

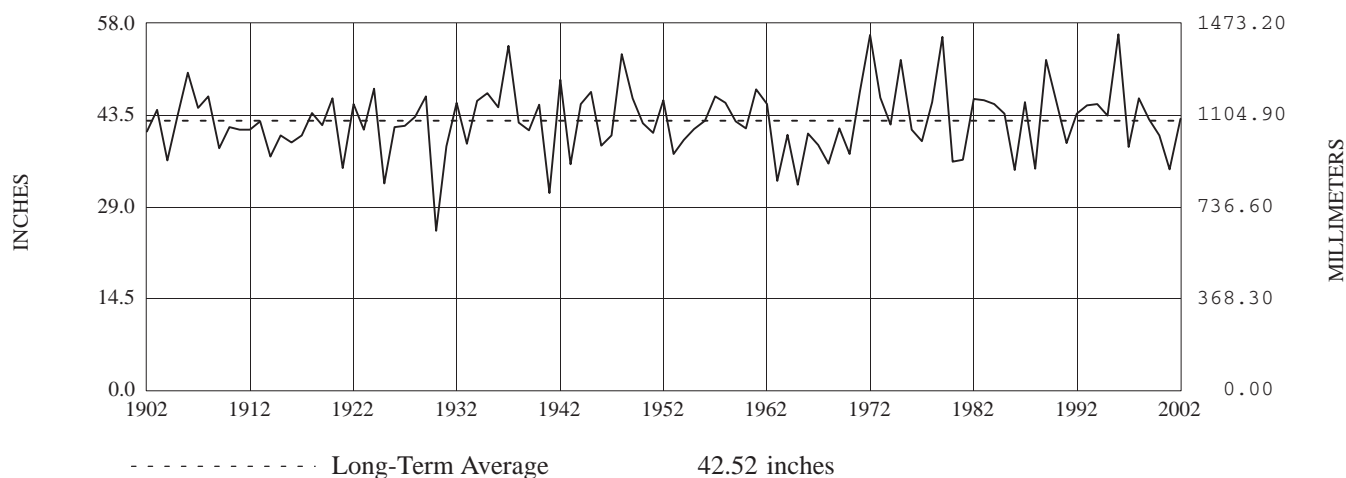
# CLIMATOLOGICAL DATA ANNUAL SUMMARY

## VIRGINIA

### 2002

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VIRGINIA PRECIPITATION, 1902-2002

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VIRGINIA  
2002

# 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	6.04	1.79	2.32	-1.10	M 8.68		5.15	2.34	3.25	-.70	M 5.78	
COLONIAL BEACH	M 1.28		.63	-2.42	3.62	-.43	3.26	.23	M 1.45		2.94	-.52
EASTVILLE	M 3.88		1.27		2.78		4.73		M 3.74		1.82	
EMPORIA 1 WNW	4.73	.77	1.03	-2.11	3.56	-.60	4.00	.66	3.68	-.20	1.36	-1.94
FREDERICKSBURG SEWAGE	M 1.54		1.00		2.82		3.49		2.15		1.90	
HAMPTON UNIVERSITY												
HOLLAND 1 E	4.88	.48	1.23	-2.17	4.14	-.25	2.92	-.48	3.98	-.09	1.66	-1.95
HOPEWELL	M 3.61		1.21	-1.93	3.95	-.33	3.60	.17	2.33	-1.72	3.73	.93
LANGLEY AIR FORCE BASE	5.48	1.40	1.73	-1.87	6.29	1.56	4.31	.96	3.43	-.60	2.60	-.84
NORFOLK INTL AP R	4.22	.29	1.38	-1.96	4.91	.83	2.40	-.98	3.50	-.24	4.28	.51
NORTH	4.17		1.15		3.10		5.49		3.94		1.42	
PAINTER 2 W	3.80	-.19	1.02	-2.27	3.63	-.81	4.83	1.72	2.25	-1.26	2.15	-.91
STONY CREEK 1 E	4.64	.38	1.02	-2.32	4.45	-.25	3.13	-.33	3.06	-1.27	2.47	-1.57
SUFFOLK LAKE KILBY	5.93	1.86	1.41	-2.16	5.69	1.28	3.57	.25	4.77	.91	1.69	-2.33
WAKEFIELD 1 NW	5.22	1.08	1.15	-1.72	5.14	.82	2.66	-.73	3.15	-1.08	1.58	-2.04
WALKERTON 2 NW	3.02	-.71	.96	-2.18	3.60	-.63	3.10	.07	2.26	-1.80	2.30	-1.28
WALLACETON LK DRUMMOND	5.85	1.01	1.35	-2.77	4.63	-.01	3.51	-.20	M 6.15		3.43	-.26
WARSAW 2 NW	2.65	-.84	.68	-2.14	3.76	-.23	4.41	1.50	3.28	-1.23	3.07	-.33
WEST POINT 2 NW	3.90	-.11	.87	-2.29	3.58	-.86	3.96	.76	3.43	-.62	2.36	-1.29
WILLIAMSBURG 2 N	3.92	-.27	1.09	-2.36	3.86	-.78	3.43	.19	3.54	-.97	1.68	-1.70
--DIVISIONAL DATA----->	4.47	.85	1.18	-2.18	4.05	.16	3.80	.81	3.28	-.61	2.29	-1.44
EASTERN PIEDMONT 02												
AMELIA 4 SW	3.28	-.53	1.08	-2.14	4.97	.70	2.37	-.95	2.98	-.92	1.81	-1.42
ASHLAND	2.82	-.92	.77	-2.46	3.39	-.85	2.92	-.34	4.56	.41	1.33	-1.96
BREMO BLUFF	1.85	-1.59	.84	-2.32	3.75	-.17	1.52	-1.61	3.80	-.31	1.95	-1.41
BUCKINGHAM	2.34	-1.32	.99	-2.21	3.84	-.04	1.89	-1.37	3.42	-1.03	1.38	-2.04
CAMP PICKETT	4.05	-.26	1.23	-1.99	4.23	-.03	1.96	-1.70	4.95	.84	1.78	-2.04
CHASE CITY	M 4.61		.99	-2.30	5.33	1.19	2.97	-.73	5.52	1.46	1.89	-1.79
CLARKSVILLE	M 3.06		1.35	-1.69	M 2.02		M 1.00		M 1.78		1.56	-2.38
CORBIN	2.34	-1.38	.66	-2.51	3.21	-1.00	3.29	.03	2.45	-1.57	2.51	-1.09
CROZIER	M 2.30		.75	-2.20	3.18	-.61	2.39	-1.02	4.11	-.17	1.38	-2.33
FARMVILLE 2 N	M 2.68		.95	-2.37	3.78	-.48	2.23	-1.12	4.02	-.24	1.19	-2.04
GORDONVILLE 3 S	M 1.83		.87	-2.13	3.26	-.71	4.36	1.17	2.22	-1.93	2.61	-1.59
JOHN H KERR DAM	4.29	.42	1.02	-1.98	3.61	-.65	1.85	-1.41	3.52	-.46	M .85	
KEYSVILLE 2 S	M 1.91		.92	-1.62	3.74	.46	2.07	-.82	4.12	.78	1.48	-.84
LAWRENCEVILLE 3 E	5.99	2.10	1.12	-2.14	4.82	.41	2.29	-.99	M 3.30		2.00	-1.48
LOUISA	1.80	-1.68	.82	-2.18	3.72	-.13	3.56	.49	2.27	-1.65	4.28	.53
PALMYRA 1 E	2.10	-1.14	.99	-1.93	3.43	-.18	M 3.32		3.03	-.86	3.76	.13
POWHATAN	3.15	-.62	.82	-2.35	4.09	.11	2.69	-.63	4.58	.76	1.90	-1.15
RICHMOND INTL AP R	3.58	.03	.82	-2.16	4.48	.39	2.33	-.85	3.49	-.47	1.56	-1.98
SANDSTON	2.35		.85		4.59		2.59		2.87		1.30	
WINTERPOCK 4 W	3.80	-.43	1.24	-2.05	4.53	.24	2.95	-.28	2.13	-1.72	1.92	-1.12
--DIVISIONAL DATA----->	3.13	-.23	.92	-2.34	3.98	.24	2.62	-.46	3.56	-.42	2.10	-1.53
WESTERN PIEDMONT 03												
APPOMATTOX	2.56	-1.02	.88	-2.35	4.52	.33	2.45	-1.13	M 2.76		1.21	-2.34
BEDFORD	M 2.04		M .82		M 3.26		1.61	-2.17	M 2.36		3.70	-.54
BROOKNEAL	2.92	-1.24	1.01	-2.28	4.03	-.10	.89	-2.63	4.66	.58	1.22	-2.03
CHARLOTTE COURT HOUSE	M		1.43	-1.81	3.38	-.78	M 2.94		4.64	.57	1.80	-1.56
CHARLOTTEVILLE 2 W	1.39	-2.32	.70	-2.60	3.92	-.13	3.04	-.30	2.39	-2.47	3.16	-1.30
CHATHAM	3.43	-.49	1.05	-2.22	3.07	-1.33	1.65	-2.08	5.60	1.53	1.18	-2.58
CONCORD 4 SSW	2.46	-1.46	1.02	-2.36	4.07	-.03	2.31	-1.13	2.92	-1.26	1.33	-2.29
DANVILLE	3.28	-.75	.84	-2.57	3.75	-.50	1.33	-2.50	7.16	3.20	2.40	-1.10
FREE UNION	M 1.12		M .76		3.87	.13	4.25	.86	M 1.32		2.93	-1.40
HUDDLESTON 4 SW	2.86	-.84	.97	-2.20	5.00	1.00	1.81	-1.75	3.62	-.36	1.44	-1.94
LYNCHBURG NO 2	2.43		.90		3.70		2.67		3.46		2.30	
LYNCHBURG WSO AIRPORT R	2.33	-1.21	1.03	-2.07	3.88	.05	1.82	-1.64	4.16	.05	.72	-3.07
MARTINSVILLE FILTER PL	2.75	-1.05	.90	-2.48	5.89	1.43	.83	-2.90	5.96	1.64	1.71	-2.24
MEADOWS OF DAN 5 SW	3.52	-1.07	1.09	-2.62	5.83	.70	2.48	-2.31	4.96	-.29	M 1.00	
MONTICELLO	M 1.32		.73	-1.67	M 2.31		3.23	.34	2.26	-1.80	3.74	.16
PEDLAR DAM	1.28	-2.29	.72	-2.37	3.63	-.30	2.24	-1.40	2.15	-2.49	1.31	-2.49
PHILPOTT DAM 2	2.36	-1.55	1.16	-2.34	5.87	1.32	.75	-3.07	3.04	-1.95	2.06	-2.40

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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.
TIDEWATER 01														
BACK BAY WILDLIFE REFU	2.04	-2.47	4.17	-1.22	7.91	3.42	11.72	8.16	M 6.14		5.38	2.32	M 68.58	
COLONIAL BEACH	M		M		M		M						M 42.99	
EASTVILLE	3.50		4.25		2.89		5.66		4.37		4.10		M 45.16	.80
EMPORIA 1 WNW	4.42	-.12	4.00	-.34	3.15	-1.06	6.00	2.54	4.22	1.24	5.01	1.96	M 34.85	
FREDERICKSBURG SEWAGE	1.56		4.10		2.15		5.43		4.77		3.94		M 44.70	
HAMPTON UNIVERSITY													M 44.96	-4.11
HOLLAND 1 E	5.53	.28	2.22	-3.07	2.96	-1.88	4.89	.97	5.46	2.34	5.09	1.71	M 45.04	
HOPEWELL	1.72	-2.78	3.93	-.30	4.07	-.66	7.37	3.80	4.54	1.25	4.98	1.83	M 50.58	2.68
LANGLEY AIR FORCE BASE	2.00	-2.86	4.46	-.28	3.10	-1.74	6.19	2.74	5.31	1.96	5.68	2.25	M 50.87	5.13
NORFOLK INTL AP	3.59	-1.58	4.27	-.52	6.69	2.63	6.55	3.08	4.92	1.94	4.16	1.13	M 46.15	
NORTH	4.35		2.78		3.21		7.88		5.46		3.20		M 42.24	-1.11
PAINTER 2 W	5.72	1.35	2.73	-1.20	2.10	-1.59	5.96	2.44	4.00	.90	4.05	.71	M 49.20	4.15
STONY CREEK 1 E	3.80	-.74	6.39	1.96	5.11	.69	M		4.72	1.60	4.90	1.98	M 52.34	3.63
SUFFOLK LAKE KILBY	5.31	.32	2.99	-2.50	3.77	-1.19	4.94	1.30	6.87	3.76	5.40	2.13	M 49.20	4.15
WAKEFIELD 1 NW	6.16	1.65	5.56	1.21	3.85	-.89	5.41	2.13	4.91	2.15	4.41	1.57	M 56.73	
WALKERTON 2 NW	2.89	-1.63	M		2.12	-1.84	M		M		M		M 38.50	-5.35
WALLACETON LK DRUMMOND	6.36	.43	4.66	-.51	4.21	-.03	5.83	1.63	6.20	2.70	4.55	.82	M 43.70	-5.34
WARSAW 2 NW	1.33	-3.32	3.01	-1.11	2.01	-2.34	6.36	2.85	4.53	1.46	3.41	.38	M 46.07	2.42
WEST POINT 2 NW	1.88	-2.60	M	1.06	3.19	-1.44	7.40	3.83	5.03	1.86	3.85	.64	M 40.51	
WILLIAMSBURG 2 N	3.43	-1.91	3.95	-1.04	3.28	-1.68	6.00	2.39	5.60	2.21	3.92	.58	M 43.70	-5.34
--DIVISIONAL DATA----->	3.48	-.95	3.92	-.46	3.62	-.19	6.52	3.37	4.98	1.88	4.48	1.18	M 46.07	2.42
EASTERN PIEDMONT 02														
AMELIA 4 SW	1.78	-2.55	4.92	.91	2.50	-1.63	6.85	2.67	4.80	1.11	4.41	1.25	M 41.75	-3.50
ASHLAND	1.89	-2.37	2.35	-1.49	2.10	-1.86	6.66	3.24	4.89	1.59	3.56	.21	M 37.24	-6.80
BREMO BLUFF	2.86	-1.21	4.56	.81	2.49	-.96	6.07	2.08	5.16	1.85	5.10	2.12	M 39.95	-2.72
BUCKINGHAM	3.04	-1.19	4.45	.46	2.24	-1.96	7.04	3.11	5.25	1.58	4.47	1.34	M 40.35	-4.67
CAMP PICKETT	1.88	-2.51	M	3.37	2.94	-1.22	7.07	3.10	4.06	.82	4.64	1.46	M 42.16	
CHASE CITY	6.25	2.16	4.89	1.18	5.50	1.29	10.05	6.17	4.21	.83	M	5.22	M 57.43	
CLARKSVILLE	2.75	-1.43	M	1.65	4.10	.14	11.55	8.08	3.97	.97	5.10	2.11	M	
CORBIN	1.40	-2.94	4.35	.65	1.90	-2.07	6.30	2.41	4.89	1.56	5.03	1.70	M 38.33	-6.21
CROZIER	4.24	.51	4.99	.91	2.79	-1.01	5.97	2.10	6.58	3.19	4.19	.97	M 42.87	
FARMVILLE 2 N	3.01	-1.18	3.32	-.54	2.29	-1.65	6.99	3.17	5.77	2.36	4.10	.90	M 40.33	
GORDONSVILLE 3 S	3.97	-.51	4.38	.47	2.59	-1.23	5.39	1.23	5.24	1.63	M	3.66	M 40.38	
JOHN H KERR DAM	1.77	-2.86	4.06	.05	3.29	-.47	8.76	5.09	3.77	.67	4.48	1.48	M 41.27	
KEYSVILLE 2 S	4.60	.92	3.04	.56	3.68	.25	9.43	6.61	4.83	2.22	M	3.71	M 43.53	
LAWRENCEVILLE 3 E	M	1.33	5.58	1.35	3.40	-1.23	5.52	1.84	3.75	.28	M	5.87	M 44.97	
LOUISA	6.18	1.73	3.92	.29	2.05	-2.00	5.92	2.04	4.68	.86	4.46	1.34	M 43.66	-.36
PALMYRA 1 E	2.40	-1.88	4.08	.10	2.11	-1.72	5.00	1.13	5.27	2.08	4.19	1.35	M 39.68	
POWHATAN	2.27	-1.98	4.14	.41	2.48	-.88	6.55	3.13	5.26	1.80	4.10	.80	M 42.03	-.60
RICHMOND INTL AP	1.63	-3.04	3.18	-1.00	2.88	-1.10	6.09	2.49	4.28	1.22	3.45	.33	M 37.77	-6.14
SANDSTON	2.42		4.41		3.54		5.73		4.67		M	4.20	M 39.52	
WINTERPOCK 4 W	1.81	-2.65	3.71	.16	2.87	-1.23	5.57	1.78	4.23	.90	3.95	.74	M 38.71	-5.66
--DIVISIONAL DATA----->	2.98	-1.22	4.21	.04	2.82	-.59	6.56	2.79	4.80	1.38	4.33	1.08	M 42.01	-1.26
WESTERN PIEDMONT 03														
APPOMATTOX	M	4.12	3.95	.18	M	2.05	6.64	2.78	M	5.58	M	4.44	M	
BEDFORD	2.84	-1.70	1.76	-1.75	2.85	-1.10	5.88	2.41	5.11	1.95	M	2.64	M	
BROOKNEAL	4.32	-.02	4.45	.62	1.59	-2.03	6.72	3.00	5.21	2.07	4.85	1.69	M 41.87	-2.37
CHARLOTTE COURT HOUSE	3.30	-.89	4.09	.37	2.49	-1.79	M	7.74	4.55	1.17	M	3.78	M	
CHARLOTTESVILLE 2 W	5.59	.65	2.46	-1.68	3.33	-1.52	5.77	1.55	5.01	1.27	3.78	.52	M 40.54	-8.33
CHATHAM	3.15	-.90	2.91	-.43	2.93	-1.59	6.00	2.33	5.49	2.23	M	3.65	M 40.11	
CONCORD 4 SSW	3.93	-.25	3.50	.28	2.62	-1.61	6.23	2.48	4.99	1.43	4.35	1.18	M 39.73	-5.02
DANVILLE	2.18	-2.26	3.55	.01	2.83	-1.25	6.60	2.89	4.12	1.05	M	4.14	M 42.18	
FREE UNION	4.93	-.15	M	.57	M	3.79	M	5.72	5.27	1.32	M	2.97	M	
HUDDLESTON 4 SW	4.14	.41	M	1.27	3.44	-.79	5.18	1.67	6.58	3.24	4.90	1.84	M 41.21	
LYNCHBURG NO 2	4.54		1.29		2.58		5.03		6.26		4.37		M 39.53	
LYNCHBURG WSO AIRPORT	4.64	.25	1.79	-1.62	2.46	-1.42	4.62	1.23	5.40	2.22	4.04	.81	M 36.89	-6.42
MARTINSVILLE FILTER PL	5.24	.82	3.40	-.10	4.10	-.17	5.81	2.34	4.17	1.12	M	4.60	M 45.36	
MEADOWS OF DAN 5 SW	6.57	1.67	3.39	-1.23	5.49	.35	4.76	.38	7.38	3.01	M	3.94	M 50.41	
MONTECELLO	5.04	-.15	M	2.60	2.81	-1.53	5.12	1.23	4.41	1.11	4.04	1.32	M 37.61	
PEDLAR DAM	4.85	.69	M	1.09	3.26	-.89	5.43	1.97	4.52	.95	3.59	.18	M 34.07	
PHILPOTT DAM 2	4.29	-.80	1.74	-2.91	3.49	-1.20	3.78	-.21	3.82	.46	M	2.03	M 34.39	

