January 2003

January was the coldest January since 1994 and was a little below average in precipitation. The lowest temperature was 7°F on the 18th that was the lowest minimum temperature to occur since 1-19-1997 when 6°F was recorded. January's mean monthly temperature averaged - 5.1°F colder than the average January but no new record lows were set for the date. January had 27 days with the temperature at or below freezing that is the most since 1996 which also had 27 days.

The daily temperature range of 13.3 °F was the lowest since 1980 that was 13.1°F. The maximum daily temperature range was 24°F on the 13th that was the lowest daily temperature range since 22°F occurred in 1980.

The January rainfall had a -0.35 inch departure although there were 12 days with precipitation the most since 1998. The new-year started out with a bang as we observed lightning and thunder heard about 1620. The 1.69 inches of rain was the second greatest daily rainfall amount for any day of the month. The record is 2.25 inches on January 11, 1991. I never remember having heard thunder on New Year's Day before. The total snowfall for January was 7.5 inches and was two inches less than the 23-year average which is 9.5 inches. There were eleven days with snow or flurries and 8 days with measurable snow but all were minor except the 4.2 inch snow on the 5th. The 8 days with measurable snow is the most since the record of 9 days was set in 1985.

The January average mean temperature was 29.15 °F with a departure of -5.1°F and was 12°F colder than last January that was +7.0 above the mean and had the greatest positive temperature departure for any month in 2002.

January 23rd was an unusually cold disagreeable day. The maximum temperature was 19°F, a new 22 year LOW maximum temperature record for the date; the old record was 31°F in 2000. The maximum was 12°F lower than the record for the date a very rare event. This was not just a record for the date as it was the coldest for any day since January 18, 1997 or the coldest day in six years. Today had the lowest wind chill (new Scale) for the winter of -5.6°F at 2021. Today also had the lowest dew point for the winter of negative 10.8°F at 1247 and snow squalls brought 0.2 inches of snow between 2135 and 2340. The wind run was 208 that was the highest wind run of the winter and the heating degree days were 50 also a daily record for the winter so far.

The maximum gust of 33 mph from the west on the 23rd at 2021 was the strongest wind gust recorded this month.

The minimum barometer reading of 29.16 inches on the 9th was the lowest recorded since 3-19-1996 when 29.09 inches was recorded.

PAGE #1 JAN 2003 Annandale (Barcroft Hills Weather Center) 38° 50' 26" N 77° 09' 58" W Stat. # 21517 Koontz

