

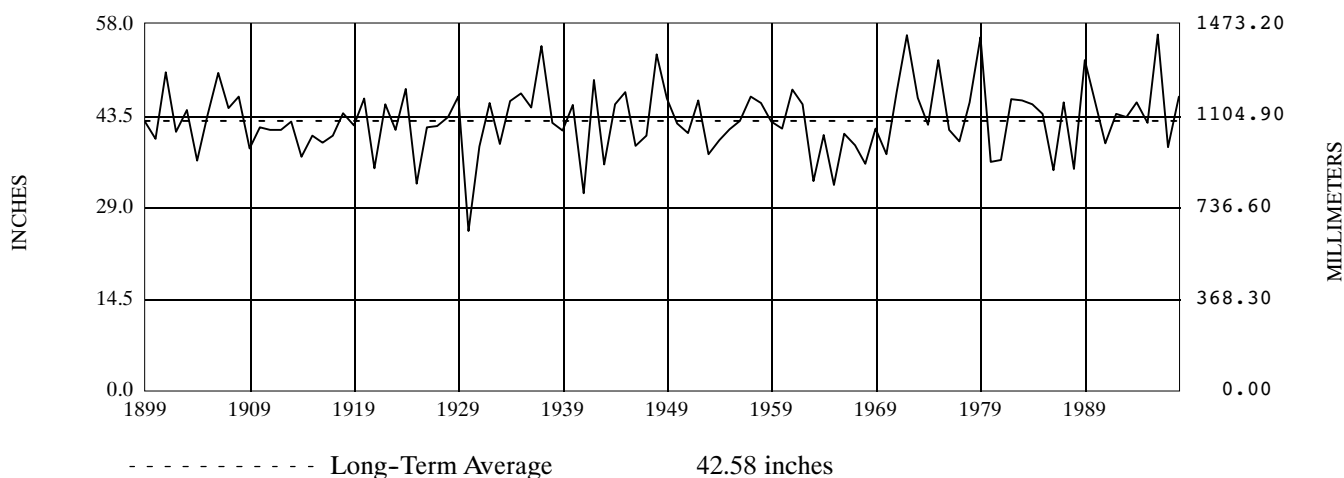
CLIMATOLOGICAL DATA ANNUAL SUMMARY

VIRGINIA

1998

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VIRGINIA PRECIPITATION, 1899-1998

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VIRGINIA
1998

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
TIDEWATER 01												
BACK BAY WILDLIFE REFU	7.05	2.99	8.89	5.32	3.31	-.45	2.95	.14	4.90	.93	4.30	.64
COLONIAL BEACH	3.55	.44	7.15	4.22	7.38	3.92	4.36	1.41	3.70	-.50	3.81	.31
EMPORIA 1 WNW	5.89	2.31	4.65	1.26	6.28	2.74	3.72	.64	3.68	-.33	2.92	-.52
FREDERICKSBURG SEWAGE	6.03		7.98		6.39		4.97		4.18		7.32	
HOLLAND 1 E	6.22	2.13	6.39	2.83	4.99	.93	3.43	.21	2.78	-1.33	2.80	-1.59
HOPEWELL	5.99	2.24	5.49	2.14	7.69	3.98	4.54	1.41	5.33	1.41	1.68	-1.50
KILMARNOCK 1 N	11.13		M 8.14		6.52		2.03		8.94		M	
LANGLEY AIR FORCE BASE	6.41	2.69	10.58	6.90	5.87	1.71	5.26	2.23	3.98	-.01	4.17	.06
MATHEWS 6 SE	6.56	2.91	11.75	8.21	5.74	1.49	M		7.42	3.49	4.19	.62
NORFOLK WSO AIRPORT R	6.02	2.24	8.21	4.74	4.15	.45	4.31	1.25	3.99	.18	4.56	.74
PAINTER 2 W	6.83	3.08	7.20	3.80	5.04	.88	2.18	-.74	5.27	1.79	4.61	1.27
STONY CREEK 1 E	6.78	3.13	6.17	2.68	8.18	4.26	M					
SUFFOLK LAKE KILBY	6.32	2.47	7.93	4.21	5.19	1.13	3.42	.40	4.19	.41	2.16	-2.09
TANGIER ISLAND	6.51	3.61	7.52	4.59	6.02	2.15	2.48	.08	7.18	3.95	4.71	1.90
WAKEFIELD 1 NW	7.59		6.32		6.65		4.15		3.94		1.89	
WALKERTON 2 NW	6.24	2.80	5.64	2.39	6.73	3.05	4.54	1.58	2.93	-1.15	4.04	.06
WALLACETON LK DRUMMOND	7.00	2.68	8.41	4.18	4.09	-.05	4.21	.77	4.45	.10	2.85	-1.09
WARSAW 2 NW	6.84	3.65	7.13	4.37	5.30	1.80	4.16	1.31	4.49	-.06	6.05	2.38
WEST POINT 2 NW	5.91	2.30	5.90	2.64	5.65	1.67	3.79	.84	5.06	1.30	4.13	.41
WILLIAMSBURG 2 N	6.84	3.01	8.12	4.58	5.04	.86	4.41	1.40	5.43	.91	3.11	-.92
--DIVISIONAL DATA----->	6.56	2.94	7.39	4.03	5.90	2.01	3.81	.82	4.86	.97	3.91	.18
EASTERN PIEDMONT 02												
AMELIA 4 SW	6.44		6.08		4.98		4.83		3.73		3.53	
ASHLAND	7.33		7.32	4.21	7.72	3.94	3.96	.99	3.28	-.69	4.42	.89
BREMO BLUFF	7.88	4.97	7.45	4.36	5.36	1.60	4.40	1.49	4.20	.43	4.06	.67
BUCKINGHAM	7.51	4.48	6.68	3.56	5.17	1.59	4.81	1.79	5.43	1.19	2.13	-1.16
CAMP PICKETT	9.62		5.77		6.33		4.91		6.33		2.50	
CHASE CITY	6.48	2.92	5.84	2.64	M 6.88		4.77	1.52	3.62	-.40	3.42	-.24
CLARKSVILLE	5.14	1.62	4.51	1.23	5.53	1.87	4.16	1.13	2.01	-1.95	3.01	-.58
CORBIN	7.33	4.11	9.45	6.40	6.57	2.89	5.42	2.29	3.76	-.18	4.69	.92
CROZIER	6.58	3.24	7.35	4.30	6.52	2.85	4.13	1.13	3.24	-.84	3.57	.01
FARMVILLE 2 N	7.16	3.69	6.57	3.27	6.31	2.53	4.29	1.26	4.39	.34	3.71	.30
GORDONSVILLE 3 S	6.95	3.81	7.08	4.14	M 5.67		4.83	1.83	4.79	.78	4.21	.58
JOHN H KERR DAM	4.61	1.13	3.86	.61	8.11	4.29	4.45	1.36	3.57	-.38	2.54	-.97
KEYSVILLE 2 S	7.02		5.80		8.09		4.67		4.23		3.31	
LAWRENCEVILLE 3 E	6.52	2.95	4.64	.93	7.53	3.59	4.45	1.44	4.87	1.05	5.10	1.08
LOUISA	6.21	3.20	8.22	5.11	6.05	2.44	4.35	1.37	4.83	.94	3.24	-.53
PALMYRA 1 E	6.41	3.76	6.22	3.37	5.74	2.47	5.09	2.18	4.78	.94	3.79	.41
POWHATAN	7.25	3.89	6.98	3.74	6.76	3.22	4.36	1.42	4.12	.32	3.64	.23
RICHMOND WSO AIRPORT R	6.85	3.61	5.76	2.60	6.72	3.11	4.32	1.36	3.72	-.12	4.41	.79
WINTERPOCK 4 W	7.90		6.67		7.08		5.65		4.95		2.33	
--DIVISIONAL DATA----->	6.88	3.52	6.54	3.28	6.50	2.76	4.59	1.51	4.22	.24	3.80	.17
WESTERN PIEDMONT 03												
ALTAVISTA M												
APPOMATTOX M	6.88		7.07	4.00	M 5.55		5.76	2.44	M 7.71		M 2.62	
BEDFORD	8.68	5.77	6.77	3.56	4.84	1.25	6.86	3.43	5.91	1.61	4.96	1.40
BROOKNEAL	7.04	3.44	M 5.58		6.14	2.30	4.86	1.47	8.26	4.31	2.66	-.63
CHARLOTTE COURT HOUSE	7.38	3.98	5.79	2.52	5.89	2.19	5.88	2.73	6.10	2.25	3.32	-.36
CHARLOTTESVILLE 2 W	7.56	4.41	8.02	4.70	6.03	2.28	3.95	.61	6.37	1.49	6.13	2.39
CHATHAM	8.48	5.18	5.82	2.43	5.57	1.58	4.73	1.26	4.63	.45	1.02	-2.44
CONCORD 4 SSW	7.13	3.87	6.63	3.33	5.15	1.40	4.79	1.56	6.48	2.60	1.59	-1.67
DANVILLE	8.19	4.76	6.62	3.20	4.10	.21	7.22	3.98	7.06	3.21	1.46	-2.19
FREE UNION	8.01	5.26	7.21	4.19	5.40	1.91	M 4.08		6.83	2.28	6.05	2.52
HUDDLESTON 4 SW	7.22	4.07	6.29	3.07	4.42	.70	5.12	1.71	4.55	.64	1.80	-1.35
LYNCHBURG NO 2							6.12		4.68		2.60	
LYNCHBURG WSO AIRPORT R	7.85	4.99	6.08	3.04	5.05	1.58	5.50	2.41	4.74	.83	2.63	-.82
MARTINSVILLE FILTER PL	7.19	3.96	5.77	2.20	3.53	-.55	4.80	1.20	6.39	2.18	2.13	-1.68
MEADOWS OF DAN 5 SW	10.10	6.35	5.05	1.23	4.02	-.77	M 6.18		7.14	2.17	3.32	-1.34
MONTICELLO	5.46		M 6.09		5.72		4.34		5.35		3.78	
PEDLAR DAM	9.49		5.80		4.38		6.29		5.77		2.71	
PHILPOTT DAM 2	12.44	9.12	11.02	7.62	6.53	2.39	2.94	-.83	10.54	5.79	2.51	-1.55

