

JUN 1988
 RICHMOND, VA
 NAT'L WEA SER OFC
 BOX A-63, RICHMOND INT'L AIRPORT

ISSN 0198-537X



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

JUN 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 DEW POINT	HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON 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			
01	93	64	79	9	60	0	14		8	0	0.00	0.0	29.620	29	8.6	9.8	24	SW	17	26	874	100	0	1
02	77	53	65	-5	55	0	0	1		0	0.26	0.0	29.660	05	8.9	10.7	28	NE	18	05	15	2	10	10
03	61	49	55*	-16	49	10	0	1		0	0.55	0.0	29.660	03	8.6	9.5	18	NE	14	01	200	23	9	8
04	68	44*	56	-15	46	9	0			0	0.06	0.0	29.810	35	6.6	6.9	21	NE	14	34	524	60	4	3
05	79	48	64	-7	47	1	0			0	0.00	0.0	29.810	26	10.3	10.6	24	W	18	28	878	100	0	0
06	91	65	78	6	55	0	13			0	0.00	0.0	29.660	29	10.2	11.3	24	NW	17	30	823	94	4	4
07	93	69	81	3	60	0	16			0	0.00	0.0	29.550	27	10.8	11.3	24	W	17	28	872	99	7	5
08	89	61	75	3	64	0	10		8	0	0.00	0.0	29.490	10	5.9	7.0	17	E	14	11	881	100	2	1
09	69	53	61	-11	55	4	0	1	3	0	0.16	0.0	29.575	01	9.9	10.7	28	NE	18	36	174	20	10	8
10	70	50	60	-12	45	5	0	1		0	0.00	0.0	29.860	36	7.9	8.6	21	N	14	36	838	95	2	3
11	75	49	62	-11	44	3	0			0	0.00	0.0	29.930	34	7.6	9.2	24	N	16	35	882	100	1	1
12	85	51	68	-5	50	0	3			0	0.00	0.0	29.965	24	7.3	7.8	21	SW	13	27	883	100	2	1
13	92	55	74	1	56	0	9			0	0.00	0.0	30.030	21	2.0	4.8	14	NW	7	19	883	100	4	4
14	93	62	78	5	61	0	13		8	0	0.00	0.0	30.080	20	3.2	5.8	14	S	12	16	883	100	2	3
15	93	64	79	5	63	0	14		8	0	0.00	0.0	30.000	21	5.7	6.9	16	SW	10	27	884	100	1	1
16	93	65	79	5	65	0	14		8	0	0.00	0.0	29.830	19	8.6	9.0	21	S	12	19	710	80	4	4
17	83	66	75	1	66	0	10	1	3	8	0.19	0.0	29.765	03	2.3	6.5	21	NE	14	35	280	32	9	10
18	82	66	74	0	69	0	9	1	3	8	0.04	0.0	29.910	11	3.1	5.0	13	S	9	12	420	47	7	7
19	89	67	78	4	69	0	13	1	3	8	0.03	0.0	29.980	16	6.1	7.4	31	S	23	19	670	76	8	9
20	93	66	80	5	70	0	15	1	3	8	0.00	0.0	29.910	21	8.6	9.4	20	SW	14	22	776	88	4	4
21	97	68	83	8	69	0	18		8	0	0.00	0.0	29.780	22	7.8	8.7	17	S	14	22	841	95	1	1
22	99	73	86	11	72	0	21	1	8	8	0.00	0.0	29.720	20	6.7	7.4	18	SW	13	21	790	89	3	3
23	101*	73	87*	12	71	0	22	1	3	8	0.81	0.0	29.690	23	5.1	10.1	28	N	18	02	656	74	4	5
24	80	66	73	-2	62	0	8	1		0	0.00	0.0	29.940	08	7.5	9.3	21	NE	15	05	795	90	4	4
25	82	60	71	-4	62	0	6			0	0.00	0.0	29.870	18	7.4	7.8	16	S	13	17	670	76	9	6
26	97	64	81	5	68	0	16	1	3	8	0.15	0.0	29.560	22	4.7	11.4	41	N	23	33	524	59	8	7
27	79	57	68	-8	52	0	3			0	0.00	0.0	29.720	36	8.9	11.1	25	NW	17	03	830	94	2	2
28	85	56	71	-5	53	0	6			0	0.00	0.0	29.765	24	6.6	9.4	22	W	16	22	830	94	3	3
29	84	67	76	0	59	0	11			0	0.00	0.0	29.670	25	8.0	9.2	18	SW	13	24	358	41	10	9
30	80	60	70	-6	47	0	5			0	0.0	0.0	29.600	35	8.7	9.7	23	NW	15	34	604	68	4	5
SUM	SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:				TOTAL	%	SUM	SUM					
2552	1811					32	269			2.25	0.0	29.780	27	1.9	8.7	41	N	23	33	20248	FOR	138	132	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	32	11	PRECIPITATION ≥ .01 INCH.		9	-1.35					DATE: 26	DATE: 26+	POSSIBLE	MONTH	AVG.	AVG.			
85.1	60.4	72.8	-0.7	58.8														26469	76	4.6	4.4			
NUMBER OF DAYS						SEASON TO DATE		SNOW, ICE PELLETS ≥ 1.0 INCH		GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE										
MAXIMUM TEMP.		MINIMUM TEMP.		4132		396		THUNDERSTORMS		7		PRECIPITATION		SNOW, ICE PELLETS		0								
≥ 90°		≤ 32°		≤ 32°		≤ 0°		DEP.		HEAVY FOG		0		0.81		23		0.0						
12		0		0		0		172		26		CLEAR		12		PARTLY CLOUDY		10		CLOUDY		8		

