

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

AUG 1990
 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. FEET ABOVE M.S.L.	WIND (M.P.H.)				SUNSHINE		SKY COVER (TENTHS)	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW 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	MIIDNIGHT TO MIDNIGHT
01	83	63	73	-5	57	0	8		0	0.00	0.0	29.870	36	8.7	8.9	17	36	760	90	8	5
02	84	61*	73	-3	60	0	8		0	0.00	0.0	29.950	05	4.6	6.3	10	04	675	80	9	8
03	86	64	75	-3	63	0	10	8	0	0.00	0.0	29.925	10	2.5	4.5	8	08	734	87	3	3
04	88	64	76	-2	62	0	11	8	0	0.00	0.0	29.890	16	7.1	7.6	13	18	678	81	8	7
05	88	71	80	-2	69	0	15	8	0	T	0.0	29.830	19	10.2	10.6	16	21	550	66	9	9
06	81	71	76	-2	71	0	11	1 3	8	1.25	0.0	29.800	22	6.4	8.1	16	22	202	24	10	10
07	83	69	76	-2	66	0	11	1	8	0.01	0.0	29.865	03	6.4	7.3	16	02	669	80	5	5
08	85	63	74	-4	64	0	9	8	0	0.00	0.0	29.950	05	5.0	6.1	9	06	688	83	6	5
09	74	67	71	-7	68	0	6	1	8	3.72	0.0	29.930	05	7.2	8.9	15	03	0	0	10	10
10	78	69	74	-4	69	0	9	1	8	0.50	0.0	29.850	01	6.0	7.0	10	33	362	44	9	9
11	86	68	77	-1	69	0	12	1	8	0.01	0.0	29.860	27	2.6	4.2	10	24	694	84	6	4
12	89	69	79	-2	68	0	14	1	8	0.00	0.0	29.950	08	2.0	5.1	8	08	680	82	1	1
13	91	70	81	4	70	0	16	1	8	0.00	0.0	29.880	21	10.0	10.5	18	21	661	80	2	2
14	84	72	78	1	69	0	13	1	8	T	0.0	29.890	03	3.9	6.9	12	03	590	72	8	8
15	86	69	78	1	70	0	13	23	8	T	0.0	29.910	11	3.4	5.4	12	10	487	60	9	8
16	84	69	77	0	71	0	12	2	8	T	0.0	29.910	07	3.4	4.3	8	04	488	60	9	8
17	86	69	78	1	69	0	13	2	8	0.00	0.0	29.925	08	4.7	5.3	10	10	645	79	4	4
18	89	66	78	1	68	0	13	2	8	0.00	0.0	29.900	17	1.5	4.1	8	23	669	83	7	5
19	91	70	81	4	71	0	16	1	8	0.00	0.0	29.820	19	1.3	5.6	9	25	627	78	7	6
20	77	65	71	-5	68	0	6	1	8	T	0.0	29.930	03	8.5	9.7	15	02	60	7	10	10
21	70	63	67*	-9	63	0	2	1	8	0.07	0.0	29.960	01	6.4	7.3	14	08	128	16	10	10
22	76	66	71	-5	67	0	6	1	8	T	0.0	29.880	01	5.5	6.0	9	36	155	19	10	10
23	84	71	78	-2	71	0	13	2	8	0.11	0.0	29.820	09	6.2	7.2	14	12	404	51	10	10
24	79	70	75	-1	71	0	10	1	8	0.01	0.0	29.860	04	6.5	7.6	12	03	246	31	9	8
25	88	67	78	2	71	0	13	2	8	0.05	0.0	29.940	16	1.3	4.4	8	21	578	73	7	5
26	92	70	81	5	71	0	16	1	8	0.00	0.0	29.900	31	0.8	3.9	10	25	631	80	2	1
27	91	71	81	6	70	0	16	1	8	0.00	0.0	29.810	33	4.9	6.7	12	36	554	70	1	1
28	93	73	83	8	72	0	18	1	8	0.00	0.0	29.705	26	5.2	7.8	14	25	631	80	5	3
29	97*	69	83*	8	70	0	18	1 3	8	0.03	0.0	29.615	20	3.4	6.6	15	05	569	72	9	8
30	84	66	75	0	62	0	10	1	8	0.00	0.0	29.765	04	7.7	8.7	15	05	747	95	1	1
31	84	62	73	-2	61	0	8		0	0.00	0.0	29.950	06	5.7	7.0	13	10	737	94	6	3
SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	NUMBER OF DAYS			TOTAL	TOTAL	FOR THE MONTH:				TOTAL	%	SUM	SUM		
2631	2097				0	356				5.76	0.0	29.870	05	1.8	6.8	18	21	16299	100	210	187
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION			DEP.						DATE:	DATE:	POSSIBLE	MONTH	AVG.	AVG.
84.9	67.6	76.3	-0.5	67.3	0	-10	≥ .01 INCH	10	0.75							13		25250	65	6.8	6.0
NUMBER OF DAYS						SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF							
						TOTAL		≥ 1.0 INCH						SNOW, ICE PELLETS OR ICE AND DATE							
MAXIMUM TEMP.		MINIMUM TEMP.				THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS											
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	HEAVY FOG	6	4.15	09-10	0.0											
6	0	0	0	0	181	CLEAR	6	PARTLY CLOUDY	9	CLOUDY	16										

