



LOCAL CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

LATITUDE 37° 30' N LONGITUDE 77° 20' W ELEVATION (GROUND) 164 FT. STANDARD TIME USED: EASTERN 48AN #13740

RICHMOND, VIRGINIA
NATIONAL WEATHER SERVICE OFC
R.E. BYRD INTERNATIONAL AP.
DECEMBER 1974

USB FILE COPY

Main climatology table with columns for Date, Temperature (Max, Min, Avg, Departure, Average Dew Point, Degree Days), Weather Types, Snow/Ice, Precipitation, Wind (Resultant, Average, Fastest), Sunshine, and Sky Cover. Includes summary rows at the bottom.

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

Hourly precipitation table with columns for Date, A.M. Hour Ending At (1-12), P.M. Hour Ending At (1-12), and Date. Shows precipitation amounts in inches for each hour.

\* EXTREME TEMPERATURES FOR THE MONTH...
- BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL...
+ 70° AT ALASKAN STATIONS...
\* ALSO ON AN EARLIER DATE, OR DATES...
X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS...
T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO SMALL TO MEASURE

THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING AND JANUARY FOR COOLING...
DATA IN COLUMNS 9, 12, 13, 14, AND 15 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS...
WIND DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS...
RESULTANT WIND IS THE VECTOR SUM OF WIND DIRECTIONS AND SPEEDS DIVIDED BY THE NUMBER OF OBSERVATIONS...
FIGURES FOR DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH (I.E., 09-EAST, 18-SOUTH, 27-WEST, 36-NORTH, AND 00-CALM. WHEN DIRECTIONS ARE IN TENS OF DEGREES IN COL. 17, ENTRIES IN COL. 16 ARE FASTEST OBSERVED 1-N-MINUTE SPEEDS. IF THE / APPEARS IN COL. 17, SPEEDS ARE GUSTS...
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY.

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.65 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED. FOREIGN MAILING \$2.10 EXTRA. SINGLE COPY: 20¢ FOR MONTHLY ISSUE; 15¢ FOR ANNUAL SUMMARY. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS AND ORDERS TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

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 CENTER, ASHEVILLE, NORTH CAROLINA, 28801.
William H. Haggard
DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

Summary by hours table with columns for Hour, Sky Cover, Station Pressure, Temperature (Air, Wet Bulb, Dew Pt.), Relative Humidity, Wind Speed, Direction, and Resultant Wind Speed.

