

U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
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# CLIMATOLOGICAL DATA

VIRGINIA

ANNUAL SUMMARY 1955

Volume LXV No. 13



ASHEVILLE: 1956

## VIRGINIA - 1955

### WEATHER SUMMARY

#### GENERAL

The year was unusual especially for having borne three hurricanes during the late summer, and having included several record or near-record monthly averages of temperature and rainfall despite annual averages which came remarkably close to normal expectancy. The year both started and ended on an exceptionally cold and dry note. A severe freeze in late March had disastrous effects especially on the peach crop. After an unusually cool June and a hot July, torrential rains were dumped in the eastern and central parts of the State by Hurricanes "Connie", "Diane", and "Ione".

#### WEATHER EFFECTS

Growth of winter grains, cover crops, and pastures, which had been good as the year opened, suffered a setback in the cold and extreme dryness of January. Progressing well again with the warmth and abundant rainfall of February and early March, vegetation laid itself open to heavy freeze damage inflicted by the cold wave of March 26-27th. The peach crop was totally destroyed except in the extreme north, and damage to the apple crop was severe in the south. Small grains, alfalfa, clover and lespedeza were also badly damaged; tobacco beds had to be reseeded. Total loss due to the freeze was estimated in the millions of dollars. Beginning in May, a moderate deficit of rainfall held back growth of most crops, but favored hay making and the ripening of small grains. Spotty thunderstorm rains in July resulted in mixed but essentially good yields of early crops by harvest time. The excessive rains dumped by hurricanes "Connie", "Diane", and "Ione" caused heavy damage to corn east of the Blue Ridge, but greatly benefited most other crops. The cotton yield was average, due principally to boll rotting in the heavy rains, and contrasted sharply with the phenomenally good yields in other cotton States. During the fall, farm work was seasonally well advanced. In the extreme cold and dryness of December, however, winter grains and cover crops were held back and may have sustained some damage.

#### TEMPERATURE

Although the year's average temperature wound up almost exactly normal, a few individual months were very unseasonal in this respect. Four monthly averages were below their normals. June, which averaged more than 4° on the cold side, was the third coldest since records began in 1891; December, also with better than 4° deficit, was the sixth coldest of record. On the other side of the ledger, April matched 1921 and 1941 as the second warmest of record with a 4° excess, being surpassed only by April 1954. Then July and August

ganged up to offset the cold of June: each of these two months were also the second warmest of record. The highest average temperature for the year was 62.8° at Norfolk, while the lowest was 49.3° at Burkes Garden. The highest maximum for the year, 103°, was reached at Woodstock on August 3rd; this was somewhat cooler than in the past two years. In June, a number of stations did not observe a single 90° -day; July and August contrastingly had almost twice as many 90° -days as the usual expectancy for those months. The lowest minimum for the year, -8°, was observed at Big Meadows on February 12th, but Chilhowie 1 S led the field as regards the greatest number of days 140, in which the temperature dipped to 32° or lower.

The year began on a chilly note with January temperatures averaging 2° below normal, and ended the same way with November and December recording deficits of nearly 2° and more than 4° respectively. The remainder of the year had above normal temperatures - April, July, and August were exceptionally warm - which were interrupted only by a very cool June.

#### PRECIPITATION

The State-wide average precipitation was 98% of normal. Eight individual months were below normal in this respect, but these deficits were almost compensated by heavy thunderstorm rains in March and by the hurricane deluges of August. Although most of the hurricane rains fell on the Tidewater and Middle Divisions, the annual total rainfall was rather evenly distributed over all three divisions. Blackstone CAA AP reported the greatest annual total with 55.77 inches, while Wytheville had the least with 30.55 inches. In terms of the number of days with at least 0.10 inch of precipitation, Clinchco excelled with a probable 101, and Stuarts Draft trailed the field with only 56. Danville and Randolph were exceptional in that they tied for the greatest number of days with 1.00 inch or more, each having 16. Still another station, Mathews 1 SSW, got into the act by acquiring the largest recorded rainfall in one day, 9.05 inches dropped by Hurricane "Connie" on August 12th.

The year began with the driest January of record since 1891, whose 1.15 inch total precipitation was better than 2 inches below par. Somewhat excessive rainfall in February and March brought the cumulative total almost up to normal. May, with its 1-inch deficit, marked the beginning of a period of below-normal rainfall which carried through to the end of the year, and which was interrupted only by the second wettest August of record. In that month, thanks to "Connie" and "Diane", monthly and daily rainfall reached record proportions at many stations. At Richmond,

## WEATHER SUMMARY (Continued)

for example, a new August monthly record and a new 24-hour record for any month were set. The driest month of the year was December. It was the first December of record that the State-wide precipitation averaged less than 1 inch, and it was the 13th time since 1891 that any month had attained this distinction.

### SNOWFALL

A curious concomitant to January's record dryness was a 7.6 inch State-wide average snowfall, which was 3 inches more than the long-term average and which had been exceeded only three times in January since 1930. February and March were each very deficient in snowfall, however, as was December. The annual total for the State was 11.1 inches, and was below normal. Trout Dale had the greatest seasonal fall, 27.5 inches. The same station shared honors with Mendota for having the greatest recorded depth on the ground, 10 inches on January 19th-20th.

### FLOODS

The James River slightly exceeded flood stage after heavy rains on February 6th and 7th. Thunderstorm rains in March were responsible for minor flooding, slides, and bridge and trestle washouts principally in the western corner of the State. A man was drowned at Scottsville, and 18 persons were evacuated to higher ground when a small dam failed at West Damascus. Local flash floods occurred in Carroll County April 13th-14th. Of the three drenching Hurricanes, "Diane" induced the worst flood damage although the Tidewater Section was seriously affected by each. Three deaths by drowning were reported, and water damage reached into the millions of dollars in the wake of these storms.

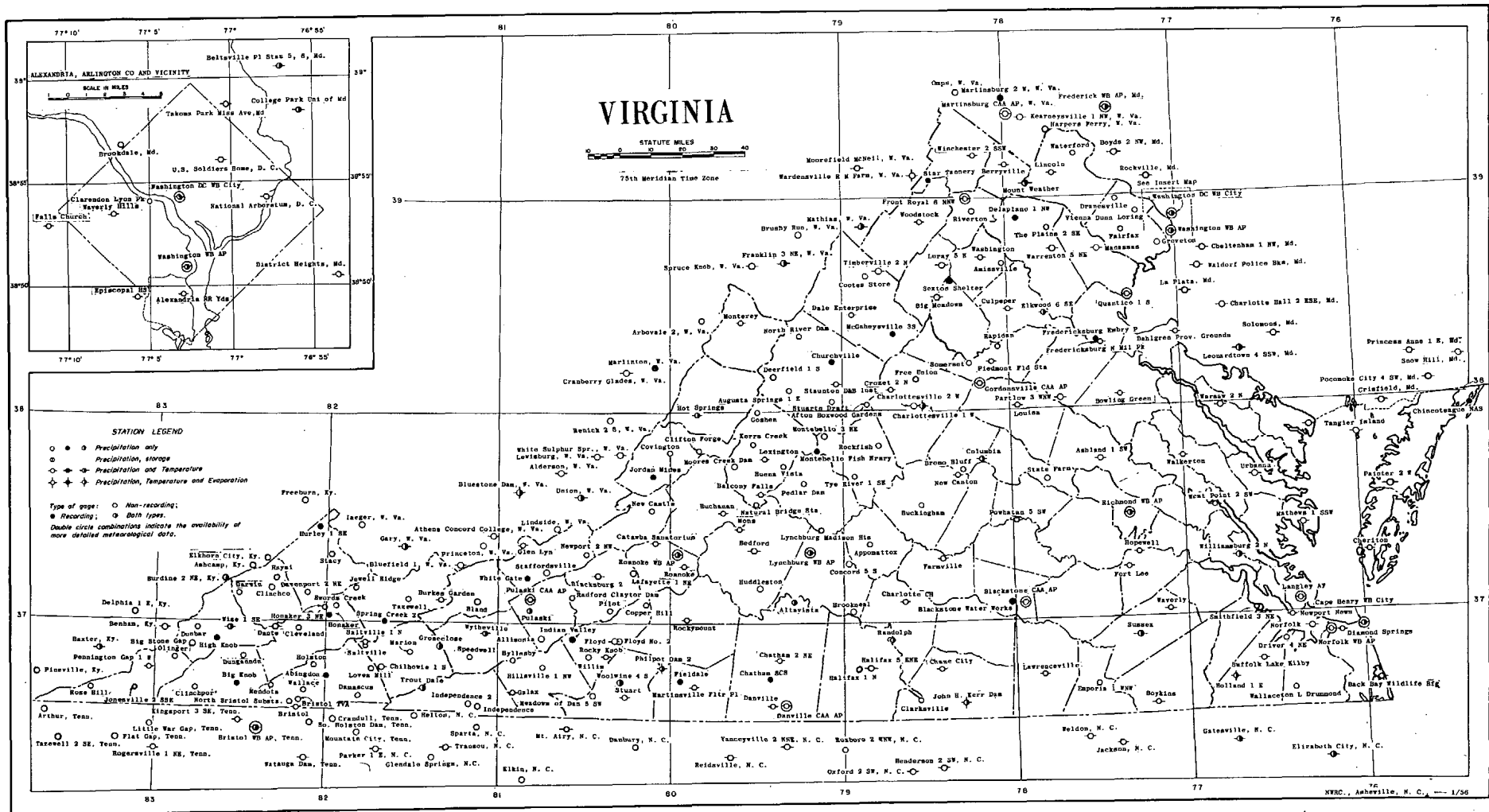
### DESTRUCTIVE STORMS

By far the most unusual event of the year, which had no recorded historical precedent,

was the passage through the State of three hurricanes within the space of six weeks. Before the hurricane season, however, severe storms were not an outstanding feature of the weather apart from the heavy March rains. Freezing rain and snow in January contributed to some 18 reported injuries in automobile accidents. A tornado was reported in Patrick County on April 24th which accomplished minor damage, and two other violent wind storms which seemed to be rudimentary tornadoes were also reported. Hail storms in May and June were especially damaging to crops. On May 7th, thunderstorms extended from Martinsville northeastward into Campbell and Charlotte Counties; armed with 1/2-inch to 3-inch hailstones, they caused \$175,000 damage nearly half of which was to crops.