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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
ROCKY MOUNT	2.63	-1.10	1.02	-2.18	6.59	2.38	M .82		3.07	-1.25	1.51	-2.60
SOUTH BOSTON	4.19	.03	1.03	-2.31	4.13	-.01	.71	-3.21	3.65	.31	2.10	-1.91
STUART	3.41	-.62	1.27	-2.21	5.18	.59	1.03	-3.49	4.05	-.97	1.59	-2.88
TYE RIVER 1 SE	1.97	-1.78	.77	-2.49	3.92	-.13	2.33	-1.13	M 3.49		.77	-2.79
WOOLWINE 4 S	3.30	-1.29	1.29	-2.53	6.96	1.87	1.45	-3.14	3.27	-2.07	1.64	-2.97
--DIVISIONAL DATA----->	2.74	-.48	.98	-2.32	4.42	.56	1.74	-1.69	4.16	-.09	1.95	-1.71
NORTHERN 04												
BIG MEADOWS	M 1.40		.60	-2.78	M 4.62		4.58	.48	M 3.92		4.08	-1.07
BOSTON 4 SE	M .81		.47		3.37		3.43		2.02		M 6.43	
EDINBURG	.86		.31		3.07		5.63		4.22		3.19	
FRONT ROYAL	1.14		.24		3.55		5.06		3.66		M 4.01	
GORE 3 E	M		M		M		M					
LINCOLN	1.27	-2.02	.47	-2.00	3.71	.07	3.87	.39	5.85	1.40	3.29	-.92
LURAY 5 E	M .90		.31	-2.33	4.33	.95	4.11	.96	4.10	.18	3.11	-.87
MOUNT WEATHER	2.05	-1.14	.31	-2.09	M .35		M 2.00		3.12	-1.42	M 5.19	
PIEDMONT RESEARCH STN	1.16	-2.16	.97	-1.85	2.78	-.94	3.59	.37	1.94	-2.39	2.84	-1.22
SOMERSET	.98		.66		2.75		4.18		1.66		3.73	
SPERRYVILLE	1.11		.55		4.23		3.88		4.52		3.65	
STAR TANNERY	1.65		.35		3.53		4.12		5.54		4.64	
STERLING RCS	1.26	-1.99	.50	-2.21	3.65	-.02	4.03	.75	4.88	.46	3.03	-.56
THE PLAINS 2 NNE	.86	-2.58	.35	-2.38	3.53	-.15	4.52	1.12	4.22	-.17	4.65	.68
VIENNA	1.59	-1.82	.50	-2.35	3.72	-.25	4.85	1.48	2.75	-1.85	4.31	.53
WASHINGTON DULLES INTL R	1.22	-1.83	.46	-2.31	3.48	-.07	3.45	.23	4.73	.51	3.61	-.46
WASHINGTON REAGAN AP R	1.32	-1.89	.47	-2.16	3.37	-.23	3.47	.70	2.17	-1.65	3.81	.68
WINCHESTER	1.84	-.90	.14	-2.01	3.40	-.05	3.76	.88	6.30	2.65	3.04	-.61
WINCHESTER 7 SE	M 1.51		.12	-2.28	2.96	-.37	4.81	1.80	M 4.39		4.66	.56
WOODSTOCK 2 NE	1.14	-1.76	.36	-2.06	3.65	.56	5.89	3.22	4.88	1.06	3.09	-.56
--DIVISIONAL DATA----->	1.33	-1.37	.43	-2.26	3.47	.26	4.28	1.14	3.90	-.18	3.61	-.09
CENTRAL MOUNTAIN 05												
BUCHANAN	1.84	-1.63	.61	-2.44	4.01	.24	3.11	-.24	1.98	-2.13	1.54	-1.94
BUENA VISTA	1.05	-1.74	M		M		M		M		M	
COVINGTON FILTER PLANT	M 1.36		.59	-1.83	2.92	-.42	5.75	2.72	2.67	-1.43	3.21	-.05
CRAIGSVILLE 2 S	1.33	-2.09	.63	-2.09	3.78	.20	5.40	1.95	4.44	-.10	1.80	-2.31
DALE ENTERPRISE	M .71		.45	-1.69	3.20	.34	5.07	2.43	3.13	-.54	.74	-2.82
EARLEHURST	M 1.29		M .63		M 4.16		4.73	1.29	3.52	-.63	3.57	.34
GATHRIGHT DAM	1.66	-1.46	.60	-2.07	3.24	-.21	4.77	1.69	1.97	-2.08	2.69	-.73
GLASGOW 1 SE	1.75	-2.55	.70	-2.85	4.89	.34	3.26	-.84	2.38	-2.58	.83	-3.58
GOSHEN	1.32	-2.27	.45	-2.43	3.83	-.24	M 4.10		M 2.95		1.58	-2.33
HOT SPRINGS	1.81	-1.81	.64	-2.30	3.94	-.13	5.49	2.14	2.55	-1.77	2.71	-.82
KERRS CREEK 6 WNW	1.69	-1.96	.73	-2.27	3.39	-.58	M 5.02		2.97	-1.60	2.62	-1.42
LEXINGTON	M 1.43		.61	-2.16	3.58	.05	4.45	1.28	3.10	-.86	1.23	-2.85
MILLGAP 2 NNW	1.88	-1.60	.82	-2.06	4.23	.20	6.73	3.13	5.83	1.18	2.42	-1.65
MUSTOE 1 SW	1.82		.84		4.96		6.58		4.64		3.02	
ROANOKE 8 N	1.74		.68		3.95		2.60		3.02		4.58	
ROANOKE WSO AIRPORT R	1.77	-1.46	.71	-2.37	4.00	.16	1.89	-1.72	2.67	-1.57	1.40	-2.28
STAUNTON SEWAGE PLANT	1.02	-1.89	.50	-2.00	3.23	.00	4.45	1.53	2.54	-1.27	.76	-2.81
WAYNESBORO SEWAGE	.73		.53		3.61		5.04		2.11		M .64	
--DIVISIONAL DATA----->	1.53	-1.03	.63	-2.06	3.74	.51	4.66	1.60	3.02	-.85	2.21	-1.06
SOUTHWESTERN MOUNTAIN 06												
ABINGDON 3 S	4.64	.53	1.13	-2.73	6.80	2.33	2.57	-1.16	3.31	-1.62	3.23	-.88
ALLISONIA 2 SSE	2.70	-.37	.90	-1.84	5.01	1.42	1.85	-1.38	4.41	.20	1.22	-2.72
BIG STONE GAP	M 5.72		1.78	-2.56	9.73	4.78	4.64	-.01	5.77	-.06	1.81	-2.05
BLACKSBURG NWSO R	M		.62	-2.40	4.05	.22	2.83	-1.00	5.08	.69	5.27	1.34
BLAND	3.48	-.08	.62	-2.48	5.05	1.30	3.10	-.25	3.65	-.64	3.14	-.77
BREAKS INTERSTATE PARK	5.66		1.14		6.79		4.72		5.01		5.65	
BURKES GARDEN	4.89	1.00	.96	-2.46	5.75	1.59	M 2.68		4.11	-.78	3.71	-.55
BYLLESBY DAM	2.45	-1.02	.90	-2.37	4.60	.59	2.95	-.65	2.05	-2.43	M 3.60	
CHRISTIANSBURG	2.46		.75		4.45		2.49		5.10		1.47	
CLINTWOOD 1 W	5.91		1.54		6.61		3.93		4.23		3.76	
COPPER HILL	2.62	-.81	.70	-2.28	4.59	.59	1.48	-2.84	4.77	.20	4.30	-.19
FLOYD 2 NE	M 2.15		.81	-1.98	5.71	1.86	1.37	-2.39	3.33	-.76	1.32	-2.51

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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	4.56	-.31	2.61	-1.18	M 4.37		4.65	1.14	5.81	2.55	M 4.79		M 42.43	
SOUTH BOSTON	2.12	-2.23	4.13	.71	6.20	2.36	8.07	4.43	4.28	1.17	5.31	2.17	45.92	1.51
STUART	4.38	-.78	M 2.90		4.54	-.20	5.33	1.54	3.81	.23	4.78	1.20	M 42.27	
TYE RIVER 1 SE	2.73	-1.57	2.68	-.89	4.27	-.08	6.69	2.74	5.28	1.79	4.09	.70	M 38.99	
WOOLWINE 4 S	4.38	.23	2.97	-1.07	5.44	.21	6.03	1.79	5.84	1.71	5.02	1.12	47.59	-6.14
--DIVISIONAL DATA----->	3.93	-.63	2.92	-1.19	3.32	-.42	5.78	1.76	4.85	1.50	4.41	1.15	41.20	-3.56
NORTHERN 04														
BIG MEADOWS	2.92	-1.98	3.55	-.81	3.62	-2.42	M 6.71		M 4.12		M 3.31		M	
BOSTON 4 SE	M 3.41		2.12		3.49		5.87		4.66		3.52		M 39.60	
EDINBURG	2.88		1.17		4.63		4.64		3.49		2.91		37.00	
FRONT ROYAL	2.93		6.19		4.70		5.45		3.39		M 3.10		M 43.42	
GORE 3 E R														
LINCOLN	M 4.72		2.31	-1.51	4.94	.78	5.35	1.97	3.43	-.09	3.57	.46	M 42.78	
LURAY 5 E	4.28	.51	1.47	-2.04	3.33	-1.02	4.86	1.37	3.69	.20	M 1.55		M 36.04	
MOUNT WEATHER	4.78	.88	M 2.07		4.51	.21	4.88	1.21	M 2.96		M 3.78		M	
PIEDMONT RESEARCH STN	5.19	.37	2.70	-1.07	2.49	-1.37	5.62	1.69	5.02	1.31	3.22	.14	37.52	-7.12
SOMERSET	4.30		1.75		2.46		5.10		5.20		.65		33.42	
SPERRYVILLE	2.79		2.83		3.53		6.92		3.74		M 2.97		M 40.72	
STAR TANNERY	4.98		1.54		4.27		M 4.65		4.32		3.35		M 42.94	
STERLING RCS	2.98	-.45	2.40	-1.24	3.08	-.91	5.06	1.36	4.58	1.13	3.58	.53	39.03	-3.15
THE PLAINS 2 NNE	4.48	.99	M 2.34		M 2.81		4.62	1.15	M 3.20		M			
VIENNA	2.17	-2.16	3.10	-.96	2.47	-2.02	5.70	2.12	4.97	1.48	4.06	.87	40.19	-4.93
WASHINGTON DULLES INTL R	2.64	-.93	2.91	-.87	2.84	-.98	5.04	1.67	4.13	.82	3.61	.54	38.12	-3.68
WASHINGTON REAGAN AP R	2.20	-1.46	1.63	-1.81	2.10	-1.69	5.00	1.78	4.34	1.31	4.45	1.40	34.33	-5.02
WINCHESTER	5.09	2.04	2.42	-.40	3.99	.64	4.68	1.72	3.52	.33	3.00	.49	41.18	4.78
WINCHESTER 7 SE	4.24	.58	3.20	-.40	4.69	1.10	4.90	1.74	3.63	.57	3.74	1.14	M 42.85	
WOODSTOCK 2 NE	M 3.02		1.05	-2.21	4.11	.45	5.43	2.31	3.61	.76	2.98	.53	M 39.21	
--DIVISIONAL DATA----->	3.62	-.24	2.49	-1.35	3.63	.11	5.28	1.71	4.11	.63	3.28	.32	39.43	-1.32
CENTRAL MOUNTAIN 05														
BUCHANAN	4.83	.27	.99	-2.47	3.32	-.45	M 5.85		5.17	1.97	M 4.42		M 37.67	
BUENA VISTA	M		.81	-2.16	4.04	.62	5.49	2.31	4.76	1.59	3.67	.83		
COVINGTON FILTER PLANT	4.26	.60	1.45	-1.89	5.06	2.04	4.54	1.69	4.11	.98	3.47	.95	M 39.39	
CRAIGSVILLE 2 S	5.35	.68	.40	-2.96	3.64	-.16	4.65	1.17	5.33	1.98	M 2.92		M 39.67	
DALE ENTERPRISE	5.10	1.32	M 3.19		3.49	-.01	5.22	2.40	3.88	1.12	2.74	.32	M 36.92	
EARLEHURST	3.51	-.30	1.46	-1.98	4.05	.77	5.07	2.08	M 4.35		M 3.35		M	
GATHRIGHT DAM	5.60	1.97	1.08	-2.09	5.26	2.07	4.37	1.35	4.55	1.53	3.79	.91	39.58	.88
GLASGOW 1 SE	5.05	1.04	1.15	-2.33	3.89	-.69	6.70	2.82	5.18	.93	4.52	.93	40.30	-9.36
GOSHEN	5.69	1.48	.22	-3.20	M 3.60		5.79	2.25	5.09	1.37	M 2.05		M	
HOT SPRINGS	3.91	-.38	1.18	-2.23	5.24	1.54	4.45	1.12	4.82	1.22	3.76	1.01	40.50	-2.41
KERRS CREEK 6 WNW	6.31	1.95	.42	-3.21	3.76	.01	4.56	.92	8.13	4.34	M 2.68		M 42.28	
LEXINGTON	8.63	4.75	.49	-2.56	2.96	-.52	4.88	1.80	5.17	2.14	4.04	1.13	M 40.57	
MILLGAP 2 NNW	7.34	3.02	2.98	-.81	5.50	2.19	5.16	2.03	4.20	.80	4.51	1.30	51.60	7.73
MUSTOE 1 SW	5.14		1.30		5.20		4.80		4.64		4.57		47.51	
ROANOKE 8 N	4.53		4.39		3.47		5.56		4.39		3.64		42.55	
ROANOKE WSO AIRPORT R	3.09	-.91	2.21	-1.53	3.54	-.31	5.03	1.88	4.25	1.04	3.16	.30	33.72	-8.77
STAUNTON SEWAGE PLANT	4.06	.24	.62	-2.88	3.47	-.31	4.12	.75	4.81	1.86	4.01	1.52	33.59	-5.26
WAYNESBORO SEWAGE	3.41		1.29		2.86		5.19		4.76		M 2.52		M 32.69	
--DIVISIONAL DATA----->	4.99	1.07	1.57	-2.16	4.11	.73	4.90	1.20	4.58	1.41	3.76	.96	39.70	.32
SOUTHWESTERN MOUNTAIN 06														
ABINGDON 3 S	6.72	1.90	1.74	-1.88	2.87	-.75	4.87	2.13	4.50	1.17	5.08	1.01	47.46	.05
ALLISONIA 2 SSE	3.03	-.84	3.24	.00	3.51	.13	3.53	.63	4.92	2.14	M 1.98		M 36.30	
BIG STONE GAP	8.19	3.88	3.69	-.20	4.71	.76	4.33	.88	6.79	2.79	5.01	.49	M 62.17	
BLACKSBURG NWSO R	2.37	-1.80	.87	-2.81	4.47	1.08	4.73	1.54	5.24	2.28	3.81	.94		
BLAND	6.13	2.66	1.70	-1.73	4.28	1.16	4.40	1.64	3.88	1.25	4.82	1.93	44.25	3.99
BREAKS INTERSTATE PARK	3.78		3.12		3.45		4.72		4.11		3.75		51.90	
BURKES GARDEN	5.30	.92	2.34	-1.70	4.29	.82	4.69	1.58	5.42	2.28	5.39	1.98	M 49.53	
BYLLESBY DAM	4.00	-.22	2.88	-.51	M 3.78		3.64	.41	4.89	1.72	3.54	.81	M 39.28	
CHRISTIANSBURG	3.73		1.63		4.52		4.24		5.13		3.38		39.35	
CLINTWOOD 1 W	3.57		3.04		3.83		3.82		3.68		3.88		47.80	
COPPER HILL	3.40	-.79	5.36	1.45	4.13	-.52	4.51	.50	4.85	1.03	3.76	.97	44.47	-2.69
FLOYD 2 NE	2.44	-.77	2.80	-.26	4.89	1.12	4.68	1.31	5.20	1.78	M 2.31		M 37.01	

