

LOCAL CLIMATOLOGICAL DATA Monthly Summary



R.E. BYRD INTERNATIONAL AP.

LATITUDE 37° 30' N LONGITUDE 77° 20' W ELEVATION (GROUND) 164 FEET TIME ZONE EASTERN 13740

SEP 1988
 RICHMOND, VA

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 177 FEET ABOVE M.S.L.	WIND (M.P.H.)				SUNSHINE		SKY COVER (TENTHS)				
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEN POINT	HEATING ISEASON BEGINS WITH JUL	COOLING ISEASON BEGINS WITH JAN			WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)		RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST	FASTEST 1-MIN	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT		
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	81	57	69	-5	57	0	4		0	0.00	0.0	30.090	05	3.6	4.6	16	E	10	07	720	92	4	3
02	82	56	69	-5	60	0	4		0	0.00	0.0	30.050	04	3.9	5.1	15	E	9	07	708	91	4	4
03	86	58	72	-2	63	0	7	1	0	0.00	0.0	29.855	12	4.4	5.9	16	E	13	10	543	70	5	5
04	82	69	76	2	71	0	11	1	0	0.32	0.0	29.520	19	8.7	14.6	39	SW	26	24	15	2	10	10
05	80	65	73	-1	61	0	8	1	0	0.08	0.0	29.450	27	9.1	11.1	23	W	15	27	462	60	5	6
06	68	53	61	-12	51	4	0		0	0.00	0.0	29.740	03	7.7	8.4	17	SE	12	04	61	8	10	8
07	73	49	61	-12	47	4	0		0	0.00	0.0	29.930	03	5.9	7.0	22	NE	13	03	689	90	1	1
08	73	48*	61	-12	54	4	0	1	0	T	0.0	29.950	03	7.6	8.1	20	NE	15	05	121	16	7	6
09	74	64	69	-3	66	0	4	1	0	1.06	0.0	29.890	03	2.1	4.1	9	S	8	11	0	0	10	10
10	83	66	75	3	66	0	10	1	0	0.22	0.0	29.920	32	3.8	4.6	15	N	10	34	117	15	7	7
11	84	61	73	1	61	0	8	1	8	0.00	0.0	30.020	36	3.3	3.7	14	N	10	31	138	18	8	6
12	82	59	71	-1	63	0	6	1	8	0.00	0.0	30.020	09	4.7	5.5	14	E	8	11	264	35	7	5
13	89	65	77	6	67	0	12	1	8	T	0.0	29.780	22	8.3	10.3	28	W	15	25	692	92	3	5
14	77	60	69	-2	61	0	4	1	8	0.00	0.0	29.820	02	5.3	6.3	21	NE	14	01	312	42	6	6
15	76	56	66	-5	53	0	1		0	0.00	0.0	30.050	02	6.0	6.9	21	N	15	34	747	100	0	0
16	73	50	62	-8	50	3	0		0	0.00	0.0	30.220	07	4.3	5.2	14	E	9	07	470	63	7	6
17	67	54	61	-9	59	4	0	1	8	0.01	0.0	30.080	14	2.3	3.4	10	S	8	15	50	7	10	9
18	82	64	73	3	66	0	8	1	8	T	0.0	29.950	20	3.8	5.2	13	SE	9	17	185	25	9	9
19	84	60	72	3	67	0	7	2	8	0.00	0.0	29.890	14	4.2	5.1	14	E	10	11	147	20	9	8
20	86	71	79*	10	70	0	14		0	T	0.0	29.840	17	9.5	11.9	25	SW	17	19	294	40	7	8
21	84	62	73	4	61	0	8		8	0.00	0.0	29.805	32	4.2	7.4	20	NW	12	03	659	90	1	2
22	80	53	67	-1	56	0	2		8	0.00	0.0	29.825	36	1.6	5.7	20	N	14	03	705	97	3	3
23	91*	58	75	7	65	0	10		8	T	0.0	29.660	24	7.7	10.7	28	SW	18	24	696	96	3	5
24	78	59	69	2	61	0	4		8	0.01	0.0	29.800	03	9.0	10.1	18	N	15	36	102	14	10	9
25	61	56	59*	-8	57	6	0	1	8	0.04	0.0	29.880	02	8.1	8.5	16	N	12	05	0	0	10	10
26	74	54	64	-3	55	1	0	1	0	0.00	0.0	29.980	01	6.3	6.9	18	NE	12	02	696	97	3	3
27	78	52	65	-1	55	0	0	1	0	0.00	0.0	30.030	05	3.7	5.2	14	NE	9	04	718	100	0	0
28	81	50	66	0	58	0	1	2	8	0.00	0.0	30.010	12	1.0	2.5	14	E	7	23	605	84	8	5
29	72	56	64	-1	59	1	0	1	8	0.00	0.0	30.160	03	9.4	9.7	20	NE	14	03	34	5	10	7
30	78	59	69	4	59	0	4	1	8	0.00	0.0	30.140	01	1.3	4.1	12	W	9	26	334	47	8	7
SUM	SUM				TOTAL	TOTAL	NUMBER OF DAYS			TOTAL	TOTAL	FOR THE MONTH:				TOTAL	%	SUM	SUM				
2359	1744				27	137				1.74	0.0	29.910	03	1.7	6.9	39	SW	26	24	11284	FOR	185	173
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION			DEP.						DATE: 4	DATE: 4	POSSIBLE	MONTH	AVG.	AVG.		
78.6	58.1	68.4	-1.8	59.8	3	-43	≥ .01 INCH.		7	-1.78								22363	50	6.2	5.8		
NUMBER OF DAYS					SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF										
					TOTAL	TOTAL	≥ 1.0 INCH						SNOW, ICE PELLETS OR ICE AND DATE										
MAXIMUM TEMP.		MINIMUM TEMP.		DEP.		DEP.		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS											
≥ 90°		≤ 32°		≤ 32°		≤ 0°				1.28		09-10		0.0									
1		0		0		3		151		CLEAR 8		PARTLY CLOUDY 10		CLOUDY 12									