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 † 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. Halpern
 DIRECTOR
 NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

JUN 1988
RICHMOND, VA 13740

HOUR	L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISI-BILITY WHOLE MILES	VISI-BILITY 16THS MILE	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISI-BILITY WHOLE MILES	VISI-BILITY 16THS MILE	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISI-BILITY WHOLE MILES	VISI-BILITY 16THS MILE	WEATHER	TEMPERATURE				WIND																																																								
							AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)						AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)						AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																																							
JUN 1st																														JUN 2nd																														JUN 3rd																													
01	0	UNL	4		H		72	68	65	79	30	7	8	90	7			74	64	57	56	34	7	10	33	8		R		53	52	51	93	07	11																																																						
04	0	UNL	4		H		67	63	60	78	33	6	8	90	7			72	64	59	64	34	7	10	35	3		RF		52	51	50	93	04	7																																																						
07	0	UNL	4		H		75	65	59	58	31	9	10	25	7			64	57	52	65	03	13	10	7	2		RF		52	52	51	96	03	8																																																						
10	0	UNL	6		H		86	67	56	36	30	6	10	20	12			61	56	52	72	04	11	10	45	7			54	53	52	93	35	8																																																							
13	0	UNL	7		H		91	70	59	34	30	9	10	22	3		RF	58	57	56	93	05	8	10	35	7		R	56	54	52	87	02	10																																																							
16	0	UNL	6		H		92	71	59	33	23	14	10	7	5		R	58	57	57	97	05	8	8	30	7			60	53	47	62	04	12																																																							
19	0	UNL	6		H		87	70	60	40	26	8	10	25	5		RF	55	54	53	93	09	9	4	UNL	10			58	52	46	65	01	8																																																							
22	5	UNL	6		H		82	68	59	46	29	10	10	25	7			54	52	51	90	04	7	3	UNL	10			50	49	47	90	01	7																																																							
JUN 4th																														JUN 5th																														JUN 6th																													
01	0	UNL	10				48	47	45	89	33	5	0	UNL	8			51	50	49	93	27	4	0	UNL	10			66	57	49	55	26	10																																																							
04	0	UNL	10				44	44	43	96	35	5	0	UNL	8			50	48	46	86	27	5	7	UNL	10			66	56	48	53	27	11																																																							
07	0	UNL	8				52	50	47	83	35	7	0	UNL	8			57	51	46	67	27	9	2	UNL	10			72	60	50	46	29	10																																																							
10	3	UNL	12				64	54	45	50	34	6	0	UNL	12			70	56	43	38	26	9	2	UNL	10			83	66	56	40	28	12																																																							
13	4	UNL	15				66	56	48	53	35	8	0	UNL	12			75	59	45	34	25	11	8	UNL	10			88	69	57	35	32	13																																																							
16	9	70	15				66	56	47	51	35	12	0	UNL	12			78	61	49	36	28	16	8	UNL	10			90	69	57	33	30	13																																																							
19	4	UNL	15				63	55	48	58	36	5	1	UNL	12			76	61	50	40	25	12	5	UNL	10			87	69	59	39	32	8																																																							
22	1	UNL	15				51	50	48	90	00	0	3	UNL	10			69	59	51	53	26	9	2	UNL	10			71	65	62	73	22	4																																																							
JUN 7th																														JUN 8th																														JUN 9th																													
01	0	UNL	10				77	65	58	52	28	8	0	UNL	8			66	63	61	84	00	0	5	UNL	10			62	60	58	87	06	7																																																							
04	3	UNL	10				76	66	59	56	27	10	0	UNL	7			63	61	60	90	21	3	1	UNL	8			60	59	58	93	01	4																																																							
07	3	UNL	7				78	67	60	54	28	13	4	UNL	5		H	69	67	65	87	10	8	10	10	6		RW	60	58	57	90	01	11																																																							
10	8	UNL	7				87	71	62	43	26	13	0	UNL	6		H	80	71	67	65	13	6	10	19	10			63	60	57	81	02	10																																																							
13	10	UNL	7				91	70	58	33	31	13	0	UNL	6		H	86	73	67	53	05	6	10	80	10			68	60	54	61	01	10																																																							