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STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
TIDEWATER 01														
BACK BAY WILDLIFE REFU	2.57	-2.21	5.36	-.22	3.03	-1.43	2.04	-1.18	2.59	-.44	5.66	2.49	52.65	6.58
COLONIAL BEACH	1.33	-2.85	1.54	-2.03	.47	-3.06	1.91	-1.07	1.11	-2.05	3.85	.58	40.16	-.68
EMPORIA 1 WNW	5.98	1.49	2.22	-2.31	2.78	-.63	3.62	.48	1.38	-1.58	5.54	2.25	48.66	5.80
FREDERICKSBURG SEWAGE	1.50		1.45		1.83		M		1.71		2.17			
HOLLAND 1 E	5.07	-.19	5.29	.09	5.97	1.88	3.03	-.58	1.93	-1.07	5.74	2.24	53.64	5.55
HOPEWELL	2.10	-2.16	1.82	-2.59	5.07	1.30	.69	-2.85	1.00	-2.27	5.53	2.29	46.93	3.40
KILMARNOCK 1 N														
LANGLEY AIR FORCE BASE	3.15	-1.53	5.54	.90	2.28	-2.34	1.41	-1.68	1.42	-1.74	8.14	4.60	58.21	11.79
MATHEWS 6 SE	3.88	-.69	M		7.58	3.66	.73	-2.50	1.38	-1.69	5.23	1.86		
NORFOLK WSO AIRPORT R	3.91	-1.15	8.47	3.66	2.25	-1.65	1.73	-1.42	1.83	-1.02	5.33	2.10	54.76	10.12
PAINTER 2 W	2.54	-1.75	2.24	-1.56	5.36	2.20	1.35	-1.73	1.56	-1.47	5.29	1.78	49.47	7.55
STONY CREEK 1 E			1.58	-3.13	2.30	-1.39	1.09	-2.09	.87	-2.26	1.20	-2.08		
SUFFOLK LAKE KILBY	4.77	-.02	7.92	2.77	2.66	-1.82	4.22	1.03	1.87	-1.03	5.83	2.42	56.48	9.88
TANGIER ISLAND	.73	-2.62	1.94	-1.55	2.09	-.97	.66	-2.00	1.37	-1.51	M	4.52	M	45.73
WAKEFIELD 1 NW	3.88		2.20		3.95		1.17		1.16		5.92		48.82	
WALKERTON 2 NW	.62	-3.94	.79	-3.15	2.33	-1.14	.32	-2.93	1.15	-2.17	3.83	.46	39.16	-4.14
WALLACETON LK DRUMMOND	4.33	-1.25	5.27	-.27	2.37	-1.86	2.90	-1.07	2.36	-.76	6.54	2.66	54.78	4.04
WARSAW 2 NW	2.00	-2.20	.89	-3.28	1.93	-2.23	1.39	-1.98	1.03	-2.14	3.89	.82	45.10	2.44
WEST POINT 2 NW	1.05	-3.58	4.03	-.04	4.47	.70	.42	-2.94	1.37	-1.93	5.86	2.67	47.64	4.04
WILLIAMSBURG 2 N	4.11	-.85	1.66	-3.06	2.89	-1.36	.74	-2.47	1.49	-1.99	6.64	3.29	50.48	3.40
--DIVISIONAL DATA----->	2.89	-1.54	3.23	-1.15	3.29	-.52	1.56	-1.59	1.46	-1.64	5.04	1.74	49.90	6.25
EASTERN PIEDMONT 02														
AMELIA 4 SW	.62		.47		1.61		.84		1.12		M	5.03	M	39.28
ASHLAND	2.97	-.92	.60	-3.58	1.96	-1.65	.56	-2.72	1.28	-1.95	3.71	.40	45.11	2.89
BREMO BLUFF	1.95	-1.77	2.94	-1.03	1.32	-1.50	1.87	-2.14	1.37	-1.85	2.96	-.05	45.76	5.18
BUCKINGHAM	1.30	-2.89	1.86	-2.25	1.77	-1.92	1.17	-2.86	.92	-2.57	3.07	-.05	41.82	-1.09
CAMP PICKETT	.65		4.66		3.71		1.10		.91		M	4.03	M	50.52
CHASE CITY	2.15	-1.84	1.79	-1.97	2.08	-1.42	1.68	-2.17	1.02	-2.38	M	4.33	M	44.06
CLARKSVILLE	3.19	-.78	1.22	-2.43	2.10	-1.12	1.68	-1.73	1.26	-1.73	5.18	2.08	38.99	-2.39
CORBIN	1.38	-2.62	2.19	-1.78	2.55	-.93	1.26	-2.40	1.12	-2.29	2.35	-1.04	48.07	5.37
CROZIER	1.31	-2.48	.37	-3.83	2.87	-.52	.88	-3.29	.90	-2.46	3.56	.31	41.28	-1.58
FARMVILLE 2 N	1.40	-2.94	1.49	-2.50	.89	-2.29	.67	-3.12	1.01	-2.29	M	4.38	M	42.27
GORDONSVILLE 3 S	M	.87	2.79	-1.55	1.66	-1.63	3.10	-1.18	1.15	-2.27	2.45	-.83	M	45.55
JOHN H KERR DAM	3.89	-.33	3.91	-.03	3.26	-.03	1.49	-2.04	.65	-2.57	4.89	1.66	45.23	2.70
KEYSVILLE 2 S	2.49		2.49		1.61		2.60		.74		M	4.17	M	47.22
LAWRENCEVILLE 3 E	2.24	-1.73	1.12	-3.32	3.08	-.67	1.95	-1.51	1.17	-2.26	M	7.01	M	49.68
LOUISA	.52	-3.57	1.04	-3.27	1.02	-2.29	1.43	-2.33	1.17	-2.51	2.04	-1.24	40.12	-2.68
PALMYRA 1 E	.93	-3.31	.82	-3.60	.95	-2.19	1.28	-2.83	.90	-2.19	2.61	-.20	39.52	-1.19
POWHATAN	.68	-3.32	1.33	-2.55	1.96	-1.31	.56	-3.39	1.17	-2.25	4.11	.88	42.92	.88
RICHMOND WSO AIRPORT R	2.37	-2.66	1.89	-2.51	3.94	.60	.47	-3.06	1.30	-1.87	5.00	1.74	46.75	3.59
WINTERPOCK 4 W	.48		2.10		2.71		.62		1.36		5.74		47.59	
--DIVISIONAL DATA----->	1.72	-2.48	1.86	-2.31	2.21	-1.20	1.33	-2.44	1.08	-2.34	3.29	.04	44.02	.75
WESTERN PIEDMONT 03														
ALTAVISTA														
APPOMATTOX	M	2.48	M	1.16	M	1.36	M	.79	.82	-2.56	M	2.64	M	
BEDFORD	1.61	-2.64	3.35	-.51	1.35	-2.09	.99	-2.96	1.17	-2.07	2.82	-.34	49.31	6.41
BROOKNEAL	1.30	-2.91	1.71	-2.44	.55	-2.91	.80	-2.90	.78	-2.44	M	4.78	M	44.46
CHARLOTTE COURT HOUSE	2.43	-1.48	3.74	-.23	.87	-2.81	1.11	-2.79	.88	-2.32	M	5.12	M	48.51
CHARLOTTESVILLE 2 W	1.18	-3.57	4.33	-.38	1.40	-2.70	2.23	-2.34	1.20	-2.46	2.82	-.50	51.22	3.93
CHATHAM	1.36	-3.04	2.47	-1.34	1.70	-2.07	1.04	-2.81	.78	-2.61	4.68	1.30	42.28	-2.11
CONCORD 4 SSW	2.68	-1.53	4.80	1.29	1.35	-2.03	.66	-3.36	.82	-2.60	M	3.80	M	45.88
DANVILLE	2.61	-1.81	3.58	-.22	1.46	-1.93	1.12	-2.55	M	1.06	4.07	.79	M	48.55
FREE UNION	M	1.88	3.65	-.79	1.87	-1.91	M	2.02	1.05	-2.64	2.96	-.16	M	51.01
HUDDLESTON 4 SW	2.13	-1.82	3.57	-.06	.46	-3.24	.90	-2.97	1.04	-2.41	3.56	.34	41.06	-1.32
LYNCHBURG NO 2	2.51		3.71		.54		1.31		1.56		3.01			
LYNCHBURG WSO AIRPORT R	1.98	-2.18	6.27	2.68	1.87	-1.37	1.50	-2.20	1.17	-1.97	3.08	-.15	47.72	6.84
MARTINSVILLE FILTER PL	1.47	-3.39	4.47	.51	2.03	-1.86	1.01	-2.94	M	.71	4.77	1.36	M	44.27
MEADOWS OF DAN 5 SW	3.16	-2.24	7.76	3.07	1.23	-3.83	3.81	-.99	2.41	-1.76	4.81	.99	M	58.99
MONTICELLO	.79		2.34		.97		2.75		.88		M	4.68	M	43.15
PEDLAR DAM	1.15		2.28		.95		1.64		1.14		2.00		43.60	
PHILPOTT DAM 2	4.69	-.32	9.15	4.51	1.40	-2.91	2.37	-2.05	1.59	-1.87	4.38	1.09	69.56	20.99

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STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
ROCKY MOUNT	7.40	4.35	7.53	4.40	3.98	.19	6.19	2.48	5.23	1.11	2.37	-1.22
SOUTH BOSTON	7.30		6.52		6.21		4.71		4.87		2.10	
STUART	M 7.40		5.94	2.26	M 3.93		5.80	1.61	7.60	2.89	3.32	-.94
TYE RIVER 1 SE	7.32	4.10	4.68	1.44	4.72	.78	6.15	2.84	6.96	2.41	3.20	.03
WOOLWINE 4 S	9.32	5.51	7.61	3.72	5.38	.64	5.59	1.00	6.41	1.35	2.24	-2.36
--DIVISIONAL DATA----->	7.87	4.65	6.74	3.44	5.25	1.39	5.36	1.93	6.31	2.06	2.95	-.71
NORTHERN 04												
BIG MEADOWS	M 10.83		M 9.11		3.97	.10	5.50	1.66	8.20	3.43	4.69	.28
BOSTON 4 SE												
EDINBURG	5.18		3.91		3.31		3.46		4.27		3.91	
FRONT ROYAL	5.87		6.96		3.80		4.09		4.09		5.06	
GORE 3 E	6.15		8.63		4.11		4.07		5.01		5.79	
LINCOLN	M 6.76		4.68	2.00	5.27	1.70	2.84	-.65	4.55	.06	5.85	1.68
LURAY 5 E	8.03	5.30	7.85	5.20	3.39	.41	3.95	.99	5.53	1.78	4.46	1.00
MADISON 4 ESE	7.84		8.31		6.06		3.77		8.37		5.61	
MOUNT WEATHER	8.22	5.77	5.54	3.10	M 5.72		3.85	.38	4.93	.53	6.75	2.72
PIEDMONT RESEARCH STN	6.05	3.25	7.52	4.81	5.52	2.10	3.52	.40	4.71	.28	4.68	1.26
SOMERSET	6.48		8.32		5.22		3.34		8.27		4.48	
SPERRYVILLE	M 9.07		8.01		5.43		5.28		6.70		4.95	
STAR TANNERY	5.09		4.86		4.44		3.99		4.59		6.06	
STERLING RCS	5.89		5.93		6.14		3.10		4.37		5.96	
THE PLAINS 2 NNE	7.77	4.96	6.47	3.65	5.90	2.63	3.28	-.12	4.44	.22	6.56	2.80
VIENNA	6.13	3.22	7.16	4.27	6.11	2.66	4.44	1.18	4.35	.00	6.15	2.05
WARRENTON 3 SE	6.21	3.27	6.36	3.52	6.38	3.09	4.74	1.50	5.98	1.92	6.96	3.34
WASHINGTON WSO DULLES	5.43	2.73	5.83	3.02	5.60	2.43	2.92	-.19	4.52	.50	5.87	1.95
WASHINGTON NATL WSCMO	5.43	2.71	5.23	2.52	5.40	2.23	3.96	1.25	4.05	.39	4.42	1.04
WINCHESTER WINC	M 4.63		5.40		5.21		4.94		4.22		5.31	
WINCHESTER 7 SE	M 4.66		5.67	3.19	4.93	1.87	3.75	.67	M		5.42	1.55
WOODSTOCK 2 NE	M 6.66		5.52	3.22	3.87	1.12	2.72	.02	4.38	.96	7.30	4.05
--DIVISIONAL DATA----->	6.29	3.59	6.40	3.71	4.96	1.75	3.91	.77	5.32	1.24	5.48	1.78
CENTRAL MOUNTAIN 05												
BUCHANAN	8.82	6.05	8.08	5.25	4.82	1.38	5.50	2.35	M 2.15		3.55	.36
BUENA VISTA	M 6.61		6.35	3.55	4.03	.76	M 6.38		6.64	2.94	4.30	1.45
COVINGTON	M 6.73		5.25	2.95	3.78	1.05	5.39	2.71	6.09	2.58	2.53	-.50
COVINGTON FILTER PLANT	6.24	4.05	4.82	2.47	3.56	.65	5.29	2.43	6.35	2.68	2.85	-.35
CRAIGSVILLE 2 S	7.38	4.62	4.18	1.46	M 2.13		5.67		5.67	1.59	6.34	2.94
DALE ENTERPRISE	7.42	5.58	5.47	3.45	5.57	3.12	4.07	1.55	4.95	1.57	4.70	1.74
EARLEHURST	M 3.84		4.55		M 4.38		6.20		8.05		4.30	
GATHRIGHT DAM	5.96		4.80		3.67		4.90		5.95		4.98	
GLASGOW 1 SE	12.61		9.70		5.74		6.47		5.70		3.47	
GOSHEN	8.24	5.48	4.37	1.51	5.48	1.82	4.16	.94	4.81	.57	7.01	3.90
HOT SPRINGS	7.30	4.37	6.79	3.87	5.42	1.73	6.27	2.84	4.28	.13	5.41	2.05
KERRS CREEK 6 WNW	7.76	4.82	4.35	1.29	4.25	.60	4.14	.59	5.75	1.53	5.73	2.39
LEXINGTON	M 7.63		5.58	2.76	4.18	.85	5.72	2.85	6.05	2.40	5.56	2.38
MILLGAP 2 NNW	6.06		4.31		5.60		4.46		3.29		6.58	
MUSTOE 1 SW	6.98		4.63		5.28		4.98		3.83		6.37	
ROANOKE 8 N	M 8.63		M 7.29		5.13		6.47		4.88		2.92	
ROANOKE WSO AIRPORT	7.97	5.35	8.00	4.96	5.20	1.72	4.58	1.33	4.47	.49	2.03	-1.16
STAUNTON SEWAGE PLANT	6.98	4.68	10.37	8.09	4.03	1.15	3.83	1.01	4.76	1.16	5.56	2.81
--DIVISIONAL DATA----->	7.21	4.65	6.49	3.80	4.63	1.40	5.16	2.10	5.22	1.35	4.38	1.11
SOUTHWESTERN												
MOUNTAIN 06												
ABINGDON 3 S	M 4.80		3.04		4.93		8.13		6.29		5.89	
ALLISONIA 2 SSE	M 6.24		3.01	.45	3.57	.33	M 4.65		M 6.20		M 3.52	
BIG STONE GAP	5.86		3.63		4.47		10.13		4.35		7.16	
BLACKSBURG WSO	7.41	4.65	3.48	.59	M 4.15		5.02	1.40	7.61	3.57	5.73	2.32
BLAND	6.14	3.27	4.13	1.24	3.28	-.11	4.77	1.58	6.59	2.70	3.84	.52
BURKES GARDEN	6.19	2.96	3.42	.10	3.98	.21	5.89	2.24	6.97	2.45	4.65	.67
BYLLESBY DAM	M 6.89		5.14		3.94		5.29		7.20		M 2.69	
CHRISTIANSBURG	M 7.48		3.60		3.92		4.90		7.13		3.45	
CLINTWOOD 1 W	4.51		3.43		3.61		9.05		6.35		8.45	
COPPER HILL	7.59	4.93	7.69	4.83	M 4.18		5.59	1.67	6.02	1.76	M 3.30	

