

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

FEB 1992
 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 WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)	AVERAGE STATION PRESSURE IN INCHES ELEV. 177 FEET ABOVE M.S.L.	WIND (M.P.H.)				SUNSHINE MINUTES	SKY COVER (TENTHS)					
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS WITH JAN)						RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST		DIRECTION	FASTEST 1-MIN	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	44	29	37	0	19	28	0		0	0.00	0.0	29.730	32	12.3	12.7	33	NW	18	31	476	77	7	5
02	49	22	36	-1	8	29	0		0	0.00	0.0	29.920	31	7.2	8.0	25	N	17	32	610	98	0	0
03	54	25	40	3	19	25	0		0	0.00	0.0	29.890	32	3.5	5.2	15	N	12	30	617	99	1	1
04	58	26	47	10	29	18	0	1	8	0.00	0.0	29.655	21	4.4	9.0	28	N	25	36	565	90	5	4
05	47	31	39	2	18	26	0		0	0.00	0.0	29.760	36	8.1	8.6	33	NW	17	33	521	83	4	5
06	46	28	37	0	20	28	0		0	0.00	0.0	29.700	04	8.3	8.8	21	NE	14	05	555	88	9	7
07	50	28	39	2	27	26	0	1		0.00	0.0	29.450	35	7.2	7.8	15	NW	12	31	385	61	10	6
08	44	30	37	-1	26	28	0	1	8	0.09	0.8	29.600	31	6.1	6.8	21	W	15	29	253	40	9	7
09	41	20	31	-7	11	34	0		0	0.00	0.0	30.110	31	5.1	8.1	22	W	15	30	563	89	0	0
10	42	18*	30*	-8	14	35	0		0	0.00	0.0	30.380	07	4.0	6.2	15	NE	12	05	614	96	2	3
11	58	32	45	7	28	20	0		0	0.00	0.0	30.110	22	6.9	7.6	18	S	14	23	468	73	6	6
12	44	28	36	-2	14	29	0		0	0.00	0.0	30.270	04	8.3	10.3	23	N	18	36	580	90	6	7
13	36	28	32	-6	24	33	0	1	4 6	0.02	0.0	30.020	34	1.0	5.1	14	SW	8	18	92	14	10	10
14	61	29	45	6	35	20	0	1	8	0.00	0.0	29.910	12	2.9	6.4	16	SE	12	23	616	95	6	5
15	59	40	50	11	47	15	0	1		0.83	0.0	29.770	16	6.8	8.6	25	SW	17	20	0	0	10	9
16	64	39	52	13	46	13	0		0	0.00	0.0	29.740	26	10.2	12.6	29	W	18	29	554	85	4	2
17	49	31	40	1	34	25	0	1		0.11	0.0	30.120	07	4.8	6.1	15	E	10	03	419	64	9	7
18	45	40	43	4	43	22	0	1		0.10	0.0	29.910	34	3.2	7.7	16	NE	14	03	0	0	10	10
19	69	45	57*	17	47	8	0	1		0.07	0.0	29.720	22	7.1	8.4	21	SW	14	25	483	74	9	8
20	58	33	46	6	34	19	0		0	0.00	0.0	29.960	29	9.2	10.1	25	NW	18	31	555	84	1	2
21	68	29	49	9	31	16	0		0	0.00	0.0	30.110	23	4.8	8.4	23	SW	15	26	573	87	3	1
22	70*	35	53	13	35	12	0	1		0.00	0.0	30.110	18	4.9	8.2	22	SW	16	21	611	92	5	5
23	58	43	51	11	47	14	0	1		0.11	0.0	29.910	14	3.5	5.5	12	E	10	18	0	0	10	9
24	53	44	49	8	49	16	0	1		0.26	0.0	29.890	04	7.9	8.1	16	NE	12	04	20	3	10	10
25	44	40	42	1	42	23	0	1		0.77	0.0	29.840	03	7.6	8.2	16	NE	12	02	0	0	10	10
26	48	40	44	3	41	21	0	1		0.53	0.0	29.460	35	7.1	8.7	21	N	14	34	185	27	10	9
27	56	31	44	2	34	21	0	1		0.00	0.0	29.610	24	7.4	9.2	23	W	15	23	616	91	5	4
28	64	37	51	9	35	14	0		0	0.00	0.0	29.520	22	13.5	14.3	33	SW	21	22	591	87	4	2
29	58	27	43	1	22	22	0		0	0.00	0.0	29.660	31	10.0	13.4	35	N	23	36	609	90	2	3
SUM	SUM					TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	29.860	31	2.2	8.6	35	N	25	36	12131	% FOR MONTH	SUM	SUM
1547	928					640	0			2.89	0.8									12131	177	157	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	DEP.	PRECIPITATION		DEP.						DATE: 29	DATE: 4	POSSIBLE		18845	64	6.1	5.4
53.3	32.0	42.7	3.8	30.3	-11.4	0	0	0.01 INCH.	10	-0.24													
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 AND DATE									
						TOTAL	TOTAL	≥ 1.0 INCH	0														
MAXIMUM TEMP.						2699		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS											
≥ 90°						≤ 32°		HEAVY FOG		1.29		25-26		0.8									
0						0		CLEAR 7		PARTLY CLOUDY 10		CLOUDY 12											