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2003 JAN	TEMP. MAX.	TIME MAX.	TEMP. MIN.	TIME 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	53	0:01	41	23:57	12	47.0	0.0	39	2	2	1.69	0.47	0.08			0404	1945
Jan-02	42	11:32	38	23:34	4	40.0	-7.0	42	2	2	0.07		0.01			1700	2400
Jan-03	39	8:37	33	23:12	6	36.0	-4.0	41	2	2	0.50	0.14	0.02			0001	1620
Jan-04	38	14:51	28	23:59	10	33.0	-3.0	40	2	1	T			Flurry		1000	1030
Jan-05	31	10:27	26	4:56	5	28.5	-4.5	39	2	2	0.34	0.08	0.01	4.2	4.2	0900	1720
Jan-06	38	11:44	29	3:26	9	33.5	5.0	38	2	2	0.03	0.01	0.01	0.3	2.4	0530	0800
Jan-07	35	23:59	22	7:21	13	28.5	-5.0	38	2	2					2.1		
Jan-08	51	14:59	31	4:49	20	41.0	12.5	37	2	1					0.1		
Jan-09	60	15:01	38	2:14	22	49.0	8.0	37	1	0					NONE		
Jan-10	47	1:38	31	23:59	16	39.0	-10.0	38	1	2	T			Flurries		1315	1330
Jan-11	35	14:35	24	7:55	11	29.5	-9.5	38	0	0							
Jan-12	32	14:37	21	7:25	11	26.5	-3.0	37	0	0							
Jan-13	45	14:36	21	2:55	24	33.0	6.5	36	0	1							
Jan-14	32	12:47	23	6:30	9	27.5	-5.5	36	1	2	T			0.1	NONE	1000	1015
Jan-15	31	14:55	17	23:59	14	24.0	-3.5	36	0	0	T			T	T	0001	0015
Jan-16	29	14:28	15	1:46	14	22.0	-2.0	35	2	2	0.07	0.04	0.01	1.0	T	1655	2355
Jan-17	29	14:51	16	23:58	13	22.5	0.5	35	1	0					0.7		
Jan-18	26	14:58	7	7:26	19	16.5	-6.0	35	0	0					0.6		
Jan-19	31	14:58	14	0:57	17	22.5	6.0	34	1	0					0.4		
Jan-20	39	10:56	24	23:59	15	31.5	9.0	34	1	0					0.1		
Jan-21	30	14:51	17	23:59	13	23.5	-8.0	34	2	1	0.05	0.03	0.01	1.1	0.9	0815	1200
Jan-22	26	15:03	12	7:12	14	19.0	-4.5	34	0	0					0.4		
Jan-23	19	14:58	11	7:33	8	15.0	-4.0	34	0	0	0.01	T	T	0.2	0.2	2135	2340
Jan-24	31	14:51	13	4:54	18	22.0	7.0	34	0	0					0.2		
Jan-25	35	14:58	14	7:47	21	24.5	2.5	33	0	0					T		
Jan-26	42	15:38	20	6:21	22	31.0	6.5	33	2	1	0.02	0.02	T	0.5	0.1	1650	1850
Jan-27	24	0:01	11	23:40	13	17.5	-13.5	33	0	0					0.2		
Jan-28	35	15:46	11	1:00	24	23.0	5.5	33	0	2					T		
Jan-29	37	12:08	29	23:13	8	33.0	10.0	33	2	2	0.08	0.04	0.01		T	1300	1530
Jan-30	33	13:57	29	7:53	4	31.0	-2.0	33	2	2	0.01			0.1	0.1		
Jan-31	35	21:59	31	4:57	4	33.0	2.0	33	2	2	0.19	0.01	T	T	T	0001	0900
TOTAL	1110.0	40040	697.0	35846	413.0	903.5	-14.0	1112.0	34.0	31.0	3.06	0.84	0.16	7.5	12.7	MAX.	TEMP
NUM.	31	31	31	31	31	31	31	31	31	31	12	9	8	8	15	>=65	0
AVE.	35.81	13:10	22.48	11:49	13.32	29.15	-0.45	35.87	1.10	1.00	0.26	0.09	0.02	0.00	0.00	>=60	1
MAX.	60	23:59	41	23:59	24	49.0	12.5	CLEAR	11	13	1.69	0.47	0.08	4.2	4.2	>=55	1
MIN.	19	0:01	7	0:57	4	15.0	-13.5	P.CLO.	6	5	>= 1.00					>=50	3
>=90°	0	<=32°	27					CLO.	14	13	1					>=45	5
DATE OF MAX. TEMP.	01-09	DATE OF MIN. TEMP.	01-18							DATE MAX. PREC.	01-01		DATE MAX. SNOW	01-05		>=40	7
																>=30	25
																>=20	30

PAGE #2 JAN 2003 Annandale (Barcroft Hills Weather Center) 38° 50' 26" N 77° 09' 58" W Stat. # 21517 Koontz

