PAGE #1 — Sept. 2000 — 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	17	18
2000 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
9-01-00	85	14:52	75	06:13	10	80.0	2.5	74	2	2	T			0001	0005
9-02-00	84	15:23	73	23:59	11	78.5	-1.5	75	2	2	0.93	0.92	0.47	0530	0600
9-03-00	83	16:01	73	07:13	10	78.0	-0.5	76	2	2	0.09			0001	0210
9-04-00	84	15:07	69	23:59	15	76.5	-1.5	76	2	2	0.13	0.08		1740	1800
9-05-00	69	00:01	55	23:59	14	62.0	-14.5	76	2	0					
9-06-00	68	14:57	50	07:01	18	59.0	-3.0	74	0	1					
9-07-00	70	16:05	53	04:05	17	61.5	2.5	72	0	0					
9-08-00	76	16:24	57	05:28	19	66.5	5.0	71	1	1					
9-09-00	82	16:21	66	06:43	16	74.0	7.5	71	2	1	T			0845	0850
9-10-00	81	14:05	66	06:56	15	73.5	-0.5	73	1	1					
9-11-00	80	15:25	67	06:53	13	73.5	0.0	73	2	2					
9-12-00	82	16:23	69	06:51	13	75.5	2.0	73	1	1					
9-13-00	80	13:56	66	23:59	14	73.0	-2.5	74	1	0					
9-14-00	79	14:43	62	04:37	17	70.5	-2.5	74	2	1					
9-15-00	73	00:01	55	23:59	18	64.0	-6.5	72	1	1	T				
9-16-00	65	13:52	50	06:44	15	57.5	-6.5	70	0	1					
9-17-00	68	16:09	47	07:26	21	57.5	0.0	69	0	0					
9-18-00	72	14:22	53	06:53	19	62.5	5.0	68	1	2					
9-19-00	66	12:54	58	23:57	8	62.0	-0.5	69	2	2	0.94	0.43	0.16	0400	0720
9-20-00	80	14:14	56	04:50	24	68.0	6.0	68	0	0					
9-21-00	74	15:54	60	23:16	14	67.0	-1.0	68	1	0					
9-22-00	69	14:06	51	07:28	18	60.0	-7.0	68	0	1					
9-23-00	73	16:13	61	00:21	12	67.0	7.0	67	2	2	0.01			0730	0900
9-24-00	79	13:37	65	23:59	14	72.0	5.0	68	2	2					
9-25-00	65	00:01	50	23:59	15	57.5	-14.5	68	2	2	2.11	0.30	0.05	0320	0355
9-26-00	52	15:45	47	03:37	5	49.5	-8.0	65	2	2	0.46	0.11	0.02	0001	1040
9-27-00	65	14:10	46	07:22	19	55.5	6.0	64	0	0					
9-28-00	70	14:10	51	06:34	19	60.5	5.0	64	0	0					
9-29-00	62	14:10	44	07:41	18	53.0	-7.5	63	0	0					
9-30-00	65	14:08	45	07:07	20	55.0	2.0	62	0	0					
TOTAL	2201.0	39889	1740.0	33549	461.0	1970.5	-22.5	2105.0	33.0	31.0	4.67	1.84	0.70	MAX.	TEMPS
NUMBER	30	30	30	30	30	30	30	30	30	30	7	5	4	>=95	0
AVE.	73.37	13:26	58.00	11:26	15.37	65.68	-0.75	70.17	1.10	1.03	0.67	0.37	0.18	>=85	1
MAX.	85	16:24	75	23:59	24	80.0	7.5							>=80	10
MIN.	52	00:01	44	00:21	5	49.5	-14.5							>=75	13
DAY>=90°	0		<=32°DAYS	0										>=70	19
DATE OF MAX. TEMP.	9-1-00	DATE OF MIN. TEMP.	9-29-00											>=65	28
														>=60	29
														>=55	29

