

JUN 1995  
 RICHMOND, VA  
 NAT'L WEA SVC OFC., NOAA  
 RIC INTL APT/EXEC TERMINAL

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 1995  
 RICHMOND, VA

DATE	TEMPERATURE ° F						DEGREE DAYS BASE 65 ° F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORMS 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUST/STORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW/ICE ON GRD AT 0700 (IN.)	PRECIPITATION (INCHES)		AVERAGE STATION PRESSURE (INCHES OF Hg) ELEV. 177 (FT. MSL)	WIND (M.P.H.)						SUNSHINE		SKY COVER TENTHS	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING	COOLING	WATER EQUIVALENT			SNOW ICE PELLETS	RESULTANT DIR.		RESULTANT SPEED	AVERAGE SPEED	PEAK GUST	FASTEST 2-MIN	MINUTES	PERCENT 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	82	55	69	-2	57.8	0	4		0	0.00	0.0	29.950	13	4.8	5.3	14	SE	9	10	605	69	9	7
02	86	67	77	6	67.8	0	12	1 3	0	0.66	0.0	29.920	18	6.2	7.9	21	W	16	28	439	50	10	9
03	84	65	75	4	67.1	0	10	1 3 8	0	0.01	0.0	29.840	20	8.7	9.3	21	SW	15	20	441	50	7	7
04	83	65	74	3	63.8	0	9	3	0	T	0.0	29.850	35	5.2	7.3	18	N	13	35	811	92	3	4
05	80	63	72	0	64.4	0	7	1 8	0	T	0.0	29.810	09	6.0	6.7	15	E	10	08	471	54	10	10
06	77	66	72	0	67.8	0	7	1	0	0.09	0.0	29.505	02	8.5	9.4	22	N	14	01	21	2	10	10
07	89	68	79	7	66.7	0	14	1 8	0	0.00	0.0	29.480	25	7.6	9.4	17	SW	14	22	651	74	4	4
08	91*	68	80*	8	69.2	0	15	1 8	0	0.00	0.0	29.650	30	3.6	6.4	18	N	13	28	782	89	4	3
09	84	68	76	3	68.8	0	11	1 8	0	0.00	0.0	29.880	07	5.7	7.9	16	E	14	07	331	38	8	8
10	82	66	74	1	67.0	0	9	1 8	0	T	0.0	29.890	15	5.6	6.7	15	SE	12	13	282	32	9	9
11	89	66	78	5	69.7	0	13	1 3	0	0.09	0.0	29.750	20	9.3	10.1	29	W	23	26	711	81	4	6
12	80	61	71	-2	65.2	0	6	1	0	0.59	0.0	29.560	28	3.8	11.5	23	NW	16	35	149	17	10	10
13	72	56	64*	-10	54.0	1	0		0	0.01	0.0	29.615	34	9.6	10.0	23	NW	17	34	398	45	9	8
14	81	56	69	-5	53.5	0	4		0	0.00	0.0	29.735	30	8.0	8.4	20	NW	15	32	570	65	7	6
15	80	60	70	-4	53.0	0	5		0	0.00	0.0	30.010	35	5.4	7.8	20	N	13	01	830	94	6	5