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 T TRACE AMOUNT.
 + ALSO ON EARLIER DATE(S).
 HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS. COLS 16 & 17: PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED. ONE OF TWO WIND SPEEDS IS GIVEN UNDER COLS 18 & 19: FASTEST MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED ONE MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF DEGREES). ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

Kenneth D. Nadeau

DIRECTOR NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

SEP 1988
RICHMOND, VA

13740

HOUR L.S.T.	SKY COVER (TENTHS)			VISI-BILITY	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	SKY COVER (TENTHS)			VISI-BILITY	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	SKY COVER (TENTHS)			VISI-BILITY	WEATHER	TEMPERATURE				WIND																																																							
	0-3	4-7	8-10			AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		0-3	4-7	8-10			AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		0-3	4-7	8-10			AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																																						
SEP 1st																														SEP 2nd																														SEP 3rd																													
01	0	UNL	10			60	59	58	93	00	0	0	UNL	10			58	57	56	93	00	0	2	UNL	10			63	62	61	93	00	0																																																								
04	0	UNL	10			58	57	57	97	36	4	0	UNL	10			57	56	55	93	36	4	8	UNL	10			59	58	58	97	00	0																																																								
07	4	UNL	7			61	59	58	90	00	0	2	UNL	7			60	58	57	90	35	6	4	UNL	5	F	61	60	60	97	00	0																																																									
10	2	UNL	7			76	66	59	56	03	8	4	UNL	7			74	66	61	64	07	8	5	UNL	7		76	70	66	71	12	6																																																									
13	5	UNL	7			79	66	57	47	03	8	5	UNL	7			79	67	60	52	34	4	4	UNL	7		82	69	61	49	26	7																																																									
16	4	UNL	8			79	64	54	42	07	9	5	UNL	10			78	68	62	58	06	6	4	UNL	7		83	70	62	49	20	5																																																									
19	4	UNL	10			69	61	56	63	10	4	8	40	10			74	67	63	69	10	4	7	UNL	7		75	69	66	74	10	8																																																									
22	0	UNL	10			61	58	55	81	00	0	5	UNL	10			67	64	62	84	00	0	10	250	7		70	67	65	84	10	9																																																									
SEP 4th																														SEP 5th																														SEP 6th																													
01	10	80	7			71	68	66	84	11	10	10	25	7			70	69	69	97	24	8	5	UNL	10		64	59	56	75	02	8																																																									
04	10	12	4		F	70	69	69	97	36	4	10	30	7			68	67	67	97	25	11	8	90	10		61	56	51	70	02	10																																																									
07	10	8	4		F	73	72	71	94	12	13	6	90	7			67	66	65	93	26	8	10	50	10		61	54	48	63	03	9																																																									
10	10	13	7			78	75	73	85	15	16	0	UNL	10			75	65	58	56	29	12	10	60	10		61	55	49	65	01	9																																																									
13	10	30	7		RH	80	76	74	82	21	15	3	UNL	10			79	65	56	45	27	13	10	60	10		65	57	50	59	04	6																																																									
16	10	30	10			82	75	71	69	24	15	7	50	10			78	65	56	47	27	12	8	60	10		67	57	48	51	04	10																																																									
19	10	25	10			77	72	70	79	24	12	2	UNL	10			72	64	58	62	27	7	9	60	10		63	59	55	75	10	4																																																									
22	10	25	6		RH	72	71	70	94	23	10	8	60	10			69	63	59	71	02	7	4	UNL	10		56	54	53	90	01	5																																																									
SEP 7th																														SEP 8th																														SEP 9th																													
01	0	UNL	10			52	51	49	90	02	6	0	UNL	15			52	51	49	90	03	3	10	15	5		65	63	62	90	35	5																																																									
04	0	UNL	10			49	48	47	93	36	6	0	UNL	15			48	48	47	96	02	7	10	15	5	F	65	63	62	90	33	4																																																									
07	0	UNL	10			53	51	49	86	36	6	2	UNL	7			54	52	50	86	02	8	10	15	7		66	64	62	87	36	5																																																									
10	0	UNL	10			65	56	48	54	35	10	5	UNL	15			69	58	50	51	05	13	10	25	7		69	66	64	84	06	4																																																									