	10	11
CLEAR	10	10
PT.CLO.	7	9
CLOUDY	13	11

	11	12
DATE MAX. PREC.		9-25-00

>= 1.00 inch — 1 DAYS

PAGE #2 Sept. 2000 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
2000 Sept.	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.
9-01-00			0	6	9	97	68	30.15	30.04	30.10	0.00		8	TN	EAST			
9-02-00	1605	1825	0	4	16	96	74	30.09	29.97	30.03	-0.06	30.04	8	NC	SOUTH			
9-03-00	2000	2300	0	2	10	97	75	29.97	29.87	29.92	-0.11	29.97	8	GA	SOUTH			
9-04-00	2230	2320	0	7	13	97	68	30.04	29.84	29.94	0.02	29.86	11			NORTH	AVE	2300
9-05-00			0	14	15	92	79	30.35	30.04	30.20	0.26		9	ON	EAST			
9-06-00			0	4	17	95	57	30.46	30.35	30.41	0.21		9	QU	EAST			
9-07-00			0	13	9	95	58	30.43	30.25	30.34	-0.07		9	NJ	SSE			
9-08-00			0	5	11	98	69	30.27	30.13	30.20	-0.14		9R	VA-MAC	SE			
9-09-00			0	0	7	92	67	30.18	30.11	30.15	-0.05		9	WA	EAST			
9-10-00			0	0	10	99	69	30.19	30.10	30.15	0.00		9	NC	STAT.			
9-11-00			0	0	10	98	65	30.20	30.09	30.15	0.00		9R	VA-MEC	EAST			
9-12-00			0	7	15	100	70	30.11	29.92	30.02	-0.13		11			NW	WEAK	
9-13-00			4	9	14	93	59	30.03	29.93	29.98	-0.04		9	PA	EAST			
9-14-00			0	6	8	90	61	30.07	29.77	29.92	-0.06		11			NW	AVE	
9-15-00			26	6	35	96	47	29.90	29.71	29.81	-0.12		11			WNW	AVE	1645
9-16-00			19	6	21	87	53	30.01	29.87	29.94	0.14		9	IL	SE			
9-17-00			2	12	12	90	46	30.22	30.08	30.15	0.21		9R	MO-VA	SE			
9-18-00			0	3	7	95	51	30.20	30.10	30.15	0.00		9, 8	VA	SE			
9-19-00	1140	1510	6	16	22	98	88	30.11	29.81	29.96	-0.19	30.04	8	VA	NE			
9-20-00			0	16	10	100	62	30.01	29.87	29.94	-0.02		8, 11	MAC	NE	WNW	AVE.	
9-21-00			18	25	23	93	48	30.12	29.97	30.05	0.11		11	IL	EAST	WNW	AVE.	0600
9-22-00			1	12	9	93	53	30.27	30.12	30.20	0.15		9	ON	EAST			
9-23-00			0	9	8	97	82	30.17	29.90	30.04	-0.16	30.10	8	SC	NE			
9-24-00			3	5	15	99	73	29.93	29.79	29.86	-0.18		11			NW	STRONG	1800
9-25-00	0520	2400	2	14	14	100	78	30.02	29.85	29.94	0.08	29.92	8	ENE	ENE			
9-26-00	1350	1435	7	16	15	100	94	30.14	29.84	29.99	0.05	29.88	8	VAC	NE			
9-27-00			0	13	12	100	62	30.25	30.13	30.19	0.20		9R	AK-KY	SOUTH			
9-28-00			0	7	9	96	57	30.21	30.14	30.18	-0.01		11			NNW	WEAK	1715
9-29-00			0	13	10	89	51	30.45	30.31	30.38	0.20		9	NY	EAST			
9-30-00			0	6	8	99	61	30.41	30.25	30.33	-0.05		9	MAC	EAST			
TOT.			88	256	394	2871	1945	904.96	900.15	902.56	0.23	209.81						
NUM.			30	30	30	30	30	30.00	30	30	30	7						
AVE.			2.93	8.53	13.13	95.70	64.83	30.17	30.01	30.09	0.01	29.97						
MAX.			26	25	35	100	94	30.46	30.35	30.41	0.26	30.10						
MIN.			0	0	7	87	46	29.90	29.71	29.81	-0.19	29.86						
MED.			0	7	12	97	64	30.16	30.01	30.07	-0.01	29.97						
			DATE MAX. WIND	9-21-00	9-15-00		DATE MAX. BAR.	9-06-00	9-15-00									

MINIMUM TEMPS	
<=75	30
<=70	27
<=65	21
<=60	18
<=55	14
<=50	8
<=45	2
<=40	0

WEATHER FEATURES		
LOW	PR.=	9
HIGH	PR.=	11
ELONG	HP.=	4
COLD	FRO.=	8
WARM	FRO.=	0
STAT.	FRO.=	0
ALL	HPS.=	15

DATES OF EXTREMES	
MAX.TEMP.	9-01-00
MIN.TEMP.	9-29-00
MIN.TEMP.	
MAX.PREC.	9-25-00
MAX.AM WIND	9-21-00
MAX.PM WIND	9-15-00
MAX. BAR.	9-06-00
MIN. BAR.	9-15-00