16	81	54	68	-6	51.6	0	3		0	0.00	0.0	30.180	11	4.6	5.4	16	SE	13	13	748	85	5	4
17	83	53*	68	-6	51.7	0	3		0	0.00	0.0	30.160	07	3.5	5.3	15	NE	12	08	851	96	2	3
18	84	57	71	-4	59.7	0	6	2 8	0	T	0.0	30.045	06	2.4	3.7	14	E	8	05	578	65	8	7
19	86	58	72	-3	63.1	0	7	1 8	0	0.00	0.0	29.830	07	3.2	5.1	13	SE	8	11	740	84	9	8
20	89	67	78	3	69.1	0	13	1 8	0	0.00	0.0	29.730	19	7.3	7.8	18	S	16	19	681	77	9	8
21	86	66	76	1	66.3	0	11	1 8	0	T	0.0	29.840	18	6.4	7.9	16	S	13	21	552	62	9	9
22	84	69	77	2	68.1	0	12	1	0	0.01	0.0	29.845	08	8.0	9.8	23	E	17	07	556	63	9	9
23	87	69	78	2	69.4	0	13	1 8	0	T	0.0	29.780	02	3.9	7.2	16	SW	14	06	183	21	9	9
24	86	70	78	2	70.3	0	13	1 8	0	T	0.0	29.730	35	3.9	6.0	14	N	12	10	360	41	9	8
25	89	69	79	3	70.3	0	14	23 8	0	T	0.0	29.710	16	6.0	6.8	21	S	14	09	527	60	9	8
26	87	68	78	2	70.5	0	13	1 3 8	0	0.37	0.0	29.760	14	2.7	5.7	14	S	12	18	290	33	9	8
27	85	70	78	2	71.8	0	13	1 8	0	0.02	0.0	29.870	09	8.5	9.4	24	SE	21	11	315	36	9	9
28	80	68	74	-2	68.2	0	9	1 8	0	T	0.0	29.940	07	9.8	10.1	21	E	16	09	175	20	10	10
29	84	69	77	1	67.0	0	12	1	0	T	0.0	29.890	09	7.1	7.5	13	E	13	07	259	29	10	10
30	87	69	78	1	68.9	0	13	1 3	0	T	0.0	29.800	17	5.6	6.4	25	S	17	17	365	41	9	9
SUM		SUM				TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH :						TOTAL	%	SUM	SUM		
2518	1926			1	281			1.85	0.0	29.820	10	1.3	7.6	29	W	23	26	14672	FOR	235	225		
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION	DEP.							DATE:11	DATE:11	POSS	MONTH	AVG	AVG			
83.9	64.2	74.1	0.2	64.7	1	11	≥ .01 INCH	-1.77							26456	55	7.8	7.5					
NUMBER OF DAYS		SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF		SNOW, ICE PELLETS OR ICE,		OR HAIL AND DATE											
MAXIMUM TEMP		MINIMUM TEMP		3446	422	THUNDERSTORMS	7	PRECIPITATION	SNOW, ICE PELLETS														
≥ 90°		≥ 32°		≤ 32°	≤ 0°	DEP.	DEP.	HEAVY FOG	2	0.68	11-12	0.0											
1	0	0	0	-517	50	CLEAR	2	PARTLY CLOUDY	7	CLOUDY	21												