19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
2003 JAN	START TIME	END TIME	WIND RUN	MAX. GUST	TIME GUST	MAX. RH	MIN. RH	MAX. BAR.	MIN. BAR.	AVE. BAR.	BAR. CHANGE	BAR.& PREC.	MAP FEAT.	FEAT. LOC.	HP.LP. TRACK	FRONT DIRCT.	FRONT INTEN.	FRONT PASSED
Jan-01			78	17	0946	100	61	29.97	29.51	29.74	-0.29	29.96	8	AL	NE			
Jan-02			35	15	1029	97	88	30.01	29.71	29.86	0.12	30.00	8	MA	NE			
Jan-03			78	19	2129	99	89	30.01	29.73	29.87	0.01	30.00	8	NC	NE			
Jan-04			130	29	1308	89	54	30.12	29.76	29.94	0.07		8	CT	NE			
Jan-05			6	8	1005	96	69	30.15	30.00	30.08	0.13	30.11	8	IL	EAST			
Jan-06			35	18	1718	95	78	30.00	29.89	29.95	-0.13	29.95	8, 23	PA	NE			
Jan-07			114	30	0042	72	29	30.13	29.58	29.86	-0.09		23, 9	OK	SE			
Jan-08			58	28	1341	66	58	29.58	29.44	29.51	-0.34		9	TX	SOUTH			
Jan-09			60	31	1037	76	23	29.44	29.16	29.30	-0.21		8	ON	NE			
Jan-10			128	31	1200	56	36	29.88	29.44	29.66	0.36	29.67	11, 9	MT	SE	NW	STRONG	0630
Jan-11			114	30	1344	66	28	30.10	29.88	29.99	0.33		9R	ND-KS	SE			
Jan-12			92	21	1317	55	34	30.38	30.18	30.28	0.29		9	KY	EAST			
Jan-13			47	19	1907	78	22	30.29	29.92	30.11	-0.18		9R, 23	NC-SC	EAST	NW	WEAK	1700
Jan-14	1055	2400	36	11	1247	59	39	30.20	30.08	30.14	0.04	30.14	11, 9	OH	EAST	NW	STRONG	0215
Jan-15			77	21	1100	85	27	30.34	30.12	30.23	0.09	30.12	9	VA	STAT			
Jan-16			36	12	1109	90	29	30.39	29.96	30.18	-0.05	30.10	8	OK	EAST			
Jan-17			82	22	1322	91	41	30.15	29.85	30.00	-0.18		11			NW	WEAK	2330
Jan-18			15	18	0018	72	30	30.25	30.00	30.13	0.13		9	TX	EAST			
Jan-19			76	25	1131	73	27	30.05	29.95	30.00	-0.13		23			NW	WEAK	0815
Jan-20			143	27	1405	67	39	30.02	29.75	29.89	-0.12		11			NW	STRONG	1100
Jan-21			160	17	1941	60	42	30.11	30.02	30.07	0.18	30.07	8	NC	EAST			
Jan-22			97	26	1006	66	28	30.17	30.07	30.12	0.06		9	SK	SE			
Jan-23			208	33	2021	82	26	30.15	29.93	30.04	-0.08	29.96	9	NE	EAST			
Jan-24			107	31	0132	75	27	30.35	30.02	30.19	0.15		9	MO	SE			
Jan-25			37	12	1114	67	27	30.39	30.21	30.30	0.11		9	AL	STAT.			
Jan-26	1950	2040	36	11	1559	94	34	30.20	29.95	30.08	-0.23	29.99	11			NW	STRONG	1600
Jan-27			106	29	0017	57	27	30.48	30.16	30.32	0.25		9	IL	EAST			
Jan-28			31	10	1008	58	25	30.44	30.12	30.28	-0.04		9	NC	EAST			
Jan-29			10	7	0732	97	42	30.31	30.04	30.18	-0.11		8	TN	NE			
Jan-30			20	12	1303	94	81	30.35	30.31	30.33	0.16		8	NC	NE			
Jan-31	1130	2400	26	10	1740	100	77	30.32	30.00	30.16	-0.17	30.32	8	NCC	NE			

MIN.	TEMP	TOT.	2278	630	36228	2432	1337	934.73	926.74	930.74	0.13	390.39	Wx.	FEAT.		EXTRE.		DATES
<=55	31	NUM.	31	31	31	31	31	31	31	31	31	13	LOW	PR.=	12	MAX.	TEMP.	01-09
<=50	31	AVE.	73.5	20.3	11:49	78.45	43.13	30.15	29.89	30.02	0.00	30.03	HIGH	PR.=	13	MIN.	TEMP.	01-18
<=45	31	MAX.	208	33	2129	100	89	30.48	30.31	30.33	0.36	30.32	ELONG	HP.=	2	MAX	SNOW	01-05
<=40	30	MIN.	6	7	0017	55	22	29.44	29.16	29.30	-0.34	29.67	COLD	FRO.=	5	MAX.	PREC.	01-01
<=30	24	MEDI	76	19	1200	76	34	30.15	29.95	30.08	0.01	30.00	WARM	FRO.=	0	MAX.	WIND	01-23
<=20	13		DATE	01-23			DATE	01-27	01-09				STAT.	FRO.=	0			
<=10	1		MAX.		05-31		MAX.						ALL	HPS.=	0	MAX.	BAR.	01-27
<= 5	0		WIND		03-09		BAR.									MIN	BAR.	01-09

Annandale (Barcroft Hills Weather Center) 38° 50' 26" N 77° 09' 58" W Stat. # 21517 Koontz