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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
GALAX RADIO WBRF	2.52	-.76	.92	-2.29	5.54	1.51	1.92	-1.79	3.81	-.81	1.92	-2.14
GLEN LYN	M 1.86		.60	-2.09	M 2.89		M 3.19		3.92	.21	2.89	-.71
GRUNDY	4.80	1.29	1.06	-2.06	5.40	1.42	4.45	.42	4.14	-.73	6.76	2.26
HILLSVILLE	2.53	-1.12	1.06	-2.16	5.79	1.72	2.52	-1.55	3.28	-1.32	2.67	-1.74
HURLEY 4 S	5.03		1.13		5.98		4.55		8.23		4.49	
JOHN W FLANNAGAN LAKE	4.50	1.09	1.45	-1.79	4.73	.78	5.33	1.70	4.30	-.28	5.75	1.33
LAFAYETTE 1 NE	1.77	-1.44	.66	-2.18	3.73	.30	M 2.78		4.62	.66	1.29	-2.22
LEBANON	4.13	1.27	1.08	-2.44	7.91	3.84	2.99	-.24	3.68	-.83	4.01	.12
NEWPORT 2 NNW	2.31	-.56	.76	-1.82	3.72	.47	5.26	1.86	3.28	-.97	2.51	-1.06
NORTH FORK LAKE	6.26	2.51	1.54	-1.93	6.13	1.83	3.96	.02	3.32	-1.69	4.07	-.52
PENNINGTON GAP	5.38	1.06	1.41	-2.87	8.68	4.27	3.44	-.67	2.67	-2.28	2.10	-2.41
PULASKI	2.72	-.21	M .84		4.94	1.60	1.84	-1.25	4.39	.39	1.44	-2.51
RICHLANDS	4.80	1.77	.29	-2.62	5.12	.80	3.03	.30	4.09	-.44	4.49	1.27
SALTVILLE 1 N	4.42	.63	M .80		8.08	3.75	2.91	-.94	2.77	-1.75	3.37	-.07
STAFFORDSVILLE 3 ENE	1.84	-1.32	.76	-2.11	3.77	.21	3.81	.34	2.96	-1.20	1.29	-2.64
TROUT DALE 3 SSE	3.86	-.01	.95	-2.61	5.28	1.08	M 3.00		3.59	-1.14	1.92	-2.47
WILLIS	2.85	-.72	M .83		M 4.98		M 1.93		3.88	-.50	2.65	-1.31
WISE 3 E	5.74	1.84	1.37	-2.37	8.78	4.39	2.90	-1.04	4.07	-.49	2.54	-1.47
WYTHEVILLE 1 S	3.14	.20	.79	-2.07	6.18	2.93	2.94	-.25	2.48	-1.79	1.55	-1.85
--DIVISIONAL DATA----->	4.29	1.24	1.05	-2.25	6.20	2.45	3.26	-.38	3.92	-.38	3.27	-.50

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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.
GALAX RADIO WBRF	5.41	1.50	3.73	.32	5.96	2.23	3.61	.07	4.92	1.43	3.62	.71	43.88	-.02
GLEN LYN	M 3.78		M .54		5.10	2.29	4.53	1.99	4.13	1.54	M 2.72		M	
GRUNDY	M		2.60	-1.33	2.71	-.75	3.89	.74	3.83	.66	2.76	-.49		
HILLSVILLE	5.05	1.22	3.01	-.40	5.60	1.83	3.73	.15	4.17	.64	3.90	.91	43.31	-1.82
HURLEY 4 S	6.18		1.76		3.70		4.14		5.01		3.54		53.74	
JOHN W FLANNAGAN LAKE	M 5.62		3.94	-.25	3.08	-.40	4.35	1.37	M 3.22		2.40	-.90	M 48.67	
LAFAYETTE 1 NE	4.85	1.14	2.06	-1.10	3.16	-.07	4.16	1.29	5.06	2.21	3.71	1.04	M 37.85	
LEBANON	4.77	.65	3.82	.11	2.55	-.33	4.08	1.93	5.60	2.72	4.17	.69	48.79	7.49
NEWPORT 2 NNW	7.94	4.31	1.57	-1.16	3.43	.34	4.52	1.44	4.30	1.54	4.15	1.61	43.75	6.00
NORTH FORK LAKE	4.95	.27	2.25	-1.77	3.85	.28	3.59	.56	3.90	.65	3.87	.35	47.69	.56
PENNINGTON GAP	5.07	.59	3.58	-.27	4.44	1.04	4.28	1.31	6.37	2.52	4.15	-.11	51.57	2.18
PULASKI	4.50	.82	1.51	-1.32	3.62	.51	4.33	1.40	4.23	1.68	4.04	1.45	M 38.40	
RICHLANDS	2.76	-1.62	M		2.93	-.94	4.91	2.83	5.48	2.77	3.46	-.24		
SALTVILLE 1 N	4.78	.07	2.07	-2.08	3.55	.39	5.03	2.52	5.69	2.65	4.98	1.12	M 48.45	
STAFFORDSVILLE 3 ENE	7.62	3.71	1.24	-2.00	3.40	.20	4.50	1.75	4.03	1.21	4.07	1.49	39.29	-.36
TROUT DALE 3 SSE	6.98	2.98	3.50	-.08	4.57	1.41	4.64	1.39	4.66	1.32	4.32	1.24	M 47.27	
WILLIS	3.81	-.16	2.55	-1.42	M 5.15		3.19	-.16	4.62	1.24	3.33	.08	M	
WISE 3 E	7.65	2.78	5.19	1.37	3.73	.15	3.73	.73	4.63	1.03	4.04	.45	54.37	7.37
WYTHEVILLE 1 S	4.15	.42	2.98	-.16	4.28	1.19	4.67	1.79	4.76	2.08	4.19	1.77	42.11	4.26
--DIVISIONAL DATA----->	4.94	.49	2.69	-.99	3.88	.40	4.35	.90	4.87	1.64	4.04	.84	46.76	3.46

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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		M		M		M		M	82.8	4.0	M		M		M		M		M		M	
COLONIAL BEACH		4.9	43.7	3.9	48.5	.6	60.8	3.2																			
EASTVILLE	42.3		43.7		49.4		60.3		65.1		75.5				78.5		72.1		62.2		50.8		39.7		60.0		
EMPORIA 1 WNW	41.4	3.7	44.0	3.6	48.7	.5	62.0	4.8	66.1	.5	75.9	2.5	80.3	2.4	79.2	3.0	72.7	2.7	62.1	3.5	48.0	-1.4	39.0	-2.2	60.0	2.0	
FREDERICKSBURG SEWAGE	39.2		40.4		46.0		58.8		64.2		75.8		79.2		79.3		70.6		58.0		45.5		35.6		57.7		
HAMPTON UNIVERSITY																											
HOLLAND 1 E	41.3	3.6	43.7	3.4	49.7	1.7	60.6	4.0	64.9	-2.2	75.1	2.2	78.4	1.3	77.3	1.9	70.8	1.0	61.3	2.6	47.5	-2.7	38.3	-3.2	59.1	1.3	
HOPEWELL	46.2	6.5	47.2	4.4	53.2	2.5	64.9	5.1	68.7	.9	78.6	3.0	82.4	2.8	81.2	3.2	74.7	2.6	63.9	2.8	51.0	-.9	41.9	-1.6	62.8	2.6	
LANGLEY AIR FORCE BASE	43.7	4.3	44.7	3.1	51.4	2.6	61.5	4.3	65.5	-.4	75.9	2.0	79.5	1.0	78.4	1.2	73.0	1.4	62.4	1.7	49.9	-1.6	40.3	-3.3	60.5	1.4	
NORFOLK INTL AP	44.6	4.5	45.7	3.7	52.2	3.2	62.7	5.3	66.7	.4	76.8	2.3	80.8	1.7	79.5	2.1	74.1	2.0	64.4	3.3	51.1	-1.2	42.3	-1.9	61.7	2.1	
NORTH	41.1		42.9		48.1		59.0		63.9		74.4		77.8		77.7		71.1		61.6		47.9		38.5		58.7		
PAINTER 2 W	43.3	4.6	44.9	4.5	50.5	2.9	61.0	4.8	65.8	.6	75.5	2.0	80.0	1.7	78.2	1.7	72.4	1.5	63.0	2.8	50.3	-1.0	40.4	-2.5	60.4	2.0	
STONY CREEK 1 E	43.1	6.0	43.0	2.8	48.8	.4	61.2	3.6	66.1	-.4	76.6	1.7	80.2	1.4	79.2	3.0	71.6	1.6	61.1	1.5	48.7	-.2	39.1	-2.8	59.9	1.3	
SUFFOLK LAKE KILBY	44.4	4.8	46.0	3.8	52.8	3.1	62.7	4.6	66.6	.0	76.8	2.6	80.4	1.9	79.3	2.5	73.8	2.5	63.9	3.5	50.3	-1.1	41.7	-1.7	61.6	2.2	
WAKEFIELD 1 NW	42.1	3.4	43.5	2.2	51.0	2.0	61.7	4.1	65.7	.1	76.1	2.5	80.0	1.4	77.9	1.7	72.0	1.2	61.1	1.5	48.6	-2.3	39.1	-2.8	59.9	1.3	
WALKERTON 2 NW	41.1	4.0	42.8	2.6	50.0	1.9	61.3	4.0	66.1	.4	75.7	2.3	79.3	1.9			72.0	2.4									
WARSAW 2 NW	43.7	6.9	44.7	4.9	50.8	3.2	61.2	4.4	65.9	.3	76.1	2.6	81.6	4.0	81.2	5.2	73.1	3.1	62.2	3.3	49.6	.0	40.0	-.9	60.8	3.1	
WEST POINT 2 NW	43.1	4.8	44.9	3.8	51.2	2.1	62.0	3.7	66.4	-.5	76.1	1.4	80.7	1.9	80.2	3.2	72.8	1.8	61.5	1.6	48.7	-2.0	39.0	-3.1	60.6	1.6	
WILLIAMSBURG 2 N	44.2	5.7	46.4	5.2	52.6	3.8	62.8	5.0	66.7	.5	76.5	2.7	80.5	2.4	79.4	2.9	72.9	2.1	63.1	3.3	49.6	-1.3	41.0	-1.5	61.3	2.6	
--DIVISIONAL DATA----->	42.7	5.5	44.2	4.6	50.3	2.4	61.4	4.8	65.9	.3	76.1	2.4	80.2	2.4	79.1	2.4	72.5	1.7	62.2	2.2	49.2	-1.8	39.8	-1.9	60.3	2.1	
EASTERN PIEDMONT 02																											
AMELIA 4 SW	42.0	7.0	42.9	5.1	47.7	1.4	60.3	5.3	64.5	.5	75.9	3.6	79.3	2.7	78.5	3.7	70.6	2.5	59.5	2.8	47.4	.0	37.8	-1.0	58.9	2.8	
ASHLAND	41.4	5.9	42.4	3.5	47.7	.5	60.0	3.5	64.5	.0	73.7	1.4	78.2	1.6	78.7	3.7	70.6	1.9	57.9	.7	46.0	-1.8	35.9	-3.3	58.1	1.5	
BREMO BLUFF	39.6	6.6	38.9	2.5	45.5	.8	58.5	3.9	64.8	1.0	75.3	3.1	78.7	2.0	78.8	3.8	69.7	1.9	57.5	1.2	44.3	-1.4	34.1	-2.7	57.1	1.9	
CAMP PICKETT	39.4	3.8	41.6	3.3	47.6	1.2	59.1	3.7	64.0	-.1	74.5	2.3	78.7	1.8	77.6	2.2	70.0	1.1	59.0	2.1	45.6	-2.0	36.5	-2.6	57.8	1.4	
CHASE CITY	38.2	2.5	40.6	2.0	45.7	-1.4	59.5	3.1	63.2	-2.0	74.0	.2	77.6	-.6	75.7	-.4	69.3	-.1	57.7	.3	44.4	-3.5	35.0	-4.0	56.7	-.3	
CORBIN	41.1	6.3	42.0	3.9	47.2	.9	59.5	3.9	63.9	-.4	74.5	2.0	79.4	2.6	79.0	3.7	70.1	1.2	58.7	1.4	45.5	-2.7	36.3	-2.9	58.1	1.7	
CROZIER	41.5	6.6	41.0	3.1	46.4	.5	59.6	4.2	63.9	-.2	75.4	3.0	78.8	1.6	78.2	2.5	70.2	1.2	59.1	2.3	45.6	-2.1	36.7	-2.2	58.0	1.7	
FARMVILLE 2 N	40.3	3.6	41.3	1.5	46.9	-.9	59.7	2.8	63.9	-1.2	75.4	2.3	78.5	1.3	78.2	2.7	70.1	1.2	58.5	.8	46.2	-2.2	36.1	-3.9	57.9	.7	
GORDONSVILLE 3 S	38.9		38.2		43.8		57.6		62.4		74.5		77.4		77.3		69.1		55.8		43.8		34.0		56.1		
JOHN H KERR DAM	40.6	2.8	42.4	2.0	48.5	.3	61.1	3.9	66.2	.4	76.9	3.0	80.7	2.3	79.1	2.2	72.4	1.8	60.7	1.7	48.0	-1.9	38.1	-3.4	59.6	1.3	
LAWRENCEVILLE 3 E	42.1	5.2	40.1	.5	47.9	.2	60.8	5.1	63.6	-.7	76.2	4.0	78.6	2.1	76.4	1.4	69.1	.4	58.5	.8	45.7	-2.9	36.5	-3.9	58.0	1.0	
LOUISA	40.3	7.4	39.5	3.1	46.4	1.7	58.4	4.3	63.6	1.2	74.3	4.0	78.0	3.6	77.4	4.7	69.5	3.3	57.5	2.7	45.4	.2	34.9	-1.4	57.1	2.9	
PALMYRA 1 E	40.8		41.3		47.4		59.1		63.3		74.8		77.7		77.5		69.8		57.2		45.0		36.4		57.5		
RICHMOND INTL AP	42.1	5.7	42.7	3.2	49.1	1.4	60.5	3.4	65.4	.0	76.0	2.5	80.2	2.3	79.3	3.0	71.8	2.0	60.0	1.7	47.7	-1.3	38.5	-1.9	59.4	1.8	
SANDSTON	40.9		42.0		47.9		60.5		65.3		76.2		79.6		79.5		71.0		59.2		46.1		36.9		58.8		
--DIVISIONAL DATA----->	40.6	5.6	41.1	3.0	47.0	-.1	59.6	3.4	64.2	-.5	75.2	2.6	78.8	2.3	78.1	2.7	70.2	1.4	58.5	1.0	45.8	-2.8	36.2	-2.9	57.9	1.3	
WESTERN PIEDMONT 03																											
APPOMATTOX	40.8	6.5	39.4	2.0	45.2	-.2	59.9	5.0	62.7	-.6	75.1	3.5	76.9	1.0	76.7	2.4	70.1	2.4	57.6	1.6	45.4	-1.3	35.0	-3.0	57.1	1.6	
BEDFORD	40.9	6.3	39.4	2.1	45.8	-.1	57.3	2.5	61.5	-1.8	72.8	1.5	76.4	.7	75.7	1.7	70.1	2.6	57.6	.8	45.9	-1.2	36.8	-1.8	56.7	1.1	
BROOKNEAL	32.1	-2.0	34.8	-1.9	39.7	-4.9	53.1	-.4	58.0	-4.6	68.9	-2.3	72.0	-3.8	71.7	-2.9	65.4	-1.9	53.5	-1.5	39.7	-5.5	30.1	-6.6	51.6	-3.2	
CHARLOTTE COURT HOUSE			40.9	2.5	45.9	-.7	59.3	3.8	65.0	1.2	74.3	2.1	78.4	1.9	76.1	.9	69.8	1.2	57.5	.6	44.2	-3.5	34.5	-4.6			
CHARLOTTESVILLE 2 W	41.8	6.3	43.0	4.3	46.9	.0	60.3	3.2	64.4	-.8	76.1	3.2	79.2	2.3	78.6	3.2	70.8	1.6	57.2	-1.1	45.6	-3.3	36.4	-2.9	58.4	1.3	
CHATHAM	37.2	2.6	39.5	2.1	43.0	-2.1	57.5	3.6	61.3	-1.3	71.9	.9	75.9	.7	74.8	1.3	68.4	1.5	57.5	2.6	44.4	-1.5	35.6	-2.3	55.6	.7	
DANVILLE	40.4	3.8	43.3	3.6	48.2	.3	61.8	4.5	66.0	-.1	76.1	1.7	80.5	1.7	79.0	1.9	71.8	1.4	60.7	2.5	47.4	-1.2	38.2	-1.9	59.5	1.5	
LYNCHBURG NO																											