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE. 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.  
 † TRACE AMOUNT. ONE OF TWO WINDS 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 TWO MINUTE WIND - HIGHEST TWO MINUTE SPEED (DIRECTION IN TENS OF DEGREES).  
 + ALSO ON EARLIER DATE(S). COLS 16 & 17 : PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED.  
 HEAVY FOG: VISIBILITY 1/4 MILE OR LESS. ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.  
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

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.

*Kenneth D. Hodson*  
 DIRECTOR  
 NATIONAL CLIMATIC DATA CENTER

**noaa** NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 NATIONAL ENVIRONMENTAL SATELLITE DATA AND INFORMATION SERVICE  
 NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

# OBSERVATIONS AT 3-HOUR INTERVALS

JUN 1995 13740  
RICHMOND, VA

HOUR	L. S. T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	WEATHER	TEMPERATURE				WIND													
						AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY%	DIRECTION	SPEED (KNOTS)					AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY%	DIRECTION	SPEED (KNOTS)												
01	0	UNL	10			60	57	54	81	00	0					68	66	65	90	14	6	10	130	7			67	66	66	97	16	5	
04	6	UNL	10			56	54	52	87	00	0					67	66	65	93	19	6	10	110	6			67	66	65	93	20	5	
07	9	150	7			63	60	58	84	17	4					71	68	67	87	15	7	10	130	6		RF	67	66	66	97	20	5	
10	10	UNL	10			76	65	57	52	15	6					81	73	69	67	17	10	8	250	6		HF	74	71	69	85	21	11	
13	10	UNL	10			79	65	55	44	15	5					84	73	67	57	17	10	8	150	10			81	72	68	65	22	13	
16	9	80	10			79	66	57	47	10	8					84	73	68	59	16	6	5	UNL	10			84	73	68	59	23	12	
19	9	65	12			76	66	60	58	11	5					79	74	71	77	27	7	7	180	12			79	72	68	69	22	6	
22	1	UNL	12			70	66	64	81	10	5					69	66	65	93	27	7	7	UNL	10			67	66	65	93	18	4	
01	10	130	7			68	67	66	93	22	2					65	64	63	93	17	4	9	60	6		F	67	66	65	93	03	6	
04	6	250	7			68	67	66	93	27	5					64	63	62	93	36	3	10	7	6		F	66	65	65	97	03	6	
07	8	UNL	7			71	68	66	84	31	4					69	67	66	90	07	3	10	3	2		RF	68	67	67	97	05	7	
10	0	UNL	10			78	67	61	56	02	10					76	68	64	67	10	9	10	13	5		RF	71	70	70	97	06	9	
13	4	UNL	10			82	69	62	51	32	9					78	70	65	64	08	9	10	32	7			73	70	69	87	01	10	
16	3	UNL	10			83	70	62	49	36	9					77	69	65	67	09	8	10	17	7			74	71	69	85	01	10	
19	3	UNL	10			77	68	63	62	03	4					73	68	65	76	09	7	10	11	1	8	RF	71	70	69	93	34	9	
22	6	250	7			70	66	64	81	06	5					68	66	65	90	09	7	10	1	3		F	70	69	68	93	34	8	
01	8	33	7			70	68	67	90	32	6					75	71	69	82	24	5	4	UNL	6		H	76	72	70	82	05	6	