Hurricane "Connie" passed northward over the Tidewater Section of the State on August 12-13th. Gale force winds, and rainfalls up to about 10 inches affected much of that section. No deaths occurred, but damage up to \$1,000,000 was probably sustained to utilities, highways, crops, and oyster beds. Hurricane "Diane" passed through the west-central part of the State less than a week after "Connie". Winds were not damaging, but flooding rains, which measured up to 11.65 inches at Big Meadows, were believed to have caused much greater devastation than those of "Connie", especially in the Piedmont and Blue Ridge areas. Three persons were drowned. Hurricane "Ione" brought up the rear in the parade of tropical storms, swinging out to sea just southeast of Norfolk on September 19-20th after depositing heavy rains in the southeastern part of the State and inflicting heavy additional crop damage there. More detailed descriptions of these storms may be found in the August and September 1955 monthly issues of this publication and of "Climatological Data, National Summary".

Details of each month's weather may be found in the individual monthly issues of this publication. - J. M. Mitchell, Jr.



VIRGINIA  
1955

Table 1

See Reference Notes Following Station Index

Table 2

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA  
1955

| Station                 | January       |           | February      |           | March         |           | April         |           | May           |           | June          |           | July          |           | August        |           | September     |           | October       |           | November      |           | December      |           | Annual        |           |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
|                         | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure |
| ABINGDON                | 2.41          |           | 4.78          |           | 9.07          |           | 3.03          |           | 1.83          |           | 3.23          |           | 3.86          |           | 2.47          |           | 1.34          |           | 2.14          |           | 2.72          |           | 2.01          |           | 38.89         |           |
| AFONT BOXWOOD GARDENS   | .51           | -2.92     | 2.92          | .74       | 4.27          | .97       | 3.05          | -.21      | 3.10          | -.75      | 1.64          | -1.77     | 4.33          | -.47      | 10.87         | 5.76      | 2.48          | -1.40E    | .98           | -3.16     | 1.19          | -1.60     | 2.27          | -2.88     | 33.54         | -7.69     |
| ALEXANDRIA POTOMAC YOSE | .33           |           | 2.16          |           | 2.58          |           | 2.80          |           | 3.14          |           | 2.86          |           | 3.05          |           | 11.26         |           | 4.46          |           | 6.31          |           | 1.43          |           | 1.27          |           | 36.65         |           |
| ALLISONIA               | 1.35          |           | 3.18          |           | 6.93          |           | 2.97          |           | 2.19          |           | 2.91          |           | 5.20          |           | 6.30          |           | 1.56          |           | 1.56          |           | 1.12          |           | 1.12          |           | 36.02         |           |
| ALTAVISTA               | .88           |           | 3.64          |           | 3.59          |           | 2.84          |           | 4.03          |           | 4.68          |           | 4.30          |           | 6.61          |           | 2.09          |           | .74           |           | 1.38          |           | .44           |           | 35.22         |           |
| AMISSVILLE              | .28           |           | 2.40          |           | 3.98          |           | 2.78          |           | 2.83          |           | 3.02          |           | 1.43          |           | 10.36         |           | 1.11          |           | 2.16          |           | 1.28          |           | .62           |           | 32.25         |           |
| APPOMATTOX              | 1.11          |           | 4.12          |           | 4.62          |           | 4.03          |           | 3.40          |           | 4.56          |           | 3.64          |           | 6.68          |           | 1.48          |           | 1.05          |           | 1.45          |           | .55           |           | 38.69         |           |
| ASHLAND 1 SW            | 1.28          | -1.75     | 3.06          | .19       | 3.79          | .30       | 4.48          | .91       | 3.74          | -.11      | 4.01          | -.13      | 5.43          |           | 8.12          |           | 3.75          | .44       | 5.26          | 2.19      | 1.62          | -.67      | .66           | -2.28     | 36.82         |           |
| AUGUSTA SPRINGS 1 E     | .40           |           | 3.99          |           | 3.33          |           | 2.18          |           | 2.38          |           | 3.75          |           | 5.43          |           | 8.12          |           | 1.54          |           | 1.50          |           | 1.60          |           | .60           |           | 36.82         |           |
| BACK BAY WILDLIFE RFG   | 2.59          |           | 2.74          |           | 4.06          |           | 1.57          |           | 2.07          |           | 3.51          |           | 1.86          |           | 8.63          |           | 6.51          |           | .93           |           | 1.68          |           | 1.61          |           | 37.76         |           |
| BALCONY FALLS           | .83           | -2.99     | 3.64          | .97       | 5.50          | 1.95      | 4.06          | .69       | 2.33          | -1.29     | 3.34          | .42       | 1.88          | -2.25     | 8.85          | 4.17      | 2.59          | -.90      | 1.11          | -2.31     | 1.64          | -1.28     | .73           | -2.50     | 36.50         | -6.16     |
| BEDFORD                 | 1.08          | -2.09     | 4.43          | 1.14      | 4.96          | 1.15      | 4.63          | 1.48      | 3.60          | -.21      | 4.73          | .45       | 2.73          | -1.49     | 6.12          | 1.17      | 1.53          | -1.80     | .91           | -2.21     | 1.34          | -1.34     | .78           | -2.43     | 36.90         | -6.18     |
| BERRYVILLE              | .25           |           | 1.89          |           | 3.90          |           | 2.80          |           | 3.05          |           | 3.98          |           | .78           |           | 10.73         |           | 1.45          |           | 2.67          |           | 1.82          |           | .17           |           | 33.49         |           |
| BIG KNOB                | 2.43          | -1.49     | 5.82          | 2.17      | 6.67          | 4.93      | 3.16          | .30       | 2.37          | -.50      | 2.08          |           | 3.26          | -1.46     | 1.69          |           | -1.65         |           | 1.97          | -.24      | 1.85          | -.66      | 2.40          | -.65      | 37.91         | -.03      |
| BIG MEADOWS             | .38           | -3.18     | 2.93          | .14       | 4.33          | .82       | 2.95          | -1.01     | 3.59          | -.56      | 3.49          | -.76      | 2.11          | -3.36     | 23.88         | 19.58     | 3.05          | -1.70     | 2.49          | -2.58     | 1.63          | -2.23     | .66           | -2.61     | 51.49         | 1.55      |
| BLACKSBURG 2            | 1.51          |           | 4.57          |           | 8.08          |           | 2.48          |           | 1.66          |           | 3.87          |           | 2.14          |           | 3.46          |           | .45           |           | 1.56          |           | 2.11          |           | 1.48          |           | 33.37         |           |
| BLACKSTONE CAA AP       | 1.42          |           | 4.04          |           | 3.43          |           | 4.00          |           | 3.20          |           | 5.39          |           | 7.91          |           | 10.06         |           | 8.90          |           | 3.99          |           | 2.31          |           | 1.13          |           | 55.77         |           |
| BLAND                   | .82           |           | 5.04          |           | 6.14          |           | 3.14          |           | 1.92          |           | 2.27          |           | 2.88          |           | 3.61          |           | .55           |           | 1.38          |           | 1.66          |           | 1.00          |           | 32.41         |           |
| BOWLING GREEN           | .86           |           | 2.97          |           | 3.95          |           | 3.01          |           | 1.57          |           | 4.45          |           | 4.66          |           | 14.87         |           | 1.66          |           | 6.23          |           | .53           |           | .37           |           | 43.53         |           |
| BOYKINS                 | 2.10          |           | 3.57          |           | 3.45          |           | 2.85          |           | 1.93          |           | 5.16          |           | 3.38          |           | 10.72         |           | 6.65          |           | 3.37          |           | 2.04          |           | 1.91          |           | 47.13         |           |
| BREMO BLUFF             | .73           |           | 3.71          |           | 4.21          |           | 3.39          |           | 3.99          |           | 2.45          |           | 3.45          |           | 9.74          |           | .99           |           | 1.37          |           | 1.38          |           | .46           |           | 35.87         |           |