VIRGINIA  
2002

# 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	
NORTHERN 04																												
BIG MEADOWS		31.7	5.9	31.4	2.8	36.5	.7	M		54.7	.2	M	64.8	2.7	M	67.2	1.1	M		48.3	.1	35.3	-3.8	M		M		
BOSTON 4 SE		39.1		38.2		43.1			56.4		61.3		72.7		75.2		75.0		67.4		54.0		42.6		35.5		55.0	
EDINBURG		36.5		36.5		42.0			54.2		59.9		71.5		74.7		74.0		67.1		53.3		42.5		31.7		53.7	
FRONT ROYAL		41.2		37.1		43.1			56.2		61.1		72.3		76.9		75.6		68.4		55.2		43.6		33.8		55.4	
GORE 3 E								M																				
LINCOLN		37.7	6.2	38.1	3.9	42.8	-1.1	55.6	3.7	60.0	-1.8	71.5	1.2	75.9	.7	75.4	1.8	66.6	.2	53.6	-1.5	42.4	-2.4	32.0	-3.8	54.3	.7	
LURAY 5 E		37.9	3.6	39.9	2.6	46.2	1.3	57.1	2.2	61.7	-1.2	71.5	1.1	76.0	1.9	74.8	2.4	69.2	2.6	55.6	-.1	44.3	-2.8	M		M		
MOUNT WEATHER		35.5	6.7	35.8	4.6	39.9	1.0	52.4	3.1	57.9	-1.2	70.9	3.3	73.4	1.3	73.3	2.5	66.0	1.9	51.2	-1.8	40.9	-2.3	28.9	-4.6	52.2	1.2	
PIEDMONT RESEARCH STN		40.0	6.9	40.8	4.7	45.0	.7	57.9	3.6	63.0	-.3	74.4	2.6	77.7	1.6	77.6	3.2	69.9	2.2	56.6	.6	44.7	-1.8	34.6	-2.6	56.9	1.8	
SOMERSET		40.2		39.3		45.0			57.1		61.7		73.4		M		76.7		68.7		55.6		44.0		33.1		M	
SPERRYVILLE		40.1		39.3		43.6			57.1		60.9		71.8		76.4		75.8		68.7		55.0		44.4		34.0		55.6	
STAR TANNERY		37.7		38.1		43.2			54.3		58.8		70.0		74.2		73.8		66.5		52.2		41.9		31.6		53.5	
STERLING RCS		36.8	6.3	37.0	3.8	42.1	.4	54.8	3.3	60.5	-.9	71.5	1.7	76.2	1.7	76.0	3.0	66.9	1.1	53.5	-.4	41.3	-2.6	31.3	-3.7	54.0	1.1	
VIENNA		38.7		39.6		44.1			56.6		61.1		71.8		75.4		75.6		67.7		54.5		43.4		33.7		55.2	
WASHINGTON DULLES INTL		39.1	7.4	38.9	4.1	45.4	2.0	56.8	3.7	61.9	-.4	72.6	1.7	77.3	1.6	78.1	3.7	69.1	1.8	55.0	.0	44.1	-1.1	33.4	-2.6	56.0	1.8	
WASHINGTON REAGAN AP		41.6	6.7	42.6	4.5	47.7	1.2	60.0	3.9	65.2	-.4	76.1	1.6	80.9	1.7	81.1	3.7	73.0	2.5	58.7	-.1	47.1	-1.6	37.2	-2.3	59.3	1.8	
WINCHESTER		39.4	8.7	39.7	5.6	44.3	2.1	56.3	3.7	61.1	-1.1	72.7	2.1	77.0	1.8	76.0	2.6	67.9	2.0	53.9	-.3	43.8	-.8	32.9	-2.4	55.4	2.0	
WINCHESTER 7 SE		37.5	7.1	37.7	4.2	42.5	.4	54.7	3.0	59.7	-1.8	71.3	1.3	75.8	1.2	74.5	1.6	66.9	1.0	53.4	-.7	42.5	-1.9	31.4	-3.7	54.0	1.0	
WOODSTOCK 2 NE		37.2	6.2	38.1	4.1	42.4	-.3	55.3	3.6	60.6	-1.1	71.6	1.5	75.9	1.4	75.5	2.4	68.5	2.6	54.1	-.5	43.0	-1.2	31.9	-3.8	54.5	1.2	
--DIVISIONAL DATA----->		38.2	7.1	38.2	4.3	43.3	-2.2	56.0	3.0	60.6	-1.8	71.8	1.2	75.7	1.0	75.8	2.4	68.1	1.4	54.1	-1.2	42.9	-2.9	32.9	-2.7	54.8	1.0	
CENTRAL MOUNTAIN 05																												
BUCHANAN		40.3	5.9	41.1	3.2	47.4	1.2	59.4	3.9	64.4	-.5	74.8	2.3	78.2	1.4	77.5	2.2	72.0	3.4	58.5	1.2	44.8	-1.7	36.5	-1.4	57.9	1.8	
BUENA VISTA		38.7		M		M		M		M		M		M		80.3		73.1		59.7		44.6		35.7		M		
COVINGTON FILTER PLANT		38.3	6.3	39.2	3.8	43.6	.0	56.8	3.8	61.0	-1.5	72.7	2.6	75.5	1.2	74.6	2.0	70.3	4.4	57.9	2.8	44.1	-.4	35.5	-.6	55.8	2.0	
DALE ENTERPRISE		36.0	5.5	37.1	3.6	41.3	-.7	54.2	3.4	59.2	-1.6	71.4	2.0	76.8	3.3	74.8	3.0	68.1	3.3	53.5	.0	41.9	-1.4	31.4	-3.5	53.8	1.4	
GATHRIGHT DAM		35.8	4.6	37.2	3.2	41.1	-1.2	54.6	2.9	59.1	-1.5	70.3	1.8	73.4	.9	72.9	1.6	68.1	3.3	55.2	1.2	41.4	-2.6	33.1	-2.1	53.5	1.0	
HOT SPRINGS		34.1	4.1	35.7	2.7	40.2	-.9	53.0	2.4	57.9	-1.6	70.0	2.7	72.7	1.3	71.9	1.7	67.1	3.7	53.3	1.0	39.8	-2.6	31.6	-2.0	52.3	1.0	
LEXINGTON		38.2	5.7	38.9	3.5	43.3	-1.0	56.9	3.8	58.7	-3.8	M		M		80.0	6.9	72.0	5.9	59.3	4.6	46.0	1.8	35.8	-.4	M		
MILLGAP 2 NNW		31.8		30.6		37.4		49.9		55.2		65.3		69.4		67.7		63.4		49.7		36.5		28.3		M	48.8	
MUSTOE 1 SW		32.9		32.4		38.5		50.0		55.4		65.4		69.5		67.6		63.4		50.6		38.0		29.4		M	49.4	
ROANOKE 8 N		40.0		40.5		45.3		57.7		62.0		73.4		76.2		76.2		70.0		57.6		45.2		36.4		M	56.7	
ROANOKE WSO AIRPORT		42.0	6.2	40.9	1.8	48.2	1.0	58.8	2.7	64.0	-.1	74.5	2.6	78.0	1.8	77.0	2.3	70.7	3.0	57.6	1.0	46.3	-1.0	37.7	-1.4	58.0	1.7	
STAUNTON SEWAGE PLANT		37.7	7.0	38.3	4.7	42.8	1.1	55.3	4.5	59.9	.1	72.0	4.1	74.9	2.8	74.5	4.0	67.8	3.9	53.7	1.6	42.9	-.2	33.1	-1.3	54.4	2.7	
WAYNESBORO SEWAGE		38.1		38.2		42.9			54.8		59.9		72.1		74.9		74.0		67.2		54.8		43.0		33.2		54.4	
--DIVISIONAL DATA----->		37.2	5.5	37.5	2.7	42.7	-1.5	55.1	1.9	59.7	-2.3	71.1	1.7	74.5	1.3	74.5	2.4	68.7	3.2	55.5	.9	42.7	-2.4	33.7	-2.1	54.4	.9	
SOUTHWESTERN MOUNTAIN 06																												
ABINGDON 3 S		34.4	1.9	37.4	1.1	43.0	-1.6	56.8	3.9	60.1	-1.3	70.9	1.9	73.4	.6	73.2	1.7	69.4	4.0	57.7	3.7	40.3	-4.4	34.1	-1.9	54.2	.8	
BIG STONE GAP		36.4	2.8	38.2	.8	46.0	.4	57.3	3.8	61.0	-1.8	M	73.0	2.8	76.1	1.8	75.5	1.6	71.3	4.0	60.1	4.7	42.6	-3.2	36.1	-.9	M	56.1
BLACKSBURG NWSO				35.6	2.1	40.4	-1.0	53.4	3.4	58.3	-.6	69.1	2.2	72.5	1.4	72.1	2.5	67.2	4.2	54.1	2.4	40.7	-2.1	32.6	-1.5	M		
BLAND		35.0	4.7	33.8	.5	40.4	.1	53.0	4.2	56.5	-1.4	67.6	2.0	71.3	1.6	69.7	1.3	67.1	5.0	54.1	3.1	40.7	-1.3	32.6	-1.3	51.8	1.5	
BREAKS INTERSTATE PARK		34.9		37.3		43.0			57.1		59.4		70.3		73.8		73.3		68.5		56.9		41.0		34.1		54.1	
BURKES GARDEN		32.2	3.4	31.2	.1	38.8	-.3	51.9	5.1	54.6	-1.4	64.9	1.4	69.1	1.8	67.3	1.7	64.1	4.6	52.5	3.9	38.0	-2.1	30.4	-1.9	49.6	1.4	
CHRISTIANSBURG		37.2		37.5		43.1		55.6		59.3		70.4		73.7		73.2		67.9		54.6		41.9		33.3		54.0		
CLINTWOOD 1 W		33.4		35.3		42.2		55.4		58.2		68.6		72.9		71.3		66.4		56.8		40.0		32.8		52.8		
FLOYD 2 NE		36.4	6.4	34.6	1.7	42.6	2.2	53.4	4.7	58.6	.8	67.6	2.3	70.9	1.4	69.6	1.7	64.7	3.2	54.4	3.4	41.1	-.3	33.3	-.3	52.3	2.3	
GALAX RADIO WBRF		35.6	5.2	35.9	2.7	40.5	-.3	53.9	4.8	58.3	-.1	68.1	2.4	71.6	1.7	70.6	2.3	66.3	4.3	54.6	3.7	40.9	-.8	33.5	-.3	52.5	2.1	
GRUNDY		35.9	1.5	38.2	.3	43.2	-2.7	57.3	3.1	60.3	-2.6	70.0	-.8	M		73.3	-.9	68.5	.4	58.8	2.7	42.7						

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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
WISE 3 E	37.4	4.7	37.2	.8	46.8	2.1	56.6	3.5	59.2	-1.6	70.0	2.2	72.4	1.0	71.4	1.2	67.6	3.1	56.3	1.7	41.7	-3.5	35.7	-.9	54.4	1.2
WYTHEVILLE 1 S	34.5	3.6	34.4	.6	39.7	-1.9	53.7	3.9	57.0	-1.9	68.6	2.2	72.0	1.2	70.9	1.5	67.1	3.8	54.6	2.7	40.5	-2.0	33.1	-1.1	52.2	1.1
--DIVISIONAL DATA----->	35.3	3.6	36.0	1.3	42.3	-1.8	55.3	3.0	58.7	-1.9	69.5	1.8	73.0	1.9	72.0	1.7	67.9	3.7	56.3	2.8	41.0	-3.4	33.7	-1.9	53.4	.9