2003 JAN	January-2003 REMARKS FOR THE MONTH
Jan-01	THE PREC. TOT. TODAY WAS 1.69 INCHES, A NEW 22 YR MAX PREC. REC. FOR THE DATE; THE OLD REC. WAS 0.53 INCHES IN 1987.
Jan-02	ALSO ANOTHER LOW PRESSURE OVER AR
Jan-03	
Jan-04	SNOW FLURRIES AROUND 1000 BUT VERY LIGHT AND MELTED ON CONTACT WITH SURFACES
Jan-05	1 TO 12.4 WATER TO SNOW RATIO
Jan-06	ALSO A PM SNOW BUT IT ALL MELTED AS IT FELL BUT ONLY 0.01 IN WATER CONTENT
Jan-07	MANY CAR DOOR LOCKS FROZE THIS MORNING AS THE WEATHER TURNED FROM DAMP CONDITIONS TO COLD
Jan-08	
Jan-09	WARMEST DAY SINCE NOVEMBER 25,2002 AND THE LOWEST BAROMETER SINCE 3-19-1996 WHEN IT WAS 29.09 INCHES
Jan-10	13°F COLDER TODAY ON THE MAXIMUM TEMPERATURE
Jan-11	
Jan-12	LOW TEMP. FOR THE MONTH AND LOW WIND CHILL AT 0757 OF 7°F
Jan-13	
Jan-14	SNOW FLURRIES AROUND 1400
Jan-15	THE LOW TEMPERATURE LAST NIGHT WAS 15°F AT 0146. THIS WAS THE LOWEST TEMPERATURE HERE SINCE 12-26-2000 WHEN IT WAS 13°F
Jan-16	
Jan-17	
Jan-18	LOWEST TEMP. SINCE 1/19/97-LOWEST MAX. SINCE 12/26/2000
Jan-19	20 PEOPLE OR SO PLAYING ICE HOCKEY ON LAKE BARCROFT
Jan-20	40 PEOPLE PLAYING ON THE ICE ON LAKE BARCROFT
Jan-21	LOW PRESSURE ON A COLD FRONT JUST TO OUR SOUTH
Jan-22	VERY LARGE HIGH PRESSURE IN SASKATCHEWAN WITH A CENTRAL PRESSURE GREATER THAN 31 INS. OF MERCURY
Jan-23	LOWEST MAX. TEMP. SINCE 1/18/1997 OR THE COLDEST DAY IN THE LAST SIX YEARS WHEN MAX. WAS 18°F
Jan-24	SOME CIRRUS CLOUDS IN SW AROUND 1400
Jan-25	47 PEOPLE COUNTED PLAYING ON ICE ON WEST SIDE END OF LAKE BARCROFT
Jan-26	50 PEOPLE SEEN ON THE LAKE
Jan-27	
Jan-28	
Jan-29	TRACE OF GLAZE & PRECIP. IN NIGHT WAS VERY LIGHT-MOST OCCURRED IN PM AS RAIN--TIED THE REC. MIN. TEMP. RANGE FOR THE DATE
Jan-30	LOW PRESSURE ON COLD FRONT IN NC-SNOW HERE FROM NOON TO A LITTLE AFTER DARK BUT EXTREMELY LIGHT-ONLY 0.1 RECORDED
Jan-31	FREEZING RAIN AND LITTLE SLEET BUT NO SNOW AFTER MIDNIGHT AND FREEZING RAIN DURING MORNING HOURS

DATE	EXTENTION OF LENGTHY DAILY REMARKS
1st	MAX. PRECIP. RATE 1.95 INCHES/HR-- VERY FOGGY IN PM AND THUNDER & LIGHTNING TO THE WEST - ONE STROKE WAS IN VICINITY AT 1620
	THE PREC. TOT. TODAY SO FAR IS 0.89 INCHES, A NEW 23 YR MAX. PRECIP. REC. FOR THE DATE; THE OLD RECORD WAS 0.53 INCHES IN 1987.
23rd	THE MAX. TEMP. TODAY WAS 19°F, A NEW 22 YEAR LOW MAX. TEMP. RECORD FOR THE DATE; THE OLD RECORD WAS 31°F IN 2000.
	THE LOWEST WIND CHILL (NEW SCALE) FOR THE WINTER OF -5.6 °F AT 2021 & THE LOWEST DEW POINT FOR THE WINTER OF -10.8 °F at 1247.
	TODAY'S WIND RUN WAS 208 THE HIGHEST OF THE WINTER & THE HEATING DEGREE DAYS WERE 77 ALSO A REC. FOR THE WINTER.
30th	THE TEMP. RANGE TODAY WAS 4°F, A NEW 22 YEAR MINIMUM TEMPERATURE RANGE RECORD FOR THE DATE
31st	TRACE OF SLEET DURING THE NIGHT-LIGHT GLAZE IN THE MORNING AND DRIZZLE MOST OF THE DAY---MODERATE FOG IN THE PM
	THE TEMP. RANGE TODAY WAS 4°F, AND EQUALED THE 23 YR MAX. TEMP. RANGE RECORD FOR THE DATE; THE OLD RECORD WAS SET IN 1985.