16	10	UNL	7				92	71	59	33	28	15	4	UNL	5		H	83	74	70	65	11	12	10	12	2		RF	55	54	53	93	01	13																																																							
19	3	UNL	8				88	71	61	40	23	7	0	UNL	7			74	68	64	71	12	11	10	8	6		RF	54	53	52	93	02	12																																																							
22	0	UNL	10				75	67	62	64	31	4	2	UNL	10			64	62	60	87	09	4	10	50	6		F	54	54	53	96	35	7																																																							
JUN 10th																														JUN 11th																														JUN 12th																													
01	10	250	5		F		52	52	51	96	32	6	4	UNL	15			51	48	45	80	34	4	0	UNL	15			57	52	48	72	27	4																																																							
04	8	UNL	5		F		50	50	49	96	35	6	3	UNL	15			51	48	44	77	33	5	0	UNL	15			56	51	47	72	26	5																																																							
07	1	UNL	8				53	49	45	74	02	12	3	UNL	15			56	51	46	69	33	9	2	UNL	15			64	56	49	58	26	7																																																							
10	0	UNL	10				61	52	44	54	01	11	0	UNL	15			67	54	42	40	35	14	3	UNL	15			78	62	50	38	23	10																																																							
13	2	UNL	15				67	54	42	40	35	8	0	UNL	15			73	55	39	29	33	12	0	UNL	15			84	63	48	29	26	8																																																							
16	3	UNL	15				69	54	40	35	31	7	1	UNL	15			74	56	40	29	34	13	2	UNL	15			83	63	49	31	27	11																																																							
19	0	UNL	15				64	52	41	43	02	10	0	UNL	15			71	57	44	38	35	5	3	UNL	15			76	63	54	47	22	7																																																							
22	0	UNL	15				53	50	48	83	00	0	0	UNL	15			58	53	48	70	19	4	2	UNL	15			65	59	55	70	22	5																																																							
JUN 13th																														JUN 14th																														JUN 15th																													
01	0	UNL	15				60	57	54	81	19	4	5	UNL	7			67	63	60	78	24	3	0	UNL	5		H	70	66	64	81	18	4																																																							
04	2	UNL	10				56	54	52	87	18	5	4	UNL	7			64	61	59	84	21	4	0	UNL	5		H	67	64	62	84	25	4																																																							
07	3	UNL	7				67	61	56	68	21	5	5	UNL	5		H	72	65	61	69	24	6	0	UNL	6		H	74	67	63	69	25	4																																																							
10	0	UNL	7				83	67	57	41	33	3	0	UNL	6		H	88	71	61	40	33	5	0	UNL	6		H	87	70	60	40	29	7																																																							
13	6	UNL	7				88	67	54	31	27	6	0	UNL	6		H	91	70	57	32	34	3	1	UNL	6		H	92	73	63	38	19	8																																																							
16	6	UNL	7				90	68	54	29	17	3	3	UNL	6		H	91	71	60	35	13	7	0	UNL	6		H	92	72	62	37	19	8																																																							
19	8	UNL	7				82	71	65	57	19	6	4	UNL	6		H	83	72	67	59	19	6	5	UNL	6		H	83	72	66	57	20	8																																																							
22	7	UNL	7				73	66	62	69	20	5	4	UNL	5		H	75	69	65	71	21	4	2	UNL	5		H	73	69	66	79	19	5																																																							
JUN 16th																														JUN 17th																														JUN 18th																													
01	0	UNL	6		H		70	66	64	81	18	6	10	UNL	7			71	65	62	73	16	6	10	14	1	8	F	67	66	66	97	20	3																																																							
04	2	UNL	6		H		67	65	63	87	20	8	10	100	7			67	64	62	84	14	6	10	3	0	8	F	68	68	68	100	27	3																																																							
07	3	UNL	6		H		71	66	63	76	21	9	10	120	5		H	70	66	64	81	25	5	10	80	0	8	FH	69	68	68	97	35	4																																																							
10	1	UNL	6		H		83	72	66	57	19	8	10	250	2		H	77	71	68	74	35	7	4	UNL	1	8	H	77	72	69	76	06	3																																																							
13	5	UNL	6		H		91	74	66	44	20	10	10	250	2		H	80	72	68	67	04	3	6	40	2	8	H	82	73	68	63	08	6																																																							
16	7	UNL	6		H		92	73	64	40	18	9	10	250	2		H	82	73	68	63	09	7	10	100	2	8	H	77	72	70	79	12	5																																																							
19	7	UNL	6		H		82	73	68	63	16	8	10	250	1		8	FH	71	68	67	87	06	9	3	UNL	2	8	H	77	73	71	82	14	4																																																						
22	4	UNL	5		H		76	70	67	74	18	7	10	10	1		8	FH	69	68	68	97	02	4	7	250	3	F	71	70	70	97	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

