

JUN 1994
 RICHMOND, VA
 NOAA-NATIONAL WEATHER SERVICE
 RIC INTL APT/EXECUTIVE TERMINAL

ISSN # 0198-537X



LOCAL CLIMATOLOGICAL DATA MONTHLY SUMMARY

INQUIRIES/COMMENTS CALL
 (704) 271-4800 VOICE
 271-4010 TDD/271-4876 FAX

R.E.BYRD INTERNATIONAL AP.

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

JUN 1994
 RICHMOND, VA

DATE	TEMPERATURE ° F			DEGREE DAYS BASE 65 ° F		WEATHER TYPES		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		1 FOG 2 HEAVY FOG 3 THUNDERSTORMS 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	WATER EQUIVALENT		SNOW ICE PELLETS	RESULTANT DIR	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST	FASTEST 1-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	91	63	77	6	63	0	12	1 8	0	0.00	0.0	29.690	22	7.1	9.4	24	S	14	20	802	92	5	4				
02	80	57	69	-2	49	0	4	1	0	0.00	0.0	29.820	36	6.8	8.0	20	N	12	36	806	92	4	4				
03	80	54	67*	-4	49	0	2		0	0.00	0.0	29.930	01	4.3	7.0	15	NW	10	07	814	93	5	4				
04	83	54*	69	-2	54	0	4	1	0	0.00	0.0	29.900	14	4.3	5.9	17	SE	10	14	597	68	5	5				
05	83	62	73	1	61	0	8		0	0.02	0.0	29.890	15	8.0	8.3	17	SE	13	15	192	22	8	7				
06	87	67	77	5	67	0	12	8	0	0.03	0.0	29.775	19	11.4	11.7	33	S	21	20	509	58	9	9				
07	91	73	82	10	70	0	17	1	8	0	T	0.0	29.610	20	9.1	9.7	21	SW	14	23	618	70	9	9			
08	86	67	77	5	65	0	12	1	8	0	0.05	0.0	29.640	36	3.9	7.8	16	E	13	34	350	40	10	9			
09	78	60	69	-4	52	0	4	1	0	0.00	0.0	29.850	34	6.8	8.2	18	N	13	02	555	63	9	9				
10	76	61	69	-4	59	0	4	1	0	0.03	0.0	29.890	12	4.2	5.3	10	SE	8	13	54	6	10	10				
11	82	64	73	0	64	0	8	1	0	T	0.0	29.910	14	5.7	6.8	17	S	13	14	207	23	10	9				
12	88	67	78	5	68	0	13	1	8	0	T	0.0	29.885	16	7.3	8.1	15	S	13	17	289	33	8	8			
13	94	69	82	8	69	0	17	1	8	0	0.00	0.0	29.900	16	8.4	9.1	21	S	14	14	366	41	4	3			
14	98	72	85	11	69	0	20	1	8	0	0.00	0.0	29.890	18	7.3	8.3	18	S	13	16	816	92	3	2			
15	99*	73	86*	12	69	0	21	1 3	8	0	0.00	0.0	29.970	18	3.4	5.8	26	N	18	02	662	75	3	3			
16	91	71	81	7	71	0	16	1 3	8	0	0.30	0.0	29.970	02	2.9	6.0	24	N	15	21	511	58	8	6			
17	88	67	78	4	69	0	13	1	8	0	0.00	0.0	29.935	04	3.9	7.1	15	E	13	02	532	60	8	5			
18	93	67	80	5	68	0	15	1	8	0	0.00	0.0	29.910	16	3.6	4.9	14	S	9	16	630	71	3	2			
19	97	70	84	9	68	0	19	8	0	0.00	0.0	29.840	19	3.2	6.1	16	W	12	23	818	92	4	5				
20	95	73	84	9	69	0	19	8	0	0.00	0.0	29.830	03	7.4	9.9	18	NE	14	08	824	93	4	5				
21	96	70	83	8	71	0	18	1 3	8	0	0.10	0.0	29.720	22	3.1	8.2	24	W	13	26	682	77	7	8			
22	92	71	82	7	66	0	17	1	8	0	T	0.0	29.690	34	3.8	7.8	18	NW	13	01	769	87	3	5			
23	96	73	85	9	71	0	20	1 3	8	0	0.06	0.0	29.630	16	4.5	7.3	17	SW	14	20	635	72	6	6			
24	94	70	82	6	71	0	17	1	8	0	0.00	0.0	29.480	20	12.4	12.8	28	SW	22	21	804	91	3	4			
25	93	69	81	5	61	0	16		0	0.00	0.0	29.590	23	12.5	13.7	30	SW	21	22	821	93	4	5				
26	93	64	79	3	62	0	14	8	0	0.00	0.0	29.755	18	10.7	11.6	28	S	18	16	815	92	3	3				
27	84	64	74	-2	65	0	9	3	0	0.20	0.0	29.690	19	14.0	14.7	47	S	22	22	712	81	9	8				
28	92	68	80	4	65	0	15	1	8	0	0.00	0.0	29.760	20	9.2	10.1	23	S	15	21	784	89	3	4			
29	94	70	82	6	68	0	17	3	8	0	0.02	0.0	29.650	20	11.9	12.5	44	S	30	21	654	74	6	7			
30	90	66	78	1	66	0	13	1 3	0	0.92	0.0	29.725	20	9.5	11.5	44	SW	29	24	585	66	8	8				
SUM	SUM			TOTAL		TOTAL		NUMBER OF DAYS		TOTAL		TOTAL		FOR THE MONTH :				TOTAL		%		SUM		SUM			
2684	1996			0		396				1.73		0.0		29.790 19 3.9 8.8 47 S 30 21				18213		FOR		181		176			
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION	PRECIPITATION		DEP.				DATE:27 DATE:29				POSS		MONTH		AVG		AVG			
89.5	66.5	78.0	4.1	64.6	0	126	≥ .01 INCH	10		-1.89								26456		69		6.0		5.9			
NUMBER OF DAYS				SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF															
				TOTAL		TOTAL						SNOW, ICE PELLETS OR ICE															
MAXIMUM TEMP.				MINIMUM TEMP.		3881		551		THUNDERSTORMS		7		PRECIPITATION		SNOW, ICE PELLETS		AND DATE									
≥ 90°				≤ 32°		≤ 32°		≤ 0°		DEP.		DEP.		HEAVY FOG		0		0.94		29-30		0.0		0			
18				0		0		0		-82		179		CLEAR		7		PARTLY CLOUDY		11		CLOUDY		12			