* 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

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OBSERVATIONS AT 3-HOUR INTERVALS

FEB 1992
RICHMOND, VA 13740

HOUR L.S.T.	VISI-BILITY			TEMPERATURE				WIND			WEATHER	VISI-BILITY			TEMPERATURE				WIND																																																																																																					
	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																																																																									
																																SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE																																																																													
FEB 1st																															FEB 2nd																															FEB 3rd																																																										
01	5	UNL	8	38	33	26	62	31	4	0	UNL	8	29	24	12	49	30	8	10	65	8	37	29	11	34	35	4	FEB 4th																															FEB 5th																															FEB 6th																														
04	10	50	8	38	33	24	57	35	10	0	UNL	8	25	21	11	55	31	6	0	UNL	8	29	24	12	49	35	4	FEB 7th																															FEB 8th																															FEB 9th																														
07	0	UNL	8	35	30	21	57	35	9	0	UNL	8	31	27	20	64	36	6	0	UNL	8	29	26	19	66	05	6	FEB 10th																															FEB 11th																															FEB 12th																														
10	10	48	8	38	32	21	50	33	13	0	UNL	10	32	26	11	42	32	12	0	UNL	8	41	33	18	40	34	9	FEB 13th																															FEB 14th																															FEB 15th																														
13	9	60	8	41	34	21	45	31	12	0	UNL	12	44	32	2	17	34	14	0	UNL	10	50	38	17	27	28	8	FEB 16th																															FEB 17th																															FEB 18th																														
16	4	UNL	8	43	34	16	34	32	15	1	UNL	15	49	34	2	14	31	11	2	UNL	10	53	40	20	27	30	7	FEB 19th																															FEB 20th																															FEB 21st																														
19	0	UNL	8	37	30	15	41	32	13	0	UNL	12	39	29	6	25	22	4	1	UNL	10	42	35	24	49	05	5	FEB 22nd																															FEB 23rd																															FEB 24th																														
22	0	UNL	8	33	27	12	42	32	12	0	UNL	10	32	25	9	38	03	3	0	UNL	10	38	34	27	65	00	0	FEB 25th																															FEB 26th																															FEB 27th																														

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.05	0.08	0.10	0.12	0.15	0.22	0.30	0.33	0.37	0.41	0.43	0.48
ENDED: DATE	25	25	25	25	25	25	25	25	25	25	25	25
ENDED: TIME	2256	2256	2300	2304	2256	2256	2259	2322	2328	2347	2347	2359

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

FEB 1992
RICHMOND, VA

13740

HOUR L.S.T.	FEB 19th				FEB 20th				FEB 21st				FEB 22nd				FEB 23rd				FEB 24th				FEB 25th				FEB 26th				FEB 27th				FEB 28th				FEB 29th													
	SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE	WEATHER	AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION
01	10	3	2		F	45	45	45	100	19	8	7	100	10			50	46	42	74	30	6	0	UNL	10				36	33	29	76	17	4	0	UNL	10				34	32	29	82	19	4								
04	10	3	2		LF	46	46	46	100	19	4	8	95	10			48	44	39	71	24	6	0	UNL	10				36	32	29	82	19	4	0	UNL	10				36	34	31	82	21	9								
07	10	2	1		F	48	48	47	96	21	6	8	75	10			45	40	34	66	30	10	0	UNL	7				52	44	34	51	24	8	0	UNL	7				65	50	32	29	26	13								
10	10	5	3		F	52	51	50	93	24	8	0	UNL	10			50	44	36	59	30	12	0	UNL	7				52	44	34	51	24	8	0	UNL	7				65	50	32	29	26	13								
13	10	250	8			64	58	53	68	22	8	0	UNL	10			55	46	35	47	31	16	5	UNL	8				67	58	50	55	25	12	1	UNL	10				56	44	30	37	30	13								
16	7	250	10			67	58	50	55	25	12	1	UNL	10			56	44	30	37	30	13	5	UNL	10				67	58	50	55	25	12	1	UNL	10				56	44	30	37	30	13								
19	6	UNL	8			54	50	47	77	24	5	0	UNL	10			51	42	30	45	31	5	0	UNL	10				59	48	36	42	05	3	0	UNL	10				59	48	36	42	05	3								
22	0	UNL	10			50	45	40	69	20	7	0	UNL	10			44	39	32	63	25	6	0	UNL	10				50	41	28	43	08	5	0	UNL	10				50	41	28	43	08	5								

SUMMARY BY HOURS

- 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).

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				
01	5	29.850	39	36	30	7.2	7.5	34	1.6
04	5	29.840	37	34	30	7.6	7.2	31	1.8
07	6	29.870	36	34	30	7.8	7.1	32	2.0
10	6	29.905	43	38	31	6.5	10.4	33	4.5
13	6	29.855	49	42	31	5.4	10.7	31	4.5
16	6	29.820	51	43	30	5.0	10.5	29	4.1
19	5	29.850	45	39	31	6.1	7.2	20	0.7
22	5	29.865	42	37	30	6.6	7.7	31	0.3