13	2	UNL	15			71	57	44	38	06	8	10	40	15			73	61	53	50	04	8	10	15	7		74	69	66	76	10	4																																																									
16	3	UNL	15			72	58	46	40	08	8	10	80	10			70	63	58	66	06	7	10	10	1	R	69	69	69	100	10	5																																																									
19	1	UNL	15			62	55	48	60	10	6	10	50	7			68	63	60	76	02	6	10	8	1	R	68	68	68	100	17	3																																																									
22	0	UNL	15			55	52	50	83	03	4	10	18	2	8	LF	64	63	63	97	03	6	10	15	1	R	69	68	68	97	36	3																																																									
SEP 10th																														SEP 11th																														SEP 12th																													
01	10	12	1	8	RF	68	68	68	100	34	5	4	UNL	4	FH	64	63	63	97	00	0	4	UNL	6	F	61	60	60	97	00	0																																																										
04	10	30	6		RF	68	67	67	97	32	5	4	UNL	4	FH	63	63	63	100	00	0	0	UNL	6	F	59	58	58	97	05	6																																																										
07	10	UNL	6		F	67	66	66	97	25	5	10	UNL	4	FH	64	63	62	93	36	3	7	UNL	1	B	61	61	61	100	04	4																																																										
10	7	UNL	10			76	70	66	71	00	0	9	UNL	5	H	76	67	62	62	01	7	8	250	7		72	66	63	73	10	7																																																										
13	5	UNL	15			82	72	66	59	26	6	9	UNL	7			82	67	58	44	36	4	8	150	7		80	70	64	58	11	3																																																									
16	8	250	10			81	69	62	53	35	6	5	UNL	7			82	66	55	40	36	7	5	UNL	5	H	82	71	65	57	14	3																																																									
19	8	250	6		H	73	70	68	84	00	0	3	UNL	7			71	67	64	79	00	0	7	UNL	4	H	73	69	67	82	10	6																																																									
22	5	UNL	4		H	67	66	66	97	00	0	2	UNL	7			64	63	62	93	00	0	4	UNL	4	H	67	65	64	90	10	7																																																									
SEP 13th																														SEP 14th																														SEP 15th																													
01	7	UNL	5		F	67	65	64	90	12	8	3	UNL	5	F	74	71	70	87	26	5	0	UNL	7		60	58	57	90	33	3																																																										
04	9	250	7			68	65	63	84	18	11	7	250	6	FH	73	70	69	87	01	5	0	UNL	7		57	56	55	93	35	4																																																										
07	6	250	5		H	69	65	62	79	21	10	3	UNL	4	H	69	65	63	81	04	7	0	UNL	8		60	57	54	81	35	8																																																										
10	3	UNL	6		H	79	71	66	65	23	13	3	UNL	5	H	72	64	59	64	36	11	0	UNL	10		72	61	53	51	04	10																																																										
13	1	UNL	6		H	87	75	70	57	25	13	8	250	7			75	65	58	56	01	5	1	UNL	15		76	61	50	40	34	13																																																									
16	6	UNL	6		H	88	76	71	57	25	8	10	33	10			72	61	53	51	04	7	0	UNL	15		74	60	50	43	04	8																																																									
19	9	50	7			82	75	72	72	24	7	10	32	10			69	63	58	68	05	4	0	UNL	15		65	58	52	63	05	3																																																									
22	7	UNL	6		H	74	71	70	87	24	4	4	UNL	10			63	60	58	84	01	3	0	UNL	15		59	55	51	75	07	7																																																									
SEP 16th																														SEP 17th																														SEP 18th																													
01	0	UNL	15			55	53	51	87	04	3	4	UNL	7			55	53	52	90	00	0	10	45	6	F	65	64	64	97	11	3																																																									
04	0	UNL	7			53	52	51	93	01	4	7	UNL	7			55	54	53	93	10	3	10	25	4	LF	65	64	64	97	23	4																																																									
07	2	UNL	7			53	52	51	93	35	5	10	250	7			59	57	56	90	00	0	9	25	5	F	66	65	65	97	24	5																																																									
10	5	UNL	10			68	58	49	51	09	7	10	55	6	H	64	61	58	81	18	4	10	8	8		71	68	67	87	23	6																																																										
13	10	250	10			71	59	49	46	08	6	10	90	10			66	63	61	84	20	5	9	20	15		77	71	67	71	17	5																																																									
16	10	250	8			71	58	47	43	10	7	10	120	6	L	65	64	63	93	12	3	9	80	15		79	71	66	65	17	8																																																										
19	10	UNL	8			62	57	52	70	10	4	10	40	6	F	64	63	63	97	10	3	9	UNL	10		72	68	66	82	21	5																																																										
22	10	UNL	8			58	55	52	81	10	3	10	50	6	F	64	63	63	97	10	3	4	UNL	10		66	65	65	97	10	3																																																										

