			CH
AMELIA COURTHOUSE 1	0187	02	AMELIA	37 21	77 59W	345	41	41	0			H
APPOMATTOX	0243	03	APPOMATTOX	37 20	78 50W	850	57	81	0			H
ASHLAND	0327	02	HANOVER	37 45	77 29W	220	107	107	0			H
BEDFORD	0551	03	BEDFORD	37 20	79 30W	894	86	92	0			H
BEDFORD 4 NW	0561	03	BEDFORD	37 23	79 34W	1228	3	15	0			CH
BIG STONE GAP	0735	06	WISE	36 51	82 48W	1466	28	28	0			H
BLACKSBURG NWSO	0766	06	MONTGOMERY	37 12	80 25W	2103	66	66	0			CH
BREMO BLUFF	0993	02	FLUVANNA	37 43	78 17W	225	39	79	0			CH
BROOKNEAL	1082	03	CAMPBELL	37 4	78 57W	408	36	59	0			H
BUCKINGHAM	1136	02	BUCKINGHAM	37 30	78 32W	580	11	88	0			H
BUENA VISTA	1159	05	ROCKBRIDGE	37 44	79 22W	840	18	80	0			H
BURKES GARDEN	1209	06	TAZEWELL	37 5	81 20W	3068	122	122	0			H
CAMP PICKETT	1322	02	NOTTOWAY	37 2	77 57W	330	46	46	0			CH
CHARLOTTESVILLE 2W	1593	03	ALBEMARLE	38 2	78 31W	866	124	124	0			H
CHASE CITY	1606	02	MECKLENBURG	36 47	78 29W	510	71	71	0			H
CHATHAM	1614	03	PITTSYLVANIA	36 49	79 25W	651	96	96	0			CH
CHRISTIANSBURG	1692	06	MONTGOMERY	37 8	80 24W	2100	23	23	0			H
CLARKSVILLE	1746	02	MECKLENBURG	36 37	78 33W	330	21	127	0			H
CLINTWOOD 1 W	1825	06	DICKENSON	37 9	82 29W	1780	25	25	0			H
CONCORD 4 SSW	1955	03	CAMPBELL	37 17	78 58W	815	2	68	0			H
COPPER HILL	1999	06	FLOYD	37 5	80 8W	2857	8	78	0			H
CORBIN	2009	02	CAROLINE	38 12	77 22W	220	59	59	0			H
COVINGTON FLTR PLT	2044	05	ALLEGHANY	37 49	79 59W	1244	58	58	0			CH
CROZIER	2142	02	GOOCHLAND	37 40	77 53W	350	42	42	0			H
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56W	1358	125	125	0			CH
DANVILLE RGNL AP	2250	03	PITTSYLVANIA	36 34	79 20W	571	36	36	0			CH
DISPUTANTA	2400	01	PRINCE GEORGE	37 7	77 12W	130	12	12	0			H
ELK CREEK 4SSW	2730	06	GRAYSON	36 40	81 12W	3439	1	1	0	FEB		H
EMPORIA 1 WNW	2790	01	GREENSVILLE	36 42	77 34W	100	37	89	0			H
FARMVILLE 2 N	2941	02	CUMBERLAND	37 20	78 23W	450	99	99	0			CH
FREDERICKSBURG SEWAGE	3204	01	FREDERICKSBURG	38 17	77 27W	60	23	23	0			H
FREE UNION	3213	03	ALBEMARLE	38 5	78 35W	590	11	62	0			H
FRONT ROYAL	3229	04	WARREN	38 54	78 11W	930	23	23	0			CH
GALAX WTP	3272	06	CARROLL	36 39	80 55W	2341	21	21	0			CH
GATHRIGHT DAM	3310	05	ALLEGHANY	37 57	79 57W	1770	38	38	17			CH
GLASGOW 1 SE	3375	05	ROCKBRIDGE	37 37	79 26W	737	11	51	0			H
GRUNDY	3640	06	BUCHANAN	37 17	82 5W	1170	58	69	0			H
HOLCOMB ROCK	4039	03	BEDFORD	37 33	79 24W	900	4	40	0			H
HOLLAND 1 E	4044	01	SUFFOLK	36 41	76 46W	80	85	85	19			H
HOPEWELL	4101	01	PRINCE GEORGE	37 18	77 17W	40	102	102	0			H

