

1	2	3	4	5	6	7	8	9	10	11	12	13	14	17	18
2001 Sept.	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.	START TIME	END TIME
Sep-01	78	16:12	65	23:59	13	71.5	-4.0	77	2	1					
Sep-02	74	16:21	57	07:07	17	65.5	-6.0	76	0	0					
Sep-03	79	15:15	61	06:04	18	70.0	4.5	74	2	1					
Sep-04	82	15:11	66	05:26	16	74.0	4.0	74	2	1					
Sep-05	76	16:13	63	23:59	13	69.5	-4.5	74	0	0					
Sep-06	77	16:17	57	06:29	20	67.0	-2.5	74	0	0					
Sep-07	79	16:21	61	06:54	18	70.0	3.0	73	0	0					
Sep-08	81	16:29	63	07:17	18	72.0	2.0	72	0	2					
Sep-09	82	16:10	66	03:20	16	74.0	2.0	72	1	2					
Sep-10	83	14:10	67	23:56	16	75.0	1.0	73	2	2	0.95	0.86	0.33	0755	0805
Sep-11	78	16:31	61	07:55	17	69.5	-5.5	74	0	0					
Sep-12	76	16:30	58	07:45	18	67.0	-2.5	72	0	0					
Sep-13	80	16:35	59	06:55	21	69.5	2.5	71	0	0					
Sep-14	68	00:01	51	23:58	17	59.5	-10.0	71	2	1	0.18	0.16	0.03	1010	1140
Sep-15	66	16:03	47	07:19	19	56.5	-3.0	70	0	0					
Sep-16	70	16:20	49	06:54	21	59.5	3.0	68	0	0					
Sep-17	72	16:00	51	06:47	21	61.5	2.0	67	1	0					
Sep-18	76	13:59	54	06:23	22	65.0	3.5	67	1	1					
Sep-19	78	15:40	59	06:32	19	68.5	3.5	67	1	1					
Sep-20	72	16:30	65	06:02	7	68.5	0.0	68	2	2	0.49	0.19	0.05	0215	1115
Sep-21	76	16:02	62	07:15	14	69.0	0.5	69	0	1	0.13			0001	0125
Sep-22	78	15:48	65	07:13	13	71.5	2.5	69	1	2					
Sep-23	78	14:01	62	07:06	16	70.0	-1.5	70	1	1					
Sep-24	75	15:39	66	06:33	9	70.5	0.5	69	2	2	1.27	0.85	0.26	1615	1810
Sep-25	65	00:01	50	23:59	15	57.5	-13.0	69	2	1	0.28	0.19	0.02	0001	0600
Sep-26	61	15:41	43	07:21	18	52.0	-5.5	69	0	1					
Sep-27	66	16:03	49	06:03	17	57.5	5.5	67	1	1	0.04	0.03	0.01	1915	2150
Sep-28	61	13:47	46	07:21	15	53.5	-4.0	66	0	1					
Sep-29	62	13:47	49	04:12	13	55.5	2.0	64	1	1					
Sep-30	60	14:37	46	07:28	14	53.0	-2.5	64	1	2					
TOT. NUM.	2209.0	43374	1718.0	27932	491.0	1963.5	-22.5	2110.0	25.0	27.0	3.34	2.28	0.70	MAX.	TEMP
AVE.	73.63	14:36	57.27	09:31	16.37	65.45	-0.75	70.33	0.83	0.90	0.48	0.38	0.12	>=95	0
MAX.	83	16:35	67	23:59	22	75.0	5.5	CLEAR	13	10	1.27	0.86	0.33	>=85	0
MIN.	60	00:01	43	03:20	7	52.0	-13.0	PT.CLO.	9	13	>= 1.00 inch 1 DAYS		>=80	5	
>=90°		0	<=32°		0	CLO.	8	7	>=75	18			>=70	22	
DATE OF MAX. TEMP.	09-10	DATE OF MIN. TEMP.	09-26	DATE		09-24	>=65	26	>=60	30	>=55	30			