WEATHER CODES

- * TORNADO
- T THUNDERSTORM
- O SQUALL
- R RAIN
- RW RAIN SHOWERS
- ZR FREEZING RAIN
- L DRIZZLE
- ZL FREEZING DRIZZLE
- S SNOW
- SW SNOW SHOWERS
- SG SNOW GRAINS
- SP SNOW PELLETS
- IC ICE CRYSTALS
- IP ICE PELLETS
- IPW ICE-PELLET SHOWERS
- A HAIL
- F FOG
- IF ICE FOG
- GF GROUND FOG
- BD BLOWING DUST
- BN BLOWING SAND
- BS BLOWING SNOW
- BY BLOWING SPRAY
- K SMOKE
- H HAZE
- O DUST

CEILING: UNL INDICATES UNLIMITED
 WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. AN ENTRY OF 00 INDICATES CALM
 SPEED: THE OBSERVED AVERAGE ONE-MINUTE VALUE, EXPRESSED IN KNOTS (MPH-KNOTS X 1.15).

OBSERVATIONS AT 3-HOUR INTERVALS

SEP 1988
RICHMOND, VA 13740

HOUR L.S.T.	SKY COVER (TENTHS)	VISI-BILITY		WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	VISI-BILITY		WEATHER	TEMPERATURE				WIND																																					
		CEILING IN HUNDREDS OF FEET	WHOLE MILES		16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION		SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET		WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																		
																							CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																									
SEP 19th																			SEP 20th																			SEP 21st																		
01	4	UNL	7		64	63	63	97	00	0	10	100	8		71	70	69	93	11	7	6	55	10		73	71	70	90	21	8																										
04	3	UNL	5	F	62	62	62	100	00	0	10	90	8		71	70	69	93	12	8	1	UNL	7	H	71	70	69	93	26	6																										
07	9	100	2	FH	63	62	62	97	10	3	9	30	8		71	70	69	93	12	8	0	UNL	6		69	68	67	93	30	7																										
10	9	250	5		78	73	70	77	25	4	8	250	10		81	73	69	67	19	11	0	UNL	8		77	65	57	50	03	6																										
13	8	150	10		81	74	70	69	18	6	9	250	15		83	74	70	65	18	14	1	UNL	15		83	66	55	38	18	3																										
16	9	250	10		82	74	70	67	14	7	5	UNL	15		84	75	71	65	20	11	2	UNL	15		82	66	56	41	32	7																										
19	10	80	10		76	71	69	79	11	8	8	250	10		77	73	71	82	11	6	3	UNL	15		74	64	58	58	30	5																										
22	8	UNL	8		73	70	69	87	11	7	5	UNL	10		76	73	71	85	19	10	4	UNL	10		68	62	57	68	03	9																										
SEP 22nd																			SEP 23rd																			SEP 24th																		
01	7	UNL	8		62	59	56	81	05	5	0	UNL	7		60	59	58	93	11	5	8	100	7		77	72	70	79	31	5																										
04	4	UNL	7	H	57	55	54	90	00	0	2	UNL	7		60	59	58	93	12	5	4	UNL	7		73	70	68	84	01	8																										
07	7	UNL	6		59	56	54	84	02	8	2	UNL	7		62	61	60	93	11	7	10	100	7		71	67	65	81	05	9																										