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TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
ROCKY MOUNT	2.82	-2.16	2.80	-1.41	.59	-3.41	.99	-3.03	1.29	-1.96	3.94	.85	45.13	.19
SOUTH BOSTON	1.86		2.84		1.39		1.64		.60		4.58		44.62	
STUART	M 1.77		4.72	.05	.98	-3.47	2.14	-2.07	1.42	-2.16	4.72	1.21	M 49.74	
TYE RIVER 1 SE	2.45	-2.12	5.35	1.73	1.15	-2.54	1.10	-3.30	1.28	-2.16	2.54	-.66	46.90	2.55
WOOLWINE 4 S	1.56	-3.39	8.14	3.67	.69	-4.66	2.79	-2.12	1.29	-3.04	4.25	.33	55.27	.65
--DIVISIONAL DATA----->	2.08	-2.48	4.06	-.05	1.22	-2.52	1.47	-2.55	1.10	-2.25	3.78	.52	48.19	3.43
NORTHERN 04														
BIG MEADOWS	M .84		4.78	.44	1.67	-3.14	2.79	-2.45	.69	-4.51	M 3.19		M	
BOSTON 4 SE					1.36		1.61		.81		2.49			
EDINBURG	.36		1.75		1.58		.82		.55		1.53		30.63	
FRONT ROYAL	.32		1.95		1.60		.87		.75		M 1.35		M 36.71	
GORE 3 E	R 1.69		4.68		.75		1.07		.48		.57		43.00	
LINCOLN	.62	-3.13	1.63	-2.34	2.63	-.83	1.90	-1.39	1.15	-2.33	M 1.19		M 39.07	
LURAY 5 E	.88	-2.83	1.44	-2.10	.91	-2.53	1.39	-2.14	1.11	-2.41	2.17	-.65	41.11	2.02
MADISON 4 ESE	M .74		2.91		1.18		2.61		.92		3.08		M 51.40	
MOUNT WEATHER	1.82	-2.13	1.74	-1.96	1.59	-1.84	1.66	-2.16	.65	-2.92	1.19	-1.57	M 43.66	
PIEDMONT RESEARCH STN	3.25	-1.22	1.49	-2.79	1.31	-2.23	2.81	-1.21	1.03	-2.60	2.45	-.60	44.34	1.45
SOMERSET	1.82		M 1.52		1.10		1.97		.97		2.24		M 45.73	
SPERRYVILLE	.97		1.97		.90		1.80		1.03		2.05		M 48.16	
STAR TANNERY	1.45		1.19		2.36		1.24		.48		1.02		36.77	
STERLING RCS	1.37		.32		.90		1.66		.92		1.54		38.10	
THE PLAINS 2 NNE	1.17	-2.35	1.18	-3.81	1.58	-1.96	2.14	-1.29	1.06	-2.51	1.58	-1.30	43.13	.92
VIENNA	1.55	-2.63	2.06	-2.33	2.03	-1.85	1.22	-2.25	.74	-2.83	2.01	-1.18	43.95	.31
WARRENTON 3 SE	1.73	-1.99	.85	-2.87	2.72	-.68	1.89	-1.60	1.42	-2.03	M 2.20		M 47.44	
WASHINGTON WSO DULLES	1.31	-2.18	.44	-3.50	1.25	-2.11	1.50	-1.70	1.21	-2.09	1.53	-1.69	37.41	-2.83
WASHINGTON NATL WSCMO	R 1.79	-2.01	.59	-3.32	1.83	-1.48	.59	-2.43	.91	-2.21	1.74	-1.38	35.94	-2.69
WINCHESTER WINC	.95		2.39		.67		1.49		.32		.94		M 36.47	
WINCHESTER 7 SE	.82	-3.07	2.04	-1.42	1.48	-1.63	.99	-2.20	.26	-2.84	1.03	-1.49		
WOODSTOCK 2 NE	.42	-3.26	2.84	-.32	1.53	-1.72	1.04	-2.10	.49	-2.28	M 1.54		M 38.31	
--DIVISIONAL DATA----->	1.28	-2.58	1.95	-1.89	1.49	-2.03	1.57	-2.00	.80	-2.68	1.72	-1.24	41.17	.42
CENTRAL MOUNTAIN 05														
BUCHANAN	2.62	-1.75	2.87	-1.11	M .66		M .24		.93	-2.35	2.09	-.79	M 42.33	
BUENA VISTA	1.93	-1.87	2.94	-.18	M 1.05									
COVINGTON	1.25	-2.48	3.19	-.11	.95	-1.73	2.49	-.66	.96	-1.63	2.21	-.22	M 40.82	
COVINGTON FILTER PLANT	1.45	-2.30	3.42	-.03	.84	-2.01	2.36	-.96	1.16	-1.81	1.99	-.60	40.33	4.22
CRAIGSVILLE 2 S	1.56	-2.72	1.81	-1.80	.57	-2.82	2.40	-1.47	.94	-2.44	2.31	-.77		
DALE ENTERPRISE	.75	-2.82	1.83	-1.75	1.41	-1.84	1.24	-1.95	.68	-2.10	1.88	-.39	39.97	6.16
EARLEHURST	2.03		4.33		1.92		1.87		1.03		M 2.65		M 45.15	
GATHRIGHT DAM	2.02		3.02		.56		1.32		1.30		M 2.59		M 41.07	
GLASGOW 1 SE	1.56		3.33		.99		1.51		.83		2.24		54.15	
GOSHEN	2.81	-1.16	1.83	-1.94	.37	-3.24	2.15	-1.84	1.67	-1.96	2.39	-.59	45.29	3.49
HOT SPRINGS	2.25	-2.24	2.88	-.82	M .64		1.86	-1.91	1.54	-1.93	3.05	.21	M 47.69	
KERRS CREEK 6 WNW	1.30	-2.96	1.88	-2.01	.52	-3.17	3.54	-.52	1.45	-2.28	1.96	-1.15	42.63	-.87
LEXINGTON	1.26	-2.40	2.77	-.40	.96	-2.20	1.51	-2.04	.91	-2.11	2.44	-.47	M 44.57	
MILLGAP 2 NNW	1.77		3.51		1.79									
MUSTOE 1 SW	.96		3.01		1.73		1.49		1.19		2.24		42.69	
ROANOKE 8 N	.83		4.18		1.29		1.64		.82		1.78		M 45.86	
ROANOKE WSO AIRPORT	R .86	-3.05	6.17	2.02	1.10	-2.40	1.47	-2.38	.85	-2.34	2.32	-.65	45.02	3.89
STAUNTON SEWAGE PLANT	1.47	-2.02	2.50	-1.17	.86	-2.60	1.10	-2.53	M .90		M 2.09		M 44.45	
--DIVISIONAL DATA----->	1.49	-2.43	3.24	-.49	1.17	-2.21	1.54	-2.16	1.06	-2.11	2.21	-.59	43.80	4.42
SOUTHWESTERN														
MOUNTAIN 06														
ABINGDON 3 S	2.97		3.29		.82		1.34		1.72		5.60		M 48.82	
ALLISONIA 2 SSE	.92	-2.88	3.13	-.01	1.50	-1.66	2.78	-.63	.26	-2.43	M 3.13		M	
BIG STONE GAP	3.93		3.35		1.86		1.27		1.96		6.48		54.45	
BLACKSBURG WSO	1.56	-2.45	4.51	.74	.91	-2.60	2.79	-.84	.67	-2.22	2.77	-.05	M 46.61	
BLAND	1.80	-1.81	2.67	-1.01	2.42	-.62	.82	-2.36	.88	-1.80	3.38	.55	40.72	2.15
BURKES GARDEN	M 3.07		4.16	.22	2.60	-.72	1.01	-2.38	M 1.18		3.68	.37	M 46.80	
BYLLESBY DAM	.19		M 5.01		M .97		M 2.02		.65		3.87		M	
CHRISTIANSBURG	2.07		4.07		.68		2.90		.48		3.08		M 43.76	
CLINTWOOD 1 W	5.46		3.20		1.31		1.54		1.20		5.51		53.62	
COPPER HILL	2.12	-2.15	M 3.12		1.00	-3.29	M 2.11		.71	-3.17	M 4.17		M	

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TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
FLOYD 2 NE	M 6.01		5.97	3.00	5.03	1.35	4.76	1.18	5.33	1.39	3.60	.26
GALAX RADIO WBRF	9.10	6.50	6.16	2.88	3.82	.15	4.87	1.46	7.35	2.95	3.45	-.45
GLEN LYN	5.66	3.25	3.46	.86	3.33	.25	4.87	1.83	4.93	1.31	4.41	1.29
GRUNDY	5.02	1.82	M 3.50		3.88	.31	6.99	3.18	7.59	3.40	8.27	4.14
HILLSVILLE	10.63	7.80	5.25	2.01	3.48	-.29	4.57	.90	7.11	2.81	M 3.35	
JOHN W FLANNAGAN LAKE	3.40		2.77		3.59		7.50		7.13		7.32	
LAFAYETTE 1 NE	8.12	5.32	6.91	4.38	4.25	1.17	4.64	1.48	5.14	1.38	3.04	-.01
LEBANON	5.13		3.71		3.53		7.69		5.64		8.33	
MT LAKE BIOLOGICAL STA	M											
NEWPORT 2 NNW	6.65	4.34	2.20	-.21	3.80	.85	4.90	1.81	5.10	1.28	3.00	-.18
NORTH FORK LAKE	4.53		2.78		3.83		8.34					
PENNINGTON GAP							10.44	6.19	4.85	.02	5.46	1.37
PULASKI	6.85	4.57	3.18	.52	3.60	.55	4.64	1.80	6.29	2.48	1.92	-1.53
RICHLANDS	5.72		3.13		4.33		6.57		M 7.86		6.40	
SALTVILLE 1 N	M 5.88		2.77		M 5.05		7.63		5.80		6.58	
STAFFORDSVILLE 3 ENE	6.72	4.19	3.13	.40	3.71	.59	5.31	2.00	6.76	3.10	4.06	.85
TROUT DALE 3 SSE	7.08	3.53	3.97	.16	3.74	-.57	6.33	2.27	10.25	5.62	6.12	2.01
WILLIS	8.35		4.56		4.41		4.98		6.46		3.58	
WISE 3 E	5.89	2.50	3.67	.18	4.10	-.06	9.24	5.34	5.04	.53	7.20	3.38
WYTHEVILLE 1 S	6.50	4.02	4.73	1.99	3.25	.26	4.53	1.44	8.02	4.07	3.25	.22
--DIVISIONAL DATA----->	6.23	3.18	3.82	.52	3.96	.21	6.78	3.14	6.33	2.03	5.47	1.70

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TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
FLOYD 2 NE	.78	-3.07	4.81	1.41	.38	-3.45	1.85	-2.16	.89	-2.59	M 3.25		M 42.66	
GALAX RADIO WBRF	2.27	-1.96	5.85	2.73	1.00	-2.77	2.60	-1.46	.64	-2.81	3.98	.95	51.09	8.17
GLEN LYN	2.14	-1.93	2.44	-1.05	.67	-2.28	.88	-2.04	.63	-1.99	2.22	-.40	35.64	-.90
GRUNDY	5.72	1.03	3.23	-.48	2.06	-1.54	1.35	-1.79	1.04	-2.19	4.77	1.70	M 53.42	
HILLSVILLE	1.59	-2.48	3.68	.29	1.11	-2.53	2.56	-1.51	1.24	-2.16	3.96	.93	M 48.53	
JOHN W FLANNAGAN LAKE	3.76		3.64		.99		1.54		1.73		5.04		48.41	
LAFAYETTE 1 NE	1.59	-1.92	2.61	-.78	.76	-2.26	1.91	-1.45	.72	-2.26	2.79	.13	42.48	5.18
LEBANON	3.55		3.17		1.55		1.56		.81		5.28		49.95	
MT LAKE BIOLOGICAL STA														
NEWPORT 2 NNW	.80	-2.89	M		.90	-2.30	1.80	-1.74	1.00	-1.76	.80	-1.78		
NORTH FORK LAKE														
PENNINGTON GAP	2.27	-2.50	4.71	.95	1.27	-2.34	1.55	-1.74	1.87	-2.21	5.74	1.22		
PULASKI	.86	-3.06	3.41	.12	.77	-2.22	2.02	-1.32	.45	-2.12	2.44	-.29	36.43	-.50
RICHLANDS	3.93		3.11		1.57		M 1.28		.90		M 4.86		M 49.66	
SALTVILLE 1 N	2.01		5.12		1.52		2.26		1.18		4.47		M 50.27	
STAFFORDSVILLE 3 ENE	1.58	-2.37	3.66	.16	1.64	-1.53	1.51	-1.61	1.25	-1.42	2.83	.26	42.16	4.62
TROUT DALE 3 SSE	1.15	-3.18	2.58	-1.34	.92	-2.63	.91	-3.16	.72	-2.80	3.33	-.03	47.10	-.12
WILLIS	1.27		4.44		1.82		2.82		1.00		3.56		47.25	
WISE 3 E	3.56	-1.37	3.30	-.71	1.81	-1.77	1.46	-1.67	1.63	-1.97	5.67	2.22	52.57	6.60
WYTHEVILLE 1 S	1.18	-3.02	2.04	-1.40	1.70	-1.39	.93	-2.47	.61	-2.11	3.41	.80	40.15	2.41
--DIVISIONAL DATA----->	2.86	-1.59	3.76	.08	1.47	-2.01	1.68	-1.77	1.09	-2.14	4.42	1.22	47.87	4.57