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	
HOT SPRINGS	4128	05	BATH	37 60	79 50W	2244	123	123	0			H
HUDDLESTON 4 SW	4148	03	BEDFORD	37 8	79 32W	897	2	68	0			H
JOHN FLANNAGAN LAKE	4410	06	DICKENSON	37 14	82 21W	1460	25	49	0			H
JOHN H KERR DAM	4414	02	MECKLENBURG	36 36	78 18W	250	70	70	62			CH
KEYSVILLE 2 S	4568	02	CHARLOTTE	37 1	78 29W	625	5	37	0			H
LEBANON	4777	06	RUSSELL	36 54	82 2W	1912	29	29	0			H
LEXINGTON	4876	05	ROCKBRIDGE	37 47	79 26W	1097	128	128	0			H
LOUISA	5050	02	LOUISA	38 3	78 0W	420	102	102	0			H
LURAY 5 E	5096	04	PAGE	38 40	78 22W	1400	74	77	0			H
LYNCHBURG INTL AP R	5120	03	CAMPBELL	37 19	79 12W	940	74	74	0			HJ
MANASSAS	5204	04	MANASSAS	38 44	77 30W	245	14	14	0			H
MARTINSVILLE FLTR PLT	5300	03	HENRY	36 42	79 52W	760	80	87	0			H
MEADOWS OF DAN 5 SW	5453	03	PATRICK	36 40	80 27W	2225	15	68	0			H
MILLGAP	5595	05	HIGHLAND	38 18	79 43W	2421	20	42	0			CH
MONTEBELLO FISH CULTURAL STN	5690	03	NELSON	37 51	79 8W	2667	12	15	0			CH
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	758	35	35	0			H
MT WX 2	5852	04	LOUDOUN	39 4	77 53W	1410	0	0	0			H
MT WX 3	5853	04	CLARKE	39 4	77 54W	1550	1	1	0	OCT	AUG	H
MTN GROVE	5756	05	BATH	38 6	79 53W	1775	5	37	0			H
MUSTOE 1 SW	5880	05	HIGHLAND	38 19	79 40W	2367	24	24	0			CH
NEW CASTLE	6012	05	CRAIG	37 31	80 6W	1258	0	61	0			H
NORA 4 SSE	6125	06	DICKENSON	37 1	82 19W	2650	12	12	0			H
NORFOLK INTL AP R	6139	01	NORFOLK (CITY)	36 54	76 12W	30	72	72	0			HJ
NORFOLK S	6147	01	NORFOLK (CITY)	36 52	76 14W	10	15	15	0			H
NORTH	6161	01	MATHEWS	37 26	76 26W	10	16	16	0			H
PAINTER 2W	6475	01	ACCOMACK	37 35	75 49W	30	63	63	0			CH
PALMYRA 3S	6491	02	FLUVANNA	37 49	78 16W	410	24	61	0			H
PEDLAR DAM	6593	03	AMHERST	37 40	79 17W	1024	9	83	0			CH
PETERSBURG	6656	02	PETERSBURG	37 14	77 24W	19	17	22	0			H
PIEDMONT RSCH STN	6712	04	ORANGE	38 14	78 7W	520	72	72	39			CH
PULASKI 2 E	6955	06	PULASKI	37 3	80 47W	1850	66	83	0			CH
PURCELLVILLE	4909	04	LOUDOUN	39 9	77 43W	510	118	118	0			H
RADFORD 3 N	6999	06	PULASKI	37 12	80 35W	1800	14	39	0			H
RICHLANDS	7174	06	TAZEWELL	37 6	81 48W	1910	29	29	0			H
RICHMOND INTL AP R	7201	02	HENRICO	37 30	77 19W	164	76	76	0			HJ
ROANOKE 8 N	7278	05	ROANOKE	37 22	79 58W	1157	20	20	0			H
ROANOKE INTL AP R	7285	05	ROANOKE	37 19	79 58W	1175	70	70	0			HJ
ROCKY MT	7338	03	FRANKLIN	36 59	79 54W	1315	124	124	0			CH
S BOSTON	7925	03	HALIFAX	36 42	78 53W	329	38	38	0			H
SALTVILLE 1N	7506	06	SMYTH	36 53	81 46W	1733	64	63	0			H
SOMERSET	7904	04	ORANGE	38 15	78 16W	510	23	55	0			H
SPERRYVILLE	7985	04	RAPPAHANNOCK	38 39	78 14W	750	23	23	0			H
STAFFORDSVILLE 3 ENE	8022	06	GILES	37 16	80 43W	1906	48	67	0			CH
STAUNTON WTP	8062	05	AUGUSTA	38 10	79 5W	169	124	124	0			CH