10	3	UNL	7		69	60	54	59	02	8	4	UNL	7		79	68	61	54	23	12	10	80	8		73	66	61	66	04	11																										
13	3	UNL	10		76	64	56	50	30	5	0	UNL	7		88	73	66	48	25	15	10	20	10		72	65	60	66	03	9																										
16	0	UNL	10		79	64	54	42	34	6	3	UNL	10		88	74	68	52	24	15	10	35	10		69	60	54	59	08	7																										
19	2	UNL	10		68	63	59	73	11	4	8	UNL	7		82	74	70	67	25	9	10	30	10		65	59	54	68	36	13																										
22	0	UNL	8		62	60	59	90	15	4	10	120	6	H	79	73	70	74	26	11	10	23	10		60	57	55	84	04	10																										
SEP 25th																			SEP 26th																			SEP 27th																		
01	10	7	3	RF	58	57	57	97	36	10	10	5	5	F	58	57	57	97	36	7	0	UNL	10		53	53	52	96	00	0																										
04	10	6	5	F	57	56	55	93	01	9	4	UNL	7		56	55	55	97	35	6	0	UNL	7		52	52	51	96	36	5																										
07	10	8	2	RF	56	55	55	97	03	7	2	UNL	6	F	55	55	54	97	36	8	0	UNL	4	F	55	55	54	97	36	5																										
10	10	5	1	LF	57	56	56	97	03	7	3	UNL	8		66	60	55	68	06	8	0	UNL	8		69	63	58	68	03	5																										
13	10	6	7		59	58	58	97	01	6	7	28	10		69	61	56	63	36	8	1	UNL	8		76	63	54	47	09	6																										
16	10	6	5	F	60	59	58	93	03	6	2	UNL	10		72	63	56	57	02	8	0	UNL	10		77	64	55	47	08	4																										
19	10	5	2	LF	59	59	59	100	35	7	0	UNL	15		64	59	56	75	01	3	0	UNL	10		64	61	58	81	10	5																										
22	10	5	6	F	59	58	58	97	01	8	0	UNL	10		56	55	54	93	00	0	0	UNL	10		60	58	56	87	10	5																										
SEP 28th																			SEP 29th																			SEP 30th																		
01	0	UNL	7		55	55	55	100	00	0	0	UNL	7		57	57	57	100	03	4	10	50	7		59	58	57	93	35	7																										
04	3	UNL	7		52	52	51	96	00	0	0	UNL	5		58	58	58	100	01	8	10	15	7		60	58	57	90	34	4																										
07	10	1	0	F	59	59	59	100	26	4	10	38	3	F	59	58	58	97	01	7	10	11	7		60	59	58	93	03	3																										
10	7	UNL	2		68	64	62	81	12	3	9	12	3	F	67	63	61	81	06	9	10	14	7		68	63	60	76	12	3																										
13	7	UNL	8		79	67	59	51	11	5	10	20	7		72	65	61	69	03	12	8	28	7		76	67	61	60	26	6																										
16	8	250	8		77	65	58	52	10	5	10	30	7		68	63	60	76	02	11	6	UNL	7		74	65	59	60	10	3																										
19	4	UNL	8		67	63	61	81	00	0	10	16	7		63	60	58	84	02	7	3	UNL	6	H	66	63	61	84	11	3																										
22	0	UNL	7		62	61	60	93	00	0	8	25	7		60	58	57	90	36	6	2	UNL	5	F	60	59	58	93	00	0																										