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AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL		
	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	
VIRGINIA																											
TIDEWATER 01																											
BACK BAY WILDLIFE REFU	M		M		M		M61.8	4.8	M		M		M80.6	2.5	M		M74.9	1.9	M		M		M		M		
COLONIAL BEACH	43.8	7.9	44.2	5.7	49.0	1.4	60.3	3.4	68.7	2.1	75.1	.0	80.3	1.3	79.4	1.6	76.7	4.8	61.8	1.5	52.6	1.8	46.5	5.6	61.5	3.1	
EMPORIA 1 WNW	44.1		44.4		48.7		58.1		67.6		75.1		78.5		77.9		73.9		60.8		49.9		45.9		60.4		
FREDERICKSBURG SEWAGE	41.4		42.0		45.9		56.9		66.2		73.4		77.4		77.3		74.2		M		47.5		43.4		M		
HOLLAND 1 E	44.4	6.8	44.1	3.9	49.1	.5	57.3	.0	67.0	1.0	74.7	1.1	77.6	.2	76.1	-.3	72.8	2.3	59.5	-.1	49.6	-1.7	46.6	4.7	59.9	1.5	
HOPEWELL	46.7	8.1	47.0	5.4	52.2	1.7	62.0	2.6	69.9	2.2	77.7	2.5	81.1	2.2	80.8	3.0	77.5	5.8	63.2	2.2	53.5	1.4	48.2	5.4	63.3	3.5	
KILMARNOCK 1 N	41.8		41.9		46.8		57.3		65.0		M																
LANGLEY AIR FORCE BASE	45.1	6.6	45.5	4.7	49.5	.7	58.6	1.6	66.9	.8	74.5	.3	77.6	-.8	77.9	.3	74.4	2.8	60.4	-.6	50.9	-1.0	46.7	3.6	60.7	1.6	
MATHEWS 6 SE	43.7	6.4	43.2	3.7	48.3	.6	M		66.3	.7	74.0	.5	77.5	-.2	M		74.2	3.2	60.4	.1	50.1	-1.1	46.7	4.8	M		
NORFOLK WSO AIRPORT	R	46.5	7.4	47.2	6.2	50.8	2.2	58.9	1.9	67.5	1.4	75.9	1.8	79.0	.8	78.9	1.7	75.3	3.4	61.9	.7	52.6	.1	48.7	4.9	61.9	2.7
PAINTER 2 W	45.0	7.9	44.7	5.6	48.7	1.6	58.4	3.0	66.8	2.1	74.5	1.7	77.8	.6	76.7	.7	74.3	4.1	61.1	1.5	50.7	-.2	46.4	4.5	60.4	2.8	
STONY CREEK 1 E	43.0	6.9	43.7	4.9	48.8	1.3	M								77.1	1.2	75.0	5.8	59.3	1.8	51.1	2.5	M45.8	6.1	M		
SUFFOLK LAKE KILBY	46.6	8.5	47.3	6.5	51.2	2.2	60.3	2.7	68.6	2.2	75.9	1.9	79.2	1.3	78.4	1.7	74.9	4.1	62.0	1.9	52.6	1.3	48.1	5.7	62.1	3.3	
TANGIER ISLAND	43.8	6.8	45.1	6.5	48.1	2.1	60.6	5.1	68.3	3.2	74.8	1.3	80.0	1.6	78.7	1.1	76.7	4.4	62.7	.6	52.9	1.0	47.1	4.6	61.6	3.2	
WAKEFIELD 1 NW	43.8		44.3		49.1		57.9		67.3		74.3		78.0		77.4		73.6		58.8		49.2		44.5		59.9		
WALKERTON 2 NW	43.8	8.4	44.1	5.6	49.2	1.7	59.2	2.6	68.0	2.3	74.5	1.0	78.4	1.2	78.2	2.1	74.6	5.2	59.4	1.2	49.6	.6	44.4	4.9	60.3	3.1	
WARSAW 2 NW	44.3	8.5	44.1	5.5	48.4	.9	59.1	2.8	68.2	2.6	74.1	.6	78.0	.7	77.8	1.7	75.6	5.8	59.7	.9	50.8	.9	45.3	5.1	60.5	3.0	
WEST POINT 2 NW	44.8	8.4	44.6	5.3	49.7	1.5	59.5	2.2	68.2	1.8	75.1	1.2	78.8	1.4	78.5	2.3	74.9	5.0	60.6	1.6	50.5	.6	45.3	4.7	60.9	3.0	
WILLIAMSBURG 2 N	45.4	8.1	45.3	5.4	51.1	2.7	60.5	3.3	68.5	2.5	75.6	2.1	78.6	1.1	78.1	1.6	74.2	3.7	60.6	.9	51.3	.3	46.5	4.8	61.3	3.0	
--DIVISIONAL DATA----->	44.3	7.1	44.6	5.0	49.1	1.2	59.2	2.6	67.6	2.0	75.0	1.3	78.7	.9	78.1	1.4	74.9	4.1	60.8	.8	50.9	-.1	46.2	4.5	60.8	2.6	
EASTERN PIEDMONT 02																											
AMELIA 4 SW	42.9		43.2		47.4		58.1		67.1		74.3		78.3		77.4		74.3		60.1		49.3		45.4		59.8		
ASHLAND	42.1	7.5	43.5	5.7	48.3	1.3	58.4	2.1	66.6	1.9	72.5	.1	76.0	-.4	76.6	1.3	73.8	4.9	58.1	.8	48.9	.8	43.1	4.5	59.0	2.5	
BREMO BLUFF	42.4		43.5		47.6		58.4		68.3		75.0		78.7		77.8		74.5		61.8		M		42.2		M		
CAMP PICKETT	41.7		42.1		46.8		55.9		65.5		73.7		77.1		75.7		71.9		58.1		47.1		43.7		58.3		
CHASE CITY	41.0	5.7	40.8	3.1	45.5	-1.3	55.8	.2	62.4	-2.3	73.5	.4	77.1	-.2	75.0	-.9	71.9	2.5	57.6	-.3	46.7	-1.7	41.9	2.7	57.4	.7	
CORBIN	41.3	8.0	42.3	6.1	46.9	1.5	57.4	2.9	66.8	3.2	72.2	.4	77.3	1.4	76.0	1.0	74.2	5.8	58.1	1.2	48.2	.3	44.1	6.3	58.7	3.2	
CROZIER	40.8	6.9	41.3	4.3	46.0	.2	55.6	.3	64.7	.8	M72.9	.9	76.6	.3	76.2	1.1	74.1	5.6	58.5	1.8	48.1	.3	44.6	6.4	M58.3	2.4	
FARMVILLE 2 N	40.9	6.7	41.8	5.0	46.0	-.7	56.2	.8	66.4	2.0	74.0	1.7	77.4	1.3	76.5	1.8	74.3	6.6	58.8	1.8	47.8	.5	43.7	5.5	58.7	2.8	
GORDONSVILLE 3 S	39.6		40.4		43.6		54.1		64.8		71.1		74.7		74.5		71.6		55.8		45.7		41.7		56.5		
JOHN H KERR DAM	42.3	6.2	42.5	3.6	47.6	.0	57.1	.2	68.1	2.5	76.1	2.6	79.4	1.9	77.4	1.0	74.7	4.9	60.3	1.8	49.9	.2	45.1	4.6	60.0	2.5	
LAWRENCEVILLE 3 E	42.4	6.7	42.6	4.5	48.3	.8	56.5	.9	66.0	1.6	74.6	2.9	77.8	1.7	77.9	2.8	73.0	4.7	58.9	1.2	49.7	1.1	M45.7	6.1	M59.5	2.9	
LOUISA	40.0	5.8	40.3	2.9	45.2	-1.5	55.7	.2	65.7	1.5	71.8	-.2	74.6	-1.1	74.2	-.3	71.9	3.9	55.5	-1.5	45.9	-1.9	41.2	3.1	56.8	.9	
PALMYRA 1 E	41.6		42.3		46.7		56.9		65.8		71.9		76.0		76.4		73.5		57.0		47.8		42.8		58.2		
RICHMOND WSO AIRPORT	R	43.2	7.5	44.2	5.5	48.5	.5	58.0	.7	67.4	1.4	74.0	.1	78.3	.3	78.3	1.5	74.2	4.2	59.7	1.1	49.5	-.1	44.2	4.1	60.0	2.2
--DIVISIONAL DATA----->	41.6	6.6	42.2	4.1	46.7	-.4	56.7	.5	66.1	1.4	73.4	.8	77.1	.6	76.4	1.0	73.4	4.6	58.5	1.0	48.0	-.6	43.5	4.4	58.6	2.0	
WESTERN PIEDMONT 03																											
APPOMATTOX	M39.7	6.9	41.9	6.5	M46.1	1.4	57.4	3.3	66.2	3.1	72.1	1.0	75.3	.2	74.6	.7	74.0	6.8	M58.5	2.9	49.5	2.7	42.9	5.8	M58.2	3.4	
BEDFORD	41.5	5.9	41.9	3.4	45.4	-2.3	56.0	-.9	65.4	.9	71.9	.2	75.6	.6	73.8	.1	71.9	4.6	57.9	1.0	47.7	-.6	43.6	4.5	57.7	1.5	
BROOKNEAL	40.4		41.2		45.0		54.5		65.6		72.8		76.1		74.9		71.7		56.3		44.4		39.9		56.9		
CHARLOTTE COURT HOUSE	41.7	7.7	42.4	5.5	M		56.9	1.5	M		M		77.2	1.4	76.1	1.3	73.3	5.0	58.8	1.9	49.2	1.4	M45.0	6.7	M		
CHARLOTTESVILLE 2 W	41.8	7.3	42.6	5.5	46.6	.0	59.0	2.6	67.5	2.6	72.8	.2	77.2	.8	76.8	1.8	74.8	5.9	60.2	2.1	50.6	1.6	45.3	7.0	59.6	3.1	
CHATHAM	39.6	5.8	40.2	3.7	44.9	-.3	54.1	.1	65.2	2.3	71.8	1.2	75.4	.8	73.3	.0	70.5	3.5	56.1	.6	45.8	-1.0	41.7	3.9	56.6	1.7	
DANVILLE	42.1	6.0	43.1	3.9	47.7	-.5	58.1	.7	68.6	2.2	76.0	1.8	79.7	1.7	77.8	.8	75.0	4.7	60.3	1.9	50.2	1.0	45.4	5.4	60.3	2.5	
LYNCHBURG NO 2							54.4		65.0		71.8		74.7		72.6		70.0		55.5		46.2		42.1		M		
LYNCHBURG WSO AIRPORT	R	40.1	5.9	40.7	3.5	44.9	-1.5	55.2	-.5	65.7	1.6	72.0	.3	74.7	-.9	74.0	-.6	71.4	3.3	56.7	-.3						

VIRGINIA
1998

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE
BIG MEADOWS	32.4	7.6 M			M35.2	-.3	M47.9	2.9	56.9	2.4	62.2	.2	M66.7	1.2	65.9	1.4	M64.1	5.8	M47.4	-.7	M41.3	2.5	M33.9	4.8 M		
BOSTON 4 SE																	70.4	54.5			45.1		41.5		M	
EDINBURG	37.4		38.1		42.1		53.0		63.7		69.6		74.4		73.2		70.6	54.9			44.6		40.1		55.1	
FRONT ROYAL	40.2		40.6		43.9		54.7		65.3		70.3		75.5		74.9		71.8	56.0			47.0		42.8		56.9	
GORE 3 E	38.7		37.9		42.4		54.1		64.1		68.6		73.3		72.5		69.8	55.3			46.4		41.2		55.4	
LINCOLN	38.5	5.9	38.8	3.0	42.3	-3.0	53.3	-1.5	64.4	.3	68.9	-3.6	73.7	-2.7	73.5	-1.5	70.3	1.7	55.2	-2.2	43.7	-3.9	39.6	2.4	55.2	-.4
LURAY 5 E	39.7	10.0	39.1	6.6	44.3	1.9	55.2	3.3	64.9	3.7	70.5	1.9	74.4	1.9	73.5	2.3	71.2	6.7	56.5	2.8	47.3	2.7	42.4	8.0	56.6	4.3
MADISON 4 ESE	36.7		37.3		42.4		54.0		64.9		70.6		74.6		73.1		69.3	53.9			43.9		40.8		55.1	
MOUNT WEATHER	35.8	8.4	36.1	6.5	38.8	-.2	46.7	-2.6	61.6	2.1	66.8	-1.2	72.6	.6	72.0	1.3	69.6	5.6	54.3	1.5	45.1	2.1	39.8	7.4	53.3	2.6
PIEDMONT RESEARCH STN	40.4	8.1	41.0	5.9	45.0	.4	56.6	2.2	66.3	2.8	71.9	.1	76.1	.4	76.0	1.6	73.2	5.4	58.1	1.7	48.2	1.2	43.3	6.6	58.0	3.0
SOMERSET	40.6		41.3		44.7		54.8		65.7		71.2		75.1		74.4		72.0	55.9			46.1		42.2		57.0	
SPERRYVILLE	M42.0		42.1		M45.6		56.1		66.7		71.7		76.1		75.4		73.0	57.6			47.0		42.6		M58.0	
STAR TANNERY	38.2		37.0		41.9		53.7		63.3		68.4		73.7		72.8		69.9	54.3			44.7		39.3		54.8	
STERLING RCS	38.7		38.7		42.8		52.9		64.9		69.9		74.4		74.6		70.3	54.8			43.2		39.6		55.4	
VIENNA	40.3		40.8		45.0		55.3		64.6		69.9		74.3		74.6		70.4	56.6			47.0		42.6		56.8	
WARRENTON 3 SE	40.7	9.1	40.7	6.4	44.6	.8	56.2	2.8	64.5	1.9	69.9	-1.0	74.0	-1.1	74.8	.8	72.4	4.7	57.7	1.5	48.4	1.6	43.6	7.3	57.3	2.9
WASHINGTON WSO DULLES	40.1	9.5	41.0	7.4	45.5	2.3	54.9	2.2	66.0	3.8	70.4	-.6	75.3	-.3	76.2	2.0	72.7	5.6	56.2	1.1	45.6	.2	40.9	5.5	57.1	3.2
WASHINGTON NATL WSCMO	43.0	8.4	43.4	5.9	46.9	-.3	57.4	.9	67.5	1.1	73.0	-2.6	78.9	-1.1	79.4	.9	75.4	4.1	60.1	.4	50.3	.5	44.4	5.0	60.0	1.9
WINCHESTER WINC	38.8		39.2		43.6		55.3		65.1		70.5		76.5		75.4		71.7	56.8			47.2		42.4		56.9	
WINCHESTER 7 SE	38.0	8.5	37.8	5.8	42.4	.1	53.3	1.6 M			69.4	-.5	74.3	.2	73.4	.7	70.7	5.1	55.2	1.0	45.0	.8	40.7	6.5 M		
WOODSTOCK 2 NE	38.6	6.4	38.9	3.6	42.9	-1.9	M45.6	-8.5	64.5	1.3	70.5	-.5	75.5	.7	74.5	.8	71.7	4.5	56.7	.7	46.2	-.2	41.9	5.4 M	M55.6	1.0
--DIVISIONAL DATA----->	38.9	7.8	39.5	5.6	43.1	-.4	53.6	.6	64.5	2.1	69.7	-.9	74.5	-.2	74.0	.6	71.0	4.3	55.6	.3	45.9	.1	41.2	5.6	56.0	2.1
CENTRAL MOUNTAIN 05																										
BUCHANAN	40.0	4.9	42.2	3.9	45.8	-1.9	57.4	1.2	M70.8	6.1	74.3	2.5	77.0	1.6	76.4	1.8	73.9	5.8	59.6	2.4	48.3	.8	42.4	3.9	M59.0	2.8
BUENA VISTA	40.1		40.2		45.1		56.2		67.3		72.3		75.4		75.7		M73.0									
COVINGTON FILTER PLANT	36.7	3.2	39.7	2.6	42.1	-4.4	54.1	-1.0	65.7	2.2	70.7	.4	73.4	-.7	71.8	-1.3	68.5	1.7	55.4	-.8	44.9	-1.7	40.8	3.3	55.3	.3
DALE ENTERPRISE	37.3	6.2	37.6	3.5	41.5	-2.3	53.0	.4	63.8	1.8	70.2	.2	73.9	.3	73.2	1.0	69.7	4.0	55.0	.6	44.3	-.5	39.7	4.4	54.9	1.6
GATHRIGHT DAM	36.7		38.4		41.8		52.9		64.5		68.4		72.7		71.7		68.3	55.5			44.6		39.1		54.6	
HOT SPRINGS	36.2	7.1	37.1	5.4	42.2	1.2	51.8	1.5	63.5	4.0	68.5	1.5	71.1	.4	70.3	.5	67.7	4.5	53.8	1.3	42.7	-.1	36.9	3.6	53.5	2.6
LEXINGTON	40.0	6.4	41.6	4.9	45.7	-.6	56.2	.9	66.5	2.6	72.2	1.1	74.5	-.3	M74.1	.3	71.2	4.1	56.2	.1	44.6	-1.8	41.1	3.8 M	M57.0	1.8
MILLGAP 2 NNW																	63.2	50.2			39.4		35.1		M	
MUSTOE 1 SW	34.4		36.0		39.2		48.6		60.5		64.6		67.9		67.7		64.3	51.2			40.5		35.4		50.9	
ROANOKE 8 N	40.1		41.2		44.7		55.7		66.0		72.3		75.9		74.0		72.1	57.7			47.5		42.1		57.4	
ROANOKE WSO AIRPORT	41.2	6.7	42.2	4.9	45.8	-1.0	56.5	.9	67.1	3.0	73.5	2.0	77.5	1.9	75.9	1.3	73.6	5.9	59.0	2.5	49.0	1.5	43.4	5.1	58.7	2.9
STAUNTON SEWAGE PLANT	37.7	6.9	38.1	4.9	42.0	-.6	54.0	2.5	63.4	2.7	69.4	.7	72.8	.1	72.9	1.6	70.5	6.1	56.9	4.0	46.5	2.4	41.4	6.6	55.5	3.2
--DIVISIONAL DATA----->	38.2	6.5	39.5	4.7	43.3	-.9	54.2	1.0	65.4	3.4	70.6	1.2	73.8	.6	73.1	1.0	69.7	4.2	55.5	.9	44.8	-.3	39.8	4.0	55.7	2.2
SOUTHWESTERN MOUNTAIN 06																										
ABINGDON 3 S	39.1		40.0		43.1		53.2		64.8		70.1		73.5		73.2		70.4	57.4			46.6		40.0		56.0	
BIG STONE GAP	39.7		42.0		44.8		53.8		66.8		71.4		75.1		74.7		72.3	56.7			45.3		38.2		56.7	
BLACKSBURG WSO	35.7	6.1	37.0	4.6	39.6	-2.2	50.9	.4	62.8	3.6	68.1	1.3	71.4	.8	70.4	.8	67.6	4.5	53.8	1.9	43.4	.2	38.3	4.5	53.3	2.2
BLAND	36.3		36.7		39.2		50.0		61.7		66.7		69.9		69.0		66.1	53.4			43.1		37.7		52.5	
BURKES GARDEN	34.3	7.4	33.7	4.0	37.0	-1.9	48.7	1.6	58.9	2.7	65.4	2.2	66.8	-.2	66.1	.4	63.2	3.6	51.0	2.4	40.8	.7	35.4	4.0	50.1	2.2
CHRISTIANSBURG	37.5		38.6		42.2		54.1		64.8		69.3		72.8		72.0		70.3	56.1			46.2		40.4		55.4	
CLINTWOOD 1 W	36.4		38.6		41.8		51.0		63.9		67.9		71.5		70.7		67.2	53.7			44.3		37.2		53.7	
FLOYD 2 NE	37.1	5.8	37.8	3.6	41.8	-1.0	51.9	1.0	62.6	3.5	68.1	2.1	70.4	.8	68.7	.1	66.6	4.1	53.2	1.2	43.4	.2	38.5	3.7	53.3	2.1
GALAX RADIO WBRF	35.8	3.5	36.9	1.5	39.4	-4.8	50.2	-2.1	62.7	2.2	67.8	.5	70.5	-.2	69.7	-.2	67.1	3.4	54.4	1.2	42.9	-1.3	37.8	2.0	52.9	.5
GRUNDY	40.7	7.7	42.8	6.0	45.5	-.6	54.7	.0	67.2	3.9	72.0	1.0	76.9	1.8	76.8	2.6	73.1	4.8	59.7	3.8	48.7	2.0	41.6	4.4	58.3	3.1
LEBANON	37.8		38.8		43.3		52.2		63.9		69.3		72.7		72.1		69.0	55.5			45.4		39.3		54.9	
MT LAKE BIOLOGICAL STA	M37.9																									
NORTH FORK LAKE							M53.0		M		M70.1		M74.2		M		M69.6		M		M		M40.3		M	
PENNINGTON GAP							53.7	.6	66.2	4.2	71.2	1.8	75.1	2.1	74.0	2.0	71.3	5.2	57.7	3.1	46.9	1.8	40.7	4.6 M		
PULASKI	37.1	6.1	37.7	4.3	40.8	-1.6	52.6	1.7	62.9	2.6	68.9	1.3	71.9	.6	70.8	.6	68.8	5.1	54.8	1.8	44.9	1.2	39.5	4.2	54.2	2.3
RICHLANDS	37.4		38.9		M42.5		M51.5		63.5		68.2		72.0		71.3		68.1	54.9			45.1		38.4		M54.3	
SALTVILLE 1 N	38.1		40.1		42.6		52.6		64.5		69.7		73.5		72.3		69.2	56.3			45.5		39.8		55.4	
STAFFORDSVILLE 3 ENE	37.2	5.1	38.2	2.9	41.3	-3.8	52.4	-.9	63.4	2.3	69.0	1.0	71.4	-.6	70.4	-.4	68.0	3.4	54.8	1.1	44.6	-.3	38.8	2.4	54.1	1.0
WISE 3 E	39.3	7.5	39.6	4.3	43.8	-1.2	52.7	-.7	63.4	2.5	68.8	1.3	71.1	.6	70.9	1.1	69.3	4.9	57.3	2.8	47.6	2.1	40.5	4.3	55.4	2.5