RICHMOND, VIRGINIA

# OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	VISI-BLINDING			TEMPERATURE			WIND			VISI-BLINDING			TEMPERATURE			WIND			VISI-BLINDING			TEMPERATURE			WIND			
	SMOKE	CEILING	MOVS. OF F.L.	AIR °F	NET BULB °F	DEW PT. °F	REL. HUM. %	DIR	SPEED KNOTS	SMOKE	CEILING	MOVS. OF F.L.	AIR °F	NET BULB °F	DEW PT. °F	REL. HUM. %	DIR	SPEED KNOTS	SMOKE	CEILING	MOVS. OF F.L.	AIR °F	NET BULB °F	DEW PT. °F	REL. HUM. %	DIR	SPEED KNOTS	
DAY 01																												
01	10	25	10	39	36	31	73	04	9	10	18	8	40	37	34	79	21	6	10	70	12	39	36	31	73	27	4	
04	10	29	10	41	40	38	93	07	11	10	11	7	38	37	35	89	20	9	10	UNL	12	35	32	29	76	29	6	
07	10	9	6	47	46	45	93	07	12	10	30	1	38	36	32	79	22	10	10	UNL	12	35	32	27	73	28	6	
10	10	9	6	53	51	50	80	11	10	10	35	7	38	35	30	73	21	9	4	UNL	12	47	39	29	50	31	10	
13	10	11	4	58	57	56	83	12	15	10	25	7	41	37	30	65	25	12	4	UNL	12	54	44	31	42	32	13	
16	7	30	7	58	57	56	90	17	7	10	12	7	38	37	33	79	27	10	0	UNL	12	53	39	18	25	28	11	
19	9	40	10	47	45	42	83	27	6	10	8	6	37	37	36	86	28	5	0	UNL	12	43	33	13	29	34	11	
22	10	50	10	43	40	37	79	27	6	10	40	8	38	36	34	86	28	8	0	UNL	12	37	30	17	44	31	7	
DAY 02																												
01	0	UNL	12	26	24	18	72	33	4	7	UNL	10	24	23	18	72	33	4	7	UNL	10	28	27	24	85	14	4	
04	0	UNL	12	24	23	18	78	34	5	6	70	10	26	24	18	78	34	5	6	70	10	25	25	23	92	00	0	
07	0	UNL	12	20	18	16	84	36	3	2	UNL	7	20	18	16	84	36	3	2	UNL	7	23	22	20	88	00	0	
10	0	UNL	12	38	31	19	46	35	9	0	UNL	6	35	29	18	50	04	8	0	UNL	6	38	35	30	73	03	4	
13	0	UNL	12	44	35	21	40	32	12	2	UNL	12	44	34	14	30	30	3	0	UNL	8	48	38	24	39	06	3	
16	0	UNL	12	46	36	20	36	32	8	3	UNL	12	46	35	16	31	19	5	0	UNL	8	49	39	25	38	06	5	
19	0	UNL	12	33	28	17	52	34	6	2	UNL	12	28	25	18	66	15	3	3	0	UNL	12	35	30	22	59	06	5
22	0	UNL	12	32	27	17	54	36	8	3	UNL	10	28	26	21	75	00	0	0	UNL	12	30	26	18	61	00	0	
DAY 03																												
01	0	UNL	12	28	23	11	48	28	6	0	UNL	12	26	23	15	63	20	3	10	100	10	43	37	28	56	18	5	
04	0	UNL	12	24	21	12	60	28	5	0	UNL	12	24	23	18	78	00	0	10	80	8	R	42	38	33	71	00	0
07	0	UNL	12	22	20	13	68	26	6	5	UNL	12	22	21	19	88	00	0	10	80	8	R	42	39	35	76	18	3
10	2	UNL	12	30	25	12	47	26	4	10	UNL	7	38	32	21	50	24	4	10	UNL	7	44	42	40	86	23	4	
13	2	UNL	12	38	29	10	31	28	8	10	UNL	7	46	36	19	34	17	5	10	UNL	7	55	48	44	67	23	3	
16	1	UNL	12	41	31	10	28	24	8	10	120	7	47	37	22	37	17	7	10	250	7	47	37	34	69	15	4	
19	0	UNL	12	42	35	25	51	19	4	10	100	12	42	35	25	51	19	4	10	250	6	H	48	46	44	86	00	0
22	0	UNL	12	32	26	13	45	22	4	10	100	10	42	35	25	51	18	4	10	250	5	H	42	42	41	96	00	0
DAY 04																												
01	0	UNL	12	28	23	11	48	28	6	0	UNL	12	26	23	15	63	20	3	10	100	10	43	37	28	56	18	5	
04	0	UNL	12	24	21	12	60	28	5	0	UNL	12	24	23	18	78	00	0	10	80	8	R	42	38	33	71	00	0