| BRISTOL                 | 2.82          | -.11      | 6.44          | 3.00      | 9.79          | 5.53      | 3.07          | .11       | 2.04          | -1.37     | 2.85          | -1.41     | 3.09          | -2.01     | 1.80          | -2.00     | 2.45          | -.23      | 2.05          | -.07      | 4.47          | 1.73      | .44           | -.64      | 35.87         | 2.53      |
| BRISTOL TVA             | 3.19          |           | 5.02          |           | 10.37         |           | 3.22          |           | 2.29          |           | 1.57          |           | 1.57          |           | 1.03          |           | .94           |           | 1.83          |           | 1.98          |           | 2.29          |           | 35.30         |           |
| BROOKNEAL               | .22           |           | 4.02          |           | 4.05          |           | 3.97          |           | 4.05          |           | 3.95          |           | 2.74          |           | 8.00          |           | 2.43          |           | 1.59          |           | 1.72          |           | .70           |           | 37.44         |           |
| BUCHANAN                | .71           | -2.94     | 3.82          | 1.10      | 6.93          | 3.51      | 2.72          | -.46      | 3.25          | -.21      | 3.93          | -.41      | 3.82          | -.54      | 6.04          | 1.23      | .81           | -2.34     | 1.77          | -1.94     | 1.81          | -.88      | 1.36          | -1.85     | 36.97         | -5.75     |
| BUCKINGHAM              | 1.01          |           | 3.92          |           | 3.86          |           | 3.68          |           | 4.11          |           | 2.27          |           | 3.59          |           | 10.19         |           | 1.82          |           | 1.17          |           | 1.34          |           | .38           |           | 37.34         |           |
| BUENA VISTA             | .64           | -1.85     | 5.08          | 2.98      | 6.11          | 3.57      | 3.00          | .55       | 2.20          | -1.44     | 4.77          | 1.58      | 4.52          | .30       | 8.52          | 3.92      | 1.94          | -1.32     | 1.25          | -1.75     | 1.98          | -.46      | 1.03          | -1.59     | 41.06         | 4.49      |
| BURKES GARDEN           | 3.04          | -.64      | 5.91          | 2.38      | 8.08          | 3.49      | 4.76          | 1.16      | 2.53          | -1.60     | 2.17          | -2.53     | 3.36          | -1.26     | 3.98          | -.84      | 1.20          | -2.13     | 1.26          | -1.59     | 2.10          | -.78      | 1.92          | -1.60     | 40.01         | -6.03     |
| BYLLESBY                | 1.12          |           | 3.63          |           | 6.08          |           | 4.44          |           | 4.52          |           | 2.87          |           | 4.62          |           | 7.43          |           | .60           |           | 1.74          |           | 1.46          |           | 1.14          |           | 39.75         |           |
| CAPE HENRY WB CITY      | 1.87          | -1.22     | 2.69          | -.54      | 4.64          | 1.28      | 1.71          | -1.42     | 1.22          | -1.06     | 2.83          | -1.22     | 3.35          | -1.96     | 7.93          | 3.45      | 7.65          | 3.94      | 1.79          | -.69      | 1.79          | -.84      | 1.64          | -1.35     | 39.11         | -2.53     |
| CATAMBA SANATORIUM      | 1.07          | -1.87     | 4.35          | 1.56      | 7.69          | 4.20      | 2.81          | -.23      | 2.20          | -1.27     | 3.65          | -1.10     | 1.85          | -2.56     | 6.42          | 1.67      | 1.33          | -2.13     | 1.79          | -1.88     | 1.34          | -1.08     | 1.17          | -1.85     | 35.67         | -6.54     |
| CHARLOTTE COURT HOUSE   | .97           |           | 3.47          |           | 4.97          |           | 4.97          |           | 4.02          |           | 4.01          |           | 3.68          |           | 9.78          |           | 2.30          |           | 2.67          |           | 1.66          |           | .48           |           | 41.95         |           |
| CHARLOTTESVILLE 1 W     | .57           | -2.78     | 3.79          | .99       | 5.20          | 1.73      | 5.04          | 1.52      | 2.56          | -1.40     | 5.39          | .10       | 2.98          | -1.35     | 11.68         | 6.56      | 1.92          | -1.30     | 1.63          | -2.00     | 1.63          | -.83      | .36           | -3.10     | 42.75         | -1.85     |
| CHASE CITY              | .84           |           | 4.68          |           | 5.09          |           | 5.09          |           | 2.37          |           | 4.76          |           | 2.05          |           | 12.74         |           | 1.70          |           | 1.68          |           | 1.78          |           | .18           |           | 43.04         |           |
| CHASE CITY              | 1.74          |           | 4.57          |           | 3.21          |           | 4.62          |           | 4.27          |           | 4.80          |           | 7.10          |           | 10.81         |           | 4.03          |           | 4.69          |           | 1.98          |           | 1.28          |           | 53.10         |           |
| CHATHAM 2 NE            | 1.42          | -2.26     | 3.99          | 1.07      | 4.95          | 1.38      | 4.63          | 1.25      | 4.26          | .64       | 3.42          | -.07      | 3.99          | -.45      | 6.76          | 2.46      | 1.90          | -2.21     | 1.61          | -1.28     | 2.03          | -.82      | .79           | -2.56     | 39.75         | -2.91     |
| CHERTILTON              | 1.48          | -2.15     | 3.11          | .09       | 3.20          | -.38      | 2.04          | -1.50     | 1.87          | -1.20     | 3.66          | .23       | 2.29          | -2.77     | 10.46         | 5.97      | 9.97          | 5.54      | 2.25          | -.79      | 5.09          | 2.21      | .89           | -1.95     | 46.31         | 3.30      |
| CHILHOWIE 1 S           | 1.98          |           | 4.78          |           | 7.82          |           | 3.34          |           | 2.12          |           | 2.36          |           | 2.16          |           | 4.06          |           | .78           |           | 2.24          |           | 2.57          |           | 1.82          |           | 32.57         |           |
| CLARENDON LYON PARK     | .26           | -3.04     | 3.24          | .68       | 3.93          | .83       | 3.17          | -.19      | 1.33          | -.44      | 4.64          | .97       | 2.24          | -1.69     | 13.12         | 8.45      | 1.68          | -2.76     | 6.00          | 2.30      | 1.51          | -1.25     | .25           | -2.47     | 42.67         | 1.39      |
| CLARKSVILLE             | 1.73          | -1.50     | 4.91          | 1.54      | 4.49          | .83       | 4.70          | 1.30      | 4.39          | .52       | 2.87          | -1.36     | 3.77          | -.43      | 10.97         | 6.34      | 5.18          | 2.10      | 2.18          | -.63      | 2.02          | -.19      | .95           | -2.55     | 46.16         | 5.91      |
| CLEVELAND               | 2.28          |           | 5.17          |           | 10.83         |           | 2.07          |           | 1.21          |           | 1.94          |           | 4.87          |           | 2.36          |           | 1.59          |           | 3.21          |           | 2.17          |           | 1.84          |           | 39.34         |           |
| CLIFTON FORGE           | .87           | -2.17     | 4.13          | 1.13      | 7.16          | 3.39      | 2.40          | -.22      | 2.84          | -.74      | 4.04          | .69       | 2.62          | -1.22     | 4.86          | .86       | 1.84          | -.92      | 2.07          | -1.20     | 1.95          | -.81      | .80           | -1.83     | 35.58         | -3.04     |
| CLINCH                  | 2.57          |           | 5.86          |           | 9.73          |           | 2.88          |           | 2.28          |           | 1.89          |           | 6.42          |           | 6.18          |           | 2.11          |           | 1.83          |           | 2.19          |           | 1.83          |           | 34.00         |           |
| CLINCHPORT              | 2.80          | -1.64     | 6.34          | 2.31      | 9.38          | 4.39      | 3.96          | .12       | 2.49          | -1.58     | 2.49          | -2.07     | 4.17          | -.80      | 2.79          | -1.88     | 1.72          | -1.63     | 2.50          | -.24      | .97           | .05       | 2.65          | -1.97     | 44.26         | -4.94     |
| COLUMBIA                | .56           | -2.79     | 3.30          | .56       | 4.33          | .74       | 3.98          | .51       | 3.01          | -.61      | 2.28          | -1.66     | 2.32          | -1.94     | 11.39         | 6.86      | 1.39          | -1.58     | 1.90          | -1.39     | 1.30          | -.03      | .51           | -2.64     | 36.27         | -4.97     |
| CONCORD 5 S             | .85           |           | 4.42          |           | 4.48          |           | 3.19          |           | 5.65          |           | 4.46          |           | 1.72          |           | 8.02          |           | 1.70          |           | .78           |           | 1.66          |           | .70           |           | 37.63         |           |
| COOTES STORE            | .40           |           | 2.23          |           | 3.58          |           | 2.01          |           | 2.01          |           | 6.60          |           | 8.71          |           | 8.66          |           | 1.26          |           | 1.26          |           | 1.26          |           | .14           |           |               |           |