* 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

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

Kenneth D. Walden
 DIRECTOR NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

AUG 1990
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)
AUG 1st																						
01	0	UNL	7			71	64	59	66	35	8	3	UNL	7			63	61	59	87	33	3
04	0	UNL	7			66	60	56	70	36	11	2	UNL	7			62	59	57	84	35	5
07	8	UNL	7			67	61	56	68	36	10	6	250	7			68	63	60	76	05	9
10	8	UNL	8			74	64	58	58	33	11	8	UNL	10			78	66	58	50	06	6
13	9	UNL	8			79	67	59	51	32	9	10	UNL	10			82	68	59	46	02	7
16	8	UNL	8			81	66	56	42	01	8	10	UNL	10			82	68	59	46	04	9
19	9	UNL	8			76	64	56	50	36	7	10	UNL	10			75	68	64	69	12	5
22	3	UNL	7			64	61	58	81	00	0	10	UNL	8			71	66	63	76	11	5
AUG 2nd																						
AUG 3rd																						
01	0	UNL	8			68	65	63	84	00	0	7	UNL	8			68	65	63	84	00	0
04	0	UNL	7			65	64	63	93	04	3	3	UNL	7			65	64	63	93	04	3
07	8	UNL	7			69	66	64	84	03	4	4	UNL	7			69	66	64	84	03	4
10	8	UNL	7			82	70	63	53	15	5	3	UNL	7			82	70	63	53	15	5
13	9	UNL	7			84	69	60	44	03	4	4	UNL	7			84	69	60	44	03	4
16	8	UNL	8			85	70	62	46	08	7	2	UNL	6		H	85	70	62	46	08	7
19	9	UNL	8			79	69	63	58	11	6	1	UNL	6		H	79	69	63	58	11	6
22	3	UNL	6			71	66	63	76	15	4	1	UNL	6		H	71	66	63	76	15	4
AUG 4th																						
AUG 5th																						
AUG 6th																						
01	7	70	6		H	69	65	62	79	15	5	8	UNL	7			73	68	65	76	18	10
04	3	UNL	6		H	66	63	61	84	14	3	10	250	7			72	68	66	82	18	11
07	9	UNL	6		H	69	65	62	79	00	0	9	UNL	7			73	69	67	82	19	7
10	4	UNL	6		H	83	71	65	55	19	9	10	200	7			79	73	70	74	18	9
13	8	UNL	6		H	86	70	61	43	16	7	10	150	6		H	84	76	72	67	18	10
16	10	UNL	6		H	85	70	62	46	14	7	10	130	6		H	86	77	73	65	21	10
19	9	UNL	6		H	80	69	62	54	12	9	10	130	6		H	82	75	72	72	17	10
22	9	UNL	7			75	66	61	62	16	8	10	130	6		H	80	74	71	74	18	11
AUG 7th																						
AUG 8th																						
AUG 9th																						
01	10	16	5		F	73	72	71	94	32	6	0	UNL	6		H	68	65	63	84	00	0
04	10	120	5		F	71	70	70	97	34	4	0	UNL	6		H	65	63	62	90	34	5
07	7	UNL	2		F	71	70	69	93	04	5	5	UNL	6		H	67	63	60	78	35	7
10	8	50	7			76	68	63	64	03	13	10	UNL	6		H	80	68	61	52	07	7
13	3	UNL	7			81	70	64	56	04	9	7	UNL	5		H	84	70	62	48	08	6
16	4	UNL	7			82	70	63	53	05	6	2	UNL	5		H	84	70	63	49	03	6
19	3	UNL	7			78	71	67	69	07	4	3	UNL	5		H	79	71	67	67	08	6
22	0	UNL	6		H	72	68	65	79	05	4	10	120	6		H	75	70	67	76	07	4
AUG 10th																						
AUG 11th																						
AUG 12th																						
01	10	10	1		RF	70	69	69	97	34	5	8	75	6		F	72	70	69	90	30	5
04	10	70	6		F	70	69	68	93	05	6	0	UNL	5		F	69	68	68	97	30	5
07	10	3	2		F	69	68	68	97	03	7	1	UNL	1		F	70	69	69	97	02	3
10	10	4	2		F	72	70	69	90	01	6	5	UNL	6		H	78	72	69	74	25	4
13	10	9	2		F	75	72	70	85	34	6	5	UNL	7		H	86	74	68	55	23	7
16	9	15	3		H	77	73	71	82	01	8	9	120	7		H	83	72	67	59	26	6
19	6	250	5		H	75	72	70	85	02	7	5	UNL	7		H	79	73	70	74	00	0
22	10	100	5		H	73	71	70	90	36	6	0	UNL	7		H	73	71	70	90	14	3
AUG 13th																						
AUG 14th																						
AUG 15th																						
01	0	UNL	5		FH	72	71	70	94	15	4	9	100	6		H	76	71	69	79	27	4
04	0	UNL	5		FH	72	70	69	90	19	5	6	UNL	6		H	73	70	69	87	21	4
07	1	UNL	2		H	74	71	69	85	20	5	8	120	3		FH	74	71	69	85	36	9
10	0	UNL	5		H	86	76	72	63	21	12	6	UNL	6		H	80	71	67	65	06	8
13	1	UNL	5		H	91	77	71	52	21	13	10	120	7		H	81	73	69	67	03	7
16	2	UNL	6		H	90	77	71	54	21	14	8	120	6		H	82	73	68	63	02	6
19	6	250	6		H	83	74	70	65	20	9	9	UNL	6		H	78	72	69	74	06	6
22	1	UNL	6		H	78	71	68	72	22	11	7	UNL	6		H	73	70	69	87	15	3
AUG 16th																						
AUG 17th																						
AUG 18th																						
01	10	1	0		F	71	70	70	97	00	0	3	UNL	5		F	71	70	69	93	00	0
04	10	1	0		F	70	70	70	100	03	4	10	0	0		F	70	69	69	97	00	0
07	10	1	0		F	70	70	70	100	00	0	10	1	0		F	70	70	70	100	00	0
10	10	5	2		F	75	73	72	90	09	7	4	UNL	4		F	80	75	73	79	06	8
13	10	100	4		H	82	75	71	69	08	4	4	UNL	5		H	85	73	67	55	08	8
16	9	150	5		H	84	75	71	65	08	3	2	UNL	6		H	85	71	64	50	07	6
19	4	UNL	6		H	79	74	72	79	07	4	0	UNL	6		H	79	73	70	74	11	7
22	3	UNL	5		H	74	72	71	90	09	3	0	UNL	6		H	73	70	69	87	12	4

WEATHER CODES

- * TORNADO
- T THUNDERSTORM
- Q 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
- D 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