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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																													
BACK BAY WILDLIFE REFU					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
COLONIAL BEACH					3/ 5	12	3/ 5	12	3/ 5	12	3/24	28	MSG		MSG		MSG		MSG		MSG		MSG						
EASTVILLE			22	12/ 4	NONE		NONE		NONE		3/23	27	3/23	27	11/29	27	11/29	27	12/ 4	22	NONE		NONE				251	251	
EMPORIA 1 WNW	102	8/24	16	1/ 6	1/ 6	16	3/ 6	18	3/23	22	3/28	26	4/ 7	30	11/ 2	32	11/28	24	11/28	24	12/ 4	20	NONE			273	250	245	209
FREDERICKSBURG SEWAGE	100	8/15	12	12/ 7	3/ 5	15	3/ 6	18	3/23	22	4/ 8	28	4/ 8	28	11/ 1	31	11/19	28	11/28	21	11/29	20	12/ 4	14	274	268	250	225	207
HAMPTON UNIVERSITY					MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG						
HOLLAND 1 E	100	8/25	15	1/ 5	3/ 5	16	3/23	18	4/ 7	24	4/ 7	24	4/ 8	31	11/ 1	31	11/19	27	11/28	24	11/29	20	12/ 4	16	274	251	235	226	207
HOPEWELL	101	8/23	19	12/ 4	NONE		3/ 5	19	3/23	23	3/23	23	3/23	23	11/ 2	32	11/29	25	12/ 4	19	12/ 4	19	NONE			274	256	251	224
LANGLEY AIR FORCE BASE	97	8/24	21	12/ 7	NONE		NONE		3/ 5	23	3/23	25	3/23	25	12/ 1	30	12/ 2	28	12/ 4	23	NONE		NONE				274	254	253
NORFOLK INTL AP	R 98	8/13	23	12/ 7	NONE		NONE		1/ 6	24	3/23	25	3/23	25	11/28	27	11/28	27	12/ 7	23	NONE		NONE				335	250	250
NORTH	96	8/24	19	3/ 6	NONE		3/ 6	19	3/23	23	3/23	23	4/ 8	31	11/19	30	11/29	26	12/ 4	20	12/ 4	20	NONE			273	256	251	225
PAINTER 2 W	99	7/ 4	19	12/ 7	NONE		1/ 5	19	3/23	23	3/23	23	3/23	23	11/19	31	11/29	24	11/29	24	12/ 7	19	NONE			336	251	251	241
STONY CREEK 1 E					3/ 1	16	3/ 1	16	4/ 7	22	4/ 7	22	4/24	32	MSG		MSG		MSG		MSG		MSG						
SUFFOLK LAKE KILBY	101	7/ 4	22	3/ 5	NONE		NONE		3/ 5	22	3/23	27	4/ 7	32	11/28	29	11/29	28	12/ 3	24	NONE		NONE				273	251	235
WAKEFIELD 1 NW	102	7/ 4	13	3/ 5	3/ 5	13	3/23	18	4/ 7	23	4/ 7	23	4/ 7	32	11/ 1	32	11/19	28	11/28	22	11/29	20	12/ 4	15	274	251	235	226	191
WALKERTON 2 NW					3/23	14	4/ 7	19	4/ 7	19	4/ 7	19	4/24	29	MSG		MSG		MSG		MSG		MSG						
WARSAW 2 NW	102	8/13	14	12/ 4	3/ 5	15	3/ 5	15	3/23	21	4/ 7	26	4/ 7	26	11/ 1	32	11/28	27	11/29	24	12/ 4	14	12/ 4	14	274	274	251	235	208
WEST POINT 2 NW	103	8/23	14	12/ 4	3/ 5	14	3/23	19	3/23	19	4/ 7	25	4/ 7	25	11/ 1	30	11/19	28	11/28	21	11/29	20	12/ 4	14	274	251	250	226	208
WILLIAMSBURG 2 N	99	8/13	19	12/ 4	NONE		3/ 5	20	3/23	23	3/23	23	4/ 7	29	11/ 2	32	11/29	25	12/ 4	19	12/ 4	19	NONE			274	256	251	209
EASTERN PIEDMONT 02																													
AMELIA 4 SW	101	8/24	12	12/ 7	3/ 5	14	3/ 5	14	3/23	24	4/ 7	25	4/ 7	25	11/ 2	31	11/28	19	11/28	19	11/28	19	12/ 4	15	274	268	250	235	209
ASHLAND	100	8/23	12	12/ 4	3/ 5	13	3/23	19	4/ 7	24	4/ 7	24	4/ 7	24	11/ 1	30	11/ 2	27	11/28	19	11/28	19	12/ 4	12	274	250	235	209	208
BREMO BLUFF	103	8/23	3	12/ 7	3/23	16	4/ 7	19	4/ 7	19	4/24	28	5/22	29	10/18	29	11/ 1	27	11/ 2	23	11/28	15	11/28	15	250	235	209	191	149
CAMP PICKETT	100	8/24	11	1/ 4	3/ 5	13	3/23	20	4/ 8	24	4/ 8	24	4/24	31	11/ 1	31	11/ 2	28	11/28	19	11/28	19	12/ 4	15	274	250	234	208	191
CHASE CITY	100	8/24	7	1/ 5	3/23	15	3/23	15	4/ 7	23	4/ 8	25	4/ 8	25	11/ 1	26	11/ 1	26	11/ 8	23	11/28	17	12/ 4	12	256	250	215	207	207
CORBIN	99	8/15	11	3/ 5	3/ 5	11	3/23	20	3/23	20	4/ 7	25	5/22	30	11/ 1	29	11/ 2	27	11/28	21	11/29	19	12/ 4	13	274	251	250	209	163
CROZIER	102	8/24	10	12/ 7	3/ 6	14	3/ 6	14	4/ 7	22	4/ 7	22	5/23	32	11/ 1	31	11/ 2	27	11/28	18	11/28	18	12/ 4	12	273	267	235	209	162
FARMVILLE 2 N	103	8/24	10	12/ 7	3/ 5	13	3/ 5	13	3/24	21	4/ 8	25	4/ 8	25	11/ 1	31	11/19	28	11/28	18	11/28	18	12/ 4	15	274	268	249	225	207
GORDONSVILLE 3 S	100	8/13	4	12/ 7	3/ 5	10	3/23	19	4/ 7	21	4/ 7	21	5/23	31	10/18	31	11/ 2	27	11/28	17	11/28	17	11/29	16	269	250	235	209	148
JOHN H KERR DAM	103	8/24	13	1/ 4	3/ 5	16	3/ 5	16	4/ 7	24	4/ 8	28	4/ 8	28	11/19	29	11/28	19	11/28	19	11/28	19	12/ 7	16	277	268	235	234	225
LAWRENCEVILLE 3 E	103	7/ 3	12	12/ 7	3/ 5	16	3/23	17	4/ 7	23	4/ 7	23	5/23	31	10/17	31	10/31	28	11/28	16	11/28	16	11/28	16	268	250	235	207	147
LOUISA	101	8/23	8	12/ 7	3/ 5	9	4/ 7	19	4/ 7	19	5/22	28	5/22	28	10/18	32	11/ 1	28	11/28	15	11/28	15	11/28	15	268	235	235	163	149
PALMYRA 1 E	102	8/13	8	12/ 7	3/ 5	14	3/ 5	14	4/ 7	21	4/ 7	21	5/23	30	11/ 1	31	11/ 2	27	11/28	17	11/28	17	12/ 4	10	274	268	235	209	162
RICHMOND INTL AP	R 101	8/23	14	3/ 5	3/ 5	14	3/ 5	14	3/23	21	3/23	21	4/ 7	29	11/ 2	30	11/28	24	11/28	24	12/ 3	18	NONE			273	250	250	209
SANDSTON	101	8/24	16	12/ 7	3/ 5	16	3/ 6	19	3/24	22	4/ 8	28	4/ 8	28	11/ 2	29	11/19	28	11/28	23	12/ 4	16	12/ 4	16	274	273	249	225	208
WESTERN PIEDMONT 03																													
APPOMATTOX	97	8/24	13	12/10	3/ 5	14	3/ 5	14	3/24	24	4/ 7	28	5/23	32	11/ 1	32	11/ 8	27	11/28	20	11/28	20	12/ 3	16	273	268	249	215	162
BEDFORD	96	8/24	14	1/ 2	3/ 1	16	3/ 5	18	3/24	23	4/ 7	25	4/ 7	25	11/ 2	31	11/19	28	11/28	24	12/ 4	19	NONE			274	249	226	209
BROOKNEAL	95	8/24	4	12/ 8	3/ 6	10	4/ 8	20	4/ 8	20	5/22	28	5/24	30	10/18	27	10/18	27	11/ 1	24	11/28	13	11/28	13	267	234	207	149	147
CHARLOTTE COURT HOUSE	98	8/24			3/ 5	14	3/23	20	4/ 7	24	4/ 7	24	4/ 7	24	11/ 1	31	11/23	27	11/28	21	12/ 4	16	12/ 4	16	274	256	235	230	208
CHARLOTTESVILLE 2 W	102	8/24	10	12/ 7	3/ 5	16	3/ 5	16	3/22	24	3/23	25	4/ 7	30	11/ 2	30	11/28	26	12/ 4	16	12/ 4	16	12/ 4	16	274	274	257	250	209
CHATHAM	98	8/24	8	12/ 8	3/ 6	10	3/24	17	4/ 7	21	4/ 7	21	5/23	32	10/18	32	11/ 2	26	11/28	17	11/28	17	11/29	16	268	249	235	209	148
DANVILLE	100	8/24	13	1/ 5	3/ 6	16	3/ 6	16	3/24	23	3/24	23	4/ 8	30	11/ 1	32	11/28	24											

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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						
EDINBURG	98	8/24	-1	12/ 7	3/ 6	14	4/ 7	19	4/ 7	19	4/24	28	5/23	31	10/15	32	11/ 2	27	11/28	22	12/ 4	9	12/ 4	9	273	241	235	192	145	
FRONT ROYAL	98	8/ 3	8	12/ 8	3/ 5	16	3/ 5	16	4/ 7	23	4/ 7	23	5/22	31	10/31	32	11/27	27	11/28	24	12/ 4	11	12/ 4	11	274	274	235	234	162	
GORE 3 E	R				MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG		MSG							
LINCOLN		97	8/16	-1	12/ 7	3/ 6	13	4/ 7	20	4/ 7	20	4/ 7	20	5/22	30	10/15	32	11/ 3	28	11/28	19	11/28	19	12/ 4	11	273	235	235	210	146
LURAY 5 E		97	8/24			3/23	16	4/ 7	20	4/ 7	20	5/22	28	5/22	28	10/18	30	11/ 2	24	11/ 2	24	11/28	18	MSG						
MOUNT WEATHER	91	7/ 5	1	12/ 7	3/22	15	3/23	17	3/23	17	4/ 7	27	5/ 4	32	10/30	32	11/ 3	27	11/28	21	12/ 3	14	12/ 3	14	256	255	250	210	179	
PIEDMONT RESEARCH STN	97	8/24	9	12/ 7	3/ 5	11	3/23	20	3/23	20	4/ 7	26	4/ 7	26	11/ 2	30	11/19	28	11/28	18	11/28	18	12/ 4	13	274	250	250	226	209	
SOMERSET			3	12/ 7	3/ 5	11	3/11	20	4/ 7	22	4/ 7	22	5/22	29	10/18	32	11/ 2	28	11/28	17	11/28	17	12/ 4	9	274	262	235	209	149	
SPERRYVILLE	100	8/24	9	12/ 8	3/ 5	11	3/24	20	4/ 7	23	5/20	28	5/20	28	11/ 2	28	11/ 2	28	11/28	20	11/28	20	12/ 4	11	274	249	235	166	166	
STAR TANNERY	99	8/15	4	12/ 8	3/ 5	6	4/ 7	19	4/ 7	19	4/24	28	5/20	32	10/15	31	11/ 2	28	11/19	24	12/ 2	19	12/ 4	8	274	239	226	192	148	
STERLING RCS	100	8/ 3	-4	12/ 7	3/23	14	4/ 7	19	4/ 7	19	4/ 7	19	5/22	29	10/15	31	10/18	27	11/ 2	23	11/28	18	12/ 2	16	254	235	209	194	146	
VIENNA	93	8/15	12	12/ 7	3/ 5	15	3/ 6	19	3/23	22	4/ 7	26	4/ 7	26	11/ 1	31	11/28	24	11/28	24	12/ 4	14	12/ 4	14	274	273	250	235	208	
WASHINGTON DULLES INTL	99	8/ 4	1	12/ 7	3/ 5	11	3/23	19	4/ 7	22	4/ 7	22	5/22	31	10/18	32	11/ 3	28	11/28	21	12/ 3	18	12/ 4	12	274	255	235	210	149	
WASHINGTON REAGAN AP	R	100	8/13	18	12/ 7	NONE	3/ 5	19	3/22	24	3/23	26	4/ 7	32	11/27	31	11/28	27	12/ 3	23	12/ 4	19	NONE							
WINCHESTER	97	7/ 5	12	12/ 7	3/ 5	13	3/22	20	3/23	21	4/ 7	25	4/ 7	25	11/ 2	32	11/28	23	11/28	23	12/ 3	19	12/ 4	13	274	256	250	235	209	
WINCHESTER 7 SE	98	8/ 3	-1	12/ 7	3/ 6	13	4/ 7	18	4/ 7	18	4/24	28	5/22	30	10/15	32	11/ 2	28	11/28	19	11/28	19	12/ 4	8	273	235	235	192	146	
WOODSTOCK 2 NE	98	8/15	6	12/ 8	3/ 5	9	3/23	19	4/ 7	22	4/ 7	22	5/23	32	11/ 1	30	11/ 2	27	11/28	24	12/ 4	10	12/ 4	10	274	256	235	209	162	
CENTRAL MOUNTAIN	05																													
BUCHANAN	99	8/ 3	8	12/ 7	3/ 5	13	3/ 5	13	4/ 7	23	4/ 7	23	4/ 7	23	11/ 1	31	11/ 2	28	11/28	20	11/28	20	12/ 7	8	277	268	235	209	208	
BUENA VISTA					MSG		MSG		MSG		MSG		MSG		11/ 1	29	11/ 2	24	11/ 2	24	11/28	18	12/ 4	15						
COVINGTON FILTER PLANT	96	8/24	10	1/ 3	3/ 5	13	3/23	19	4/ 7	24	4/ 7	24	5/22	32	11/ 1	32	11/28	24	11/28	24	12/ 2	20	12/ 7	11	277	254	235	235	163	
DALE ENTERPRISE	99	8/24	3	12/ 7	3/ 5	9	3/25	19	4/ 7	21	5/22	28	5/23	32	10/18	32	11/ 2	25	11/28	18	11/28	18	12/ 4	11	274	248	235	164	148	
GATHRIGHT DAM	92	9/11	9	3/ 5	3/23	16	3/23	16	4/ 7	22	4/ 7	22	5/22	31	11/ 1	31	11/ 3	28	11/28	22	12/ 2	19	12/ 4	16	256	254	235	210	163	
HOT SPRINGS	93	6/26	8	1/ 2	3/23	16	3/23	16	4/ 7	22	5/22	28	5/23	29	10/17	32	11/ 2	26	11/28	19	11/28	19	12/ 4	13	256	250	235	164	147	
LEXINGTON			6	12/ 7	3/ 5	11	3/23	19	4/ 7	22	4/ 7	22	MSG		11/ 1	32	11/ 2	28	11/28	21	12/ 2	20	12/ 4	16	274	254	235	209		
MILLGAP 2 NNW	90	8/ 3	-2	12/ 7	4/ 7	15	4/ 7	15	5/22	23	5/23	25	5/24	32	10/ 8	32	11/ 2	24	11/ 2	24	11/28	15	11/28	15	235	235	164	163	137	
MUSTOE 1 SW	89	9/10	-4	12/ 7	4/ 7	14	4/ 7	14	5/22	23	5/22	23	5/23	29	10/15	32	10/18	28	11/ 2	24	11/28	14	11/28	14	235	235	164	149	145	
ROANOKE 8 N	96	8/14	14	12/ 8	3/ 5	15	3/23	20	3/23	20	4/ 7	26	4/ 7	26	11/ 2	31	11/19	25	12/ 4	21	12/ 7	14	12/ 7	14	277	259	256	226	209	
ROANOKE WSO AIRPORT	R	98	6/24	14	1/ 2	2/ 5	16	3/22	20	3/22	20	4/ 7	26	4/ 7	26	11/19	28	11/19	28	11/28	24	12/ 7	17	NONE						
STAUNTON SEWAGE PLANT	96	7/10	5	12/ 7	3/ 5	14	3/22	17	4/ 7	23	4/ 7	23	5/22	30	11/ 1	31	11/ 2	28	11/28	20	11/28	20	12/ 4	11	274	251	235	209	163	
WAYNESBORO SEWAGE	95	6/26	3	12/ 8	3/ 6	14	3/23	20	4/ 7	22	4/24	25	5/23	29	10/18	32	11/ 1	28	11/28	17	11/28	17	12/ 4	12	273	250	235	191	148	
SOUTHWESTERN MOUNTAIN	06																													
ABINGDON 3 S	92	9/10	7	1/ 2	3/ 5	14	3/24	17	3/28	23	4/ 6	27	5/22	31	11/ 2	26	11/ 2	26	11/28	20	11/28	20	12/ 7	14	277	249	245	210	164	
BIG STONE GAP	94	9/10	10	1/ 5	3/ 5	15	3/23	19	3/24	24	4/ 7	27	5/22	32	11/ 2	26	11/ 2	26	11/28	23	11/29	18	12/ 7	16	277	251	249	209	164	
BLACKSBURG NWSO	93	8/ 4			3/23	16	4/ 7	19	4/ 7	19	5/22	28	5/23	30	10/18	31	11/ 8	26	11/28	19	11/28	19	12/ 7	11	259	235	235	170	148	
BLAND	90	8/14	4	12/ 7	3/23	14	4/ 7	18	4/ 7	18	5/23	25	5/23	25	10/18	32	11/ 2	28	11/28	22	12/ 1	20	12/ 7	4	259	238	235	163	148	
BREAKS INTERSTATE PARK	92	8/ 4	10	1/ 3	3/23	15	3/24	20	4/ 7	24	4/ 7	24	5/23	31	11/ 2	28	11/ 2	28	11/18	22	11/29	20	12/ 7	15	259	250	225	209	163	
BURKES GARDEN	86	8/14	5	1/ 2	3/23	11	4/ 7	17	5/22	23	5/23	27	5/23	27	10/14	32	11/ 2	24	11/ 2	24	11/28	17	12/ 1	15	253	235	164	163	144	
CHRISTIANSBURG	92	8/24	12	1/ 2	3/23	16	3/23	16	4/ 7	24	4/ 7	24	5/23	32	11/ 2	28	11/ 2	28	11/28	20	11/28	20	12/ 7	15	259	250	235	209	163	
CLINTWOOD 1 W	89	8/ 6	8	12/ 7	3/ 5	10	3/24	17	4/ 7	22	4/ 7	22	5/23	31	11/ 2	25	11/ 2	25	11/22	24	11/29	17	12/ 2	16	272	250	229	209	163	
FLOYD 2 NE	91	8/ 6	7	1/ 2	3/22	14	4/ 7	19	4/ 7	19	5/23	28	5/23	28	10/18	32	10/18	28	11/ 8	24	11/28	19	12/ 7	13	260	235	215	148	148	
GALAX RADIO WBRF	89	8/24	7	12/ 7	3/23	13	3/23	13	4/ 7	21	5/22	28	5/23	31	10/18	30	11/ 3	28	11/28	19	11/28	19	12/ 2	16	254	250	235	165	148	
GRUNDY			9	3/ 4	3/ 5	14	3/24	19	4/ 7	24	4/ 7	24	5/19	30	11/ 2	28	11/ 2	28	11/29	21										