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

VIRGINIA  
1955

Table 2-Continued

| Station                | January       |           | February      |           | March         |           | April         |           | May           |           | June          |           | July          |           | August        |           | September     |           | October       |           | November      |           | December      |           | Annual        |           |
|------------------------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
|                        | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure |
| LYNCHBURG MADISON HTS  | 1.76          |           | 3.98          |           | 5.06          |           | 3.53          |           | 4.67          |           | 4.71          |           | 2.09          |           | 8.49          |           | 2.33          |           | .90           |           | 1.89          |           | .71           |           | 40.22         |           |
| LYNCHBURG WB AIRPORT   | 1.33          | -2.10     | 4.36          | 1.85      | 4.37          | .80       | 2.79          | -.34      | 3.66          | .57       | 4.92          | 1.04      | 3.68          | -.47      | 6.17          | 1.82      | 2.15          | -.95      | .95           | -1.92     | 1.51          | -.86      | .61           | -2.34     | 36.50         | -3.07     |
| MADISON                | 1.72          | -2.82     | 3.02          | -.07      | 8.75          | 1.37      | 2.52          | -.55      | 3.34          | 2.70      | 2.81          | -.79      | 2.10          | -1.71     | 3.54          | 8.62      | 2.45          | -1.74     | .94           | 1.73      | 1.37          | -.70      | 1.50          | -1.38     | 43.32         | 4.69      |
| MARION                 | 1.32          |           | 4.35          |           | 4.85          |           | 3.61          |           | 2.67          |           | 2.26          |           | 2.28          |           | 3.32          |           | 3.32          |           | 2.64          |           | 2.12          |           | 1.76          |           | 35.64         |           |
| MARTINSVILLE FILT PL   | 1.08          | -3.06     | 4.35          | .86       | 4.85          | .52       | 4.25          | .65       | 2.76          | -.95      | 4.30          | .05       | 7.21          | 1.01      | 6.06          | .77       | 1.33          | -.91      | 1.53          | -1.92     | 1.81          | -1.15     | .71           | -2.86     | 40.24         | -6.99     |
| MATHEWS 1 SSW          | 1.53          |           | 3.17          |           | 2.98          |           | 1.83          |           | 2.35          |           | 9.52          |           | 3.93          |           | 16.62         |           | 4.47          |           | 2.66          |           | 2.33          |           | .98           |           | 552.37        |           |
| MEADOWS OF DAN 5 SW    | 1.99          |           | 5.92          |           | 5.36          |           | 8.13          |           | 4.00          |           | 5.29          |           | 4.37          |           | 5.35          |           | 1.33          |           | 2.53          |           | 1.66          |           | 1.99          |           | 47.88         |           |
| MENDOTA                | 2.65          | -1.54     | 5.50          | 1.82      | 9.03          | 4.52      | 3.40          | -.28      | 2.95          | -.98      | 2.14          | -2.21     | 3.28          | -1.79     | 1.35          | -3.05     | 2.24          | -.81      | 2.29          | -.60      | 2.62          | -.12      | 2.16          | -1.07     | 39.01         | -6.72     |
| MONS                   | .87           |           | 4.68          |           | 5.80          |           | 4.72          |           | 3.88          |           | 4.37          |           | 4.32          |           | 6.82          |           | 2.43          |           | 1.72          |           | 1.70          |           | 1.54          |           | 542.85        |           |
| MONTEBELLO 3 NE        | .81           | -2.83     | 4.58          | 1.82      | 6.27          | 3.07      | 4.56          | .92       | 3.68          | -1.68     | 6.01          | .49       | 3.27          | -2.14     | 15.42         | 9.57      | 1.50          | -2.76     | 1.27          | -2.86     | 1.82          | -1.63     | .65           | -2.65     | 49.97         | -.68      |
| MONTEREY               | .65           | -2.85     | 3.85          | .94       | 6.05          | 1.78      | 1.37          | -1.96     | 2.26          | -2.18     | 3.30          | -1.19     | 3.29          | -1.53     | 7.51          | 3.07      | 1.80          | -.84      | 1.63          | -1.59     | 1.75          | -.64      | 1.33          | -1.97     | 34.79         | -8.96     |
| MOORES CREEK DAM       | .81           | -2.88     | 4.52          | 2.02      | 5.91          | 3.20      | 2.62          | -.03      | 1.90          | -.96      | 3.30          | .25       | 3.44          | -1.17     | 5.48          | .88       | 1.89          | -1.57     | 1.34          | -1.12     | 1.53          | -.57      | .70           | -1.65     | 33.44         | -3.60     |
| MOUNT WEATHER          | .41           | -2.55     | 2.39          | .07       | 4.59          | 1.74      | 2.82          | -.82      | 2.32          | -1.48     | 6.10          | 1.84      | .51           | -3.15     | 11.53         | 7.09      | 1.98          | -1.24     | 1.89          | -1.82     | 1.58          | -.88      | .23           | -2.35     | 536.35        | -3.55     |
| NATURAL BRIDGE STATION | .88           |           | 3.30          |           | 5.31          |           | 3.51          |           | 2.44          |           | 3.49          |           | 3.81          |           | 9.33          |           | 2.09          |           | 1.27          |           | 1.62          |           | .97           |           | 38.02         |           |
| NEW CANTON             | .90           | -2.65     | 3.70          | .75       | 4.19          | .36       | 3.53          | .21       | 4.18          | -.76      | 2.61          | -1.12     | 4.24          | .35       | 10.93         | 5.10      | .98           | -2.05     | 1.62          | -1.76     | 1.38          | -.97      | .46           | -2.84     | 37.62         | -3.86     |
| NEW CASTLE             | 1.25          | -1.41     | 4.48          | 1.95      | 8.76          | 5.95      | 2.07          | -.20      | 3.09          | -.99      | 2.83          | -.87      | 2.62          | -1.73     | 4.27          | -.68      | 2.05          | -.76      | 1.63          | -1.12     | 1.85          | -.33      | .91           | -1.44     | 35.85         | -1.63     |
| NEWPORT 2 NW           | 1.16          |           | 4.05          |           | 7.25          |           | 1.75          |           | .85           |           | 5.14          |           | .75           |           | 3.58          |           | 2.82          |           | 1.85          |           | 1.20          |           | 1.99          |           | 32.39         |           |
| NEWPORT NEWS           | 1.69          |           | 2.83          |           | 3.79          |           | 2.00          |           | 1.37          |           | 3.03          |           | 2.17          |           | 9.13          |           | 6.80          |           | 3.02          |           | 2.57          |           | 1.86          |           | 48.68         |           |
| NORFOLK WB AIRPORT     | 2.41          | +.76      | 2.71          | -.35      | 3.66          | .69       | 1.73          | -1.43     | 1.58          | -1.87     | 2.47          | -1.69     | 2.34          | -3.71     | 8.16          | 3.08      | 9.26          | 5.40      | 1.68          | -.97      | 2.05          | -.62      | 2.14          | -.74      | 60.28         | -2.97     |
| NORFOLK                | 1.72          | -1.45     | 2.64          | -.42      | 4.37          | 1.10      | 1.49          | -1.67     | 1.35          | -2.10     | 2.40          | -1.76     | 3.55          | -2.30     | 7.18          | 2.10      | 9.72          | 5.85      | 1.17          | -1.28     | 1.91          | -.76      | 2.22          | -.66      | 39.72         | -3.54     |
| NORTH BRISTOL SUBSTA   | 1.60          |           | 4.55          |           | 10.11         |           | 2.85          |           | 2.34          |           | 1.94          |           | 2.50          |           | 1.87          |           | 1.52          |           | 2.33          |           | 2.78          |           | 2.17          |           | 36.56         |           |
| NORTH RIVER DAM        | .50           | -2.34     | 2.59          | .29       | 4.52          | 2.22      | 3.41          | -1.42     | 2.28          | -1.73     | 4.31          | .08       | 1.84          | -1.84     | 7.50          | 2.92      | 1.65          | -1.60     | 1.34          | -1.92     | 1.71          | -.83      | .91           | -1.69     | 533.53        | -7.86     |
| ONLEY 1 S              | 1.65          | -1.38     | 3.01          | -.65      | 2.65          | -1.32     | 1.49          | -1.77     | 2.00          | -1.22     | 6.18          | 2.84      | 4.44          | .16       | 7.88          | 2.82      | 7.54          | 4.43      | 3.33          | .03       | 2.81          | .65       | 1.16          | -.45      | 544.14        | 2.07      |
| PARTLOW 3 WNW          | .70           |           | 2.93          |           | 4.50          |           | 4.10          |           | 2.20          |           | 3.26          |           | 5.88          |           | 12.20         |           | 2.15          |           | 2.90          |           | 1.75          |           | .45           |           | 43.02         |           |
| PEDLAR DAM             | .99           | -1.98     | 4.70          | 1.89      | 5.89          | 2.65      | 4.41          | .98       | 1.71          | -2.46     | 6.53          | 2.33      | 2.47          | -2.87     | 11.27         | 5.11      | 2.58          | -.61      | 1.08          | -2.08     | 1.65          | -1.27     | .85           | -2.61     | 544.13        | -.92      |
| PENNINGTON GAP 1 W     | 2.65          | -2.58     | 7.24          | 2.42      | 10.00         | 4.60      | 2.65          | -.18      | 2.65          | -.93      | 4.25          | -.05      | 5.81          | .29       | 1.59          | -2.88     | 2.07          | -.30      | 3.16          | .62       | 3.27          | .43       | 3.36          | -.68      | 548.78        | -.24      |
| PHILPOT DAM 2          | .84           |           | 4.26          |           | 4.51          |           | 4.97          |           | 2.87          |           | 4.55          |           | 2.62          |           | 5.53          |           | 1.90          |           | 1.66          |           | 1.48          |           | .74           |           | 35.93         |           |
| PIEDMONT FIELD STATION | .43           |           | 3.31          |           | 4.87          |           | 3.52          |           | 2.95          |           | 3.12          |           | 4.46          |           | 1.33          |           | .90           |           | 1.86          |           | 1.65          |           | .28           |           | 40.67         |           |
| PILOT                  | 1.08          |           | 3.80          |           | 6.56          |           | 3.92          |           | 4.29          |           | 3.50          |           | 2.16          |           | 8.10          |           | .56           |           | 1.44          |           | 1.34          |           | .82           |           | 37.57         |           |
| POKHATAN 5 SW          | 1.30          |           | 3.86          |           | 4.25          |           | 3.34          |           | 3.95          |           | 4.95          |           | 4.55          |           | 14.55         |           | 4.90          |           | 4.23          |           | 1.51          |           | .65           |           | 552.04        |           |
| PULASKI                | 1.59          |           | 4.11          |           | 7.09          |           | 3.11          |           | .94           |           | 3.28          |           | 1.47          |           | 4.93          |           | 1.43          |           | 1.77          |           | 2.00          |           | 1.29          |           | 532.61        |           |
| PULASKI CAA AP         | 1.52          |           | 5.39          |           | 7.34          |           | 3.07          |           | 1.24          |           | 2.83          |           | 1.08          |           | 4.03          |           | 1.82          |           | 2.10          |           | 1.87          |           | 1.52          |           | 33.81         |           |
| QUANTICO 1 S           | .31           | -2.77     | 2.90          | .26       | 4.53          | 1.21      | 3.86          | -.61      | 2.17          | -.96      | 3.26          | -.56      | 4.78          | -.81      | 12.46         | 8.00      | .89           | -2.11     | 3.88          | .92       | 1.70          | -.40      | .56           | -2.27     | 41.30         | 2.74      |
| RADFORD CLAYTON DAM    | 1.37          | -1.73     | 1.40          | 1.49      | 6.80          | 3.66      | 2.51          | -.17      | 1.26          | -1.91     | 3.24          | -.23      | 4.29          | -.02      | 4.34          | 1.22      | .79           | -1.88     | 1.49          | -1.49     | 1.71          | -.25      | 1.37          | -1.51     | 33.27         | -2.82     |
| RANDOLPH               | 1.66          | -2.11     | 3.73          | .55       | 4.29          | .59       | 6.67          | 3.32      | 6.27          | 2.64      | 4.59          | .73       | 4.81          | .25       | 11.32         | 7.00      | 2.80          | .04       | 3.35          | .68       | 2.30          | -.06      | .91           | -2.35     | 52.70         | 11.08     |
| RAPIDAN                | .42           |           | 3.42          |           | 5.69          |           | 2.99          |           | 3.63          |           | 2.75          |           | 2.20          |           | 11.72         |           | 1.24          |           | 2.30          |           | 1.71          |           | .32           |           | 38.39         |           |
| RICHMOND WB AP         | 1.09          | -2.55     | 3.18          | .42       | 2.65          | -.76      | 3.14          | -.09      | 1.79          | -1.85     | 3.06          | -.61      | 7.93          | 2.29      | 14.10         | 9.05      | 5.79          | 2.14      | 2.57          | -.04      | 1.76          | -.73      | .86           | -2.03     | 47.93         | 5.04      |
| RIVERTON               | .28           | -2.00     | 1.73          | -.39      | 3.73          | 1.19      | 2.87          | .26       | 2.08          | -1.57     | 4.71          | 1.36      | .50           | -2.64     | 11.78         | 8.07      | 1.87          | -1.44     | 2.29          | -1.48     | 1.68          | -.51      | .17           | -2.44     | 33.67         | -1.59     |
| ROANOKE                | 1.32          | -1.78     | 3.85          | .87       | 5.16          | 1.84      | 3.17          | .27       | 3.19          | -.19      | 4.26          | -.10      | 3.92          | -.26      | 7.30          | 3.37      | 2.21          | -.99      | 1.68          | -2.13     | 1.45          | -.76      | .79           | -2.31     | 38.11         | -2.17     |
| ROANOKE WB AIRPORT     | 1.19          | -2.20     | 3.87          | 1.31      | 4.84          | 1.65      | 3.84          | .89       | 3.12          | -.59      | 3.70          | .00       | 2.73          | -2.18     | 4.70          | .16       | 1.64          | -1.75     | 1.61          | -1.78     | 1.88          | -.93      | .84           | -2.29     | 33.96         | -7.52     |
| ROCKFISH               | .74           | -2.84     | 4.13          | 1.41      | 4.88          | 1.70      | 4.95          | 1.84      | 3.01          | -1.20     | 3.38          | -1.92     | 4.05          | -1.95     | 10.06         | 4.98      | 2.92          | -2.34     | 1.19          | -1.80     | 1.59          | -1.52     | .44           | -3.03     | 41.32         | -6.67     |
| ROCKY KNOB             | 2.02          |           | 4.68          |           | 6.88          |           | 5.13          |           | 4.30          |           | 5.24          |           | 5.49          |           | 6.31          |           | 1.86          |           | 1.86          |           | 1.97          |           | 1.20          |           | 546.75        |           |
| ROCKYMOUNT             | 1.21          | -2.15     | 3.50          | .29       | 4.27          | .33       | 4.67          | 1.34      | 2.50          | -.63      | 2.51          | -2.33     | 3.00          | -1.89     | 3.39          | 3.19      | 1.08          | -2.57     | 1.42          | -2.44     | 1.19          | -.80      | -2.91         | 34.40     | -11.01        |           |
| ROSE HILL              | 2.75          |           | 7.20          |           | 11.60         |           | 3.91          |           | 2.50          |           | 3.80          |           | 6.40          |           | 3.33          |           | 1.90          |           | 2.05          |           | 3.82          |           | 3.60          |           | 52.88         |           |
| SALTVILLE              | 1.05          |           | 4.55          |           | 10.56         |           | 3.54          |           | 2.35          |           | 3.53          |           | 3.30          |           | 4.23          |           | 1.55          |           | 2.20          |           | 2.02          |           | 1.58          |           | 41.26         |           |
| SALTVILLE 1 N          | 2.42          | -1.18     | 4.71          | 1.10      | 9.03          | 5.50      | 3.58          | .54       | 2.18          | -1.63     | 3.39          | -.87      | 2.19          | -1.74     | 3.99          | -.39      | 1.87          | -1.27     | 2.12          | -.70      | 2.08          | -.47      | 1.65          | -1.84     | 41.01         | -2.95     |
| SLATE                  | 2.82          |           | 5.48          |           | 9.59          |           | 2.67          |           | 2.32          |           | 3.09          |           | 2.19          |           | 6.22          |           | 1.43          |           | 2.09          |           | 2.83          |           | 2.27</        |           |               |           |