07	0	UNL	12	22	20	13	68	26	6	5	UNL	12	22	21	19	88	00	0	10	80	8	R	42	39	35	76	18	3
10	2	UNL	12	30	25	12	47	26	4	10	UNL	7	38	32	21	50	24	4	10	UNL	7	44	42	40	86	23	4	
13	2	UNL	12	38	29	10	31	28	8	10	UNL	7	46	36	19	34	17	5	10	UNL	7	55	48	44	67	23	3	
16	1	UNL	12	41	31	10	28	24	8	10	120	7	47	37	22	37	17	7	10	250	7	47	37	34	69	15	4	
19	0	UNL	12	42	35	25	51	19	4	10	100	12	42	35	25	51	19	4	10	250	6	H	48	46	44	86	00	0
22	0	UNL	12	32	26	13	45	22	4	10	100	10	42	35	25	51	18	4	10	250	5	H	42	42	41	96	00	0
DAY 05																												
01	0	UNL	12	28	23	11	48	28	6	0	UNL	12	26	23	15	63	20	3	10	100	10	43	37	28	56	18	5	
04	0	UNL	12	24	21	12	60	28	5	0	UNL	12	24	23	18	78	00	0	10	80	8	R	42	38	33	71	00	0
07	0	UNL	12	22	20	13	68	26	6	5	UNL	12	22	21	19	88	00	0	10	80	8	R	42	39	35	76	18	3
10	2	UNL	12	30	25	12	47	26	4	10	UNL	7	38	32	21	50	24	4	10	UNL	7	44	42	40	86	23	4	
13	2	UNL	12	38	29	10	31	28	8	10	UNL	7	46	36	19	34	17	5	10	UNL	7	55	48	44	67	23	3	
16	1	UNL	12	41	31	10	28	24	8	10	120	7	47	37	22	37	17	7	10	250	7	47	37	34	69	15	4	
19	0	UNL	12	42	35	25	51	19	4	10	100	12	42	35	25	51	19	4	10	250	6	H	48	46	44	86	00	0
22	0	UNL	12	32	26	13	45	22	4	10	100	10	42	35	25	51	18	4	10	250	5	H	42	42	41	96	00	0
DAY 06																												
01	0	UNL	12	28	23	11	48	28	6	0	UNL	12	26	23	15	63	20	3	10	100	10	43	37	28	56	18	5	
04	0	UNL	12	24	21	12	60	28	5	0	UNL	12	24	23	18	78	00	0	10	80	8	R	42	38	33	71	00	0
07	0	UNL	12	22	20	13	68	26	6	5	UNL	12	22	21	19	88	00	0	10	80	8	R	42	39	35	76	18	3
10	2	UNL	12	30	25	12	47	26	4	10	UNL	7	38	32	21	50	24	4	10	UNL	7	44	42	40	86	23	4	
13	2	UNL	12	38	29	10	31	28	8	10	UNL	7	46	36	19	34	17	5	10	UNL	7	55	48	44	67	23	3	
16	1	UNL	12	41	31	10	28	24	8	10	120	7	47	37	22	37	17	7	10	250	7	47	37	34	69	15	4	
19	0	UNL	12	42	35	25	51	19	4	10	100	12	42	35	25	51	19	4	10	250	6	H	48	46	44	86	00	0
22	0	UNL	12	32	26	13	45	22	4	10	100	10	42	35	25	51	18	4	10	250	5	H	42	42	41	96	00	0
DAY 07																												
01	0	UNL	12	28	23	11	48	28	6	0	UNL	12	26	23	15	63	20	3	10	100	10	43	37	28	56	18	5	
04	7	70	12	28	26	22	78	35	3	10	6	4	56	55	55	96	14	7	8	80	12	44	39	32	63	31	5	
07	6	UNL	12	25	24	22	88	34	4	10	8	4	57	56	56	96	16	8	10	80	12	41	37	31	68	30	4	
10	10	250	12	40	36	31	70	05	3	10	16	6	62	60	59	90	23	8	1	UNL	10	45	38	28	51	26	9	
13	10	250	12	53	46	38	57	08	6	8	70	12	63	57	52	68	24	14	10	40	10	47	39	23	39	30	13	
16	10	70	12	57	49	41	55	12	3	5	UNL	12	58	54	49	70	25	11	10	14	6	SM	38	35	28	65	02	11
19	10	100	10	53	48	44	72	08	3	1	UNL	12	54	50	46	75	26	6	4	UNL	12	33	31	28	82	35	6	
22	10	80	5	48	47	47	96	04	3	10	80	12	50	44	47	71	30	7	0	UNL	12	28	24	11	47	30	8	
DAY 08																												
01	0	UNL	12	28	23	11	48	28	6	0	UNL	12	26	23	15	63	20	3	10	100	10	43	37	28	56	18	5	
04	0	UNL	12	24	21	12	60	28	5	0	UNL	12	24	23	18	78	00	0	10	80	8	R	42	38	33	71		