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	
STERLING (RCS)	8084	04	LOUDOUN	38 59	77 29W	288	41	41	0			H
STONY CREEK 2 N	8129	01	SUSSEX	36 58	77 24W	105	56	60	0			H
STUART	8170	03	PATRICK	36 38	80 15W	1375	58	58	0			H
SUFFOLK LAKE KILBY	8192	01	SUFFOLK	36 44	76 36W	22	73	73	0			H
VIENNA	8737	04	FAIRFAX	38 54	77 17W	418	25	81	0			H
WAKEFIELD 1NW	8800	01	SUSSEX	36 59	77 0W	113	36	36	0			CH
WALKERTON 2 NW	8829	01	KING AND QUEEN	37 45	77 2W	50	86	86	0			H
WALLACETON LK DRUMMOND	8837	01	CHESAPEAKE	36 36	76 26W	20	14	92	0			H
WALLOPS ISLAND NASA TEST FACIL R	8849	01	ACCOMACK	37 56	75 28W	46	52	52	0			HJ
WARSAW 2 NW	8894	01	RICHMOND	37 59	76 47W	140	110	110	0			H
WASHINGTON DULLES INTL AP R R	8903	04	LOUDOUN	38 56	77 27W	290	58	57	0			HJ
WASHINGTON REAGAN NATL AP R R	8906	04	ARLINGTON	38 51	77 2W	10	73	73	0			HJ
WAYNESBORO WTP	8941	05	WAYNESBORO	38 5	78 53W	1270	18	18	0			H
WEST POINT 2 NW	9025	01	KING WILLIAM	37 34	76 48W	20	64	64	0			H
WILLIAMSBURG 2 N	9151	01	YORK	37 18	76 42W	70	67	70	0			CH
WILLIAMSVILLE 2 S	9159	05	BATH	38 11	79 35W	1640	0	19	0			CH
WILLIS	9169	06	FLOYD	36 55	80 30W	2810	1	38	0			CH
WINCHESTER	9181	04	FREDERICK	39 11	78 9W	720	36	36	0			H
WINCHESTER 7 SE	9186	04	FREDERICK	39 11	78 7W	680	106	106	0			H
WINTERPOCK 4 W	9213	02	CHESTERFIELD	37 19	77 39W	300	0	39	0			H
WISE 1SE	9215	06	WISE	36 58	82 33W	2564	63	63	0			CH
WOODSTOCK 2 NE	9263	04	SHENANDOAH	38 54	78 28W	675	122	128	0			H
WOOLWINE	9272	03	PATRICK	36 47	80 17W	1500	0	67	0			H
WYTHEVILLE	9301	06	WYTHE	36 58	81 5W	2458	101	101	0			H

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>.

These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. HPD includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some Stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains 3 hourly weather observations for that month and a hourly summary of precipitation. Annual LCD publications contain a summary of the past calendar year as well as historical averages and extremes.

For Information Call:

(828) 271-4800 Option 2

(828) 271-4010 (TDD)

(828) 271-4876 (Fax)

NOAA National Centers For Environmental Information
Attn: Customer Engagement Branch
151 Patton Avenue
Asheville, NC 28801-5001

Customer Services Number: (828) 271-4800, option 2
TDD : (828) 271-4010
Fax number: (828) 271-4876

NCEI now offers free online access to the *Climatological Data* publication.
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