AUG 1990
RICHMOND, VA 13740

HOUR L.S.T.	SKY COVER (TENTHS)		VISI-BILITY		TEMPERATURE				WIND		SKY COVER (TENTHS)		VISI-BILITY		TEMPERATURE				WIND		SKY COVER (TENTHS)		VISI-BILITY		TEMPERATURE				WIND																																																												
	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	NET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	NET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	NET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																																											
AUG 19th																														AUG 20th																														AUG 21st																													
01	6	250	7		72	70	69	90	19	4	8	UNL	4	FH	75	74	74	97	17	3	10	6	6		LF	64	63	62	93	36	9																																																										
04	3	UNL	7		70	69	68	93	19	5	10	3	1	F	75	74	74	97	06	6	10	7	7		FH	64	62	61	90	36	8																																																										
07	10	120	3	F	74	71	69	85	19	5	10	3	1	LF	73	72	71	94	06	8	10	7	7		FH	64	62	61	90	36	6																																																										
10	7	UNL	4	H	84	76	72	67	25	5	10	7	5	F	73	70	69	87	05	10	10	11	7		FH	69	66	64	84	04	6																																																										
13	7	120	5	H	88	75	69	53	04	5	10	8	5	LF	71	69	68	90	02	10	10	13	7		FH	69	65	63	81	03	4																																																										
16	5	UNL	5	H	89	77	71	55	04	6	10	9	2	F	71	68	66	84	02	11	10	45	2		F	68	66	64	87	05	9																																																										
19	7	UNL	5	H	83	76	73	72	04	3	10	9	2	FH	68	66	64	87	03	10	10	13	2		F	68	66	65	90	35	5																																																										
22	6	UNL	5	H	79	75	73	82	16	3	10	5	2	LF	65	64	63	93	36	9	10	13	2		FH	67	66	65	93	36	4																																																										
AUG 22nd																														AUG 23rd																														AUG 24th																													
01	10	4	1	8	67	66	65	93	01	6	10	2	1	8	F	71	70	70	97	05	5	10	11	7		R	72	72	72	100	09	8																																																									
04	10	3	1	8	66	65	65	97	02	5	10	2	1	8	F	71	70	70	97	05	5	10	4	5		R	73	72	71	94	04	7																																																									
07	10	3	1	8	67	66	65	93	32	4	10	0	0	4	LF	71	70	70	97	05	5	10	3	2		LF	72	71	70	94	06	10																																																									
10	10	7	5	8	70	68	66	87	03	5	10	12	6	H	79	74	71	77	11	4	10	5	6		F	74	72	71	90	04	6																																																										
13	10	11	5	H	75	70	67	76	01	4	10	25	6	H	81	74	71	72	06	10	10	8	4		H	74	72	71	90	02	9																																																										
16	10	16	6	H	73	70	68	84	36	6	8	28	6	H	82	75	72	72	11	9	7	13	5		FH	77	73	71	82	03	10																																																										
19	10	50	7		73	70	69	87	01	5	10	24	7	H	77	73	71	82	10	5	4	UNL	7			F	74	71	70	87	01	5																																																									
22	10	120	7		71	70	69	93	05	6	10	19	5	RW	74	73	73	97	09	7	0	UNL	3			F	70	69	69	97	16	3																																																									
AUG 25th																														AUG 26th																														AUG 27th																													
01	6	23	3	F	69	68	68	97	36	3	0	UNL	4	F	72	71	71	97	20	7	0	UNL	4		FH	73	72	71	94	00	0																																																										