OBSERVATIONS AT 3-HOUR INTERVALS

JUN 1988
RICHMOND, VA 13740

HOUR L.S.T.	SKY COVER (TENTHS)	VISIBILITY			WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY			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)																																										
JUN 19th																						JUN 20th																						JUN 21st																					
01	10	45	3		F	68	68	68	100	11	4	7	UNL	4		F	67	66	66	97	17	5	2	UNL	5		H	73	70	68	84	22	8																																
04	10	45	1		F	67	67	67	100	08	4	3	UNL	4		F	67	66	66	97	21	6	2	UNL	5		H	69	67	66	90	21	5																																
07	10	120	0	8	FH	69	69	69	100	17	5	1	UNL	2		H	71	70	69	93	22	6	2	UNL	6		H	73	70	68	84	23	8																																
10	10	120	1	8	FH	76	73	72	88	13	7	0	UNL	5		H	83	75	72	70	20	8	0	UNL	6		H	86	74	69	57	24	7																																
13	8	UNL	2		H	86	76	72	63	20	6	3	UNL	6		H	90	77	71	54	24	12	0	UNL	6		H	96	77	69	42	20	7																																
16	4	UNL	4		H	88	75	69	53	18	10	7	35	6		H	93	78	71	49	17	11	4	UNL	6		H	96	77	68	40	19	12																																
19	10	80	4		TRW	71	70	69	93	14	3	10	UNL	6		H	84	76	72	67	20	9	0	UNL	6		H	89	77	71	55	21	5																																
22	10	UNL	4		F	69	68	68	97	17	6	4	UNL	6		H	75	71	69	82	20	8	0	UNL	5		H	79	75	73	82	19	5																																
JUN 22nd																						JUN 23rd																						JUN 24th																					
01	0	UNL	5		H	76	73	72	88	20	4	0	UNL	5		H	79	76	74	85	20	8	10	80	1	8	F	73	73	73	100	01	5																																
04	2	UNL	4		H	74	73	72	94	20	5	2	UNL	5		H	77	74	72	85	20	9	10	80	6		F	70	69	69	97	09	6																																
07	2	UNL	2		FH	79	76	74	85	21	4	4	UNL	2		H	78	73	71	79	21	8	3	UNL	6		F	69	66	64	84	04	12																																
10	1	UNL	2		H	91	77	71	52	07	5	0	UNL	5		H	90	77	72	56	25	9	0	UNL	10			74	63	56	54	04	12																																
13	2	UNL	3		H	96	78	70	43	23	8	1	UNL	6		H	99	78	69	38	21	11	1	UNL	15			79	66	57	47	12	4																																
16	4	UNL	3		H	98	77	67	36	19	7	2	UNL	6		H	100	76	66	33	21	11	10	250	15			78	67	61	56	11	5																																
19	7	UNL	3		H	85	77	73	67	18	7	10	35	1	8	TRW	76	72	70	82	01	10	2	UNL	15			74	67	63	69	14	8																																
22	5	UNL	3		H	78	74	72	82	19	8	10	40	1	8	RWF	74	74	74	100	03	4	0	UNL	15			67	63	60	78	13	8																																
JUN 25th																						JUN 26th																						JUN 27th																					
01	2	UNL	10			64	61	59	84	13	5	0	UNL	7		H	69	66	64	84	20	9	7	UNL	10			61	58	56	84	36	8																																
04	0	UNL	8			60	59	58	93	17	4	2	UNL	5		H	71	67	64	79	20	11	2	UNL	10			59	53	47	65	35	9																																