**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
VIRGINIA														
TIDEWATER 01							B 561	-	-	-	-	-	-	1506
BACK BAY WILDLIFE REFU	-	-	-	-	-	-	-	-	-	-	-	-	-	1527
COLONIAL BEACH	0	0	1	B 77	-	-	-	-	-	-	-	-	-	-
EASTVILLE	0	0	0	68	106	331	-	426	225	77	8	0	-	-
EMPORIA 1 WNW	1	0	4	90	139	338	481	448	238	74	6	0	1819	1298
FREDERICKSBURG SEWAGE	2	0	3	72	101	330	448	453	179	50	1	0	1639	-
HAMPTON UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLAND 1 E	0	0	2	85	114	317	423	386	184	59	8	0	1578	1210
HOPEWELL	7	1	12	130	186	414	546	510	296	102	9	0	2213	1619
LANGLEY AIR FORCE BASE	5	1	7	87	118	343	456	423	247	79	6	0	1772	1432
NORFOLK INTL AP R	5	1	8	97	134	365	495	454	276	100	9	0	1944	1612
NORTH	0	0	0	66	91	298	405	400	191	65	6	0	1522	-
PAINTER 2 W	0	0	3	79	127	330	474	415	229	91	5	0	1753	1334
STONY CREEK 1 E	1	0	B 0	88	133	362	478	445	204	-	6	-	-	1409
SUFFOLK LAKE KILBY	4	3	7	97	135	361	486	451	270	94	9	0	1917	1427
WAKEFIELD 1 NW	6	4	11	106	137	345	474	409	218	69	7	0	1786	1356
WALKERTON 2 NW	2	0	10	94	129	330	453	-	220	-	-	-	-	1254
WARSAW 2 NW	6	0	5	93	132	339	520	509	250	99	7	0	1960	1282
WEST POINT 2 NW	2	1	10	93	135	344	492	479	241	78	7	0	1882	1446
WILLIAMSBURG 2 N	6	4	10	107	139	356	487	451	243	90	7	0	1900	1364
EASTERN PIEDMONT 02														
AMELIA 4 SW	1	0	2	76	110	339	454	426	178	64	2	0	1652	1125
ASHLAND	2	0	2	74	95	270	416	434	177	53	2	0	1525	1131
BREMO BLUFF	0	0	0	58	115	318	433	431	168	48	0	0	1571	1111
CAMP PICKETT	0	0	1	70	102	300	432	398	159	56	1	0	1519	1158
CHASE CITY	0	0	1	66	85	287	398	343	144	45	0	0	1369	1316
CORBIN	1	0	8	81	97	295	454	441	166	57	0	0	1600	1155
CROZIER	1	0	2	68	104	322	434	417	170	50	1	0	1569	1193
FARMVILLE 2 N	0	0	0	72	98	323	429	420	167	55	0	0	1564	1218
GORDONSVILLE 3 S	0	0	1	58	73	294	394	393	143	31	0	0	1387	-
JOHN H KERR DAM	0	0	2	88	147	371	496	444	230	75	3	0	1856	1383
LAWRENCEVILLE 3 E	1	0	4	74	108	351	427	361	136	58	0	0	1520	1127
LOUISA	2	0	2	67	88	291	411	389	156	47	0	0	1453	854
PALMYRA 1 E	4	0	4	62	88	297	399	395	167	43	0	0	1459	-
RICHMOND INTL AP R	3	0	6	83	122	340	478	451	213	67	1	0	1764	1435
SANDSTON	0	0	3	86	128	351	459	454	191	52	2	0	1726	-
WESTERN PIEDMONT 03														
APPOMATTOX	0	0	0	63	77	312	374	B 370	163	55	0	0	B1414	1052
BEDFORD	2	B 0	1	51	66	245	362	340	163	40	0	0	B1270	1021
BROOKNEAL	0	0	0	17	16	147	231	231	60	16	0	0	718	1015
CHARLOTTE COURT HOUSE	-	0	1	63	111	291	419	353	156	49	0	0	-	1146
CHARLOTTESVILLE 2 W	1	0	3	80	101	339	448	432	189	49	0	0	1642	1212
CHATHAM	0	0	0	40	61	225	349	313	123	45	0	0	1156	971
DANVILLE	0	0	3	82	133	338	488	443	210	77	1	0	1775	1418
LYNCHBURG NO 2	0	0	0	45	54	225	323	324	137	35	0	0	1143	-
LYNCHBURG WSO AIRPORT R	0	0	0	47	83	257	370	350	161	46	0	0	1314	1075
MARTINSVILLE FILTER PL	0	0	0	45	87	280	395	296	129	37	0	0	1269	921
MONTICELLO	6	0	0	63	76	277	373	355	129	37	0	0	1316	991
PHILPOTT DAM 2	0	0	0	60	94	295	407	375	183	46	0	0	1460	1112
ROCKY MOUNT	1	0	0	40	70	256	365	337	140	36	0	0	1245	984
SOUTH BOSTON	0	0	0	61	77	275	422	388	174	61	0	0	1458	1159
STUART	0	0	0	56	81	260	374	336	170	45	0	0	1322	967
TYE RIVER 1 SE	3	0	3	61	91	297	414	402	173	40	0	0	1484	976
NORTHERN 04														
BIG MEADOWS	0	0	0	-	3	B 63	B 116	-	-	2	0	-	-	180
BOSTON 4 SE	1	0	3	49	66	236	325	323	111	24	0	0	1138	-
EDINBURG	0	0	0	32	44	203	313	296	106	20	0	0	1014	-
FRONT ROYAL	0	0	1	50	59	226	378	343	134	42	0	0	1233	-
GORE 3 E R	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Heating Degree Days data found in July issue of Climatological Data

# MONTHLY AND SEASONAL COOLING DEGREE DAYS

## BASE = 65 DEGREES FAHRENHEIT

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STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
LINCOLN	0	0	0	46	42	211	344	336	94	22	0	0	1095	911
LURAY 5 E	0	0	4	42	59	208	351	317	152	33	2	-	-	862
MOUNT WEATHER	0	0	0	36	27	188	275	279	88	24	0	0	917	625
PIEDMONT RESEARCH STN	1	0	1	64	77	295	403	403	164	42	0	0	1450	1042
SOMERSET	2	0	3	51	64	266	-	377	140	36	0	0	-	-
SPERRYVILLE	1	0	0	46	51	218	363	345	135	26	0	0	1185	-
STAR TANNERY	0	0	3	40	20	174	295	296	97	19	0	0	944	-
STERLING RCS	0	0	0	43	51	206	357	356	100	22	0	0	1135	824
VIENNA	0	0	1	60	54	213	333	342	113	31	0	0	1147	-
WASHINGTON DULLES INTL R	0	0	0	55	73	237	386	414	147	35	0	0	1347	1075
WASHINGTON REAGAN AP R	0	0	1	82	117	340	500	507	248	66	0	0	1861	1531
WINCHESTER	0	0	2	54	51	239	381	350	126	26	0	0	1229	907
WINCHESTER 7 SE	0	0	2	39	44	204	343	310	100	25	0	0	1067	855
WOODSTOCK 2 NE	0	0	0	38	51	207	348	338	135	26	0	0	1143	848
CENTRAL MOUNTAIN 05														
BUCHANAN	0	0	0	57	101	301	418	396	217	50	0	0	1540	1172
BUENA VISTA	0	-	-	-	-	-	-	483	253	58	0	0	-	-
COVINGTON FILTER PLANT	0	0	0	37	59	237	334	302	170	35	0	0	1174	846
DALE ENTERPRISE	0	0	0	32	39	204	377	316	133	18	0	0	1119	758
GATHRIGHT DAM	0	0	0	28	39	178	269	252	124	20	0	0	910	679
HOT SPRINGS	0	0	0	21	31	169	249	223	102	13	0	0	808	579
LEXINGTON	0	0	0	44	23	-	-	473	221	51	2	0	-	881
MILLGAP 2 NNW	0	0	0	0	2	64	158	114	38	1	0	0	377	-
MUSTOE 1 SW	0	0	0	0	14	68	160	118	38	3	0	0	401	-
ROANOKE 8 N	0	0	0	46	65	259	356	354	167	39	0	0	1286	-
ROANOKE WSO AIRPORT R	3	0	0	53	105	292	409	378	187	44	1	0	1472	1134
STAUNTON SEWAGE PLANT	0	0	0	37	45	226	317	311	128	22	0	0	1086	622
WAYNESBORO SEWAGE	0	0	0	27	50	230	319	294	105	22	0	0	1047	-
SOUTHWESTERN														
MOUNTAIN 06														
ABINGDON 3 S	0	0	0	30	41	192	268	258	147	33	0	0	969	736
BIG STONE GAP	0	0	0	39	56	B 252	356	333	198	48	0	0	B1282	937
BLACKSBURG NWSO R	-	0	0	17	22	147	242	232	101	14	0	0	-	533
BLAND	0	0	0	11	9	111	206	167	91	10	0	0	605	400
BREAKS INTERSTATE PARK	0	0	0	42	38	177	278	266	136	27	0	0	964	-
BURKES GARDEN	0	0	0	6	0	58	146	107	41	5	0	0	363	225
CHRISTIANSBURG	0	0	0	31	41	176	282	268	115	21	0	0	934	-
CLINTWOOD 1 W	0	0	0	27	23	134	248	204	91	23	0	0	750	-
FLOYD 2 NE	0	0	0	11	22	117	193	177	53	10	0	0	583	369
GALAX RADIO WBRF	0	0	0	15	21	118	218	186	74	14	0	0	646	410
GRUNDY	0	0	0	41	40	163	-	265	129	44	0	0	-	1035
JOHN W FLANNAGAN LAKE	-	-	-	35	B 34	-	B 308	B 262	-	33	-	-	-	-
LEBANON	0	0	0	32	33	181	277	251	140	30	2	0	946	631
NORTH FORK LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNINGTON GAP	0	0	0	36	45	221	334	308	176	44	0	0	1164	828
PULASKI	0	0	0	22	20	143	239	217	100	18	0	0	759	574
RICHLANDS	0	0	0	23	25	158	266	-	135	22	0	0	-	622
SALTVILLE 1 N	0	0	0	31	30	180	292	272	160	41	0	0	1006	734
STAFFORDSVILLE 3 ENE	0	0	0	18	12	143	240	215	107	17	0	0	752	564
WISE 3 E	0	0	0	34	25	169	237	205	112	23	0	0	805	605
WYTHEVILLE 1 S	0	0	0	12	12	136	226	200	91	13	0	0	690	503

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 1593	1572	1467	996	947	947	983	-	-	-
		EVAP	-	-	-	B 5.80	7.34	8.52	B 7.95	B 7.52	4.91	B 3.14	-	-	-
		MAX TEMP	-	-	-	82.7	87.7	95.4	95.8	92.6	86.4	75.8	-	-	M -
		MIN TEMP	-	-	-	57.6	62.1	70.2	72.9	70.2	65.3	58.1	-	-	M -
EASTERN PIEDMONT JOHN H KERR DAM	02	WIND	-	-	-	-	995	994	771	1013	742	858	-	-	-
		EVAP	-	-	-	-	6.48	7.23	6.28	6.31	4.31	B 2.56	-	-	-
		MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
		MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN PIEDMONT PHILPOTT DAM 2	03	WIND	-	-	-	B 769	644	465	355	432	300	B 361	-	-	-
		EVAP	-	-	-	2.96	3.52	4.00	3.69	3.70	2.27	1.45	-	-	-
		MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
		MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN PIEDMONT RESEARCH STN	04	WIND	-	-	-	1812	1555	B 1205	1230	1264	1220	1194	1459	-	-
		EVAP	-	-	-	5.41	6.39	7.93	7.59	7.65	B 5.08	2.61	B 2.69	-	-
		MAX TEMP	-	-	-	72.8	79.0	90.1	90.3	90.6	82.1	66.0	M 52.8	-	M -
		MIN TEMP	-	-	-	49.0	53.4	65.0	68.5	67.7	61.7	49.9	M 38.4	-	M -
CENTRAL MOUNTAIN GATHRIGHT DAM	05	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
		EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
		MAX TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-
		MIN TEMP	-	-	-	-	-	-	-	-	-	-	-	-	-