VIRGINIA
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AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE
WYTHEVILLE 1 S	37.9	8.2	38.5	6.1	41.0	- .6	51.1	1.3	62.7	3.1	67.3	.6	70.4	- .4	70.0	.3	66.9	3.4	54.5	2.3	43.8	1.2	38.4	4.3	53.5	2.5
--DIVISIONAL DATA----->	37.5	5.8	38.6	3.9	41.7	-2.4	52.1	- .2	63.7	3.1	68.9	1.2	72.2	1.1	71.3	1.0	68.6	4.4	55.3	1.8	44.9	.5	39.0	3.4	54.5	2.0

VIRGINIA
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TEMPERATURE EXTREMES AND FREEZE DATA (°F)

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES				
					16° OR BELOW		20° OR BELOW		24° OR BELOW		28° OR BELOW		32° OR BELOW		32° OR BELOW		28° OR BELOW		24° OR BELOW		20° OR BELOW		16° OR BELOW		16° OR BELOW	20° OR BELOW	24° OR BELOW	28° OR BELOW	32° OR BELOW
					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.					
VIRGINIA																													
TIDEWATER 01					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
BACK BAY WILDLIFE REFU	103	7/22	16	1/ 1	1/ 1	16	3/13	19	3/13	19	3/25	28	3/25	28	11/ 5	30	12/15	25	12/24	22	12/25	19	NONE						
COLONIAL BEACH	97	8/26	18	1/ 2	NONE		1/ 2	18	3/14	22	3/14	22	3/24	31	11/ 7	30	12/15	28	12/27	22	NONE		NONE						
EMPORIA 1 WNW					1/ 2	15	3/14	20	3/14	20	3/25	27	3/26	29	MSG		MSG		12/15	23	12/23	20	12/28	16	360	284	276	228	
FREDERICKSBURG SEWAGE					1/ 1	15	3/13	18	3/13	18	3/16	27	4/13	31	10/24	31	11/ 7	28	12/27	19	12/27	19	NONE						
HOLLAND 1 E	96	7/23	15	1/ 1	NONE		1/ 1	19	3/13	24	3/13	24	4/13	32	10/23	32	11/ 7	28	12/23	24	NONE		NONE						
HOPEWELL	105	7/22	19	1/ 1	3/13	13	3/13	13	3/25	24	4/13	28	4/28	29	MSG		MSG		MSG		MSG		MSG						
KILMARNOCK 1 N					NONE		NONE		3/12	23	3/13	25	3/13	25	11/ 8	32	12/15	27	12/27	23	12/31	19	NONE						
LANGLEY AIR FORCE BASE	97	7/22	19	12/31	MSG		1/ 1	19	MSG		MSG		MSG		11/ 5	32	11/22	28	12/27	22	12/31	19	MSG						
MATHEWS 6 SE					NONE		NONE		NONE		3/12	25	3/13	32	12/23	30	12/27	25	12/31	24	NONE		NONE						
NORFOLK WSO AIRPORT	R 98	7/22	24	12/31	NONE		NONE		3/13	22	3/16	28	3/25	31	11/ 5	31	12/15	27	12/26	24	NONE		NONE						
PAINTER 2 W	99	7/22	21	12/31	NONE		NONE		1/ 1	16	MSG		MSG		10/24	30	11/ 7	26	11/22	22	12/27	16	12/27	16	360				
STONY CREEK 1 E					NONE		NONE		1/ 1	22	3/13	28	3/13	28	12/15	31	12/27	25	12/31	24	NONE		NONE						
SUFFOLK LAKE KILBY	96	6/27	22	1/ 1	NONE		NONE		3/12	19	3/12	19	3/13	27	3/14	31	12/23	32	12/24	26	12/25	24	NONE						
TANGER ISLAND	99	7/22	19	3/12	NONE		3/12	19	3/12	19	3/13	27	3/14	31	12/23	32	12/24	26	12/25	24	NONE		NONE						
WAKEFIELD 1 NW	101	7/22	14	1/ 1	3/13	16	3/13	16	3/13	16	3/24	28	4/13	30	10/22	32	11/ 7	27	11/22	23	12/27	17	NONE						
WALKERTON 2 NW	100	8/25	10	1/ 1	3/13	15	3/13	15	3/14	23	3/25	27	4/13	32	10/23	29	11/ 7	25	11/22	21	12/26	19	12/27	16	289	288	253	227	193
WARSAW 2 NW	101	8/25	16	1/ 1	1/ 1	16	3/13	19	3/13	19	3/25	27	3/25	27	11/ 5	26	11/ 5	26	12/15	24	12/26	17	NONE						
WEST POINT 2 NW	102	7/22	16	1/ 1	1/ 1	16	3/13	18	3/13	18	3/25	28	3/25	28	10/23	32	11/ 5	28	12/15	23	12/27	18	NONE						
WILLIAMSBURG 2 N	101	7/22	18	1/ 1	NONE		3/13	20	3/13	20	3/13	20	3/25	31	11/ 5	31	11/ 8	28	12/24	22	12/31	20	NONE						
EASTERN PIEDMONT 02																													
AMELIA 4 SW	102	7/23	17	3/13	NONE		3/14	18	3/14	18	3/14	18	3/26	31	10/23	31	11/ 7	28	11/22	23	12/26	19	NONE						
ASHLAND	98	8/25	12	1/ 1	3/13	16	3/13	16	3/13	16	3/25	27	4/ 6	32	10/23	32	11/ 5	28	11/22	24	12/15	20	12/27	16	289	277	254	225	200
BREMO BLUFF	104	7/23	13	12/27	3/13	14	3/13	14	3/15	24	3/25	26	4/28	32	10/25	30	MSG		MSG		MSG		MSG						
CAMP PICKETT	100	7/24	14	1/ 2	3/13	15	3/13	15	3/14	21	3/25	27	4/28	31	10/23	30	11/ 5	28	11/22	23	12/15	20	NONE						
CHASE CITY	101	7/22	10	1/ 2	3/13	16	3/14	19	3/23	22	4/ 6	28	4/29	32	10/23	28	10/23	28	11/ 7	22	12/15	17	12/26	15	288	276	229	200	177
CORBIN	98	8/25	12	1/ 2	3/13	16	3/13	16	3/13	16	3/25	26	4/11	32	10/23	31	11/ 5	25	12/15	22	12/23	19	12/26	14	288	285	277	225	195
CROZIER	103	7/23	10	1/ 2	3/14	12	3/14	12	3/26	24	4/12	26	4/29	30	10/23	29	11/ 5	26	11/23	23	12/15	20	NONE						
FARMVILLE 2 N	101	7/23	14	1/ 2	3/14	16	3/14	16	3/14	16	3/25	27	4/28	32	10/23	28	10/23	28	11/22	23	12/15	20	NONE						
GORDONSVILLE 3 S	100	7/23	2	3/26	3/26	2	3/26	2	3/26	2	3/26	2	4/29	31	10/23	27	10/23	27	11/ 5	24	11/22	18	12/25	13	274	241	224	211	177
JOHN H KERR DAM	100	7/23	15	3/13	3/13	15	3/13	15	3/14	24	3/23	27	4/12	32	10/23	30	11/ 7	26	11/22	23	12/31	20	NONE						
LAWRENCEVILLE 3 E	101	7/23	15	3/13	3/13	15	3/15	18	3/15	18	3/23	25	4/28	31	10/23	29	11/ 8	21	11/ 8	21	12/27	18	NONE						
LOUISA	99	7/22	6	1/ 1	3/13	11	3/15	20	3/25	21	4/28	28	4/28	28	10/15	31	10/23	26	11/ 5	21	11/22	18	12/25	13	287	252	225	178	170
PALMYRA 1 E	100	8/25	12	1/ 1	3/13	14	3/13	14	3/25	24	3/25	24	4/28	31	10/23	28	10/23	28	11/ 5	24	11/22	19	12/26	13	288	254	225	212	178
RICHMOND WSO AIRPORT	R 102	7/22	16	1/ 1	1/ 1	16	3/13	19	3/13	19	3/15	27	3/25	31	11/ 5	31	11/22	26	12/23	23	12/26	20	NONE						
WESTERN PIEDMONT 03																													
APPOMATTOX	96	7/22	10	1/ 2	3/14	15	3/14	15	3/14	15	3/26	28	3/26	28	10/23	31	11/ 5	27	11/22	24	12/23	18	NONE						
BEDFORD	95	7/22	16	3/13	3/13	16	3/13	16	3/13	16	3/26	27	3/26	27	10/23	25	10/23	25	11/22	23	12/31	19	NONE						
BROOKNEAL	101	7/23	10	1/ 1	3/14	13	3/14	13	3/24	23	4/ 7	28	4/29	30	10/15	32	10/23	23	10/23	23	11/22	19	12/16	16	277	253	213	199	169
CHARLOTTE COURT HOUSE					MSG		MSG		MSG		MSG		MSG		10/23	30	11/ 7	26	11/22	24	12/31	19	NONE						
CHARLOTTESVILLE 2 W	100	7/23	16	3/12	3/12	16	3/13	20	3/14	23	3/14	23	3/25	31	11/ 5	30	11/22	28	12/23	18	12/23	18	NONE						
CHATHAM	96	7/23	9	1/ 2	3/14	12	3/14	12	3/23	23	3/25	27	4/29	30	10/23	26	10/23	26	11/ 7	21	11/22	19	12/28	16	289	253	229	212	177
DANVILLE	101	7/22	16	1/ 2	1/ 2	16	3/14	17	3/14	17	3/24	28	3/24	28	11/ 7	28	11/ 7	28	12/16	24	NONE		NONE						
LYNCHBURG NO 2	97	7/23			MSG		MSG		MSG		MSG		4/29	32	10/23	26	10/23	26	11/ 7	22	11/23	20	NONE						
LYNCHBURG WSO AIRPORT	R 96	7/22	5	1/ 1	3/13	11	3/13	11	3/23	22	3/25	28	4/28	30	10/22	30	10/23	27	11/ 6	24	12/25	20	NONE						
MARTINSVILLE FILTER PL	98	7/21	9	1/ 2	3/13	12	3/13	12	3/23	23	4/ 6	28	4/28	31	10/23	27	10/23	27	11/ 7	20	11/ 7	20	NONE						
MONTICELLO	96	7/23	12	1/ 1	3/12	16	3/13	19	3/15	23	3/15	23	3/25	30	11/ 5	28	11/ 5	28	12/23	16	12/23	16	12/23	16	286	285	283	235	225
PHILPOTT DAM 2	96	7/22	13	1/ 2	3/14	16	3/14	16	3/14	16	3/25	28	4/1																