04	3	UNL	3	F	68	67	67	97	00	0	0	UNL	4	F	72	70	69	90	29	5	0	UNL	4		FH	73	72	71	94	34	3																																																										
07	10	2	0	2	68	68	68	100	12	3	0	UNL	2	F	73	71	70	90	16	3	0	UNL	2		FH	74	71	70	87	36	7																																																										
10	4	UNL	6	H	83	74	70	65	22	4	2	UNL	6	H	84	76	72	67	33	4	0	UNL	2	8		H	84	74	69	61	02	10																																																									
13	8	50	7		87	75	70	57	21	7	3	UNL	5	H	89	75	69	52	08	5	1	UNL	3		H	89	75	68	50	36	6																																																										
16	5	UNL	7		83	77	74	74	07	5	2	UNL	6	H	90	74	67	47	07	4	0	UNL	5		H	91	76	69	49	29	8																																																										
19	7	90	7		79	76	74	85	16	5	1	UNL	6	H	82	76	74	77	07	4	5	UNL	2		H	85	75	70	61	27	5																																																										
22	0	UNL	4	F	75	74	73	94	14	4	0	UNL	5	H	76	75	74	94	00	0	4	UNL	2		H	77	74	72	85	22	4																																																										
AUG 28th																														AUG 29th																														AUG 30th																													
01	0	UNL	4	H	75	72	71	87	00	0	9	150	4	H	76	73	72	88	22	7	0	UNL	7		F	70	69	68	93	32	5																																																										
04	3	UNL	5	H	77	72	70	79	35	6	6	UNL	4	H	72	71	70	94	00	0	0	UNL	2	8		F	68	67	66	93	36	5																																																									
07	10	UNL	2	FH	76	73	71	85	32	5	8	UNL	2	FH	74	72	71	90	00	0	0	UNL	7			FH	69	67	66	90	36	8																																																									
10	3	UNL	3	H	88	76	70	55	27	5	10	UNL	3	H	88	77	73	61	17	8	0	UNL	7			FH	77	69	64	64	05	13																																																									
13	6	UNL	3	H	92	77	71	50	32	8	10	120	5	H	95	76	68	41	23	8	3	UNL	8			FH	83	69	61	48	06	10																																																									
16	1	UNL	3	H	92	78	72	52	22	11	10	100	5	H	91	75	68	47	25	10	1	UNL	10			FH	83	66	55	38	04	7																																																									
19	1	UNL	3	H	84	77	74	72	22	6	10	85	6	H	74	71	70	87	15	8	2	UNL	10			FH	74	65	60	62	06	6																																																									
22	3	UNL	4	H	81	76	73	77	23	8	10	70	7	H	72	70	69	90	06	4	0	UNL	10			FH	71	65	61	71	06	6																																																									
AUG 31st																																																																																									
01	0	UNL	10		65	64	63	93	34	3																																																																															
04	0	UNL	10		63	62	61	93	02	7																																																																															
07	3	UNL	10		65	64	63	93	36	5																																																																															
10	9	UNL	10		79	67	60	52	05	11																																																																															
13	8	UNL	10		83	67	57	41	06	8																																																																															
16	4	UNL	10		82	68	59	46	09	10																																																																															
19	1	UNL	10		75	67	62	64	10	4																																																																															
22	0	UNL	10		68	65	63	84	10	3																																																																															