Table 3

## TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA  
1955

| Station                  | Highest | Date  | Lowest | Date  | Last spring minimum of |       |              |       |              |       |              |       | First fall minimum of |       |              |       |              |       |              |       | Number of days between dates |       |              |       |              |              |              |              |              |     |
|--------------------------|---------|-------|--------|-------|------------------------|-------|--------------|-------|--------------|-------|--------------|-------|-----------------------|-------|--------------|-------|--------------|-------|--------------|-------|------------------------------|-------|--------------|-------|--------------|--------------|--------------|--------------|--------------|-----|
|                          |         |       |        |       | 16° or below           |       | 20° or below |       | 24° or below |       | 28° or below |       | 32° or below          |       | 32° or below |       | 28° or below |       | 24° or below |       | 20° or below                 |       | 16° or below |       | 16° or below | 20° or below | 24° or below | 28° or below | 32° or below |     |
|                          |         |       |        |       | Date                   | Temp. | Date         | Temp. | Date         | Temp. | Date         | Temp. | Date                  | Temp. | Date         | Temp. | Date         | Temp. | Date         | Temp. | Date                         | Temp. | Date         | Temp. |              |              |              |              |              |     |
| ALEXANDRIA POTOMAC YDS   | 100     | 7-23  | -      | -     | -                      | -     | -            | -     | -            | -     | -            | -     | -                     | -     | -            | -     | -            | -     | -            | -     | -                            | -     | -            | -     | -            | -            | -            | -            | -            |     |
| ASHLAND 1 SW             | 95      | 8-2   | 11     | 2-3   | 2-14                   | 9     | 3-27         | 20    | 3-29         | 22    | 4-8          | 28    | 4-9                   | 30    | 10-22        | 30    | -            | -     | -            | -     | -                            | -     | -            | -     | 288          | 247          | 225          | -            | 196          |     |
| BACK BAY WILDLIFE REFUGE | 101     | 7-5   | 8      | 2-12  | 2-14                   | 12    | 3-27         | 18    | 3-27         | 18    | 4-1          | 28    | 4-9                   | 32    | 10-25        | 31    | 11-1         | 28    | 11-5         | 24    | 11-27                        | 20    | 12-1         | 13    | 290          | 245          | 223          | 214          | 199          |     |
| BALCONY FALLS            | 96      | 7-28  | 5      | 2-12  | 3-27                   | 16    | 3-27         | 16    | 3-28         | 23    | 3-31         | 25    | 4-8                   | 31    | 10-25        | 32    | 11-1         | 27    | 11-6         | 21    | 11-27                        | 18    | 11-29        | 13    | 247          | 245          | 223          | 215          | 200          |     |
| BEKFOR                   | 100     | 8-2   | -2     | 2-4   | 3-27                   | 16    | 3-29         | 20    | 3-31         | 21    | 4-5          | 26    | 4-8                   | 30    | 10-22        | 32    | 10-26        | 28    | 11-6         | 21    | 11-25                        | 20    | 11-27        | 16    | 245          | 241          | 220          | 204          | 197          |     |
| BERRYVILLE               | 86      | 7-3+  | -8     | 2-12  | 3-29                   | 15    | 3-30         | 20    | 4-8          | 22    | 4-8          | 22    | 4-8                   | 22    | 10-17        | 30    | 10-25        | 22    | 10-25        | 22    | 11-4                         | 20    | 11-18        | 16    | 234          | 219          | 200          | 200          | 192          |     |
| BLACKSBURG 2             | 92      | 8-4+  | 0      | 2-12  | 3-27                   | 12    | 3-27         | 12    | 3-30         | 24    | 4-8          | 28    | 4-9                   | 29    | 10-17        | 31    | 11-1         | 27    | 11-5         | 24    | 11-27                        | 19    | 11-29        | 11    | 247          | 245          | 220          | 207          | 191          |     |
| BLACKSTONE CAA AIRPORT   | 95      | 7-28  | 10     | 1-28  | 2-14                   | 16    | 3-27         | 20    | 3-28         | 24    | 3-30         | 27    | 4-8                   | 30    | 11-4         | 30    | 11-5         | 26    | 11-29        | 16    | 11-29                        | 16    | 11-29        | 16    | 288          | 247          | 246          | 220          | 210          |     |
| BOWLING GREEN            | 98      | 7-18  | 9      | 1-31  | 2-14                   | 14    | 3-27         | 14    | 3-28         | 24    | 3-29         | 28    | 4-8                   | 30    | 11-6         | 27    | 11-6         | 27    | 11-29        | 14    | 11-29                        | 14    | 11-29        | 14    | 288          | 288          | 246          | 222          | 212          |     |
| BOYKINS                  | 102     | 7-18  | 11     | 1-31  | 2-14                   | 16    | 2-14         | 16    | 3-27         | 22    | 3-31         | 27    | 4-9                   | 32    | -            | -     | 11-6         | 24    | 11-6         | 24    | 11-29                        | 20    | 12-22        | 15    | 311          | 288          | 224          | 220          | -            |     |
| BRISTOL                  | 95      | 8-4+  | 0      | 2-13  | 3-27                   | 13    | 3-27         | 13    | 3-28         | 22    | 3-30         | 25    | 4-8                   | 30    | 10-17        | 31    | 10-31        | 28    | 11-8         | 22    | 11-29                        | 13    | 11-29        | 13    | 247          | 247          | 225          | 215          | 192          |     |
| BUCHANAN                 | 97      | 8-4+  | 7      | 1-28+ | 2-14                   | 11    | 3-27         | 11    | 3-31         | 24    | 4-1          | 26    | 4-9                   | 29    | 10-17        | 32    | 11-1         | 26    | 11-5         | 22    | 11-27                        | 19    | 11-29        | 16    | 288          | 245          | 221          | 214          | 191          |     |
| BURKES GARDEN            | 88      | 8-4   | -7     | 1-31  | 3-27                   | 7     | 3-27         | 7     | 4-9          | 22    | 4-9          | 22    | 5-9                   | 30    | 10-9         | 28    | 10-9         | 28    | 11-1         | 23    | 11-5                         | 15    | 11-5         | 15    | 223          | 220          | 206          | 183          | 153          |     |
| CAPE HENRY WB CITY       | 97      | 7-23  | 19     | 2-12  | None                   | -     | 2-12         | 19    | 2-14         | 21    | 3-27         | 26    | 3-28                  | 32    | 11-29        | 25    | 11-29        | 25    | 12-17        | 24    | None                         | -     | None         | -     | -            | -            | 306          | 247          | 246          |     |
| CATAWBA SANATORIUM       | 95      | 7-4   | 1      | 2-12  | 3-27                   | 11    | 3-27         | 11    | 3-28         | 22    | 3-30         | 27    | 4-8                   | 31    | 11-1         | 32    | 11-5         | 25    | 11-18        | 23    | 11-29                        | 12    | 11-29        | 12    | 247          | 247          | 235          | 220          | 207          |     |
| CHARLOTTE COURT HOUSE    | -       | -     | 9      | 1-28+ | -                      | -     | 3-27         | 20    | 3-27         | 20    | 3-30         | 28    | 4-8                   | 32    | 10-25        | 30    | 11-5         | 24    | 11-5         | 24    | 11-29                        | 16    | 11-29        | 16    | -            | 247          | 223          | 220          | 200          | -   |
| CHARLOTTESVILLE 2 W      | 97      | 7-4+  | 7      | 2-12  | 2-14                   | 16    | 3-27         | 18    | 3-28         | 24    | 3-28         | 24    | 4-8                   | 32    | 11-5         | 31    | 11-18        | 28    | 11-29        | 15    | 11-29                        | 15    | 11-29        | 15    | 288          | 247          | 246          | 235          | 211          |     |
| CHARLOTTESVILLE 1 W      | 98      | 7-4+  | 6      | 1-28+ | 2-14                   | 13    | 3-27         | 20    | 3-27         | 20    | 3-31         | 28    | 4-8                   | 30    | 10-25        | 32    | 11-6         | 26    | 11-27        | 21    | 11-29                        | 16    | 11-29        | 16    | 288          | 247          | 245          | 220          | 211          |     |
| CHASE CITY               | 96      | 7-28  | 11     | 1-28+ | 2-13                   | 11    | 3-27         | 18    | 3-28         | 22    | 3-29         | 28    | 4-8                   | 32    | 11-5         | 26    | 11-5         | 26    | 11-29        | 16    | 11-29                        | 16    | 11-29        | 16    | 289          | 247          | 246          | 221          | 211          |     |