ACON VA / NC / SC JANUARY 2003 SUMMARY

OBSERVER: LOWELL L. KOONTZ

ALL OBSERVATION TIMES: 2400

ALTITUDE: 360 FEET

LOCATION: 6515 OAKWOOD DRIVE, FALLS CHURCH VA 22041

RECORDS OF TEMPERATURE AND PRECIPITATION SINCE SEPT. 1979

TEMPERATURE:

		DEP.
MEAN MAXIMUM	35.81	-6.15
MEAN MINIMUM	22.48	-4.11
MEAN MONTHLY	29.15	-5.13
MAXIMUM	60	
DATE(s) OF MAX.	1-9-03	
MINIMUM	7	
DATE(s) OF MIN.	1-18-03	
# DAYS MAX. > = 90°	0	
# MAX. < = 32°	13	
MIN. < = 32°	27	
MIN. < = 0°	0	

PRECIPITATION:

		DEP.
MONTH TOTAL	3.06	-0.35
DAILY MAXIMUM	1.69	
DATE OF MAX.	1-1-03	
24-HR. PD. MAX.	1.71	
DATE(s) OF MAX. PD.	1ST & 2ND	
MAX. 1HR. PRECIP.	0.47	
MAX. 5MIN. PRECIP.	0.08	
# DAYS > = 0.01"	12	
# DAYS > = 1.00"	1	
YR. TO DATE TOT.	3.06	

NUMBER DAYS WITH:

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

SNOWFALL:

DAILY MAXIMUM	4.2
DATE OF MAX.	1-5-03
DAYS= > TRACE	9
DAYS > = 1.0"	3
MONTHLY TOTAL	7.5
02 - '03 SEASON'S TOT.	14.0

WIND

MAX. GUST (MPH)	33
DIRECT. OF GUST	West
DATE	1-23-03
TIME	2021

BAROMETER

MAX.	30.48
DATE	1-27-03
MIN.	29.16
DATE	1-09-03

2nd Snowstorm Of 12-24-25th, 2002 STORM (Christmas Eve & Christmas Snow)		
Last Date of Frozen Precip.- **Dec. 24th-25th, 2003**	Amt. of Last Frozen Precip.- **1.5 Inches**	For Past Snowstorms-Click here
Rain,and Melted Snow & Sleet- **1.19 Inches**	Dec. Total Snow - **6.5 Inches**	Total Snow for Winter 2002 - '03 **6.5 Inches**

3RD OBSERVATIONS OF 01-5-6TH,-2003 STORM (Snow From Clippers)

Obs. Num.	Time of Observation 01-05-2003	Total Frozen Precip. Inches	Total Melted Precip. Inches	Temp. °F	Remarks for the Time Period
0	0900 hrs.	0.0	0.00	29.9	Snow started at 0900
1	1000 hrs.	Trace		30.8	
2	1100 hrs.	0.2	0.01	29.3	Ground getting white
3	1200 hrs.	0.9	.06	28.7	Moderate snow and Columbia Pike already becoming white
4	1300 hrs.	1.8	0.12	29.5	Heavy snow during the pass hour! Total snow in the last hour was 0.9 inches!
5	1400 hrs.	2.3	0.18	29.5	Moderate snow during the last hour with an additional 0.5 inches. Snow in the form of small aggregates of crystals showing light riming!
6	1500 hrs.	2.8	0.21	29.6	Moderate snow continuing during the last hour with an additional 0.5 inches. Snow in the form of larger aggregates of crystals now & still with light riming!
7	1600 hrs.	3.0	0.26	29.9	Snow stopped around 1525 but we will get more snow before the snow is all over.
8	1700 hrs.	4.2	0.34	29.9	Snow will END in the next 15 minutes in Annandale
9	1800 hrs.	4.2	0.34	30.2	All snow had ended by 1730 and wasn't enough to add to the total accumulation. Temperature has increased 0.3°F in the last hour. This will be the last observation for this snowfall.
10	Jan. 06, 2003				
11	0530 hrs.			27.9	snow flurries started
12	0745 hrs.	0.3	.02	30.4	Light snow occurring now
13	0800 hrs.	0.3	.02	30.5	Light snow ended only a few light flurries now ! End of snow observations.

