



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

RICHMOND, VIRGINIA
NATIONAL WEATHER SERVICE OF
R.E. BYRD INTERNATIONAL AP.
JANUARY 1975

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

USB FILE COPY

Main climatology table with columns for DATE, TEMPERATURE (MAX, MIN, AVG, DEPT, DEN, HEAT, COOL), WEATHER TYPES, SNOW, PRECIPITATION (WATER, SNOW), WIND (RESULTANT, FASTEST), SUNSHINE, and SKY COVER TENTS.

Summary statistics table including SUM, AVG, and TOTAL values for various parameters over the month.

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.

RICHMOND, VIRGINIA

EXTRA TEMPERATURES FOR THE MONTH MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.
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 6, 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. 18 ARE FASTEST OBSERVED 1-MINUTE SPEEDS. IF THE 7 APPEARS IN COL. 17, SPEEDS ARE DUSTS.
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY.

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.55 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 LOCAL TIME, SKY COVER TENTS, STATION PRESSURE IN., TEMPERATURE (AIR, NET, BULB, DEN, WIND), RELATIVE HUMIDITY %, and RESULTANT WIND (DIRECTION, SPEED).

# OBSERVATIONS AT 3-HOUR INTERVALS

HOUR		SKY COVER TOTAL CEILING HDS. OF FL. HDS. OF VISI-			TEMPERATURE					TEMPERATURE					TEMPERATURE					TEMPERATURE					TEMPERATURE														
					WIND					WIND					WIND					WIND					WIND					WIND									
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**NOTES**

CEILING COLUMN-  
UNL INDICATES AN UNLIMITED  
CEILING

**WEATHER COLUMN-**

M TORNADO  
T THUNDERSTORM  
O SQUALL  
R RAIN  
RW RAIN SHOWERS  
ZR FREEZING RAIN  
L DRIZZLE  
ZL FREEZING DRIZZLE  
S SNOW  
SP SNOW PELLETS  
IC ICE CRYSTALS  
SW SNOW SHOWERS  
SG SNOW GRAINS  
IP ICE PELLETS  
A HAIL  
F FOG  
IF ICE FOG  
GF GROUND FOG  
BO BLOWING DUST  
BN BLOWING SAND  
BS BLOWING SNOW  
BY BLOWING SPRAY  
K SMOKE  
H HAZE  
D DUST

**WIND COLUMNS-**

DIRECTIONS ARE THOSE FROM  
WHICH THE WIND BLOWS. (INDI-  
CATED IN TERMS OF DEGREES  
FROM TRUE NORTH; I.E., 09  
FOR EAST, 18 FOR SOUTH, 27  
FOR WEST. ENTRY OF 00 IN  
THE DIRECTION COLUMN INDI-  
CATES 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 & MONTH: 75 01