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

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2000 Sept.	REMARKS FOR THE MONTH
9-01-00	WARMEST NIGHT OF THE YEAR SO FAR
9-02-00	RAIN PERIOD FROM 2310-2400 THUNDERSTORM
9-03-00	
9-04-00	
9-05-00	
9-06-00	HIGHEST BAROMETER SINCE APRIL 13, 2000 WHEN IT WAS 30.60 INCHES
9-07-00	
9-08-00	
9-09-00	
9-10-00	
9-11-00	
9-12-00	
9-13-00	
9-14-00	
9-15-00	ONLY SPRINKLES IN THE LATE AFTERNOON
9-16-00	
9-17-00	COOLEST NIGHT SINCE MAY 31, 2000
9-18-00	TROPICAL STORM OFF WEST FLA. COAST
9-19-00	LOW PRESSURE FROM TROPICAL STORM GORDON PASSED TO THE EAST OF THIS STATION
9-20-00	
9-21-00	
9-22-00	
9-23-00	
9-24-00	A STRONG COLD FRONT PASSED AT 1800 TODAY
9-25-00	VERY DAMP CHILLY FALL LIKE RAINY DAY
9-26-00	LOWEST MAXIMUM ON RECORD FOR THE DATE AT REAGAN NATIONAL AIRPORT TODAY 24 HOUR RAIN TOTAL 25-26 WAS 2.28 INCHES
9-27-00	
9-28-00	
9-29-00	COOLEST NIGHT SINCE MAY 1, 2000
9-30-00	BEAUTIFUL FALL LIKE MORNING

Sept. was again cooler and wetter than average for the third month in a row. The mean temp.was 65.7° dep. -2.1°
The total precip. for Sept. was 4.67 inches a dep. of +0.50 inches. but last year's 11.33 inches of rain for Sept. has skewed the ave.
We only had 7 days with rain, which is the least since 1994 but was the third cloudiest Sept. in the last 15 years.
Only four days of Sept. in the last 15 years has recorded more rain on any one-day than on the 25th.
On Sept. 26th Bob Ryan reported the lowest max. temp. ever recorded for the date at National Airport.
The max. temp. here on the 26th was 52° which was not only the lowest for the date but the lowest max. temp. ever in Sept. (20 yrs of records)
The old record was 53° which was set in Sept.1994. The 44° min. of the 29th was lowest temp. rec. in Sept. since 1991.
The min. temperature of =< 50° occurred on ten days. That is the greatest number in Sept. since 1991.
The high barometer of 30.46 inches of mercury was the highest recorded in Sept. since 1991.

ACON VA / NC / SC Sep. 2000 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	73.37
MEAN MINIMUM	58.00
MEAN MONTHLY	65.68
MAXIMUM	85
DATE(s) OF MAX.	09/01/2000
MINIMUM	44
DATE(s) OF MIN.	09/29/2000
# DAYS MAX. > = 90°	0
# MAX. < = 32°	0
MIN. < = 32°	0
MIN. < = 0°	0

NUMBER DAYS WITH:

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

WIND

MAX. GUST (MPH)	35
DIRECTION	WEST
DATE	09/15/2000

PRECIPITATION:

MONTH TOTAL	4.67
DAILY MAXIMUM	2.11
DATE OF MAX.	09/25/2000
24-HR. PD. MAX.	2.28
DATE(s) OF MAX. PD.	25TH & 26TH
# DAYS > = 0.01"	7
# DAYS > = 1.00"	1
YR. TO DATE TOT.	41.87

SNOWFALL:

DAILY MAXIMUM	0.0
DATE OF MAX.	-
DAYS= > TRACE	0
DAYS > = 1.0"	0
MONTHLY TOTAL	0.0
PAST '99-'00 TOT.	19.1

BAROMETER

MAX.	30.46
DATE	09/06/2000
MIN.	29.71
DATE	09/15/2000

SEPTEMBER REMARKS:

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The max. temp. here on the 26th was 52° which was not only the lowest for the date but the lowest max. temp. ever in Sept. (20 yrs of records)

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The min. temperature of =< 50° occurred on ten days. That is the greatest number in Sept. since 1991.

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