



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

RICHMOND, VIRGINIA
NATIONAL WEATHER SERVICE OFC
R.E. BYRD INTERNATIONAL AP.
JULY 1975

LATITUDE 37° 30' N LONGITUDE 77° 20' W ELEVATION (GROUND) 164 FT. STANDARD TIME USED: EASTERN L8AN #13740

Main climate data table with columns for DATE, TEMPERATURE (MAX, MIN, AVG, DEPARTURE, AVERAGE DEW POINT, HEATING, COOLING), WEATHER TYPES, SNOW/ICE, PRECIPITATION, WIND, SUNSHINE, SKY COVER, etc. Includes summary rows at the bottom.

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

Hourly precipitation table with columns for A.M. HOUR ENDING AT and P.M. HOUR ENDING AT, showing precipitation amounts in inches for each hour.

RICHMOND, VIRGINIA

EXTREME TEMPERATURES FOR THE MONTH...
BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL...
70° AT ALASKAN STATIONS...
ALSO ON AN EARLIER DATE, OR DATES...
HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS...
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 8, 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...
AND 00=CALM...
ENTRIES IN COL. 15 ARE FASTEST OBSERVED 1-MINUTE SPEEDS...
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...
I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION...
WILLIAM H. HAGGARD
DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

Summary by hours table with columns for HOUR LOCAL TIME, SKY COVER, STATION PRESSURE, TEMPERATURE (AIR, MET, BULB, DEW), RELATIVE HUMIDITY, WIND SPEED, WIND DIRECTION, RESULTANT WIND SPEED.

OBSERVATIONS AT 3-HOUR INTERVALS

Table with columns for Hour, Sky Cover, Ceiling, Visibility, Temperature, Wind, and other weather metrics, organized by Day (01-31).

NOTES

CEILING COLUMN - UNL INDICATES AN UNLIMITED CEILING

WEATHER COLUMN -

- TORNADO
THUNDERSTORM
SOURLL
RAIN
RAIN SHOWERS
FREEZING RAIN
DRIZZLE
FREEZING DRIZZLE
SNOW
SNOW PELLETS
ICE CRYSTALS
SNOW SHOWERS
SNOW GRAINS
ICE PELLETS
HAIL
FOG
ICE FOG
GROUND FOG
BLOWING DUST
BLOWING SAND
BLOWING SNOW
BLOWING SPRAY
SMOKE
HAZE
DUST

WIND COLUMNS -

DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. INDICATED IN TENS OF DEGREES FROM TRUE NORTH; I.E., 09 FOR EAST, 18 FOR SOUTH, 17 FOR WEST. ENTRY OF 00 IN THE DIRECTION COLUMN INDICATES CALM.

SPEED IS EXPRESSED IN KNOTS. MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

ADDITIONAL DATA

OTHER OBSERVATIONAL DATA CONTAINED IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF THE ORIGINAL RECORDS. INQUIRIES AS TO AVAILABILITY AND COSTS SHOULD BE ADDRESSED TO: DIRECTOR, NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

STATION: RICHMOND VA

YEAR 4 MONTH: 75 07

U.S. DEPARTMENT OF COMMERCE NATIONAL CLIMATIC CENTER FEDERAL BUILDING ASHEVILLE, N.C. 28801

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