

PAGE #1	JAN 2002 Annandale (Barcroft Hills Weather Center) 38° 50' 26" N 77° 09' 56" W Stat. # 21517 Koontz																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2002 JAN	TEMP. MAX.	TEMP. MAX.	TEMP. MIN.	TEMP. MIN.	TEMP. RANGE	TEMP. MEAN	MEAN CHANGE	Soil TEMP.	SKY AM	SKY PM	PRECIP MELTED	MAX.1HR PRECIP.	MAX.5M PRECIP.	FROZ. PRECIP.	SNOW ON GROUND	START TIME	END TIME
Jan-01	32	14:37	18	07:18	14	25.0	-1.0	39	0	0							
Jan-02	35	14:38	20	06:44	15	27.5	2.5	38	0	0						0900	0910
Jan-03	34	15:47	27	06:21	7	30.5	3.0	38	2	2	T			FLUR.			
Jan-04	40	14:37	26	07:47	14	33.0	2.5	38	0	0							
Jan-05	50	14:35	26	04:06	24	38.0	5.0	38	2	1							
Jan-06	38	12:19	27	02:33	11	32.5	-5.5	37	2	2	0.65	0.23	0.03	T		1230	1730
Jan-07	37	16:08	29	23:53	8	33.0	0.5	37	2	2	0.03	0.01	T	T		1200	1430
Jan-08	39	14:56	27	08:04	12	33.0	0.0	37	0	0							
Jan-09	46	19:11	27	01:49	19	36.5	3.5	37	2	2	0.04	0.03	0.01	NONE		0630	0730
Jan-10	52	15:36	40	00:16	12	46.0	9.5	37	2	2							
Jan-11	48	11:18	36	23:59	12	42.0	-4.0	40	2	1	0.17	0.07	0.01			0509	0825
Jan-12	51	14:37	29	07:59	22	40.0	-2.0	40	0	0							
Jan-13	47	14:52	34	22:49	13	40.5	0.5	40	0	0							
Jan-14	51	14:47	31	05:56	20	41.0	0.5	40	1	1							
Jan-15	51	12:52	36	05:33	15	43.5	2.5	40	0	0							
Jan-16	42	14:32	32	06:10	10	37.0	-6.5	41	2	1							
Jan-17	54	15:18	35	00:01	19	44.5	7.5	41	1	0							
Jan-18	44	14:30	30	23:51	14	37.0	-7.5	41	0	0							
Jan-19	33	08:52	30	01:44	3	31.5	-5.5	41	2	2	0.47	0.09	0.02	3.8	3.1	0840	1530
Jan-20	40	14:25	27	08:01	13	33.5	2.0	40	0	1					2.0		
Jan-21	47	14:59	28	03:04	19	37.5	4.0	40	2	0	0.01	0.01	T	T	1.1	0945	1015
Jan-22	52	14:37	33	07:54	19	42.5	5.0	40	0	0					0.5		
Jan-23	50	15:22	41	05:37	9	45.5	3.0	40	2	2	0.06	0.03	0.01		NONE	0409	0515
Jan-24	59	18:23	43	03:46	16	51.0	5.5	42	2	2	0.10	0.05	0.01			0355	0525
Jan-25	50	00:01	35	22:55	15	42.5	-8.5	44	0	0	0.02	0.02	0.01			0001	0230
Jan-26	55	14:58	29	07:39	26	42.0	-0.5	43	0	0							
Jan-27	63	14:57	32	07:22	31	47.5	5.5	42	0	0							
Jan-28	66	13:57	41	07:40	25	53.5	6.0	43	1	1							
Jan-29	73	13:12	48	06:43	25	60.5	7.0	44	1	2							
Jan-30	74	13:58	54	23:59	20	64.0	3.5	46	1	2							
Jan-31	54	00:01	47	13:36	7	50.5	-13.5	48	2	2	0.01	0.01	T			0515	0530
TOTAL	1507.0	41572	1018.0	27789	489.0	1262.5	24.5	1252.0	31.0	28.0	1.56	0.55	0.10	3.8	6.7	MAX.	TEMP
NUM.	31	31	31	31	31	31	31	31	31	31	10	10	7	1	4	>=65	3
AVE.	48.61	13:38	32.84	09:11	15.77	40.73	0.79	40.39	1.00	0.90	0.16	0.06	0.01	0.00	0.00	>=60	4
MAX.	74	19:11	54	23:59	31	64.0	9.5	CLEAR	13	14	0.65	0.23	0.03	3.8	3.1	>=55	6
MIN.	32	00:01	18	00:01	3	25.0	-13.5	P.CLO.	5	6	>= 1.00					>=50	16
>=90°		0	<=32°		18			CLO.	13	11	1					>=45	20
DATE OF	01-30	DATE OF	01-01							DATE	01-06			DATE	01-19	>=40	24
MAX.		MIN.								MAX.				MAX.		>=30	31
TEMP.		TEMP.								PREC.				SNOW		>=20	31