FROZEN PRECIPITATION OBSERVATIONS

Last Date of Frozen Precip.-
Jan. 5th & 6th 2003

Amt. of Last Frozen Precip.-
4.2 Inches

Remarks-
For Past Snowstorms-See Snow Obs. under Links

Melted Water Equivalent-
0.37 Inches

Tot. Snow This Month-
4.5 Inches

Tot. Snow winter 2002 - '03
11.1 Inches

Obs. Num.	Time of Observation 01- 15 -2003	Total Frozen Precip. Inches	Total Melted Precip. Inches	Temp. °F	Remarks for the Time Period
0	1655 hrs.	0.0	0.00	26.0	Snow started first flakes at 1655
1	1800 hrs.	Trace	Trace	24.5	Stopped snowing shortly after starting. We are now in between bands of precip.--- Next precip. area now just south of Fredericksburg
2	1900 hrs.	Trace	Trace	24.1	Next precip. area now entering Prince William County. Precip. is moving fast toward the NE.
3	2000 hrs.	Trace	Trace	24.5	Snow started again at 1950 but was still very light at 2000.
4	2100 hrs.	0.2	0.01	23.8	Moderate snow has started and many flakes are in the form of aggregates of many broken crystals.
5	2200 hrs.	0.3	0.02	23.6	Light snow now but snow all but stopped during much of the past hour.
6	2300 hrs.	0.8	0.05	23.7	Moderate snow during the past hour. Radar indicates snowfall totals will be less than predicted.
7	2400 hrs.	1.0	0.07	23.6	Light snow ending about midnight now only light flurries - This will be the last observation for this event.
8	0000 hrs.				
9	0000 hrs.				
10	0000 hrs.				
11	0000 hrs.				
12	0000 hrs.				
13	0000 hrs.				
14	0000 hrs.				
15	0000 hrs.				
16	0000 hrs.				

3rd Snowstorm Of January 5-6th, 2003 (Snow From Clippers)		
Last Date of Frozen Precip.- **Jan. 5th-6th, 2003**	Amt. of Last Frozen Precip.- **4.5 Inches**	For Past Snowstorms-Click here
Melted Snow- **0.37 Inches**	Total Snow This Month- **4.5 Inches**	Total Snow for Winter 2002 - '03 **11.1 Inches**

4th OBSERVATIONS OF JANUARY 16, 2003 STORM (Light Mid-January Snow)

Obs. Num.	Time of Observation 01-16-2003	Total Frozen Precip. Inches	Total Melted Precip. Inches	Temp. °F	Remarks for the Time Period
0	1655 hrs.	0.0	0.00	26.0	Snow started first flakes at 1655
1	1800 hrs.	Trace	Trace	24.5	Stopped snowing shortly after starting. We are now in between bands of precip.--- Next precip. area now just south of Fredericksburg
2	1900 hrs.	Trace	Trace	24.1	Next precip. area now entering Prince William County. Precip. is moving fast toward the NE.
3	2000 hrs.	Trace	Trace	24.5	Snow started again at 1950 but was still very light at 2000.
4	2100 hrs.	0.2	0.01	23.8	Moderate snow has started and many flakes are in the form of aggregates of many broken crystals.
5	2200 hrs.	0.3	0.02	23.6	Light snow now but snow all but stopped during much of the past hour.
6	2300 hrs.	0.8	0.05	23.7	Moderate snow during the past hour. Radar indicates snowfall totals will be less than predicted.
7	2400 hrs.	1.0	0.07	23.6	Light snow ending 1155 now only light flurries - This will be the last observation for this event.

FROZEN PRECIPITATION OBSERVATIONS

Last Date of Frozen Precip.-
Jan. 15, 2003

Amt. of Last Frozen Precip.-
1.0 Inches

For Past Snowstorms-Click here

Melted Water Equivalent-
0.07 Inches

Total Snow This Month-
5.6 Inches

Total Snow for Winter 2002 - '03
12.1 Inches

Obs. Num.	Time of Observation 01-21-2003	Total Frozen Precip. Inches	Total Melted Precip. Inches	Temp. °F	Remarks for the Time Period
0	0600 hrs.	Flurries		23.8	
1	0800 hrs.	Trace		23.6	Very Light snow started around 0800
2	1000 hrs.	0.4	0.02	24.1	Light to moderate snow
3	1100 hrs.	0.9	0.04	24.3	Radar shows Annandale near the back edge of precipitation
4	1200 hrs.	1.1	0.05	25.0	Only a few flurries now --- Accumulating snow is now over.