

MARCH 1980
RICHMOND, VIRGINIA
NATIONAL WEATHER SERVICE OFC
R.E.BYRD INTERNATIONAL AP.

Local Climatological Data

MONTHLY SUMMARY



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

Main monthly data table with columns: DATE, TEMPERATURE (MAX, MIN, AVG, DEPARTURE FROM NORMAL, AVERAGE DEW POINT), DEGREE DAYS (HEATING, COOLING), WEATHER TYPES ON DATES OF OCCURRENCE, SNOW/ICE, PRECIPITATION (WATER, SNOW, ICE), WIND (RESULTANT DIR., RESULTANT SPEED, AVERAGE SPEED, FASTEST MILE), SUNSHINE (MINUTES, PERCENT OF POSSIBLE), SKY COVER TENTHS. Includes a summary section at the bottom with sub-totals for the month.

Summary section for the month of March, including: SUM, AVERAGE, DEPARTURE FROM NORMAL, AVERAGE DEW POINT, SEASON TO DATE, NUMBER OF DAYS, PRECIPITATION, and WIND DATA.

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON AN EARLIER DATE, OR DATES.
HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.
FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

Hourly summary table with columns: LOCAL TIME, SKY COVER TENTHS, STATION PRESSURE, TEMPERATURE (AIR, WET BULB, DEW POINT), RELATIVE HUMIDITY, WIND SPEED & DIRECTION, RESULTANT WIND. Data for hours 01 through 22.

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

Hourly precipitation table with columns: DATE, A.M. HOUR ENDING AT, P.M. HOUR ENDING AT. Shows precipitation amounts in inches for each hour of the day.

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Daniel B. Mitchell DIRECTOR, NATIONAL CLIMATIC CENTER

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MARCH 1980 RICHMOND, VIRGINIA

OBSERVATIONS AT 3-HOUR INTERVALS

Table with columns for HOUR, SKY COVER, VISIBILITY, TEMPERATURE (AIR, MET, DEW), WIND (DIR, SPEED, KNOTS), and WEATHER. Data is organized into 31 days, each with 24 3-hour intervals.

NOTES
CEILING
UNL INDICATES UNLIMITED

WEATHER
* TORNADO
T THUNDERSTORM
Q SQUALL
R RAIN
RW RAIN SHOWERS
ZR FREEZING RAIN
L DRIZZLE
ZL FREEZING DRIZZLE
S SNOW
SP SNOW PELLETS
IC ICE CRYSTALS
SH SNOW SHOWERS
SG SNOW GRAINS
IP ICE PELLETS
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

WIND
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. ENTRY OF 00 IN THE DIRECTION COLUMN INDICATES CALM.

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

STATION YEAR & MONTH
RICHMOND VA 80 03

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