19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
2002 JAN	START TIME	END TIME	WIND DOT AVE	MAX. SUNRISE	MAX. SUNSET	MAX.RH. SUNRISE	MIN.RH. SUNSET	MAX. BAR.	MIN. BAR.	AVE. BAR.	BAR. CHANGE	BAR & PREC.	MAP FEAT.	FEAT. LOC#	HP.LP TRACK	FRONT DIRCT.	FRONT INTEN.	FRONT PASS.
Jan-01			17	14	21	67	35	30.28	30.10	30.19	0.08		9R	NE-AR	SOUTH			
Jan-02			6	14	16	67	36	30.41	30.16	30.29	0.09		9	KS	SOUTH			
Jan-03			6	7	18	65	37	30.16	29.94	30.05	-0.23	30.09	8	NCC	ENE			
Jan-04			30	23	23	64	30	30.19	29.94	30.07	0.02		9	MS	EAST			
Jan-05			3	10	12	65	21	30.16	29.97	30.07	0.00		23			NW	WEAK	1400
Jan-06	1905	1920	6	8	16	100	44	29.97	29.45	29.71	-0.35	29.82	8	AL	NE			
Jan-07			40	15	24	95	70	29.90	29.50	29.70	-0.01	29.76	23			NW	WEAK	1000
Jan-08			26	28	24	71	35	30.09	29.90	30.00	0.29		8	MEC	NE			
Jan-09	0945	1015	0	7	12	83	45	29.93	29.67	29.80	-0.19	29.89	23			NW	WEAK	STAT
Jan-10			0	13	8	77	49	29.85	29.73	29.79	-0.01		23			NW	WEAK	EAST
Jan-11			57	22	43	96	33	30.01	29.68	29.85	0.05	29.69	11			NW	WEAK	0900
Jan-12			4	12	10	84	29	30.03	29.62	29.83	-0.02		9	NC	EAST			
Jan-13			66	33	37	75	27	30.01	29.49	29.75	-0.08		11, 8	VAC	NE	NW	AVE	0300
Jan-14			8	13	13	65	29	30.09	29.90	30.00	0.24		9	NCC	EAST			
Jan-15			44	9	21	84	31	30.14	29.81	29.98	-0.02		11, 9	OK	ENE	WEST	WEAK	0500
Jan-16			13	29	18	72	35	30.30	30.14	30.22	0.24		9	KY	EAST			
Jan-17			7	13	17	66	29	30.09	29.89	29.99	-0.23		11			WEST	AVE.	1800
Jan-18			34	23	24	65	27	30.17	30.02	30.10	0.10		8	NC	NE			
Jan-19	1920	2220	0	19	12	95	50	30.24	29.80	30.02	-0.07	30.16	8	AL	NE			
Jan-20			6	12	17	94	38	30.17	29.80	29.99	-0.04		9R	OH-MI	EAST			
Jan-21			5	7	13	92	59	30.10	29.80	29.95	-0.03	29.88	8, 11	VACTN	NE	NW	WEAK	1630
Jan-22			4	17	14	70	27	30.37	30.06	30.22	0.26		9	TN	NE			
Jan-23	0850	1020	6	17	13	92	33	30.30	29.92	30.11	-0.11	30.23	21			SW	AVE.	
Jan-24	1010	1200	4	7	21	100	76	29.92	29.59	29.76	-0.35	29.88	21, 8	IN	NE	SOUTH	AVE.	1100
Jan-25			35	24	25	86	27	30.23	29.76	30.00	0.24	29.76	11, 9	OK	EAST	NW	AVE.	0001
Jan-26			1	10	9	76	22	30.30	30.14	30.22	0.22		9R	NC-LA	EAST			
Jan-27			1	8	8	82	21	30.23	30.12	30.18	-0.04		9R	WV-GA	STAT.			
Jan-28			0	9	9	93	22	30.13	29.99	30.06	-0.12		9	GA	STAT.			
Jan-29			3	10	14	66	28	30.03	29.95	29.99	-0.07		9	GA	EAST			
Jan-30			9	10	13	80	38	30.17	29.94	30.06	0.06		11			NW	STRONG	1900
Jan-31	1030	1200	2	17	11	97	68	30.29	30.17	30.23	0.18	30.25	21			SOUTH	STRONG	
MIN.	TEMP	TOT.	443	460	536	2484	1151	934.26	925.95	930.11	0.12	329.41	Wx.	FEAT.		EXTRE.		DATES
<=55	31	NUM.	31	31	31	31	31	31	31	31	31	11	LOW	PR.=	8	MAX.	TEMP.	01-30
<=50	30	AVE.	14.29	14.84	17.29	80.13	37.13	30.14	29.87	30.00	0.00	29.95	HIGH	PR.=	10	MIN.	TEMP.	01-01
<=45	28	MAX.	66	33	43	100	76	30.41	30.17	30.29	0.29	30.25	ELONG	HP.=	4	MAX	SNOW	01-19
<=40	25	MIN.	0	7	8	64	21	29.85	29.45	29.70	-0.35	29.69	COLD	FRO.=	7	MAX.	PREC.	01-06
<=30	15	MEDI	6	13	16	80	33	30.16	29.90	30.00	-0.01	29.88	WARM	FRO.=	3	MAX.	A.WIND	01-13
<=20	2		DATE	01-13	01-11			DATE	01-02	01-06			STAT.	FRO.=	0	MAX.	P.WIND	01-11
<=10	0		MAX.					MAX.					ALL	HPS.=	0	MAX.	BAR.	01-02
<= 5	0		WIND					BAR.								MIN	BAR.	01-06