PAGE #2		Sept. 2001 Annandale (Barcroft Hills Weather Center) 38° 50' 26" N 77° 09' 56" W Stat. # 21517 Koontz																		
		19	20	21	22	23	24	25	26	27.00	28	29	30	31	32	33	34	35	36	37
2001	START	END	WIND	MAX.	MAX.	MAX.RH.	MIN.RH.	MAX.	MIN.	AVE.	BAR.	BAR.&	MAP	FEAT.	HP.LP	FRONT	FRONT	FRONT		
Sept.	TIME	TIME	DOT AVE	SUNRISE	SUNSET	SUNRISE	SUNSET	BAR.	BAR.	BAR.	CHANGE	PREC.	FEAT.	LOC#	TRACK	DIRCT.	INTEN.	PASS.		
Sep-01			5	13	13	96	54	30.03	29.81	29.92	0.03	30.00	9	WS	EAST					
Sep-02			2	8	9	92	56	30.13	30.03	30.08	0.16		9	NY	EAST					
Sep-03			0	8	9	96	67	30.11	30.00	30.06	-0.02		8	NCC	EAST					
Sep-04			2	0	11	93	68	30.02	29.91	29.97	-0.09		9	ON	EAST					
Sep-05			8		10	90	54	30.20	30.00	30.10	0.14		9	NY	STAT.					
Sep-06			0		8	94	48	30.27	30.15	30.21	0.11		9	NY	SOUTH					
Sep-07			2	0	10	96	63	30.17	30.08	30.13	-0.09		9	DEC	NE					
Sep-08			1	0	11	99	55	30.18	30.09	30.14	0.01		9R	VA-MAC	EAST					
Sep-09			5	2	11	98	66	30.23	30.12	30.18	0.04		9	MAC	NE					
Sep-10	1410	1420	2	9	12	95	76	30.15	30.06	30.11	-0.07	30.09	11			WEST	WEAK	1630		
Sep-11			6	8	12	95	51	30.25	30.13	30.19	0.09		9	IL	EAST					
Sep-12			1	2	10	90	49	30.26	30.13	30.20	0.01		9	PA	EAST					
Sep-13			0	2	9	92	59	30.19	30.02	30.11	-0.09		11			NW	STRONG			
Sep-14			16	15	17	89	55	30.22	30.00	30.11	0.00	30.22				NW	STRONG	0350		
Sep-15			5	9	14	76	45	30.26	30.13	30.20	0.09		9	MI	EAST					
Sep-16			3	5	12	90	47	30.16	30.06	30.11	-0.09		9R	MI-PA	EAST					
Sep-17			2	4	11	93	43	30.17	30.06	30.12	0.01		9	PA	STAT.					
Sep-18			0	5	8	96	54	30.09	30.00	30.05	-0.07		9R	PA-SC	EAST					
Sep-19			6		14	98	57	30.12	30.05	30.09	0.04		9R	QU-VAC	EAST					
Sep-20	2240	2400	0		7	98	82	30.10	29.99	30.05	-0.04	30.10	11			WEST	AVE.			
Sep-21			0	9	8	100	65	30.09	29.99	30.04	-0.01	30.03	9R	TN-WV	EAST					
Sep-22			0	6	10	100	58	30.07	29.98	30.03	-0.02		11			WEST	V.WEAK			
Sep-23			0	7	10	93	57	30.11	29.99	30.05	0.02		9	PA	NE					
Sep-24	2030	2400	2	5	17	100	87	30.02	29.72	29.87	-0.18	29.74	11			WEST	STRONG			
Sep-25			1	17	18	99	61	30.04	29.74	29.89	0.02		11, 9	MN	SE	WEST	STRONG	0130		
Sep-26			0	13	14	94	55	30.08	29.96	30.02	0.13		9	AR	EAST					
Sep-27			0	0	12	92	53	30.03	29.92	29.98	-0.04	29.96	11			NW	WEAK			
Sep-28			2		17	97	60	30.09	29.98	30.04	0.06		9R	MI-AR	STAT.					
Sep-29			2	12	13	93	63	30.18	30.08	30.13	0.09		8	PA	SE					
Sep-30			4	10	16	90	55	30.19	30.09	30.14	0.01		8	VA	STAT.					
MIN.	TEMP	TOT.	77	169	353	2824	1763	904.21	900.27	902.24	0.25	210.14	WX.	FEAT.		EXTREMES	DATE			
<=75	30	NUM.	30	25	30	30	30	30.00	30	30	30	7	LOW	PR.=	3	MAX.	TEMP.	09-10		
<=70	30	AVE.	2.57	6.76	11.77	94.13	58.77	30.14	30.01	30.07	0.01	30.02	HIGH	PR.=	14	MIN.	TEMP.	09-26		
<=65	26	MAX.	16	17	18	100	87	30.27	30.15	30.21	0.16	30.22	ELONG	HP.=	6					
<=60	16	MIN.	0	0	7	76	43	30.02	29.72	29.87	-0.18	29.74	COLD	FRO.=	7	MAX.	PREC.	09-24		
<=55	11	MED.	2	7	11	95	57	30.14	30.01	30.09	0.01	30.03	WARM	FRO.=	0	MAX.	A.WIND	09-25		
<=50	8			DATE	09-25	09-25		DATE	09-06	09-24				STAT.	FRO.=	0	MAX.	P.WIND	09-25	
<=45	1			MAX.				MAX.						ALL	HPS.=	20	MAX.	BAR.	09-06	
<=40	0			WIND				BAR.									MIN.	BAR.	09-24	

Annandale (Barcroft Hills Weather Center) 38° 50' 26" N 77° 09' 56" W Stat. # 21517 Koontz