VIRGINIA
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TEMPERATURE EXTREMES AND FREEZE DATA (°F)

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES					
					16° OR BELOW		20° OR BELOW		24° OR BELOW		28° OR BELOW		32° OR BELOW		32° OR BELOW		28° OR BELOW		24° OR BELOW		20° OR BELOW		16° OR BELOW		16° OR BELOW	20° OR BELOW	24° OR BELOW	28° OR BELOW	32° OR BELOW	
					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.						
FRONT ROYAL	R	100	7/22	5	1/ 2	3/14	16	3/14	16	3/14	16	3/26	25	4/12	32	11/ 4	28	11/ 4	28	11/22	22	12/23	15	12/23	15	284	284	253	223	206
GORE 3 E		96	9/16	9	1/ 2	3/13	15	3/14	18	3/14	18	3/26	28	3/26	28	11/ 5	24	11/ 5	24	11/ 5	24	12/23	11	12/23	11	285	284	236	224	224
LINCOLN		98	9/ 8	6	12/26	1/ 2	16	3/25	20	3/26	23	4/11	28	4/28	31	10/23	30	11/ 5	19	11/ 5	19	11/ 5	19	12/23	15	355	225	224	208	178
LURAY 5 E		100	7/23	1	1/ 1	3/13	11	3/16	20	3/25	22	4/ 6	27	4/28	30	10/15	32	11/ 5	21	11/ 5	21	11/22	19	12/23	13	285	251	225	213	170
MADISON 4 ESE		101	7/23	0	1/ 2	3/14	11	3/15	20	3/25	22	4/12	28	4/28	29	10/ 2	31	10/15	28	10/23	23	11/ 5	18	11/22	14	253	235	212	186	157
MOUNT WEATHER		91	9/ 7	10	12/23	3/17	13	4/12	17	4/13	23	4/27	26	4/30	32	11/ 5	24	11/ 5	24	12/23	10	12/23	10	12/23	10	281	255	206	192	189
PIEDMONT RESEARCH STN		97	7/23	11	1/ 1	3/13	15	3/13	15	3/14	24	3/25	27	3/25	27	10/23	29	11/ 5	27	11/22	24	12/23	18	12/25	16	287	285	253	225	212
SOMERSET		97	9/ 7	8	1/ 1	3/13	13	3/13	13	3/25	23	3/25	23	4/28	30	10/23	28	10/23	28	11/ 5	23	11/22	19	12/25	12	287	254	225	212	178
SPERRYVILLE		99	9/27	7	1/ 1	3/14	15	3/14	15	3/14	15	3/25	27	3/25	27	11/ 5	26	11/ 5	26	11/22	23	12/23	16	12/23	16	284	284	253	225	225
STAR TANNERY		99	7/23	6	12/27	3/14	10	3/26	20	3/26	20	4/13	28	4/29	31	10/ 2	32	11/ 5	24	11/ 5	24	11/22	19	12/23	11	284	241	224	206	156
STERLING RCS		98	9/28	4	12/26	3/14	12	3/25	18	3/26	21	4/14	28	4/28	30	10/ 2	29	10/23	24	10/23	24	11/ 5	16	11/ 5	16	236	225	211	192	157
VIENNA		91	9/ 7	13	1/ 1	1/ 1	13	3/13	19	3/13	19	3/25	25	4/13	31	11/ 5	26	11/ 5	26	12/15	23	12/23	17	NONE		285	277	225	206	
WARRENTON 3 SE		94	8/26	9	1/ 1	3/13	16	3/13	16	3/13	16	3/25	27	3/25	27	11/ 5	29	11/22	26	12/23	16	12/23	16	12/23	16	285	285	285	242	225
WASHINGTON WSO DULLES	R	98	7/22	10	12/26	3/13	16	3/13	16	3/25	22	4/ 7	28	4/13	32	10/ 2	32	10/23	28	11/ 5	20	11/ 5	20	12/25	11	287	237	225	199	172
WASHINGTON NATL WSCMO		97	8/25	18	1/ 1	NONE		3/12	20	3/13	23	3/13	23	3/25	31	11/ 5	31	12/22	24	12/22	24	12/23	20	NONE		286	284	284	224	225
WINCHESTER WINC		99	7/23	8	1/ 2	1/ 2	8	3/13	18	3/14	21	3/25	25	3/26	29	11/ 5	28	11/ 5	28	12/23	14	12/23	14	12/23	14	355	285	284	225	224
WINCHESTER 7 SE				-1	1/ 2	3/14	14	3/25	20	3/26	22	MSG		MSG		10/23	30	11/ 5	20	11/ 5	20	11/ 5	20	12/23	12	284	225	224		
WOODSTOCK 2 NE		100	7/23	2	1/ 1	3/14	14	3/14	14	4/13	22	4/29	28	4/30	30	11/ 5	23	11/ 5	23	11/ 5	23	11/22	20	12/23	15	284	253	206	190	189
CENTRAL MOUNTAIN	05																													
BUCHANAN		100	7/21	9	1/ 1	3/13	13	3/13	13	3/24	24	3/25	25	4/13	31	11/ 5	31	11/ 6	26	11/22	20	11/22	20	NONE			254	243	226	206
BUENA VISTA						3/13	14	3/13	14	3/14	22	3/25	25	4/12	31	MSG		MSG		MSG		MSG		MSG						
COVINGTON FILTER PLANT		100	6/27	8	1/ 1	3/14	11	3/14	11	3/25	23	4/13	28	4/29	32	10/ 3	32	10/23	27	10/24	24	11/22	20	12/25	16	286	253	213	193	157
DALE ENTERPRISE		101	7/23	2	1/ 2	3/14	15	3/14	15	3/26	24	3/26	24	4/28	32	10/23	28	10/23	28	11/ 5	24	11/22	18	12/23	14	284	253	224	211	178
GATHRIGHT DAM		94	8/27	7	1/ 1	3/14	8	3/14	8	3/25	24	4/ 7	28	4/28	31	10/23	31	11/ 5	25	11/22	21	12/23	19	12/25	13	286	284	242	212	178
HOT SPRINGS		92	9/15	9	3/12	3/13	12	3/13	12	3/22	24	3/25	25	4/28	32	10/22	31	11/ 5	23	11/ 5	23	11/23	19	12/24	12	286	255	228	225	177
LEXINGTON		95	7/22	5	1/ 1	3/13	11	3/13	11	3/25	24	3/25	24	4/13	32	10/23	27	10/23	27	11/ 5	23	11/22	18	12/25	14	287	254	225	212	193
MILLGAP 2 NNW						MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
MUSTOE 1 SW		89	8/26	0	1/ 1	3/13	3	3/25	17	4/12	23	4/28	25	4/29	32	10/ 2	29	10/15	28	11/ 4	24	11/ 5	17	11/22	12	254	225	206	170	156
ROANOKE 8 N	R	101	7/22	13	3/14	3/14	13	3/14	13	3/14	13	3/25	25	4/13	31	10/23	31	10/26	24	10/26	24	11/23	20	12/26	15	287	254	226	215	193
ROANOKE WSO AIRPORT		99	7/21	15	3/13	3/13	15	3/13	15	3/13	15	3/24	28	4/28	32	11/ 6	29	11/ 7	27	11/22	24	12/25	17	NONE		287	254	228	192	
STAUNTON SEWAGE PLANT		94	7/23	12	12/31	3/14	12	3/14	12	3/14	12	3/26	26	3/26	26	10/23	32	11/ 5	26	11/22	21	12/23	16	12/23	16	284	284	253	224	211
SOUTHWESTERN MOUNTAIN		06																												
ABINGDON 3 S		97	9/14	6	1/ 2	3/14	16	3/14	16	3/23	24	4/ 6	28	4/13	32	10/23	25	10/23	25	11/22	23	12/18	20	12/25	16	286	279	244	200	193
BIG STONE GAP		97	9/15	7	1/ 2	3/14	14	3/14	14	3/15	24	3/24	26	4/12	31	10/23	25	10/23	25	11/ 6	22	12/18	19	12/25	13	286	279	236	213	194
BLACKSBURG WSO		92	9/15	8	3/14	3/14	8	3/14	8	3/24	22	4/13	27	4/29	29	10/23	27	10/23	27	11/18	24	11/22	17	12/25	12	286	253	239	193	177
BLAND		95	9/14	3	1/ 1	3/14	6	3/16	20	4/ 7	23	4/13	25	4/29	31	10/15	30	10/23	23	10/23	23	11/22	12	11/22	12	253	251	199	193	169
BURKES GARDEN		90	9/15	2	1/ 1	3/14	6	3/14	6	4/ 6	24	4/28	27	4/28	27	10/ 2	31	10/15	27	10/23	23	10/24	20	11/22	10	253	224	200	170	157
CHRISTIANSBURG		94	7/22	11	3/12	3/14	15	3/14	15	3/14	15	3/24	26	4/28	32	10/23	32	11/ 5	28	11/22	22	12/23	19	12/25	15	286	284	253	226	178
CLINTWOOD 1 W		90	9/15	5	1/ 2	3/14	8	3/16	20	3/16	20	4/13	28	4/21	32	10/15	32	10/23	25	11/ 6	24	11/22	19	12/25	10	286	251	235	193	177
FLOYD 2 NE		92	7/21	5	3/13	3/13	5	3/13	5	4/12	24	4/28	26	4/28	26	10/15	30	10/23	28	11/ 6	24	11/22	15	11/22	15	254	254	208	178	170
GALAX RADIO WBRF		92	7/21	6	1/ 1	3/14	8	3/14	8	3/25	24	4/13	28	4/29	32	10/23	27	10/23	27	11/22	18	11/22	18	12/25	14	286	253	242	193	177
GRUNDY		102	9/15	10	1/ 2	3/14	14	3/14	14	3/16	24	3/16	24	4/13	31	10/23	29													

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHRENHEIT

VIRGINIA
1998

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
VIRGINIA														
TIDEWATER 01														
BACK BAY WILDLIFE REFU	-	-	-	B 56	-	-	B 489	-	B 303	-	-	-	-	1453
COLONIAL BEACH	0	0	39	36	155	311	481	454	360	24	0	21	1881	1509
EMPORIA 1 WNW	3	0	20	23	131	313	427	405	284	32	0	3	1641	
FREDERICKSBURG SEWAGE	0	0	30	17	93	269	393	387	295	-	0	4	-	
HOLLAND 1 E	6	0	20	28	130	304	398	352	261	25	0	9	1533	1296
HOPEWELL	7	0	48	60	177	389	504	497	381	52	1	24	2140	1533
KILMARNOCK 1 N	0	0	29	16	91	-	-	-	-	-	-	-	-	
LANGLEY AIR FORCE BASE	3	0	30	30	125	297	397	409	299	32	0	10	1632	1458
MATHEWS 6 SE	0	0	24	-	113	285	392	-	296	38	0	6	-	1321
NORFOLK WSO AIRPORT R	7	0	33	37	143	338	440	440	317	39	0	12	1806	1422
PAINTER 2 W	0	0	27	22	123	295	402	370	294	31	0	6	1570	1220
STONY CREEK 1 E	1	0	26	-	-	-	-	380	315	27	0	B 11	-	1287
SUFFOLK LAKE KILBY	7	0	34	42	162	335	446	422	309	35	0	15	1807	1356
TANGIER ISLAND	0	0	3	13	145	306	472	431	360	9	0	1	1740	1474
WAKEFIELD 1 NW	3	0	34	32	132	296	412	393	280	18	0	14	1614	
WALKERTON 2 NW	3	0	41	30	133	297	423	419	305	27	0	6	1684	1239
WARSAW 2 NW	0	0	39	31	147	287	411	403	330	23	0	12	1683	1256
WEST POINT 2 NW	2	0	45	31	143	312	434	426	311	28	0	8	1740	1289
WILLIAMSBURG 2 N	3	0	45	40	155	326	424	414	289	25	0	16	1737	1302
EASTERN PIEDMONT 02														
AMELIA 4 SW	1	0	30	29	123	293	417	390	301	17	0	11	1612	
ASHLAND	2	0	37	24	110	243	346	369	285	18	0	8	1442	1137
BREMO BLUFF	2	0	37	23	143	313	433	405	300	33	-	0	-	
CAMP PICKETT	2	0	23	20	93	285	382	338	237	21	0	8	1409	
CHASE CITY	0	0	12	16	64	277	379	318	240	13	0	1	1320	1251
CORBIN	2	0	48	28	120	237	385	354	304	16	0	15	1509	1059
CROZIER	0	0	31	15	79	B 251	367	354	298	18	0	11	B1424	1094
FARMVILLE 2 N	0	0	25	15	107	287	391	362	304	14	0	7	1512	1078
GORDONSVILLE 3 S	0	0	16	9	72	214	306	302	232	11	0	5	1167	
JOHN H KERR DAM	0	0	19	25	151	344	454	393	313	26	0	8	1733	1294
LAWRENCEVILLE 3 E	2	0	28	17	105	299	403	409	264	19	0	B 9	B1555	1089
LOUISA	0	0	29	3	90	232	305	297	241	7	0	2	1206	1045
PALMYRA 1 E	0	0	34	11	99	240	350	361	276	6	0	8	1385	
RICHMOND WSO AIRPORT R	2	0	32	26	131	282	420	418	292	15	0	12	1630	1348
WESTERN PIEDMONT 03														
APPOMATTOX	B 0	0	B 24	10	107	247	326	307	285	B 11	0	4	B1321	983
BEDFORD	0	0	9	8	88	243	341	279	235	9	0	4	1216	1029
BROOKNEAL	0	0	5	9	90	263	349	312	234	11	0	0	1273	
CHARLOTTE COURT HOUSE	0	0	-	16	-	-	386	351	278	16	0	B 5	-	1085
CHARLOTTESVILLE 2 W	0	0	36	28	135	263	388	374	317	17	0	12	1570	1156
CHATHAM	0	0	8	6	85	238	330	267	203	9	0	0	1146	945
DANVILLE	1	0	10	25	150	350	464	403	315	27	0	8	1753	1381
LYNCHBURG NO 2	-	-	-	9	83	240	307	248	191	8	0	1	-	
LYNCHBURG WSO AIRPORT R	0	0	16	8	97	241	309	286	224	6	0	2	1189	1048
MARTINSVILLE FILTER PL	0	0	4	10	106	275	346	296	210	5	0	0	1252	935
MONTICELLO	0	0	31	18	114	223	331	323	B 213	15	0	3	B1271	
PHILPOTT DAM 2	0	0	11	11	113	275	370	324	250	9	0	2	1365	972
ROCKY MOUNT	0	0	10	12	98	255	316	283	220	7	0	0	1201	940
SOUTH BOSTON	0	0	13	16	94	286	396	343	270	20	0	8	1446	
STUART	0	0	6	9	111	262	360	313	244	12	0	3	1320	939
TYE RIVER 1 SE	0	0	21	15	89	230	331	268	216	10	0	3	1183	1023
NORTHERN														
BIG MEADOWS	0	-	B 0	B 1	22	43	B 75	65	B 73	B 1	B 0	B 0	-	150
BOSTON 4 SE	-	-	-	-	-	-	-	-	205	8	0	3	-	
EDINBURG	0	0	12	4	66	186	299	266	205	8	0	0	1046	
FRONT ROYAL	0	0	32	3	98	207	330	317	238	1	0	1	1227	
GORE 3 E R	0	0	29	11	72	167	264	245	186	7	0	0	981	
LINCOLN	0	0	18	9	73	172	278	280	204	7	0	0	1041	1119