2002
JANJanuary-2002
REMARKS FOR THE MONTH

Jan-01	
Jan-02	
Jan-03	SHORT LIVED SNOW FLURRY APPROXIMATELY 2 DOZEN SMALL SNOW PELLETS PER ONE SQUARE FOOT SURFACE AREA
Jan-04	
Jan-05	
Jan-06	A LITTLE SLEET AND A FEW FLAKES OF SNOW AT THE BEGINNING AROUND 1230 BUT SNOWFALL PREDICTED WAS ACTUALLY JUST RAIN
Jan-07	SNOW SHOWERS MOST OF DAY BUT TEMPERATURE ABOVE FREEZING-NONE STUCK TO GROUND
Jan-08	
Jan-09	RAIN AROUND 0630 FROZE AS A GLAZE CAUSING A GREAT NUMBER OF TRAFFIC ACCIDENTS ONLY 0.02 IN. DURING FREEZING PD. HERE
Jan-10	
Jan-11	WIND GUST TO 43MPH AT 1216
Jan-12	
Jan-13	
Jan-14	
Jan-15	
Jan-16	
Jan-17	SNOW IN THE FORECAST
Jan-18	
Jan-19	MAXIMUM FALL RATE IN 1 HOUR 0.11 INCHES AT 1323 MAXIMUM SNOW DEPTH 3.3 INCHES AT 1330
Jan-20	
Jan-21	SOME RAIN AND SLEET AT ABOUT 1000
Jan-22	DEEP BLUE SKY TODAY
Jan-23	MOST OF THE RAIN PASSED TO OUR SOUTH WITH THIS SYSTEM
Jan-24	HEAVY FOG-RAIN PERIODS 2120-2140, 2325-2400
Jan-25	COLD FRONT PASSED ACTUALLY A LITTLE BEFORE MIDNIGHT
Jan-26	BEAUTIFUL DAY FOR JANUARY
Jan-27	BEAUTIFUL DAY FOR JANUARY MAXIMUM TEMP. 63° A NEW 21 YEAR REC. HIGH FOR DATE ALSO TIED THE 22 YEAR TEMP. RANGE
Jan-28	THIN CIRRUS OVER MOST OF THE SKY MOST OF THE DAY TIED 22 YEAR MAX. TEMP.RECORD FOR DATE
Jan-29	CIRRUS IN THE AM ALTOSTRATUS IN THE PM SET BOTH NEW 22 YEAR REC. HIGH MAX. AND HIGH MIN. TEMPS. FOR THE DATE
Jan-30	CIRRUS IN THE AM AND AGAIN WE SET 22 YEAR REC. HIGH MAX. AND MIN. TEMPS. FOR DATE-RECEIVED NEW VANTAGE PRO WX. STATION
Jan-31	STRONG BUT A SLOW MOVING CF-TO COME BACK AS A WARM FRONT-- OTHER PERIODS OF DRIZZLE AND MIST BUT WERE VERY LIGHT