07	9	40	8			66	64	62	87	19	5	6	UNL	5		H	73	69	67	82	20	12	1	UNL	10			62	57	52	70	36	13																																
10	10	38	7			72	65	60	66	15	6	8	UNL	6		H	86	77	73	65	21	11	2	UNL	15			69	59	51	53	03	15																																
13	10	45	10			77	67	61	58	19	10	10	UNL	6		H	95	81	76	54	22	12	2	UNL	15			75	61	51	43	36	13																																
16	6	50	10			82	70	64	55	19	9	10	35	2	8	TRW	72	69	68	87	01	14	3	UNL	15			78	61	49	36	36	12																																
19	8	UNL	8			77	69	64	64	20	7	10	80	2	8	FH	71	70	70	97	32	6	0	UNL	15			74	61	51	45	01	6																																
22	3	UNL	7			69	66	64	84	19	9	10	250	10			66	62	59	78	01	9	0	UNL	15			62	58	55	78	24	4																																
JUN 28th																						JUN 29th																						JUN 30th																					
01	0	UNL	15			58	55	53	84	19	4	10	250	15			70	62	57	64	22	6	8	80	10			70	62	57	64	32	7																																
04	0	UNL	15			62	58	54	75	29	8	10	100	15			68	62	57	68	22	8	10	80	10			67	58	51	57	36	10																																
07	3	UNL	15			69	60	53	57	31	13	10	100	10			69	63	59	71	21	6	10	80	10			64	52	41	43	35	10																																
10	2	UNL	15			79	62	50	36	32	7	10	UNL	10			78	67	61	56	27	8	3	UNL	15			72	57	45	38	32	9																																
13	1	UNL	15			83	64	50	32	23	8	10	100	10			82	70	63	53	25	10	2	UNL	15			77	59	43	30	30	9																																
16	4	UNL	15			84	65	52	33	25	13	7	100	10			83	69	61	48	24	11	3	UNL	15			79	60	44	29	01	12																																
19	5	UNL	15			79	65	56	45	21	9	9	100	10			78	67	60	54	23	9	1	UNL	15			74	59	47	38	04	9																																
22	10	UNL	15			67	62	58	73	20	8	8	80	10			74	64	57	56	27	10	2	UNL	15			61	57	53	75	35	8																																

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	WET BULB OF	DEW POINT OF				
01	4	29.775	66	62	60	81	6.7	25	1.8
04	4	29.770	63	60	57	83	7.3	27	2.2
07	5	29.800	67	62	58	75	9.6	30	3.3
10	4	29.810	77	66	59	56	9.7	32	2.2
13	4	29.780	82	67	58	47	10.0	28	3.8
16	5	29.750	82	67	58	47	12.0	26	2.2
19	5	29.750	75	66	60	62	8.9	20	0.5
22	4	29.780	68	63	60	78	7.0	23	2.0

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

JUN 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	0.01	0.13	0.04	0.05	0.02	0.05	0.10	0.11	0.03																03
04																									04
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MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.33	0.40	0.43	0.44	0.45	0.52	0.57	0.57	0.57	0.61	0.69	0.78
ENDED: DATE	23	23	23	23	23	23	23	23	23	23	23	23
ENDED: TIME	1831	1831	1831	1836	1841	1831	1859	1859	1859	1859	2045	2045

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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