Heating Degree Days data found in July issue of Climatological Data

MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHRENHEIT

VIRGINIA
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STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
LURAY 5 E	0	0	27	8	79	210	299	276	220	14	0	2	1135	686
MADISON 4 ESE	0	0	10	5	81	209	304	265	181	7	0	0	1062	
MOUNT WEATHER	0	0	8	6	66	132	245	229	184	8	0	1	879	615
PIEDMONT RESEARCH STN	0	0	25	15	114	233	356	346	270	11	0	4	1374	1023
SOMERSET	0	0	21	11	93	218	318	301	245	12	0	3	1222	
SPERRYVILLE	B 0	0	B 30	7	106	234	350	326	262	6	0	1	B1322	
STAR TANNERY	0	0	22	7	60	166	275	256	197	3	0	0	986	
STERLING RCS	1	0	16	11	72	192	298	307	209	8	0	2	1116	
VIENNA	0	0	34	16	78	182	295	307	203	9	0	3	1127	
WARRENTON 3 SE	0	0	26	10	83	184	287	311	246	8	0	5	1160	962
WASHINGTON WSO DULLES	1	0	35	3	97	204	326	358	259	3	0	3	1289	973
WASHINGTON NATL WSCMO R	0	0	27	11	132	257	438	456	322	9	0	5	1657	1549
WINCHESTER WINC	0	0	31	10	89	207	362	331	236	10	0	1	1277	
WINCHESTER 7 SE	0	0	20	7	-	184	295	272	208	9	0	2	-	823
WOODSTOCK 2 NE	0	0	18	B 0	74	210	334	306	233	12	0	0	B1187	937
CENTRAL MOUNTAIN 05														
BUCHANAN	0	0	14	12	B 197	296	379	359	282	13	0	0	B1552	1049
BUENA VISTA	0	0	11	10	106	250	332	340	B 265	-	-	-	-	
COVINGTON FILTER PLANT	0	0	0	5	91	213	268	217	151	9	0	0	954	885
DALE ENTERPRISE	0	0	6	3	70	201	282	267	188	11	0	0	1028	797
GATHRIGHT DAM	0	0	3	4	71	164	247	214	144	7	0	0	854	
HOT SPRINGS	0	0	2	0	63	153	193	174	122	0	0	0	707	528
LEXINGTON	0	0	7	10	96	236	300	B 291	212	5	0	0	B1157	956
MILLGAP 2 NNW	-	-	-	-	-	-	-	-	28	0	0	0	-	
MUSTOE 1 SW	0	0	0	0	15	75	109	105	60	0	0	0	364	
ROANOKE 8 N	0	0	10	4	88	258	347	286	236	12	0	0	1241	
ROANOKE WSO AIRPORT R	0	0	24	5	120	282	394	344	276	7	0	0	1452	1052
STAUNTON SEWAGE PLANT	0	0	16	7	67	181	248	255	201	11	0	0	986	684
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3 S	0	0	1	2	89	189	271	262	194	22	0	0	1030	
BIG STONE GAP	0	0	1	1	132	220	319	306	241	34	0	0	1254	
BLACKSBURG WSO	0	0	0	0	44	146	207	174	125	7	0	0	703	514
BLAND	0	0	0	0	39	107	160	143	91	8	0	0	548	
BURKES GARDEN	0	0	0	0	15	79	74	72	35	1	0	0	276	194
CHRISTIANSBURG	0	0	8	2	78	171	250	223	190	8	0	0	930	
CLINTWOOD 1 W	0	0	0	0	67	134	207	182	117	12	0	0	719	
FLOYD 2 NE	0	0	0	0	43	140	175	139	93	2	0	0	592	400
GALAX RADIO WBRF	0	0	0	0	49	137	179	153	107	2	0	0	627	511
GRUNDY	0	0	7	4	128	243	376	375	260	43	0	0	1436	1033
LEBANON	0	0	0	3	75	172	247	224	160	20	0	0	901	
MT LAKE BIOLOGICAL STA	B 0	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH FORK LAKE	-	-	-	B 1	-	B 186	B 295	-	B 181	-	-	B 0	-	
PENNINGTON GAP	-	-	-	2	107	223	320	286	216	31	0	0	-	768
PULASKI	0	0	0	2	50	161	223	192	148	9	0	0	785	563
RICHLANDS	0	0	B 0	B 1	62	144	224	201	143	13	0	0	B 788	
SALTVILLE 1 N	0	0	0	1	84	182	269	234	163	22	0	0	955	
STAFFORDSVILLE 3 ENE	0	0	0	3	50	163	205	177	137	11	0	0	746	647
WISE 3 E	0	0	7	0	60	159	198	191	166	17	0	0	798	565
WYTHEVILLE 1 S	0	0	0	0	50	118	174	163	105	11	0	0	621	512

Heating Degree Days data found in July issue of Climatological Data

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TOTAL EVAPORATION AND WIND MOVEMENT

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
VIRGINIA TIDEWATER HOLLAND 1 E	01	WIND	-	-	-	B 1645	1212	1154	1098	B 1303	908	904	-	-	-
		EVAP	-	-	-	B 4.94	5.36	7.01	7.95	B 7.17	B 5.57	4.10	-	-	-
		MAX TEMP	-	-	-	70.6	77.8	86.2	89.8	88.4	85.3	70.3	-	-	M -
		MIN TEMP	-	-	-	47.4	54.9	62.3	65.7	63.8	59.8	47.1	-	-	M -
EASTERN PIEDMONT JOHN H KERR DAM	02	WIND	-	-	-	1075	857	816	770	964	897	B 628	-	-	-
		EVAP	-	-	-	B 4.13	5.03	6.11	6.23	5.54	4.44	-	-	-	-
		MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
		MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN PIEDMONT PHILPOTT DAM 2	03	WIND	-	-	-	817	441	454	431	444	450	450	-	-	-
		EVAP	-	-	-	B 4.58	B 7.32	6.21	6.25	B 5.86	5.61	B 7.27	-	-	-
		MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
		MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN PIEDMONT RESEARCH STN	04	WIND	-	-	-	1566	1024	1135	1029	968	1069	965	-	-	-
		EVAP	-	-	-	B 5.23	B 5.05	6.41	7.32	6.67	6.32	B 3.92	-	-	-
		MAX TEMP	-	-	-	70.8	80.2	84.3	91.0	89.3	85.5	68.3	-	-	M -
		MIN TEMP	-	-	-	45.7	57.6	63.8	67.1	65.7	58.7	46.9	-	-	M -
CENTRAL MOUNTAIN GATHRIGHT DAM	05	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
		EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
		MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
		MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-

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STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
VIRGINIA												
ABINGDON 3 S	0021	06	WASHINGTON	36 40	81 58W	1920	31	31	0			H
ALLISONIA 2 SSE	0135	06	PULASKI	36 55	80 44W	1820	0	48	0			H
ALTAVISTA	0166	03	CAMPBELL	37 7	79 17W	510	0	54	0			C H
AMELIA 4 SW	0187	02	AMELIA	37 19	78 4W	360	31	31	0			H
APPOMATTOX	0243	03	APPOMATTOX	37 21	78 50W	910	38	61	0			H
ASHLAND	0327	02	HANOVER	37 45	77 29W	220	87	87	0			H
BACK BAY WILDLIFE REFU	0385	01	VIRGINIA BEA	36 40	75 55W	10	47	47	0			H
BEDFORD	0551	03	BEDFORD	37 21	79 31W	975	71	85	0			H
BIG MEADOWS	0720	04	MADISON	38 31	78 26W	3539	64	64	0			H
BIG STONE GAP	0735	06	WISE	36 52	82 46W	1464	10	10	0			H
BLACKSBURG WSO	0766	06	MONTGOMERY	37 12	80 24W	2010	47	47	0			H
BLAND	0792	06	BLAND	37 6	81 6W	2000	9	49	0			H
BOSTON 4 SE	0860	04	CULPEPER	38 33	78 6W	590	1	1	0			H
BREMO BLUFF	0993	02	FLUVANNA	37 43	78 17W	225	14	59	0			C H
BROOKNEAL	1082	03	CAMPBELL	37 4	78 57W	428	14	40	0			H
BUCHANAN	1121	05	BOTETOURT	37 32	79 41W	880	78	95	0			H
BUCKINGHAM	1136	02	BUCKINGHAM	37 33	78 31W	552	0	64	0			H
BUENA VISTA	1159	05	ROCKBRIDGE	37 44	79 21W	840	1	62	0			H
BURKES GARDEN	1209	06	TAZEWELL	37 5	81 20W	3300	102	104	0			H
BYLLESBY DAM	1259	06	CARROLL	36 47	80 56W	2555	0	34	0			H
CAMP PICKETT	1322	02	NOTTOWAY	37 2	77 58W	330	28	28	0			C H
CHARLOTTE COURT HOUSE	1585	03	CHARLOTTE	37 4	78 42W	590	53	53	0			H
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	38 2	78 31W	870	96	123	0			H
CHASE CITY	1606	02	MECKLENBURG	36 48	78 28W	510	52	52	0			H
CHATHAM	1614	03	PITTSYLVANIA	36 49	79 25W	640	76	76	0			C H
CHRISTIANSBURG	1692	06	MONTGOMERY	37 5	80 24W	2100	4	4	0			H
CLARKSVILLE	1746	02	MECKLENBURG	36 37	78 34W	310	0	108	0			H
CLINTWOOD 1 W	1825	06	DICKENSON	37 9	82 29W	1780	6	6	0			H
COLONIAL BEACH	1913	01	WESTMORELAND	38 15	76 58W	10	37	37	0			H
CONCORD 4 SSW	1955	03	CAMPBELL	37 17	78 58W	640	0	50	0			H
COPPER HILL	1999	06	FLOYD	37 5	80 8W	2690	0	58	0			H
CORBIN	2009	02	CAROLINE	38 12	77 22W	220	41	41	0			H
COVINGTON	2041	05	ALLEGHANY	37 48	80 0W	1250	0	62	0			H
COVINGTON FILTER PLANT	2044	05	ALLEGHANY	37 48	80 0W	1230	39	39	0			C H
CRAIGSVILLE 2 S	2064	05	AUGUSTA	38 3	79 23W	1780	0	37	0			H
CROZIER	2142	02	GOOCHLAND	37 40	77 53W	350	24	61	0			H
CULPEPER	2155	04	CULPEPER	38 28	78 0W	420	77	79	0			H
CUMBERLAND	2160	02	CUMBERLAND	37 30	78 15W	460	0	11	0			H
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56W	1400	117	119	0			C H
DANVILLE	2245	03	PITTSYLVANIA	36 35	79 23W	410	82	109	0			H
EARLEHURST	2600	05	ALLEGHANY	37 40	80 15W	2037	0	24	0			H
EDINBURG	2663	04	SHENANDOAH	38 49	78 33W	840	3	3	0			C H
EMPORIA 1 WNW	2790	01	GREENSVILLE	36 41	77 33W	100	17	69	0			H
FARMVILLE 2 N	2941	02	CUMBERLAND	37 20	78 23W	450	78	80	0			H
FLOYD 2 NE	3071	06	FLOYD	36 56	80 18W	2625	67	67	0			H
FREDERICKSBURG NATL PK	3192	01	SPOTSYLVANIA	38 19	77 27W	90	96	98	0			H
FREDERICKSBURG SEWAGE	3204	01	FREDERICKSBU	38 18	77 28W	15	5	5	0			H
FREE UNION	3213	03	ALBEMARLE	38 5	78 34W	570	0	45	0			H
FRONT ROYAL	3229	04	WARREN	38 54	78 10W	930	4	4	0			H
GALAX RADIO WBRF	3267	06	CARROLL	36 40	80 55W	2385	45	56	0			H
GATHRIGHT DAM	3310	05	ALLEGHANY	37 57	79 57W	1770	21	21	21			C H
GLASGOW 1 SE	3375	05	ROCKBRIDGE	37 37	79 26W	740	0	33	0			H
GLEN LYN	3397	06	GILES	37 22	80 52W	1520	48	86	0			H
GORDONSVILLE 3 S	3466	02	LOUISA	38 5	78 11W	460	4	39	0			H
GORE 3 E	3468	04	FREDERICK	39 17	78 22W	1140	2	2	0			H
GOSHEN	3470	05	ROCKBRIDGE	37 59	79 30W	1350	0	60	0			H