* 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.
 + ALSO ON EARLIER DATE(S).
 HEAVY FOG: VISIBILITY 1/4 MILE OR LESS. COLS 16 & 17 : PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED.
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. 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 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.

Kenneth D Haden

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

DIRECTOR NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

JUN 1994 13740
RICHMOND, VA

HOUR	L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	16THS MILE	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	16THS MILE	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	16THS MILE	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)						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)																																											
JUN 01																												JUN 02																												JUN 03																											
01	0	UNL	7				66	62	60	81	19	6	4	UNL	7			72	65	61	69	30	5	0	UNL	10					57	52	47	69	01	6																																															
04	0	UNL	7			H	64	62	60	87	19	6	3	UNL	6			F	64	61	59	84	35	5	0	UNL	10					54	50	46	75	36	8																																														
07	7	UNL	6				71	66	63	76	22	9	8	UNL	7				65	56	48	54	36	10	1	UNL	8					60	54	48	65	05	7																																														
10	7	250	12				82	70	63	53	27	8	1	UNL	7				68	53	38	33	36	9	0	UNL	8					69	58	48	47	36	5																																														
13	5	UNL	8				89	73	65	45	22	10	1	UNL	8				75	57	41	30	36	7	9	UNL	10					75	59	47	37	36	8																																														
16	0	UNL	8				90	73	65	44	20	12	0	UNL	10				79	61	46	31	25	5	5	UNL	10					78	61	48	35	25	6																																														
19	5	UNL	8				85	72	66	53	21	9	9	250	10				71	60	52	51	03	7	7	UNL	10					72	60	50	46	02	6																																														
22	7	75	7				79	71	66	65	35	6	3	UNL	10				64	57	51	63	05	6	4	UNL	10					62	57	53	73	03	4																																														
JUN 04																												JUN 05																												JUN 06																											
01	0	UNL	10				58	56	55	90	12	3	7	95	8				64	57	52	65	14	6	4	UNL	7					71	65	62	73	17	6																																														
04	0	UNL	8				55	53	52	90	00	0	10	55	8				64	58	53	68	13	3	10	20	7						69	65	62	79	17	7																																													
07	0	UNL	7				67	62	58	73	20	4	10	95	7				68	61	56	66	15	6	6	UNL	7					71	66	63	76	18	8																																														
10	1	UNL	7				79	64	54	42	11	8	10	47	7				67	64	62	84	14	8	10	21	7						82	73	69	65	18	14																																													
13	6	250	7				82	63	50	33	15	4	10	55	7				80	69	62	54	16	8	10	29	7						83	74	70	65	19	11																																													
16	10	80	7				80	64	52	38	16	8	8	60	7				82	70	64	55	15	11	8	UNL	7					87	75	70	57	18	10																																														
19	10	65	7				75	64	57	54	12	6	6	55	7				77	71	67	71	14	7	10	80	7																																																								
22	10	65	7				68	62	57	68	15	7	2	UNL	7				74	68	65	74	15	11	10	32	7																																																								
JUN 07																												JUN 08																												JUN 09																											
01	10	13	7				73	71	70	90	20	10	0	UNL	7				74	69	66	76	30	4	10	32	6																																																								
04	10	85	7				73	71	70	90	20	7	10	150	7				72	68	66	82	24	6	10	85	8																																																								
07	10	130	6			H	75	72	70	85	22	11	10	180	5			H	73	69	67	82	33	6	10	90	8																																																								
10	7	21	6			H	82	74	70	67	24	11	10	140	5			RWE	77	71	68	74	35	9	9	250	10																																																								