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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	
VIRGINIA												
ABINGDON 3 S	0021	06	WASHINGTON	36 40	81 58W	1920	35	35	0			H
ALLISONIA 2 SSE	0135	06	PULASKI	36 55	80 44W	1820	0	52	0			H
AMELIA 4 SW	0187	02	AMELIA	37 19	78 4W	360	35	35	0			H
APPOMATTOX	0243	03	APPOMATTOX	37 21	78 50W	910	42	65	0			H
ASHLAND	0327	02	HANOVER	37 45	77 29W	220	91	91	0			H
BACK BAY WILDLIFE REFU	0385	01	VIRGINIA BEA	36 40	75 55W	10	51	51	0			H
BEDFORD	0551	03	BEDFORD	37 21	79 31W	975	75	89	0			H
BIG MEADOWS	0720	04	MADISON	38 32	78 26W	3540	68	68	0			H
BIG STONE GAP	0735	06	WISE	36 52	82 46W	1464	14	14	0			H
BLACKSBURG NWSO R	0766	06	MONTGOMERY	37 12	80 25W	2100	51	51	0			H
BLAND	0792	06	BLAND	37 6	81 7W	2000	13	53	0			H
BOSTON 4 SE	0860	04	CULPEPER	38 33	78 6W	590	5	5	0			H
BREAKS INTERSTATE PARK	0982	06	DICKENSON	37 17	82 18W	1893	4	4	0			H
BREMO BLUFF	0993	02	FLUVANNA	37 43	78 17W	225	18	63	0			C H
BROOKNEAL	1082	03	CAMPBELL	37 4	78 57W	428	18	44	0			H
BUCHANAN	1121	05	BOTETOURT	37 32	79 41W	880	82	99	0			H
BUCKINGHAM	1136	02	BUCKINGHAM	37 33	78 31W	552	0	68	0			H
BUENA VISTA	1159	05	ROCKBRIDGE	37 44	79 22W	830	4	65	0			H
BURKES GARDEN	1209	06	TAZEWELL	37 6	81 20W	3300	106	108	0			H
BYLLESBY DAM	1259	06	CARROLL	36 47	80 56W	2555	0	38	0			H
CAMP PICKETT	1322	02	NOTTOWAY	37 2	77 57W	330	32	32	0			C H
CHARLOTTE COURT HOUSE	1585	03	CHARLOTTE	37 2	78 23W	590	56	56	0			H
CHARLOTTESVILLE 2 W	1593	03	ALBEMARLE	38 2	78 31W	870	100	127	0			H
CHASE CITY	1606	02	MECKLENBURG	36 48	78 28W	510	56	56	0			H
CHATHAM	1614	03	PITTSYLVANIA	36 49	79 25W	640	80	80	0			C H
CHRISTIANSBURG	1692	06	MONTGOMERY	37 8	80 24W	2100	8	8	0			H
CLARKSVILLE	1746	02	MECKLENBURG	36 37	78 34W	310	0	112	0			H
CLINTWOOD 1 W	1825	06	DICKENSON	37 9	82 29W	1780	10	10	0			H
COLONIAL BEACH	1913	01	WESTMORELAND	38 15	76 58W	10	41	41	0			H
CONCORD 4 SSW	1955	03	CAMPBELL	37 17	78 58W	640	0	54	0			H
COPPER HILL	1999	06	FLOYD	37 5	80 9W	2690	0	62	0			H
CORBIN	2009	02	CAROLINE	38 12	77 22W	220	45	45	0			H
COVINGTON FILTER PLANT	2044	05	ALLEGHANY	37 49	79 59W	1230	43	43	0			C H
CRAIGSVILLE 2 S	2064	05	AUGUSTA	38 4	79 24W	1780	0	41	0			H
CROZIER	2142	02	GOOCHLAND	37 40	77 53W	350	28	65	0			H
DALE ENTERPRISE	2208	05	ROCKINGHAM	38 27	78 56W	1400	121	123	0			C H
DANVILLE	2245	03	PITTSYLVANIA	36 35	79 23W	410	86	113	0			H
EARLEHURST	2600	05	ALLEGHANY	37 40	80 15W	2037	0	28	0			H
EASTVILLE	2635	01	NORTHAMPTON	37 23	75 59W	10	2	2	0			H
EDINBURG	2663	04	SHENANDOAH	38 49	78 34W	840	7	7	0			H
EMPORIA 1 WNW	2790	01	GREENSVILLE	36 42	77 34W	100	21	73	0			H
FARMVILLE 2 N	2941	02	CUMBERLAND	37 20	78 23W	450	82	84	0			H
FLOYD 2 NE	3071	06	FLOYD	36 56	80 17W	2625	71	71	0			H
FREDERICKSBURG SEWAGE	3204	01	FREDERICKSBU	38 17	77 27W	15	9	9	0			H
FREE UNION	3213	03	ALBEMARLE	38 6	78 35W	570	0	49	0			H
FRONT ROYAL	3229	04	WARREN	38 54	78 11W	930	8	8	0			H
GALAX RADIO WBRF	3267	06	CARROLL	36 40	80 55W	2385	49	60	0			H
GATHRIGHT DAM	3310	05	ALLEGHANY	37 57	79 57W	1770	25	25	25			C H
GLASGOW 1 SE	3375	05	ROCKBRIDGE	37 37	79 26W	740	0	37	0			H
GLEN LYN	3397	06	GILES	37 22	80 52W	1520	48	90	0			H
GORDONSVILLE 3 S	3466	02	LOUISA	38 5	78 11W	460	8	43	0			H
GORE 3 E R	3468	04	FREDERICK	39 17	78 22W	1140	6	6	0		APR	H
GOSHEN	3470	05	ROCKBRIDGE	37 59	79 30W	1350	0	64	0			H
GRUNDY	3640	06	BUCHANAN	37 17	82 5W	1170	43	53	0			H
HAMPTON UNIVERSITY	3713	01	HAMPTON	37 1	76 20W	10	1	1	0	NOV		H
HILLSVILLE	3991	06	CARROLL	36 46	80 44W	2505	0	61	0			H



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2002

# 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	
HOLLAND 1 E	4044	01	SUFFOLK	36 41	76 46W	80	71	71	15			H
HOPEWELL	4101	01	PRINCE GEORG	37 18	77 17W	40	111	116	0			H
HOT SPRINGS	4128	05	BATH	38 0	79 50W	2236	106	108	0			C H
HUDDLESTON 4 SW	4148	03	BEDFORD	37 8	79 32W	1045	0	54	0			H
HURLEY 4 S	4180	06	BUCHANAN	37 22	82 3W	1088	0	4	0			C H
JOHN W FLANNAGAN LAKE	4410	06	DICKENSON	37 14	82 21W	1460	4	35	0			H
JOHN H KERR DAM	4414	02	MECKLENBURG	36 36	78 18W	250	55	55	52			C H
KERRS CREEK 6 WNW	4565	05	ROCKBRIDGE	37 52	79 34W	1500	0	42	0			H
KEYSVILLE 2 S	4568	02	CHARLOTTE	37 1	78 28W	530	0	25	0			H
LAFAYETTE 1 NE	4676	06	MONTGOMERY	37 14	80 12W	1320	0	53	0			H
LANGLEY AIR FORCE BASE	4720	01	HAMPTON	37 5	76 21W	10	118	167	0			H
LAWRENCEVILLE 3 E	4768	02	BRUNSWICK	36 46	77 48W	325	58	58	0			H
LEBANON	4777	06	RUSSELL	36 55	82 3W	1710	15	15	0			H
LEXINGTON	4876	05	ROCKBRIDGE	37 48	79 25W	1125	125	132	0			H
LINCOLN	4909	04	LOUDOUN	39 5	77 42W	500	102	103	0			H
LOUISA	5050	02	LOUISA	38 3	78 0W	420	88	88	0			H
LURAY 5 E	5096	04	PAGE	38 40	78 22W	1400	62	62	0			H
LYNCHBURG NO 2	5117	03	CAMPBELL	37 23	79 14W	740	5	5	0			H
LYNCHBURG WSO AIRPORT	5120	03	CAMPBELL	37 20	79 12W	940	132	132	0			C HJ
MARTINSVILLE FILTER PL	5300	03	HENRY	36 42	79 52W	760	64	72	0			H
MEADOWS OF DAN 5 SW	5453	03	PATRICK	36 40	80 27W	2225	0	54	0			H
MILLGAP 2 NNW	5595	05	HIGHLAND	38 21	79 44W	2520	5	28	0			C H
MONTICELLO	5700	03	ALBEMARLE	38 1	78 27W	780	22	22	0			H
MOUNT WEATHER	5851	04	LOUDOUN	39 4	77 53W	1720	99	100	0			H
MUSTOE 1 SW	5880	05	HIGHLAND	38 19	79 39W	2380	9	9	0			C H
NEWPORT 2 NNW	6046	06	GILES	37 18	80 30W	2060	0	58	0			H
NORFOLK INTL AP	6139	01	NORFOLK	36 54	76 12W	30	58	58	0			C HJ
NORTH	6161	01	MATHEWS	37 26	76 26W	10	1	1	0			H
NORTH FORK LAKE	6173	06	WISE	37 7	82 38W	1675	5	35	0			H
PAINTER 2 W	6475	01	ACCOMACK	37 35	75 49W	30	48	48	0			C H
PALMYRA 1 E	6491	02	FLUVANNA	37 52	78 15W	410	9	47	0			H
PEDLAR DAM	6593	03	AMHERST	37 40	79 17W	1010	0	65	0			H
PENNINGTON GAP	6626	06	LEE	36 44	83 0W	1470	69	69	0			H
PHILPOTT DAM 2	6692	03	HENRY	36 47	80 2W	1123	51	51	51			C H
PIEDMONT RESEARCH STN	6712	04	ORANGE	38 14	78 7W	520	56	57	31			C H
POWHATAN	6906	02	POWHATAN	37 33	77 56W	400	0	44	0			H
PULASKI	6955	06	PULASKI	37 3	80 47W	1850	43	43	0			C H
RICHLANDS	7174	06	TAZEWELL	37 6	81 48W	1910	15	15	0			H
RICHMOND INTL AP	7201	02	HENRICO	37 30	77 19W	164	66	66	0			C HJ
ROANOKE 8 N	7278	05	ROANOKE	37 22	79 58W	1190	5	5	0			H
ROANOKE WSO AIRPORT	7285	05	ROANOKE	37 19	79 58W	1149	69	71	0			C HJ
ROCKY MOUNT	7338	03	FRANKLIN	36 59	79 54W	1315	110	110	0			C H
SALTVILLE 1 N	7506	06	SMYTH	36 53	81 46W	1733	70	72	0			H
SANDSTON	7541	02	HENRICO	37 33	77 17W	165	1	1	0			H
SOMERSET	7904	04	ORANGE	38 15	78 16W	510	8	36	0			H
SOUTH BOSTON	7925	03	HALIFAX	36 42	78 53W	340	48	48	0			H
SPERRYVILLE	7985	04	RAPPAHANNOCK	38 39	78 14W	750	8	8	0			H
STAFFORDSVILLE 3 ENE	8022	06	GILES	37 16	80 43W	1950	34	52	0			C H
STAR TANNERY	8046	04	FREDERICK	39 5	78 27W	950	9	9	0			C H
STAUNTON SEWAGE PLANT	8062	05	AUGUSTA	38 11	79 5W	1640	111	117	0			C H
STERLING RCS	8084	04	LOUDOUN	38 59	77 29W	280	27	27	0			H
STONY CREEK 1 E	8129	01	SUSSEX	36 57	77 24W	70	44	44	0			H
STUART	8170	03	PATRICK	36 38	80 15W	1375	44	44	0			H
SUFFOLK LAKE KILBY	8192	01	SUFFOLK	36 44	76 36W	22	57	57	0			H
THE PLAINS 2 NNE	8396	04	FAUQUIER	38 54	77 45W	530	0	58	0			C H
TROUT DALE 3 SSE	8547	06	GRAYSON	36 40	81 24W	2820	0	68	0			C H
TYE RIVER 1 SE	8600	03	NELSON	37 38	78 56W	720	41	65	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	
VIENNA	8737	04	FAIRFAX	38 54	77 16W	418	8	55	0			H
WAKEFIELD 1 NW	8800	01	SUSSEX	36 59	77 0W	200	29	29	0			C H
WALKERTON 2 NW	8829	01	KING AND QUE	37 45	77 3W	50	70	71	0			H
WALLACETON LK DRUMMOND	8837	01	CHESAPEAKE	36 36	76 26W	20	0	77	0			H
WARSAW 2 NW	8894	01	RICHMOND	37 59	76 47W	140	53	53	0			H
WASHINGTON DULLES INTL R	8903	04	LOUDOUN	38 56	77 29W	290	42	42	0			C HJ
WASHINGTON REAGAN AP R	8906	04	ARLINGTON	38 52	77 2W	10	63	63	0			C HJ
WAYNESBORO SEWAGE	8941	05	WAYNESBORO	38 5	78 53W	1280	3	3	0			H
WEST POINT 2 NW	9025	01	KING WILLIAM	37 34	76 48W	20	50	50	0			H
WILLIAMSBURG 2 N	9151	01	YORK	37 18	76 42W	70	53	58	0			C H
WILLIS	9169	06	FLOYD	36 55	80 30W	2810	0	24	0			C H
WINCHESTER	9181	04	FREDERICK	39 11	78 9W	720	22	22	0			H
WINCHESTER 7 SE	9186	04	FREDERICK	39 11	78 7W	680	98	97	0			H
WINTERPOCK 4 W	9213	02	CHESTERFIELD	37 19	77 39W	300	0	25	0			H
WISE 3 E	9215	06	WISE	37 0	82 32W	2549	49	49	0			C H
WOODSTOCK 2 NE	9263	04	SHENANDOAH	38 54	78 29W	680	105	111	0			H
WOOLWINE 4 S	9272	03	PATRICK	36 47	80 16W	1520	0	53	0			C H
WYTHEVILLE 1 S	9301	06	WYTHE	36 56	81 6W	2450	100	130	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.

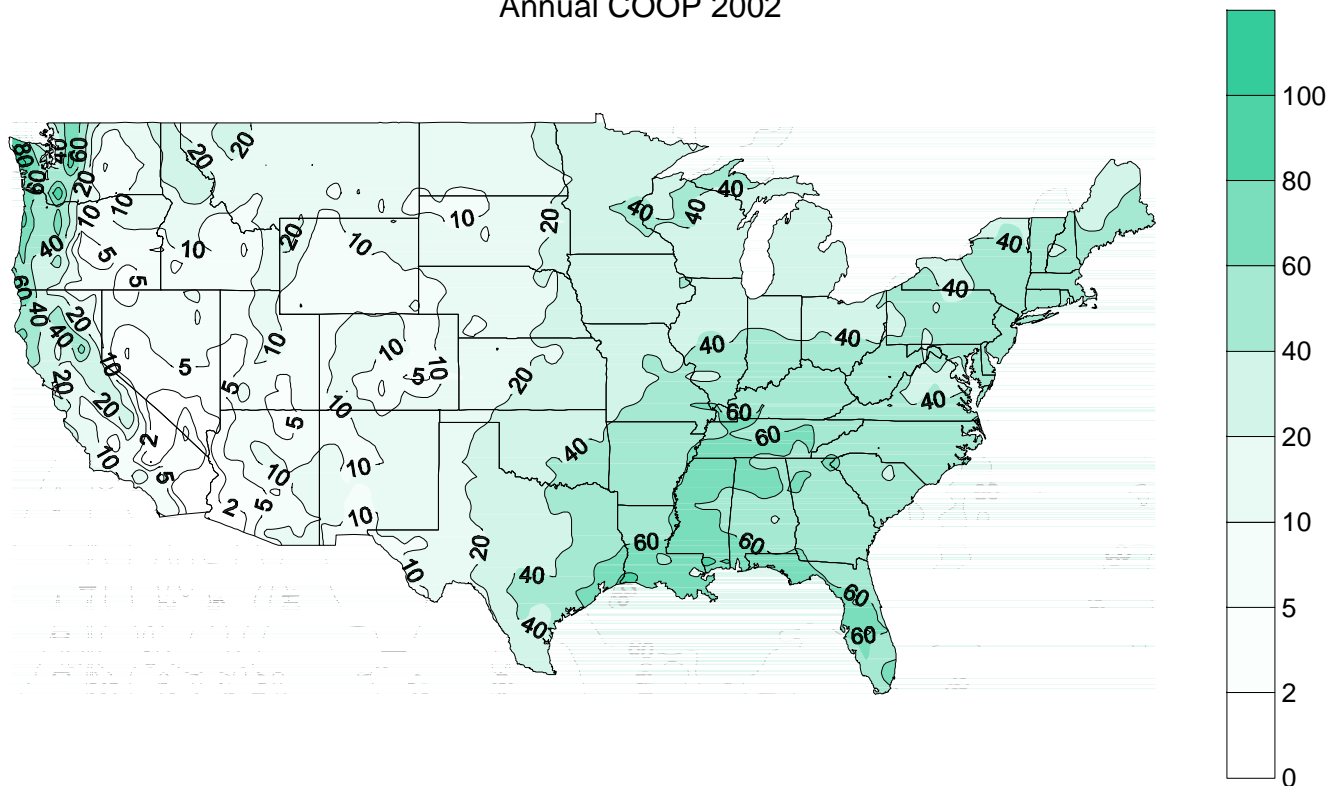
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Similar historical information of regular National Weather Service Offices is available from the "Local Climatological Data" annual bulletin.

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.