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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	
GRUNDY	3640	06	BUCHANAN	37 17	82 5W	1170	39	49	0			H
HILLSVILLE	3991	06	CARROLL	36 44	80 43W	2505	0	57	0			H
HOLCOMBS ROCK	4039	03	BEDFORD	37 30	79 16W	575	0	28	0			
HOLLAND 1 E	4044	01	SUFFOLK (CIT	36 41	76 46W	80	67	67	11			H
HOPEWELL	4101	01	PRINCE GEORG	37 18	77 18W	40	107	112	0			H
HOT SPRINGS	4128	05	BATH	38 0	79 50W	2236	102	104	0			C H
HUDDLESTON 4 SW	4148	03	BEDFORD	37 8	79 32W	1050	0	50	0			H
INDEPENDENCE 2	4234	06	GRAYSON	36 39	81 10W	2610	0	37	0			
JOHN W FLANNAGAN LAKE	4410	06	DICKENSON	37 14	82 21W	1460	0	31	0			H
JOHN H KERR DAM	4414	02	MECKLENBURG	36 36	78 17W	250	51	51	48			C H
KERRS CREEK 6 WNW	4565	05	ROCKBRIDGE	37 52	79 34W	1500	0	38	0			H
KEYSVILLE 2 S	4568	02	CHARLOTTE	37 1	78 28W	530	0	21	0			H
KILMARNOCK 1 N	4600	01	LANCASTER	37 43	76 23W	60	21	21	0			H
LAFAYETTE 1 NE	4676	06	MONTGOMERY	37 14	80 13W	1320	0	49	0			H
LANGLEY AIR FORCE BASE	4720	01	HAMPTON (CIT	37 5	76 21W	10	114	163	0			H
LAWRENCEVILLE 3 E	4768	02	BRUNSWICK	36 46	77 47W	325	54	54	0			H
LEBANON	4777	06	RUSSELL	36 55	82 3W	1710	11	11	0			H
LEXINGTON	4876	05	ROCKBRIDGE	37 47	79 26W	1060	121	128	0			H
LINCOLN	4909	04	LOUDOUN	39 8	77 43W	500	98	99	0			H
LOUISA	5050	02	LOUISA	38 2	78 0W	420	84	84	0			H
LURAY 5 E	5096	04	PAGE	38 40	78 22W	1300	58	58	0			H
LYNCHBURG NO 2	5117	03	CAMPBELL	37 23	79 14W	740	1	1	0			H
LYNCHBURG WSO AIRPORT R	5120	03	CAMPBELL	37 20	79 12W	940	128	128	0			C HJ
MADISON 4 ESE	5150	04	MADISON	38 21	78 13W	600	4	4	0			H
MARION	5271	06	SMYTH	36 49	81 31W	2100	30	30	30			
MARTINSVILLE FILTER PL	5300	03	HENRY	36 42	79 52W	760	60	68	0			H
MATHEWS 6 SE	5338	01	MATHEWS	37 24	76 16W	5	49	49	0			H
MC DOWELL 3 W	5416	05	HIGHLAND	38 21	79 32W	2400	0	10	0			H
MEADOWS OF DAN 5 SW	5453	03	PATRICK	36 40	80 27W	2225	0	50	0			H
MILLGAP 2 NNW	5595	05	HIGHLAND	38 21	79 43W	2520	1	24	0			C H
MONTEBELLO 2 NE	5685	03	NELSON	37 53	79 8W	2680	0	52	0			H
MONTEREY	5698	05	HIGHLAND	38 25	79 35W	2920	48	64	0			H
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	780	18	18	0			H
MOUNTAIN GROVE	5756	05	BATH	38 6	79 53W	1767	0	14	0			
MT LAKE BIOLOGICAL STA	5828	06	GILES	37 23	80 32W	3870	19	19	0			
MOUNT WEATHER	5851	04	LOUDOUN	39 4	77 53W	1720	95	96	0			H
MUSTOE 1 SW	5880	05	HIGHLAND	38 19	79 39W	2380	5	5	0			C H
NEWPORT 2 NNW	6046	06	GILES	37 19	80 31W	2060	0	54	0			H
NORFOLK WSO AIRPORT R	6139	01	NORFOLK	36 54	76 12W	24	54	54	0			C HJ
NORTH FORK LAKE	6173	06	WISE	37 7	82 38W	1675	1	31	0			H
PAINTER 2 W	6475	01	ACCOMACK	37 35	75 49W	30	44	44	0			C H
PALMYRA 1 E	6491	02	FLUVANNA	37 52	78 15W	410	5	43	0			H
PEDLAR DAM	6593	03	AMHERST	37 40	79 17W	1010	0	61	0			H
PENNINGTON GAP	6626	06	LEE	36 44	83 0W	1500	65	65	0			H
PHILPOTT DAM 2	6692	03	HENRY	36 47	80 2W	1123	47	47	47			C H
PIEDMONT RESEARCH STN	6712	04	ORANGE	38 13	78 7W	520	52	53	27			C H
POWHATAN	6906	02	POWHATAN	37 33	77 56W	400	0	40	0			H
PULASKI	6955	06	PULASKI	37 4	80 47W	1850	39	39	0			C H
RADFORD	6999	06		37 8	80 33W	1730	0	22	0			
RICHLANDS	7174	06	TAZEWELL	37 6	81 48W	1910	11	11	0			H
RICHMOND WSO AIRPORT R	7201	02	HENRICO	37 31	77 19W	164	62	62	0			C HJ
ROANOKE 8 N	7278	05	ROANOKE	37 21	79 58W	1190	1	1	0			H
ROANOKE WSO AIRPORT # R	7285	05	ROANOKE	37 19	79 58W	1149	65	67	0			C HJ
ROCKFISH	7312	03	NELSON	37 48	78 45W	485	0	52	0			H
ROCKY MOUNT	7338	03	FRANKLIN	36 59	79 54W	1315	106	106	0			C H
ROSELAND 1 NNW	7402	03	NELSON	37 48	78 59W	880	0	4	0	JAN		H
SALTVILLE 1 N	7506	06	SMYTH	36 53	81 46W	1733	66	68	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	
SOMERSET	7904	04	ORANGE	38 15	78 16W	510	4	32	0			H
SOUTH BOSTON	7925	03	HALIFAX	36 42	78 53W	340	44	44	0			H
SPERRYVILLE	7985	04	RAPPAHANNOCK	38 37	78 14W	750	4	4	0			H
STAFFORDSVILLE 3 ENE	8022	06	GILES	37 16	80 43W	1950	30	48	0			C H
STAR TANNERY	8046	04	FREDERICK	39 5	78 26W	950	5	5	0			C H
STAUNTON SEWAGE PLANT	8062	05	AUGUSTA	38 10	79 5W	1640	107	113	0			C H
STERLING RCS	8084	04	LOUDOUN	38 59	77 29W	280	23	23	0			H
STONY CREEK 1 E	8129	01	SUSSEX	36 57	77 24W	70	41	41	0			H
STUART	8170	03	PATRICK	36 38	80 16W	1375	40	40	0			H
SUFFOLK LAKE KILBY	8192	01	SUFFOLK (CIT	36 44	76 36W	22	53	53	0			H
TANGIER ISLAND	8323	01	ACCOMACK	37 50	76 0W	10	47	47	0			H
THE PLAINS 2 NNE	8396	04	FAUQUIER	38 54	77 45W	530	0	54	0			C H
TIMBERVILLE 3 E	8448	05	ROCKINGHAM	38 39	78 43W	1000	47	58	0			H
TROUT DALE 3 SSE	8547	06	GRAYSON	36 40	81 24W	2820	0	64	0			C H
TYE RIVER 1 SE	8600	03	NELSON	37 38	78 56W	720	37	61	0			H
VIENNA	8737	04	FAIRFAX	38 53	77 15W	418	4	51	0			H
WAKEFIELD 1 NW	8800	01	SUSSEX	36 59	77 0W	200	25	25	0			C H
WALKERTON 2 NW	8829	01	KING AND QUE	37 45	77 3W	50	66	67	0			H
WALLACETON LK DRUMMOND	8837	01	CHESAPEAKE (36 36	76 26W	30	0	73	0			H
WARRENTON 3 SE	8888	04	FAUQUIER	38 41	77 46W	500	49	49	0			H
WARSAW 2 NW	8894	01	RICHMOND	37 59	76 46W	140	49	49	0			H
WASHINGTON WSO DULLES	8903	04	LOUDOUN	38 56	77 27W	290	38	38	0			HJ
WASHINGTON NATL WSCMO R	8906	04	ARLINGTON	38 52	77 2W	10	59	59	0			C HJ
WEST AUGUSTA	8975	05	AUGUSTA	38 16	79 19W	1890	0	10	0			
WEST POINT 2 NW	9025	01	KING WILLIAM	37 34	76 48W	20	46	46	0			H
WILLIAMSBURG 2 N	9151	01	YORK	37 18	76 42W	70	49	54	0			C H
WILLIS	9169	06	FLOYD	36 55	80 31W	2835	0	20	0			C H
WINCHESTER WINC	9181	04	FREDERICK	39 11	78 9W	720	18	18	0			H
WINCHESTER 7 SE	9186	04	FREDERICK	39 11	78 7W	680	94	93	0			H
WINTERPOCK 4 W	9213	02	CHESTERFIELD	37 20	77 39W	300	0	21	0			H
WISE 3 E	9215	06	WISE	37 0	82 32W	2549	45	45	0			C H
WOODSTOCK 2 NE	9263	04	SHENANDOAH	38 54	78 28W	660	101	107	0			H
WOOLWINE 4 S	9272	03	PATRICK	36 41	80 16W	1520	0	49	0			C H
WYTHEVILLE 1 S	9301	06	WYTHE	36 56	81 6W	2450	96	126	0			C H

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

TEMPERATURE EXTREMES AND FREEZE DATA: Spring minimum dates are obtained from data for January through June; Fall dates are from July through December data. "NONE" indicates temperature threshold not reached. "MSG" indicates available data insufficient to determine date.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

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

WIND: (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.
- * Rain gage not read. Precipitation is included in the amount following asterisks. Time distribution not known.
- // Rain gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to monthly bulletins to determine date of last reading. (Hawaii stations)
- B Estimated total value for wind, evaporation, or cooling degree days.
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing.
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month(s). (See * above)
- Z Same as M but the Z has overprinted a negative sign or leading digit (e.g., Z14.6 = M-14.6, Z08.2 = M108.2)

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

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

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of "Climatological Data".

Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

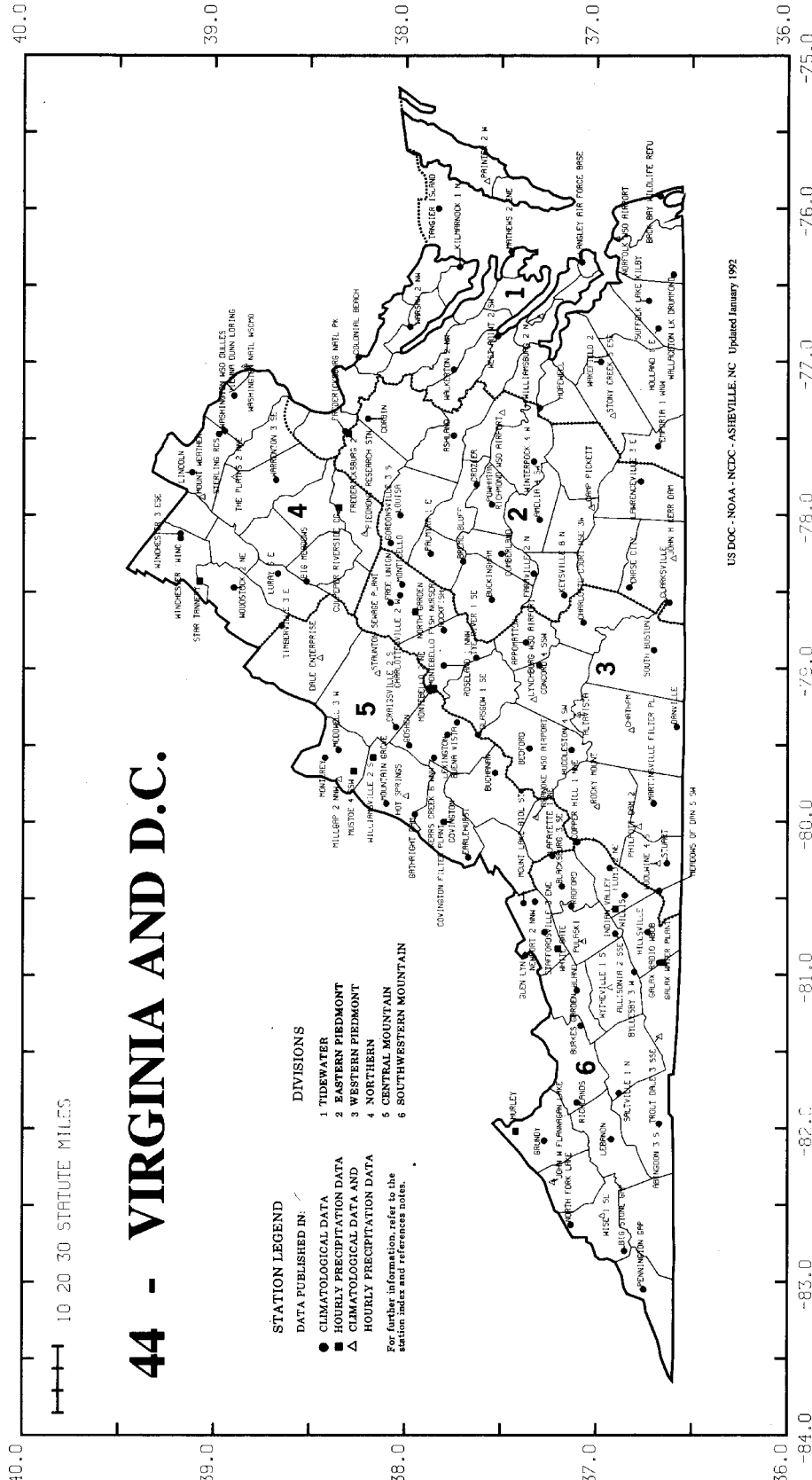
Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

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

Additional information regarding the climate of this state may be obtained by writing to the address below or to any weather service office near you. The contents of this publication may be reprinted or otherwise used freely with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

NATIONAL CLIMATIC DATA CENTER
ROOM 120
151 PATTON AVENUE
ASHEVILLE, NC 28801-5001



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 summarizes 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 the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

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