04	8	95	7			69	67	65	87	30	7					68	67	66	93	25	4	8	UNL	6		H	73	71	70	90	03	7	
07	7	100	7			71	67	65	81	25	6					76	70	67	74	25	7	7	UNL	4		H	73	70	68	84	03	9	
10	0	UNL	10			82	71	66	59	31	8					85	73	67	55	29	7	4	UNL	7			78	72	69	74	10	9	
13	6	200	6		H	85	71	64	50	23	8					89	75	69	52	31	7	9	32	7			82	74	70	67	11	3	
16	4	UNL	6		H	88	73	65	47	22	11					89	75	69	52	01	8	10	250	10			82	75	71	69	11	7	
19	3	UNL	6		H	84	74	70	63	22	10					86	76	71	61	00	10	10	20	7			75	71	69	82	11	8	
22	2	UNL	5		H	77	72	70	79	21	6					79	75	73	82	00	0	10	12	7			71	68	66	84	13	6	
01	10	250	6		F	67	65	64	90	15	3					73	70	68	84	25	7	10	140	6		F	69	68	67	93	20	8	
04	10	24	6		F	66	65	64	93	00	0					70	67	65	84	23	5	9	140	6		F	70	69	68	93	19	8	
07	10	8	5		F	67	65	63	87	15	6					72	68	66	82	18	8	10	9	3		F	72	71	70	94	20	8	
10	5	UNL	7			77	69	64	64	18	8					80	73	70	72	21	11	10	24	10			78	72	69	74	22	12	
13	9	27	7			79	72	68	69	15	8					87	77	73	63	21	11	10	20	10			77	72	69	76	26	6	
16	10	37	6		H	81	74	70	69	15	8					89	78	73	59	18	10	10	33	10		RF	68	65	63	84	36	9	
19	10	180	6		H	77	72	70	79	25	6					84	76	73	70	19	7	10	25	2		RW	62	61	61	97	35	14	
22	10	150	6		F	73	71	70	90	18	5					76	71	68	76	20	11	10	55	7		RWF	61	60	59	93	35	12	
01	10	55	7		L	60	59	58	93	36	9					59	57	55	87	28	5	7	UNL	7			64	61	58	81	28	5	
04	10	60	7			60	58	56	87	33	8					58	55	52	81	30	4	1	UNL	7			64	60	57	78	30	8	
07	10	90	8			59	56	54	84	35	11					62	56	51	67	32	8	9	UNL	7			66	61	57	73	34	10	
10	10	95	10		R	61	58	56	84	30	11					73	61	53	50	30	12	9	UNL	10			74	63	55	52	34	9	
13	8	40	15			69	61	55	61	34	15					77	62	51	40	32	13	9	UNL	10			79	62	49	35	36	9	
16	9	55	15			70	59	51	51	33	13					80	64	52	38	32	6	5	UNL	10			78	60	46	32	36	7	
19	3	UNL	15			67	58	50	55	34	7					76	64	56	50	30	5	3	UNL	10			72	61	53	51	09	4	
22	3	UNL	10			57	54	52	84	00	0					69	61	56	63	30	5	2	UNL	10			63	57	52	68	12	4	
01	6	UNL	15			58	55	52	81	13	4					58	53	49	72	00	0	7	UNL	10			62	61	60	93	03	3	
04	1	UNL	10			56	55	54	93	00	0					54	52	50	86	32	4	10	1	0		F	59	58	58	97	00	0	
07	6	100	7			64	61	58	81	30	5					61	56	52	72	33	5	10	0	0		2	LF	63	63	63	100	01	4
10	8	75	10			76	62	52	43	10	6					74	60	48	40	08	6	7	UNL	7			76	67	62	62	36	7	
13	4	UNL	10			80	64	52	38	09	7					80	63	51	37	08	10	2	UNL	10			81	66	56	42	05	7	
16	4	UNL	10			80	63	51	37	11	7					82	63	48	31	09	6	10	250	10			83	67	57	41	17	3	
19	7	UNL	10			72	59	49	44	12	7					76	64	55	48	08	5	10	250	7			77	67	61	58	06	4	
22	2	UNL	10			62	55	49	63	13	5					65	61	58	78	11	4	4	UNL	7			66	63	61	84	19	3	

## MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	M	M	M	M	M	M	M	M	M	M	M	M
ENDED: DATE												
ENDED: TIME (LST)												

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.

# OBSERVATIONS AT 3-HOUR INTERVALS

JUN 1995 13740  
RICHMOND, VA

HOUR	L.S.T.	SKY COVER (TENTHS)				TEMPERATURE				WIND		SKY COVER (TENTHS)				TEMPERATURE				WIND	
		01-5	5-10	10-15	15-20	AIR °F	WET BULB °F	DEW POINT °F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	01-5	5-10	10-15	15-20	AIR °F	WET BULB °F	DEW POINT °F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)
JUN 19																					
01	5	UNL	10			62	61	60	93	00	0	10	150	10							
04	8	UNL	7			59	58	58	97	34	4	1	UNL	5							
07	7	250	7			68	64	62	81	03	3	9	UNL	4							
10	9	250	10			76	66	59	56	01	4	9	UNL	7							
13	9	250	10			82	70	63	53	11	7	4	10	250	10						
16	9	140	10			83	71	65	55	12	6	6	9	UNL	10						
19	9	180	10			79	72	69	72	13	6	10	200	10							
22	8	250	10			74	70	68	82	11	5	7	UNL	7							
JUN 20																					
01						71	70	69	93	15	4	0	10	250	10						
04						69	68	68	97	00	0	10	250	7							
07						73	71	70	98	19	6	8	UNL	3							
10						82	75	72	72	20	10	5	8	UNL	7						
13						85	74	69	59	15	10	10	UNL	7							
16						89	75	69	52	21	8	10	200	7							
19						83	74	70	65	20	10	10	180	7							
22						73	69	67	82	19	8	10	65	7							
JUN 21																					
01						70	67	65	84	21	6	7	UNL	10							
04						68	66	65	90	22	7	6	UNL	7							
07						71	68	68	84	22	8	7	UNL	7							
10						82	71	69	57	21	11	6	UNL	7							
13						85	73	67	55	19	6	6	UNL	7							
16						83	72	67	59	17	9	5	UNL	7							
19						78	72	69	74	13	5	5	UNL	7							
22						74	70	68	82	12	5	5	UNL	7							
JUN 22																					
01	10	27	10		R	71	70	70	97	18	6	6	10	13	6						
04	7	110	10			69	68	68	97	04	3	10	9	7							
07	9	60	15			72	71	70	94	05	5	10	4	3							
10	9	40	10			78	73	70	77	07	7	10	9	5							
13	9	40	10			83	74	69	63	07	14	5	UNL	6							
16	10	150	10			81	71	66	60	08	12	8	32	7							
19	5	UNL	10			77	70	66	69	09	10	9	27	8							
22	8	120	8			74	70	67	79	03	8	9	21	7							
JUN 23																					
01						70	68	67	90	01	8	8	10	13	6						
04						69	69	69	100	35	6	6	10	3	5						
07						70	69	69	97	34	3	10	3	2							
10						76	73	71	85	16	3	10	9	3							
13						84	74	69	61	22	6	6	130	6							
16						81	74	71	72	07	10	7	48	6							
19						75	72	70	85	04	7	10	29	7							
22						72	71	70	94	02	8	3	UNL	4							
JUN 24																					
01						71	70	70	97	01	5	5	10	13	6						
04						71	70	70	97	34	6	6	10	3	5						
07						72	71	70	94	34	5	10	3	2							
10						74	72	71	90	33	6	10	9	3							
13						82	73	69	65	31	8	6	130	6							
16						84	74	69	61	34	5	10	7	48	6						
19						76	74	73	91	10	10	7	29	7							
22						73	72	72	97	00	8	3	UNL	4							
JUN 25																					
01	6	4	4		F	70	70	70	100	11	4	4	0	UNL	5						
04	10	1	0	2	F	70	70	70	100	17	4	0	0	UNL	4						
07	9	150	1	8	F	72	72	72	100	14	5	10	33	3							
10	7	150	6		H	82	75	72	72	20	7	10	130	4							
13	10	UNL	6		H	88	76	71	57	13	7	10	65	6							
16	6	37	6		H	89	76	70	54	18	12	10	140	6							
19	10	40	4		H	79	73	70	74	11	10	10	120	5							
22	4	UNL	5		H	73	71	70	90	18	6	10	140	4							
JUN 26																					
01						69	68	68	97	15	6	6	10	32	4						
04						69	68	68	97	21	6	6	10	3	2						
07						72	70	69	90	13	5	9	4	4							
10						82	75	71	69	15	4	9	150	7							
13						84	75	71	65	13	7	8	150	7							
16						83	75	71	67	29	5	10	150	7							
19						75	74	73	94	31	5	10	180	10							
22						73	72	72	97	13	4	10	UNL	10							
JUN 27																					
01						73	72	72	97	00	0	6	10	32	4						
04						74	73	73	97	08	6	6	10	3	2						
07						75	74	73	94	09	9	5	9	4	4						
10						81	75	72	74	08	13	4	9	150	7						
13						83	75	72	70	10	14	7	8	150	7						
16						79	73	70	74	07	9	5	10	150	7						
19						75	72	71	87	06	9	5	10	180	10						
22						73	71	70	90	08	5	10	UNL	10							
JUN 28																					
01	8	8	7			72	71	70	94	07	6	10	11	10							
04	10	19	7			72	71	70	94	07	7	10	6	5							
07	9	48	6		H	73	70	69	87	07	12	10	8	6							
10	10	11	5		F	73	71	70	90	04	9	10	19	6							
13	10	24	4		LH	76	71	69	79	08	12	9	140	10							
16	9	43	8			76	70	67	74	09	14	10	130	10							
19	10	15	5		L	71	68	67	87	09	9	10	180	10							
22	10	19	10			70	67	65	84	09	7	10	130	10							
JUN 29																					
01						69	66	64	84	06	6	10	13	10							
04						69	67	66	90	08	6	10	7	7							
07						71	69	68	90	08	7	10	7	6							
10						76	71	68	76	08	8	8	120	8							
13						84	73	68	59	07	11	8	120	8							
16						82	72	66	59	08	10	7	150	12							
19						74	70	68	82	11	6	9	250	12							
22						71	68	67	87	14	5	10	250	12							
JUN 30																					
01						70	69	68	93	12	3	6	10	13	10						
04						70	69	68	93	00	0	6	10	7	7						
07						7															