13	10	150	6			H	87	75	70	57	21	10	10	150	6			H	85	69	60	43	34	11	10	250	10																																																								
16	9	UNL	6			H	91	75	68	47	22	5	10	150	6			H	78	68	63	60	05	4	9	140	10																																																								
19	10	UNL	6			H	82	75	72	72	18	8	10	150	7			H	76	70	66	71	08	7	9	150	8																																																								
22	10	UNL	6			H	78	73	71	79	20	7	10	95	5			F	69	67	66	90	36	5	3	UNL	10																																																								
JUN 10																												JUN 11																												JUN 12																											
01	10	110	7				63	59	56	78	05	5	10	50	5			F	66	64	63	90	06	3	10	30	6																																																								
04	10	39	7				64	60	57	78	14	3	10	50	5			F	65	63	62	90	00	0	10	27	6																																																								
07	10	140	7				66	60	56	70	02	4	10	31	5			RWF	66	63	61	84	09	4	7	21	6																																																								
10	10	35	7				73	65	59	62	17	6	10	10	6			F	69	67	66	90	14	8	8	UNL	7																																																								
13	10	40	7				74	63	56	54	14	7	10	65	7				73	69	66	79	15	5	10	UNL	7																																																								
16	10	48	7				75	65	59	58	16	5	9	55	7				80	69	62	54	18	10	10	250	7																																																								
19	10	65	7				73	67	63	71	13	4	5	UNL	7				73	67	64	74	14	11	10	UNL	7																																																								
22	10	140	5			RF	67	65	63	87	12	4	10	25	6			F	70	68	67	90	18	5	9	UNL	7																																																								
JUN 13																												JUN 14																												JUN 15																											
01	5	UNL	7				71	70	69	93	17	7	0	UNL	7				74	71	70	87	17	7	0	UNL	5																																																								
04	3	UNL	6			F	71	70	69	93	14	6	0	UNL	7				72	71	70	94	16	7	0	UNL	5																																																								
07	10	3	2			F	73	72	71	94	16	7	5	UNL	5			H	79	74	72	79	17	6	0	UNL	2																																																								
10	0	UNL	5			H	86	76	72	63	16	7	0	UNL	5			H	91	77	71	52	22	10	0	UNL	5																																																								
13	2	UNL	6			H	92	75	67	44	19	9	2	UNL	5			H	95	76	68	41	23	10	4	UNL	5																																																								
16	7	UNL	6			H	92	74	66	42	18	11	2	UNL	6			H	95	75	66	39	21	8	3	UNL	5																																																								
19	3	UNL	6			H	84	75	70	63	13	10	5	UNL	5			H	87	75	69	55	18	7	10	110	5																																																								
22	0	UNL	7				77	72	70	79	15	8	1	UNL	5			H	80	73	70	72	14	6	2	UNL	5																																																								
JUN 16																												JUN 17																												JUN 18																											
01	0	UNL	6			H	75	72	70	85	18	6	3	UNL	5			F	70	69	68	93	02	4	0	UNL	2																																																								
04	0	UNL	5			H	72	70	69	90	36	5	2	UNL	4			F	69	68	67	93	30	6	1	UNL	2																																																								
07	9	250	3			FH	75	72	70	85	07	3	10	1	0			F	69	68	68	97	33	7	2	UNL	2																																																								
10	10	150	3			RWE	82	75	71	69	11	4	10	9	2			F	76	73	71	85	06	7	3	UNL	3																																																								
13	10	100	3			H	90	77	72	56	13	8	10	24	3			F	83	75	71	67	08	8	4	UNL	5																																																								
16	10	150	2			FH	81	78	77	88	02	8	4	UNL	3			H	87	75	69	55	03	6	3	UNL	6																																																								
19	5	UNL	5			FH	76	72	70	82	36	4	0	UNL	5			H	80	74	71	74	10	10	1	UNL	6																																																								
22	0	UNL	5			F	72	70	69	90	35	6	0	UNL	5			F	72	70	69	90	14	4	6	50	7																																																								