| CHATHAM 2 NE             | 96      | 7-4+  | 7      | 1-31  | 2-14                   | 14    | 3-28         | 19    | 4-1          | 28    | 4-9          | 32    | 4-9                   | 32    | 10-25        | 29    | 11-5         | 28    | 11-6         | 24    | 11-29                        | 14    | 11-29        | 14    | 288          | 246          | 223          | 218          | 199          |     |
| CHERITON                 | 98      | 7-18  | 14     | 1-31  | 1-31                   | 14    | 2-14         | 17    | 2-14         | 17    | 3-8          | 26    | 3-28                  | 29    | 11-21        | 32    | 11-28        | 27    | 11-29        | 22    | 12-16                        | 19    | 12-22        | 16    | 325          | 305          | 288          | 265          | 238          |     |
| CHILHOWIE 1 S            | 95      | 8-5   | -4     | 2-13  | 3-27                   | 11    | 3-30         | 19    | 4-8          | 23    | 4-9          | 26    | 4-28                  | 32    | 10-10        | 30    | 10-25        | 25    | 10-26        | 23    | 11-5                         | 15    | 11-5         | 15    | 223          | 220          | 201          | 199          | 165          |     |
| COLUMBIA                 | 98      | 7-4+  | 3      | 1-31  | 2-15                   | 14    | 3-27         | 20    | 3-30         | 24    | 4-1          | 28    | 4-9                   | 31    | 10-23        | 30    | 11-1         | 27    | 11-6         | 21    | 11-29                        | 14    | 11-29        | 14    | 287          | 247          | 221          | 214          | 197          |     |
| CROZET 2N                | 98      | 7-6   | 4      | 1-28  | 3-27                   | 16    | 3-27         | 16    | 3-27         | 16    | 3-29         | 26    | 4-8                   | 29    | 10-25        | 32    | 11-6         | 26    | 11-27        | 23    | 11-29                        | 12    | 11-29        | 12    | 247          | 247          | 245          | 222          | 200          |     |
| CULPEPER                 | 97      | 7-22+ | 3      | 1-31  | 2-14                   | 10    | 3-28         | 19    | 3-28         | 19    | 3-31         | 25    | 4-5                   | 32    | 10-25        | 30    | 11-1         | 28    | 11-9         | 24    | 11-19                        | 19    | 11-29        | 19    | 288          | 236          | 226          | 215          | 203          |     |
| DAHLGREN PROV GROUND     | 99      | 8-2   | 10     | 2-13  | 2-14                   | 13    | 3-28         | 24    | 3-28         | 24    | 3-29         | 27    | 3-31                  | 31    | 11-6         | 32    | 11-25        | 28    | 11-28        | 21    | 11-29                        | 16    | 11-29        | 16    | 288          | 288          | 245          | 241          | 200          |     |
| DALE ENTERPRISE          | 95      | 7-3+  | 2      | 1-28  | 3-27                   | 15    | 3-28         | 19    | 3-31         | 23    | 4-5          | 28    | 4-9                   | 29    | 10-17        | 32    | 10-26        | 28    | 11-6         | 19    | 11-6                         | 19    | 11-29        | 16    | 247          | 223          | 220          | 203          | 191          |     |
| DANTE                    | 94      | 7-23+ | 4      | 2-13  | 3-27                   | 15    | 3-28         | 19    | 3-28         | 19    | -            | -     | -                     | -     | -            | -     | -            | -     | -            | -     | -                            | -     | -            | -     | -            | -            | -            | -            | -            |     |
| DANVILLE                 | 99      | 7-28  | 10     | 2-12  | 2-14                   | 15    | 3-27         | 19    | 3-28         | 24    | 3-31         | 28    | 4-8                   | 30    | 10-25        | 30    | 11-5         | 24    | 11-5         | 24    | 11-29                        | 15    | 11-29        | 15    | 288          | 247          | 222          | 219          | 200          |     |
| DANVILLE CAA AIRPORT     | 100     | 7-3   | 10     | 2-12+ | 2-13                   | 10    | 3-27         | 19    | 3-27         | 19    | 3-28         | 26    | 4-8                   | 32    | 11-1         | 32    | 11-5         | 27    | 11-28        | 24    | 11-29                        | 17    | 12-13        | 16    | 303          | 247          | 246          | 222          | 207          |     |
| DIAMOND SPRINGS          | 96      | 7-28+ | 17     | 2-13  | None                   | -     | 2-14         | 18    | 3-27         | 23    | 3-28         | 28    | 3-28                  | 28    | 11-27        | 30    | 11-29        | 21    | 11-29        | 21    | 12-16                        | 20    | None         | -     | -            | -            | 305          | 247          | 246          | 244 |
| ELKWOOD 6 SE             | 99      | 7-5   | -1     | 1-31  | 2-14                   | 3     | 3-28         | 17    | 3-28         | 17    | 4-8          | 27    | 4-8                   | 27    | 10-23        | 30    | 11-5         | 24    | 11-5         | 24    | 11-27                        | 17    | 11-29        | 16    | 288          | 244          | 222          | 211          | 198          |     |
| EPISCOPAL HIGH SCHOOL    | 98      | 7-23  | 8      | 1-28+ | 2-14                   | 14    | 3-27         | 14    | 3-28         | 24    | 3-29         | 26    | 3-29                  | 26    | 11-6         | 31    | 11-28        | 28    | 11-29        | 13    | 11-29                        | 13    | 11-29        | 13    | 288          | 288          | 266          | 237          | 222          |     |
| FALLS CHURCH             | 99      | 8-2   | 5      | 2-3   | 2-14                   | 9     | 3-8          | 18    | 3-29         | 24    | 3-31         | 28    | 4-8                   | 31    | 11-1         | 32    | 11-10        | 28    | 11-27        | 22    | 11-29                        | 12    | 11-29        | 12    | 288          | 266          | 243          | 224          | 207          |     |
| FARMVILLE                | -       | -     | 3      | 2-3   | 2-19                   | 14    | 3-30         | 18    | 4-1          | 23    | 4-9          | 27    | 4-9                   | 27    | 10-20        | 31    | 10-25        | 28    | 11-5         | 22    | 11-6                         | 18    | 11-29        | 13    | 283          | 221          | 218          | 199          | 194          |     |
| FLOYD                    | 91      | 8-7   | 0      | 2-12  | 3-27                   | 11    | 3-28         | 18    | 3-30         | 23    | 4-8          | 26    | 4-9                   | 31    | 10-10        | 32    | 11-4         | 27    | 11-5         | 24    | 11-29                        | 8     | 11-29        | 8     | 247          | 246          | 220          | 210          | 184          |     |
| FLOYD LEE                | 96      | 7-17+ | 7      | 1-31  | 2-13                   | 13    | 3-8          | 20    | 3-29         | 24    | 4-9          | 27    | 4-9                   | 27    | 10-22        | 32    | 11-5         | 27    | 11-6         | 24    | 11-29                        | 14    | 11-29        | 14    | 289          | 266          | 222          | 210          | 196          |     |
| FREDERICKSBURG           | 98      | 7-4+  | 3      | 1-31  | 2-15                   | 8     | 3-28         | 19    | 3-29         | 22    | 3-31         | 27    | 4-9                   | 31    | 10-17        | 30    | 10-26        | 25    | 11-2         | 24    | 11-6                         | 19    | 11-27        | 14    | 285          | 223          | 218          | 209          | 191          |     |
| FRONT ROYAL 6 NW         | 101     | 8-3   | -1     | 2-4   | 3-8                    | 14    | 3-27         | 19    | 3-27         | 19    | 4-5          | 28    | 4-5                   | 28    | 10-23        | 31    | 10-31        | 28    | 11-6         | 20    | 11-6                         | 20    | 11-28        | 16    | 265          | 224          | 224          | 209          | 201          |     |
| GALAX                    | -       | -     | -      | -     | -                      | -     | -            | -     | -            | -     | -            | -     | -                     | -     | -            | -     | -            | -     | -            | -     | -                            | -     | -            | -     | -            | -            | -            | -            | -            |     |
| GLEN LYN                 | 99      | 8-7   | 3      | 2-12  | 3-27                   | 14    | 3-27         | 14    | 3-31         | 23    | 4-8          | 27    | 4-10                  | 30    | 10-9         | 32    | 10-17        | 26    | 11-5         | 22    | 11-6                         | 20    | 11-28        | 10    | -            | -            | -            | -            | -            |     |
| GORDONSVILLE CAA AIRPORT | 99      | 7-5+  | -2     | 1-31  | 2-14                   | 8     | 3-29         | 19    | 3-31         | 24    | 4-5          | 28    | 5-18                  | 32    | 10-10        | 32    | 10-25        | 26    | 11-5         | 23    | 11-6                         | 19    | 11-27        | 18    | 247          | 225          | 209          | 200          | 190          |     |
| HAL                      |         |       |        |       |                        |       |              |       |              |       |              |       |                       |       |              |       |              |       |              |       |                              |       |              |       |              |              |              |              |              |     |