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**2001
Sept.**

REMARKS FOR THE MONTH

Sep-01	COOLEST DAY SINCE JULY 30TH
Sep-02	COOLEST FOR DATE SINCE 1991 AND LOWEST MIN. SINCE JULY 3, 2001
Sep-03	
Sep-04	
Sep-05	PLEASANT FALL LIKE WEATHER
Sep-06	PLEASANT FALL LIKE WEATHER
Sep-07	
Sep-08	
Sep-09	
Sep-10	MOST OF THE RAIN FELL BETWEEN 1625-1640 A TOTAL OF 0.74 INS. IN 15 MINS.
Sep-11	
Sep-12	
Sep-13	
Sep-14	STRONG COLD FRONT
Sep-15	COOLEST SINCE MAY 14TH 36° MIN. AT NAKED CREEK LOCATION
Sep-16	BEAUTIFUL WEATHER
Sep-17	BEAUTIFUL WEATHER PARTLY CLOUDY IN AM FROM CIRRUS CLOUDS
Sep-18	
Sep-19	
Sep-20	
Sep-21	LIGHT FOG
Sep-22	
Sep-23	
Sep-24	TORNADO PASSED 3 1/4 MILES SE OF THIS STATION THOUGHT TO BE A F2 WHEN IT REACHED THE U. OF MARYLAND
Sep-25	
Sep-26	COLDEST SINCE 5-7-2001 ALSO A NEW 21 YEAR RECORD LOW MINIMUM FOR THE DATE
Sep-27	
Sep-28	
Sep-29	
Sep-30	

September was cool with a -2.2°F mean temperature departure and a little on the dry side with a departure of 0.85 ins.
 The highest temperature for month was 83°F which was the lowest maximum for September since 1992
 The highest minimum temperature of 67°F was the lowest since 1989 when it was 63°F.
 The highest temperature range for any day of month was 22°F which was the most since 1996 when it was also 22°F.
 The mean temperature for month of 65.45°F was the lowest since 1994.
 The highest mean temperature for any day of month was 75°F which was the lowest since 1989.
 The highest wind for month was only 18mph on the 25th which was the lowest maximum wind speed for September since 1995
 September 24th a tornado passed only 3.25 miles to the SE of this station

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What made the tornado more unusual

1. There was very little lightning associated with the storm and then only at the tornado's passing to our SE

2. Having two strong tornadoes of F3 or F4 in late September --The other tornado in Culpeper, and The Plains, Virginia

3. Having tornadoes in this area to make such a long path of destruction

4. Having a tornado of F3 to F4 strength in the Washington area

9-14-2001--Low maximum temperature

The maximum temperature today was 68°F , and equaled the 21-year low maximum temperature record for the date; the old record was set in 1996.

9-15-2001--Fall like weather

The 47° minimum temperature today was the lowest since May 14, 2001. It was also only two degrees from equaling the 21-year record low minimum for the date at this station.

9-16-2001--Cool weather

The 49° minimum was only four degrees from equaling the 21-year record low minimum for the date at this station.

The maximum temperature today was 66°F , a new 21-year low maximum temperature record for the date; the old record was 70°F in 1996.

9-26-2001--Record low minimum

The minimum temperature today was 43°F , a new 21-year low minimum temperature record for the date; the old record was 46°F in 1983.

It was also the lowest minimum since 5-7-2001 when the minimum was 40°F .

ACON VA / NC / SC SEPT. 2001 SUMMARY

OBSERVER: LOWELL L. KOONTZ

ALL 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	73.63
MEAN MINIMUM	57.27
MEAN MONTHLY	65.45
MAXIMUM	83
DATE(s) OF MAX.	09/10/2001
MINIMUM	43
DATE(s) OF MIN.	09/26/2001
# DAYS MAX. > = 90°	0
# MAX. < = 32°	0
MIN. < = 32°	0
MIN. < = 0°	0

NUMBER DAYS WITH:

THUNDER	1
HAIL	0
GLAZE	0
ICE PELLETS (SLEET)	0
DENSE FOG	0 ONLY LIGHT FOGS

WIND

MAX. GUST (MPH)	18
DIRECTION	WNW
DATE - TIME 0136	09/25/2001

PRECIPITATION:

MONTH TOTAL	3.34
DAILY MAXIMUM	1.27
DATE OF MAX.	09/24/2001
24-HR. PD. MAX.	1.55
DATE(s) OF MAX. PD.	24 TH & 25 TH
# DAYS > = 0.01"	7
# DAYS > = 1.00"	1
YR. TO DATE TOT.	32.68

SNOWFALL:

DAILY MAXIMUM	0.0
DATE OF MAX.	-
DAYS= > TRACE	0
DAYS > = 1.0"	0
MONTHLY TOTAL	0.0
00-'01 SEASON'S TOT.	12.8

BAROMETER

MAX.	30.27
DATE	09/06/2001
MIN.	29.72
DATE	09/24/2001

SEPTEMBER REMARKS:

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