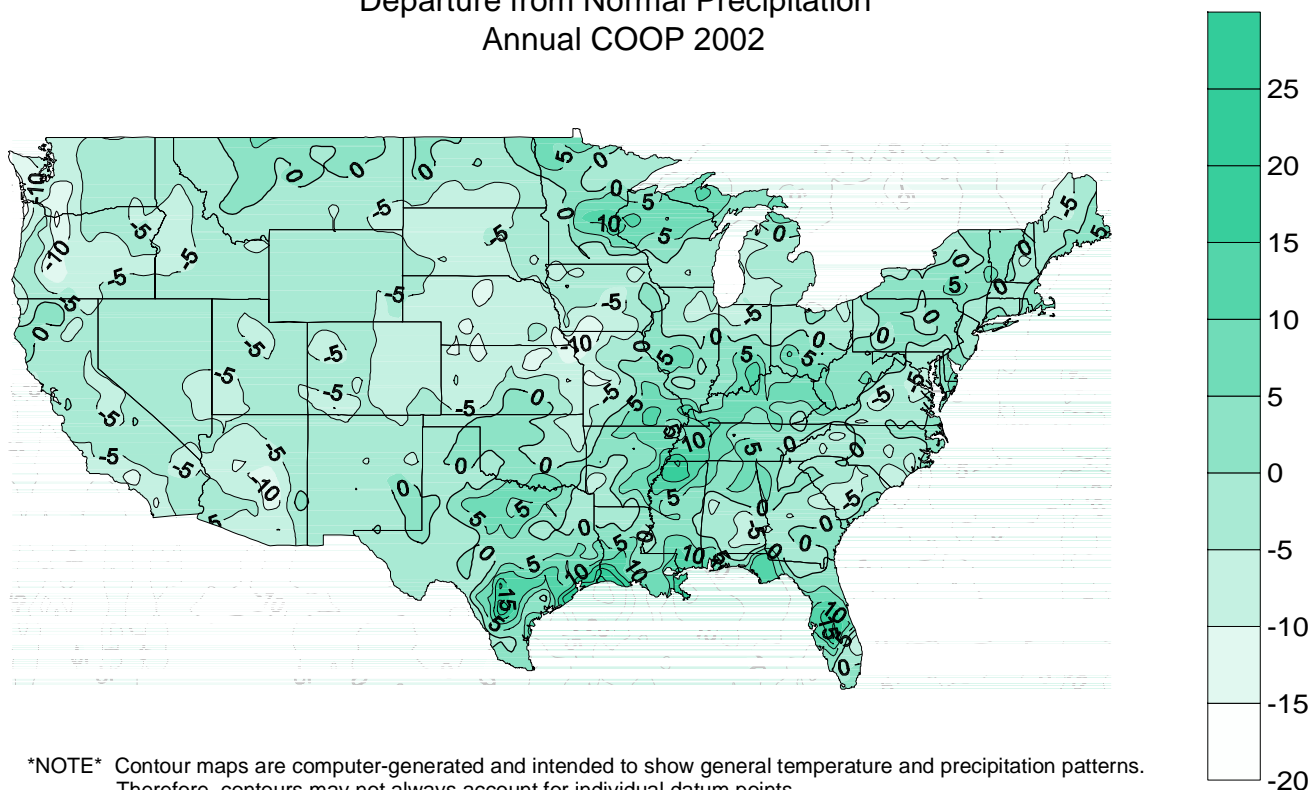
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Total Precipitation (Inches)  
Annual COOP 2002



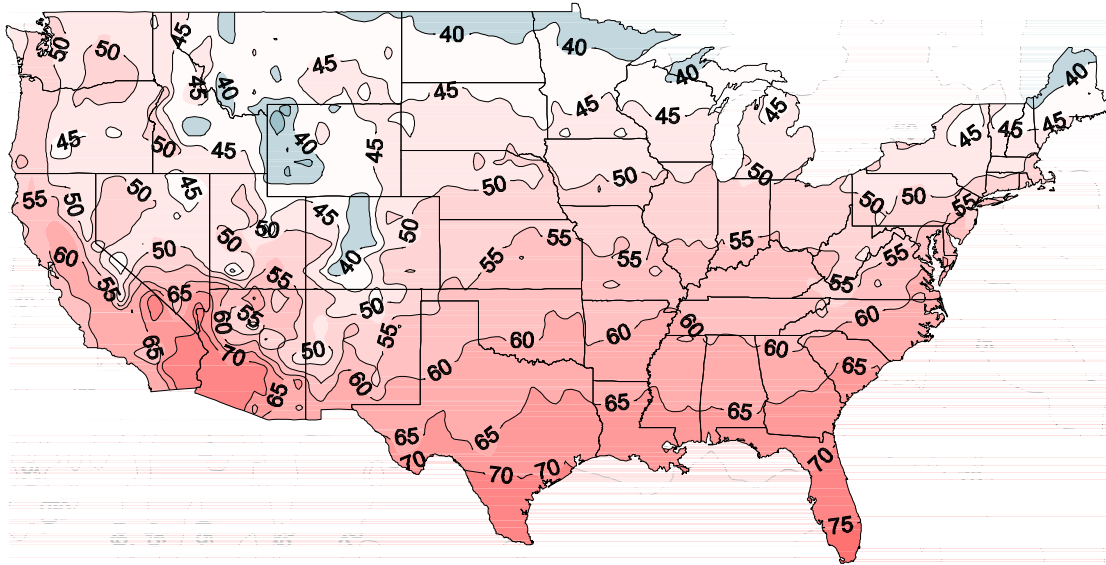
Departure from Normal Precipitation  
Annual COOP 2002



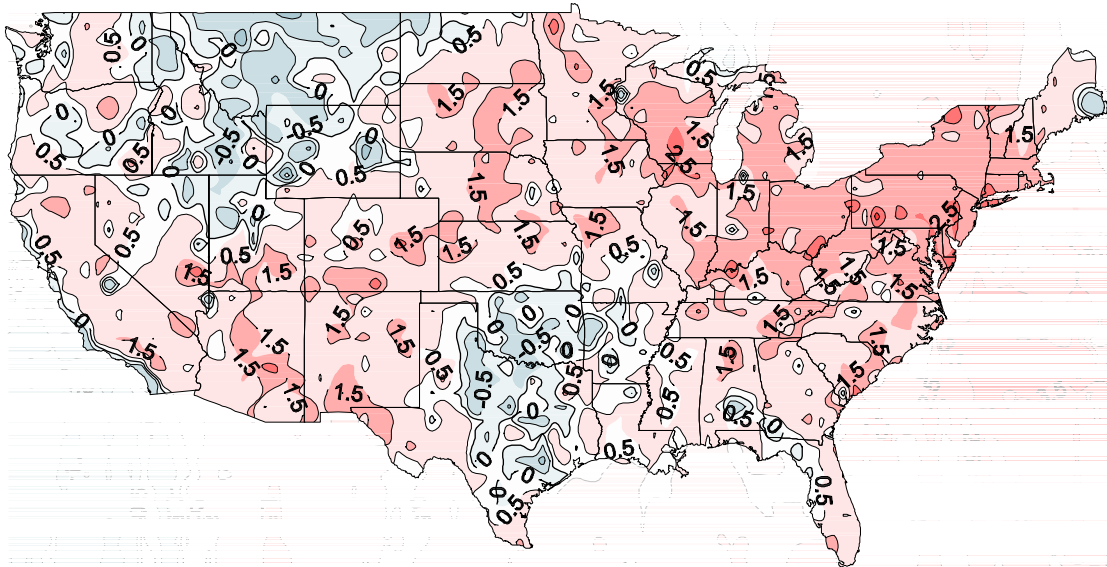
\*NOTE\* Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

Average Temperature (Degrees F)  
Annual COOP 2002



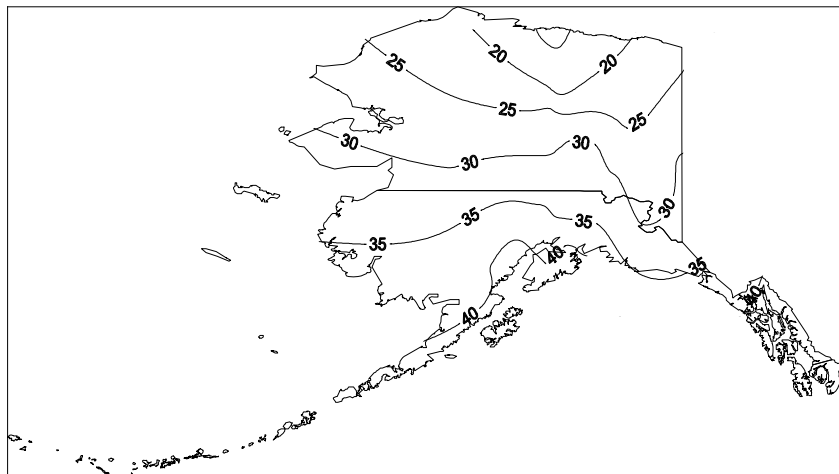
Departure of Average Temperature from Normal (Degrees F)  
Annual COOP 2002



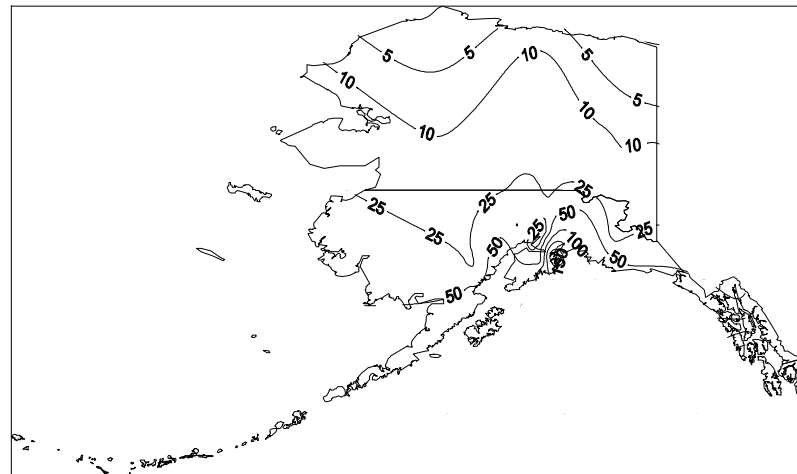
\*NOTE\* Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

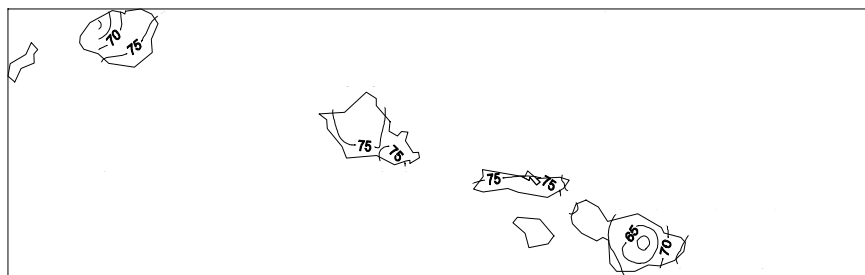
Alaska Average Temperature (Degrees F)  
Annual 2002



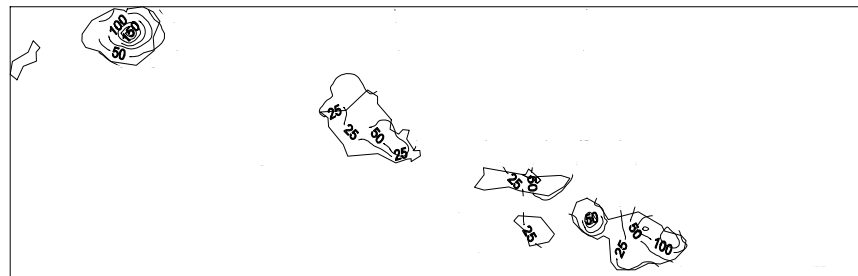
Alaska Precipitation (Inches)  
Annual 2002



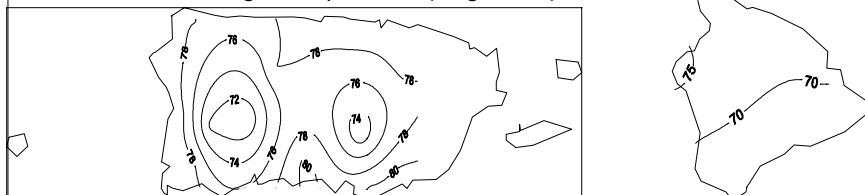
Hawaii Average Temperature (Degrees F)  
Annual 2002



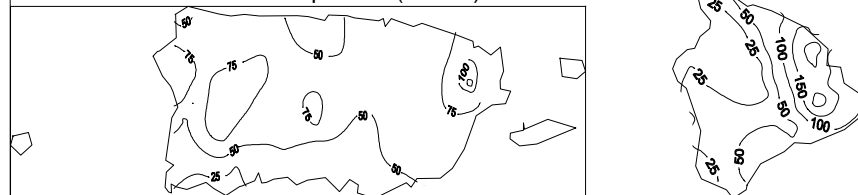
Hawaii Precipitation (Inches)  
Annual 2002



Puerto Rico Average Temperature (Degrees F)



Puerto Rico Precipitation (Inches)



40.60

40.00

# 44 - VIRGINIA AND D.C.

39.40

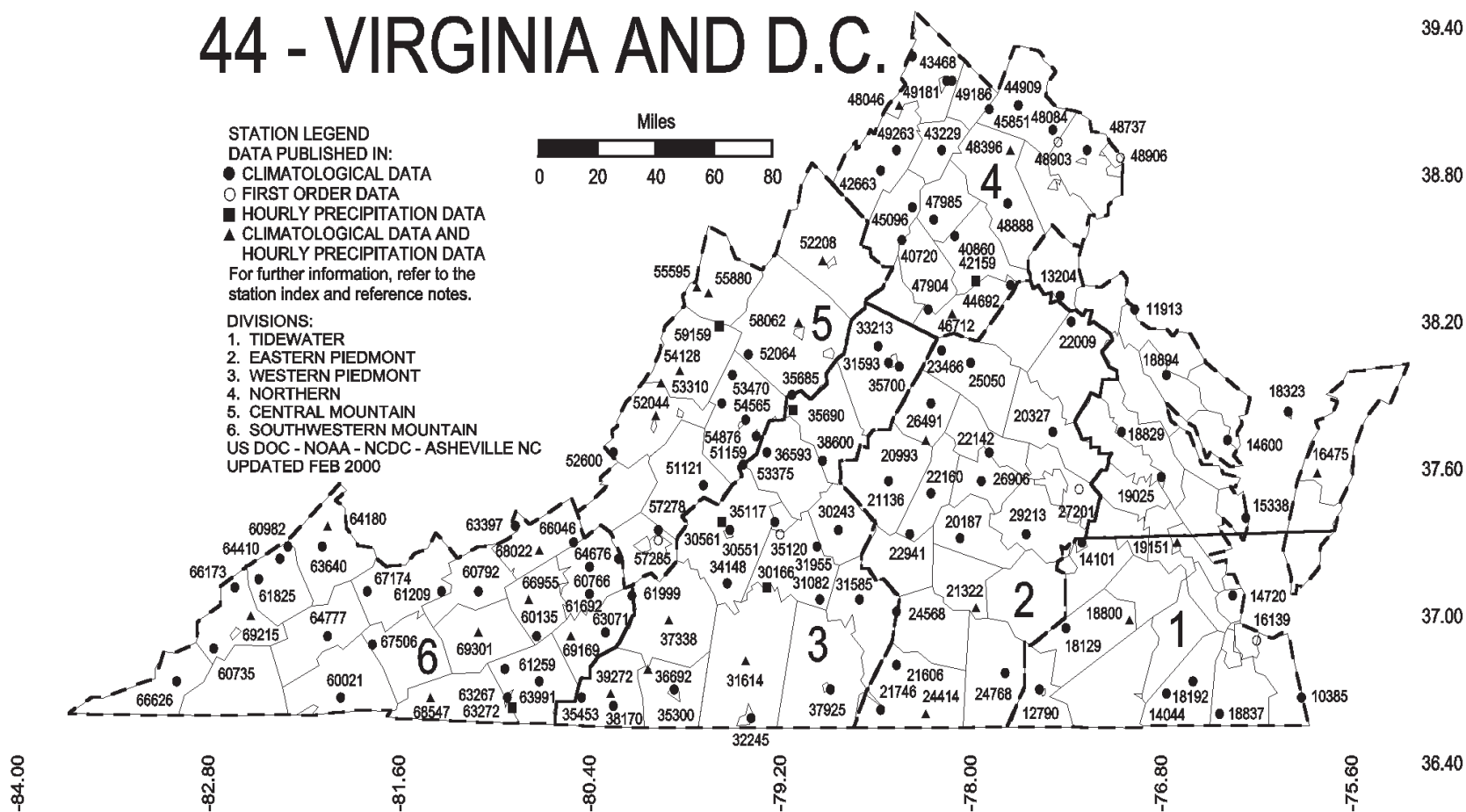
38.80

38.20

37.60

37.00

36.40



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