JANUARY WAS WARM AND VERY DRY. The precipitation departure was -1.94; only January 1981 was drier in the last 22 years.

We had a 7.56 precipitation deficit at the end of 2001 that now equals 9.50 inches. The last few years have been a rough period for snow lovers! We had just 3.8 inches of snow for January on the 19th that was the most snow recorded here since December 19, 2000.

As expected we had clearer skies than ave. and Jan. was the fifth clearest in the last 22 years. The LOWEST high bar reading for the month was 30.41 inches on the second day of the month. The old record was 30.44 inches in 1987.

The maximum temp. of 74°F on the 30th was a new 22-year record maximum for the month of January. The old record was 72°F in 1999.

The ave. mean temp. (40.73°F) was the third highest in the last 22 years and the highest since 1998. The record here is 41.87°F in 1990.

The departure was about 6.6°F.

The highest wind was 43 mph from the WNW at 1116 on January 11th.

ACON VA / NC / SC JAN. 2002 SUMMARY

OBSERVER: LOWELL L. KOONTZ

L OBSERVATION TIMES: 2400

LOCATION: 6515 OAKWOOD DR., FALLS CHURCH VA 22041

ALTITUDE : 360 FEET

RECORDS OF TEMPERATURE AND PRECIPITATION SINCE SEPT. 1979

TEMPERATURE:

MEAN MAXIMUM	48.61
MEAN MINIMUM	32.84
MEAN MONTHLY	40.73
MAXIMUM	74
DATE(s) OF MAX.	01-30-2002
MINIMUM	18
DATE(s) OF MIN.	01-01-2002
# DAYS MAX. $\geq 90^{\circ}$	0
# MAX. $\leq 32^{\circ}$	1
MIN. $\leq 32^{\circ}$	18
MIN. $\leq 0^{\circ}$	0

NUMBER DAYS WITH:

THUNDER	0
HAIL	0
GLAZE	1
ICE PELLETS (SLEET)	2
DENSE FOG	2

WIND

MAX. GUST (MPH)	43
DIRECT. OF GUST	WNW
DATE & TIME 1216	01-11-2002

PRECIPITATION:

MONTH TOTAL	1.56
DAILY MAXIMUM	0.65
DATE OF MAX.	01-06-2002
24-HR. PD. MAX.	0.66
DATE(s) OF MAX. PD.	6 th & 7 th
# DAYS $\geq 0.01"$	10
# DAYS $\geq 1.00"$	1
YR. TO DATE TOT.	1.56

SNOWFALL:

DAILY MAXIMUM	3.8
DATE OF MAX.	01-19-2002
DAYS $\geq$ TRACE	1
DAYS $\geq 1.0"$	1
MONTHLY TOTAL	3.8
01-'02 SEASON'S TOT.	3.8

BAROMETER

MAX.	30.41
DATE	01-02-2002
MIN.	29.45
DATE	01-06-2002

JAN. REMARKS:

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