Table 3--Continued

## TEMPERATURE EXTREMES AND FREEZE DATA

VIRGINIA  
1955

| Station          | Highest | Date  | Lowest | Date | Last spring minimum of |       |              |       |              |       |              |       |              |       | First fall minimum of |       |              |       |              |       |              |       |              |       | Number of days between dates |              |              |              |              |
|------------------|---------|-------|--------|------|------------------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|-----------------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|------------------------------|--------------|--------------|--------------|--------------|
|                  |         |       |        |      | 16° or below           |       | 20° or below |       | 24° or below |       | 28° or below |       | 32° or below |       | 32° or below          |       | 28° or below |       | 24° or below |       | 20° or below |       | 16° or below |       | 16° or below                 | 20° or below | 24° or below | 28° or below | 32° or below |
|                  |         |       |        |      | Date                   | Temp. | Date         | Temp. | Date         | Temp. | Date         | Temp. | Date         | Temp. | Date                  | Temp. | Date         | Temp. | Date         | Temp. | Date         | Temp. | Date         | Temp. |                              |              |              |              |              |
| WAVERLY HILLS    | 100     | 8- 2  | 6      | 2- 3 | 2-14                   | 15    | 3- 8         | 20    | 3-27         | 21    | 3-29         | 26    | 3-29         | 26    | 11- 6                 | 32    | 11-21        | 28    | 11-29        | 13    | 11-29        | 13    | 11-29        | 13    | 288                          | 266          | 247          | 237          | 222          |
| WEST POINT 2 SW  | 98      | 7- 3+ | 7      | 1-31 | 2-14                   | 14    | 3-27         | 20    | 3-27         | 20    | 3-31         | 28    | 4- 9         | 31    | 10-25                 | 32    | 11- 6        | 28    | 11-27        | 24    | 11-29        | 14    | 11-29        | 14    | 288                          | 247          | 245          | 220          | 199          |
| WILLIAMSBURG 2 N | 98      | 8- 7  | 6      | 1-31 | 2-14                   | 11    | 2-19         | 20    | 3-27         | 22    | 4- 8         | 28    | 4- 9         | 31    | 10-25                 | 32    | 11- 6        | 28    | 11-29        | 15    | 11-29        | 15    | 11-29        | 15    | 288                          | 283          | 247          | 212          | 199          |
| WINCHESTER 2 SSW | 100     | 8- 3  | 2      | 1-28 | 2-14                   | 13    | 3-27         | 19    | 3-28         | 22    | 3-29         | 27    | 4- 5         | 32    | 10-23                 | 32    | 11- 6        | 24    | 11- 6        | 24    | 11-29        | 14    | 11-29        | 14    | 288                          | 247          | 223          | 222          | 201          |
| WISE 1 SE        | 91      | 8- 4+ | -      | -    | -                      | -     | -            | -     | -            | -     | -            | -     | -            | -     | 10-15                 | 32    | 10-17        | 27    | 10-25        | 24    | 11- 5        | 18    | 11-29        | 8     | -                            | -            | -            | -            | -            |
| WOODSTOCK        | 103     | 8- 3  | 2      | 1-28 | 2-14                   | 13    | 3-27         | 17    | 3-28         | 22    | 3-31         | 26    | 4- 8         | 32    | 10-23                 | 32    | 11- 1        | 26    | 11- 6        | 20    | 11- 6        | 20    | 11-29        | 12    | 288                          | 224          | 223          | 215          | 198          |
| WYTHEVILLE       | 91      | 7- 4+ | 0      | 2-12 | 3-27                   | 10    | 3-28         | 19    | 3-28         | 19    | 4- 9         | 28    | 4- 9         | 28    | 10-25                 | 31    | 11- 1        | 27    | 11- 5        | 22    | 11-27        | 18    | 11-29        | 10    | 247                          | 244          | 222          | 206          | 199          |

## TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

| Station             |      | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec. | Annual |  |
|---------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|--|
| CHARLOTTESVILLE 1 W | EVAP | B1.63 | B1.91 | B4.98 | 4.78  | B7.40 | B6.68 | B8.67 | -     | 3.50  | B3.29 | B2.23 | -    | -      |  |
|                     | DEP  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | -      |  |
|                     | WIND | 1261  | 1226  | 1907  | 1489  | 1270  | 947   | 728   | 988   | 916   | 1007  | 1167  | -    | -      |  |
|                     | MAX  | -     | -     | -     | 74.0  | 85.4  | 85.5  | 94.5  | 91.4  | 82.2  | 72.8  | 57.4  | -    | -      |  |
| HOLLAND 1 E         | MIN  | -     | -     | -     | 50.9  | 60.8  | 62.0  | 74.4  | 73.5  | 64.7  | 50.5  | 37.0  | -    | -      |  |
|                     | EVAP | -     | -     | -     | -     | 7.11  | B6.80 | B7.57 | B7.08 | B4.88 | 4.07  | B3.19 | -    | -      |  |
|                     | DEP  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | -      |  |
|                     | WIND | -     | -     | -     | B2156 | 2054  | 1281  | 702   | 1459  | 1346  | 1355  | 1594  | -    | -      |  |
| JOHN H. KERR DAM    | EVAP | -     | -     | -     | -     | B7.73 | B7.01 | 8.46  | B7.26 | B4.63 | B3.49 | -     | -    | -      |  |
|                     | DEP  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | -      |  |
|                     | WIND | -     | -     | -     | -     | B1600 | 1242  | 1468  | 1972  | 1343  | 1424  | -     | -    | -      |  |
|                     | MAX  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | -      |  |
| PHILPOT DAM 2       | MIN  | -     | -     | -     | B5.10 | 6.24  | B5.65 | 6.05  | B5.27 | 3.63  | 3.07  | -     | -    | -      |  |
|                     | EVAP | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | -      |  |
|                     | DEP  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | -      |  |
|                     | WIND | -     | -     | 1684  | 1380  | 1077  | 727   | 721   | 922   | 593   | 892   | 1242  | -    | -      |  |

MAX and MIN in Table 6 refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

## † CHANGES IN STATION NAMES

| NEW NAME            | OLD NAME       | DATE          |
|---------------------|----------------|---------------|
| BUCKINGHAM          | BUCKINGHAM 1 E | February 1955 |
| DAVENPORT 2 NE      | DAVENPORT      | June 1955     |
| DEERFIELD 1 S       | DEERFIELD 2 NE | June 1955     |
| DELAFLANE 1 NW      | DELAFLANE      | February 1955 |
| DRIVER 4 NE         | DRIVER 5 NE    | January 1955  |
| HALIFAX 1 N         | HALIFAX        | August 1955   |
| LURAY 5 E           | LURAY          | May 1955      |
| RADFORD CLAYTOR DAM | RADFORD        | May 1955      |
| SMITHFIELD 3 NE     | SMITHFIELD     | January 1955  |