SUMMARY BY HOURS

HOUR L.S.T.	SKY COVER (TENTHS)	AVERAGES							RESULTANT WIND	
		STATION PRESSURE (INCHES)	TEMPERATURE				WIND SPEED (MPH)	DIRECTION	SPEED (MPH)	
			AIR TEMP OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %				
										AIR TEMP OF
01	5	29.900	62	61	60	91	4.9	03	1.9	
04	5	29.900	61	60	59	93	6.0	01	2.5	
07	6	29.930	62	61	59	91	6.8	01	2.7	
10	6	29.950	72	64	60	68	9.1	05	3.0	
13	7	29.920	76	66	60	58	9.1	34	1.3	
16	6	29.880	76	66	59	58	8.4	06	1.5	
19	6	29.890	69	64	61	76	5.9	08	1.4	
22	5	29.920	65	62	61	87	5.5	06	1.9	

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

SEP 1988
RICHMOND, VA

13740

DATE	A.M. HOUR ENDING AT												P.M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
01																								01	
02																								02	
03																								03	
04	T	0.06	0.03	T				T	T								T	T	0.04	0.03	0.13	T	0.01	04	
05	0.01	0.01	0.05	0.01																				05	
06																								06	
07																								07	
08																								08	
09																								09	
10	0.14	0.04	0.01	0.02	0.01																			10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25	T	T	T					0.02	0.01		T	0.01	T					0.01	T	T	T			25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.04	0.07	0.10	0.12	0.15	0.20	0.25	0.29	0.35	0.41	0.50	0.56
ENDED: DATE	09	09	09	09	09	09	09	09	09	09	09	10
ENDED: TIME	2154	2150	2156	2200	2208	2208	2208	2301	2321	2337	2337	0007

THE PRECIPITATION AMOUNTS FOR THE INDICATED TIME INTERVALS MAY OCCUR AT ANY TIME DURING THE MONTH. THE TIME INDICATED IS THE ENDING TIME OF THE INTERVAL. DATE AND TIME ARE NOT ENTERED FOR TRACE AMOUNTS.

VALIDATED BY:
DON GRISINGER

SUBSCRIPTION PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING
ASHEVILLE, NORTH CAROLINA 28801
ATTN: PUBLICATIONS

RICHMOND, VA
USCOMM - NOAA - ASHEVILLE, NC 380

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210



FIRST CLASS