SUMMARY BY HOURS

HOUR L.S.T.	SKY COVER (TENTHS)	AVERAGES						RESULTANT WIND	
		STATION PRESSURE (INCHES)	TEMPERATURE			REL HUMIDITY %	WIND SPEED (MPH)	DIRECTION	SPEED (MPH)
			AIR TEMP OF	NET BULB OF	DEW POINT OF				
01	6	29.865	71	69	68	90	4.8	35	0.4
04	5	29.860	70	68	67	91	5.6	01	2.3
07	7	29.890	71	68	67	89	6.0	02	3.4
10	7	29.900	79	71	68	70	8.6	05	2.9
13	7	29.880	83	72	67	61	8.3	04	1.8
16	6	29.850	82	72	67	61	8.6	06	2.9
19	6	29.850	77	71	68	75	6.6	08	2.9
22	5	29.880	73	70	68	85	5.2	13	2.0

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

AUG 1990
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																								04	
05																								05	
06																								06	
07	T	T	0.01																					07	
08																								08	
09	T	0.04	0.04	0.05	0.23	0.30	0.45	0.27	0.58	0.17	0.10	0.30												09	
10	0.27	0.20	0.03																					10	
11																								11	
12																								12	
13																								13	
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15					T																			15	
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21	T	T	T	T																				21	
22																								22	
23																								23	
24	T	T	T	T	T	T	T	T	T	T	T	T												24	
25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	
31																								31	

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.09	0.18	0.27	0.35	0.43	0.54	0.59	0.70	0.77	0.85	1.03	1.30
ENDED: DATE	06	06	06	06	06	09	09	06	09	09	09	09
ENDED: TIME	1627	1627	1624	1627	1627	0906	0918	1716	0906	0859	0906	0859

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:
MATTHEW BODOSKY

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