MAXIMUM SHORT DURATION PRECIPITATION

NATIONAL CLIMATIC DATA CENTER
 ROOM 120
 151 PATTON AVENUE
 ASHEVILLE, NORTH CAROLINA 28801-5001

FIRST CLASS
 POSTAGE AND FEES PAID
 NOAA
 PERMIT G-19

OFFICIAL BUSINESS
 PENALTY FOR PRIVATE USE \$300

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

JUN 1994 13740
 RICHMOND, VA
 USCOM - NOAA - ASHEVILLE, NC 275

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									T	0.02														05	
06																	0.01	0.02		T	T	T		06	
07					T	T																		07	
08							T	T	T	T									0.05	T				08	
09																								09	
10																		T	0.01	0.01	0.01		T	10	
11							T	T	T		T	T	T											11	
12		T	T											T	T									12	
13																								13	
14																								14	
15																								15	
16									T	T														16	
17														0.30										17	
18																								18	
19																								19	
20																								20	
21																			0.01	0.02	T	0.01	0.06	T	21
22	T																							22	
23															0.02	0.01	0.03							23	
24																								24	
25																								25	
26																								26	
27									0.15	0.04	0.01					T	T							27	
28																								28	
29																								29	
30	T	T	T	0.06	0.03	0.01									0.37	0.32	0.10	0.03	T		T	0.01	0.01	30	