## RELOCATIONS

|               |                                  |                   |
|---------------|----------------------------------|-------------------|
| BUCKINGHAM    | All equipment moved 1.1 miles W  | February 9, 1955  |
| CHINCOTEAGUE  | Recorder moved 75 feet NE        | February 1, 1955  |
| CLINCHO       | Rain gage moved 200 feet E       | January 27, 1955  |
| DEERFIELD 1 S | All equipment moved 2.9 miles SW | June 24, 1955     |
| DUNBAR        | Rain gage moved 500 feet SE      | January 26, 1954  |
| DUNNANNON     | Rain gage moved 200 feet NE      | October 14, 1955  |
| GLEN LYN      | All equipment moved 125 feet W   | January 1, 1955   |
| HALIFAX 1 N   | All equipment moved 500 feet SSE | September 1, 1950 |
| HONAKER       | Rain gage moved 200 feet NW      | April 8, 1953     |
| HOT SPRINGS   | All equipment moved 80 feet N    | June 23, 1955     |
| LAFAYETTE     | Rain gage moved 45 feet SW       | May 6, 1955       |
| LEXINGTON     | All equipment moved 600 feet N   | July 15, 1954     |
| MT WEATHER    | All equipment moved 0.2 mile SE  | September 1, 1955 |
| WASHINGTON    | All equipment moved 130 feet SSW | April 1, 1955     |

## STATION INDEX

VIRGINIA  
1955

| Station                  | Index No. | County        | Drainage <sup>1</sup> | Latitude | Longitude | Elevation | Temp. | Precip. | Evap. | Years of record | Opened or closed during yr. | Refer to tables | Station | Index No.                 | County | Drainage <sup>1</sup> | Latitude | Longitude | Elevation | Temp. | Precip. | Evap. | Years of record | Opened or closed during yr. | Refer to tables |   |   |   |   |
|--------------------------|-----------|---------------|-----------------------|----------|-----------|-----------|-------|---------|-------|-----------------|-----------------------------|-----------------|---------|---------------------------|--------|-----------------------|----------|-----------|-----------|-------|---------|-------|-----------------|-----------------------------|-----------------|---|---|---|---|
| ABINGDON                 | 0013      | WASHINGTON    | 8                     | 35 42    | 82 00     | 2000      | 14    |         |       |                 |                             | 2               | C       | JEWELL RIDGE              | 4404   | TAZEWELL              | 6        | 37 11     | 81 47     | 2750  | 5       | 21    |                 |                             | 2               | 3 | 4 | C |   |
| AFION BOXWOOD GARDENS    | 0019      | NELSON        | 9                     | 35 02    | 78 50     | 1250      | 25    |         |       |                 |                             | 1               | 2       | JOHN M. KERR DAM          | 4412   | MECKLENBURG           | 13       | 36 36     | 78 11     | 323   | 5       | 5     |                 |                             | 2               | 3 | 4 | C |   |
| ALEXANDRIA POTOMAC YARDS | 0039      |               | 13                    | 38 49    | 77 03     | 20        | 18    |         |       |                 |                             | 1               | 2       | JONESVILLE 2 SSE          | 4448   | LEE                   | 6        | 36 40     | 80 06     | 1375  | 9       |       |                 |                             | 2               |   |   |   |   |
| ALLISONIA                | 0095      | PULASKI       | 11                    | 36 56    | 80 49     | 1970      | 4     |         |       |                 |                             | 1               | 2       | JORDAN MINES              | 4452   | ALLEGHANY             | 9        | 37 41     | 80 05     | 1350  |         |       |                 |                             | 2               |   |   |   | C |
| ALTAVISTA                | 0166      | CAMPBELL      | 15                    | 37 06    | 79 18     | 503       | 10    |         |       |                 |                             | 2               | 2       | KERRS CREEK               | 4565   | ROCKBRIDGE            | 9        | 37 51     | 79 31     | 1400  | 14      |       |                 |                             |                 |   |   |   |   |
| AMISVILLE                | 0193      | RAPPAHANNOCK  | 14                    | 35 41    | 78 01     | 550       | 12    |         |       |                 |                             | 2               |         | LAFAYETTE 1 NE            | 4676   | MONTGOMERY            | 15       | 37 14     | 80 13     | 1280  | 5       |       |                 |                             |                 | 2 |   |   |   |
| APPOMATTOX               | 0243      | APPOMATTOX    | 9                     | 37 21    | 78 50     | 825       | 17    |         |       |                 |                             | 2               |         | LANLEY AIR FORCE BASE     | 4720   | ELIZABETH CTY         | 5        | 37 04     | 76 22     | 9     | 70      | 119   |                 |                             | 1               | 2 | 3 |   |   |
| AUGLAND 1 SW             | 0327      | HANOVER       | 9                     | 37 45    | 77 29     | 1520      | 43    |         |       |                 |                             | 1               | 2       | BRUNSWICK                 | 4780   | BRUNSWICK             | 10       | 36 46     | 77 51     | 254   | 10      | 10    |                 |                             | 1               | 2 | 3 |   |   |
| AUGUSTA SPRINGS 1 E      | 0356      | AUGUSTA       | 9                     | 38 07    | 79 18     | 1820      | 3     |         |       |                 |                             | 1               | 2       | LAWRENCEVILLE             | 4876   | ROCKBRIDGE            | 9        | 37 47     | 79 26     | 1045  | 77      | 84    |                 |                             | 1               | 2 | 3 |   |   |
| BALCK BAY WILDLIFE RFG   | 0385      | PRINCESS ANNE | 2                     | 36 40    | 75 55     | 5         | 3     |         |       |                 |                             | 1               | 2       | LEXINGTON                 | 4909   | LOUDOUN               | 13       | 39 07     | 77 43     | 500   | 54      | 55    |                 |                             | 1               | 2 | 3 |   |   |
| BALCON FALLS             | 0411      | ROCKBRIDGE    | 9                     | 37 38    | 79 27     | 725       | 8     | 24      |       |                 |                             | 1               | 2       | LOUISA                    | 5050   | LOUISA                | 17       | 38 01     | 78 00     | 437   | 40      | 40    |                 |                             | 1               | 2 | 3 |   |   |
| BEDFORD                  | 0551      | BEDFORD       | 15                    | 37 21    | 79 31     | 975       | 27    | 41      |       |                 |                             | 1               | 2       | LOVES MILL                | 5057   | WASHINGTON            | 8        | 36 45     | 81 41     | 2060  | 21      |       |                 |                             | 1               | 2 | 3 |   |   |
| BERRYVILLE               | 0670      | CLARKE        | 16                    | 39 09    | 77 59     | 580       | 4     | 13      |       |                 |                             | 1               | 2       | LURAY 5 E                 | 5096   | PAGE                  | 16       | 39 41     | 78 23     | 1120  | 14      | 14    |                 |                             | 1               | 2 | 3 |   |   |
| BIG KNOB                 | 0712      | SCOTT         | 8                     | 36 40    | 82 30     | 3150      | 20    |         |       |                 |                             | 2               | C       | LYNCHBURG MADISON HEIGHTS | 5115   | AMHERST               | 9        | 37 25     | 79 08     | 690   |         |       |                 |                             | 1               | 2 | 3 |   |   |
| BIG MEADOWS              | 0720      | MADISON       | 14                    | 38 31    | 78 26     | 3535      | 20    | 20      |       |                 |                             | 1               | 2       | LYNCHBURG WB AIRPORT      | 5120   | CAMPBELL              | 9        | 37 20     | 79 12     | 947   | 84      | 84    |                 |                             | 1               | 2 | 3 |   |   |
| BLACKSBURG 2             | 0765      | MONTGOMERY    | 11                    | 37 14    | 80 25     | 2040      | 4     | 4       |       |                 |                             | 1               | 2       | MANASSAS                  | 5213   | PR WILLIAM            | 13       | 38 45     | 77 28     | 312   | 8       | 39    |                 |                             | 1               | 2 | 3 |   |   |
| BLACKSTONE CAA AIRPORT   | 0773      | NOTTOWAY      | 12                    | 37 04    | 77 57     | 435       | 10    | 10      |       |                 |                             | 1               | 2       | MARTIN                    | 5266   | SMYTH                 | 8        | 36 51     | 81 31     | 2200  | 49      |       |                 |                             | 1               | 2 | 3 |   |   |
| BLACKSTONE WATER WORKS   | 0778      | NOTTOWAY      | 12                    | 37 05    | 78 01     | 423       |       |         |       |                 |                             | 2               | C       | MARTINSVILLE FILTER PLANT | 5300   | HENRY                 | 7        | 36 42     | 79 53     | 760   | 17      | 25    |                 |                             | 1               | 2 | 3 |   |   |
| BLAND                    | 0792      | BLAND         | 11                    | 37 06    | 81 07     | 2000      | 5     |         |       |                 |                             | 1               | 2       | MATHEWS                   | 5338   | MATHEWS               | 9        | 37 25     | 76 20     | 10    | 6       |       |                 |                             | 1               | 2 | 3 |   |   |
| BOWLING GREEN            | 0937      | CAROLINE      | 17                    | 38 03    | 77 21     | 225       | 6     |         |       |                 |                             | 1               | 2       | MC GAHEYSVILLE 3 S        | 5425   | ROCKINGHAM            | 16       | 38 21     | 76 44     | 1080  |         |       |                 |                             | 1               | 2 | 3 |   |   |
| BOYKINS                  | 0956      | SOUTHAMPTON   | 10                    | 36 35    | 77 12     | 40        | 2     |         |       |                 |                             | 1               | 2       | MEADOWS OF DAN 5 SW       | 5453   | PATRICK               | 7        | 36 40     | 80 27     | 1500  | 6       |       |                 |                             | 2               |   |   |   |   |
| BREMO BLUFF              | 0993      | FLUVANNA      | 9                     | 37 42    | 78 18     | 225       | 15    |         |       |                 |                             | 1               | 2       | MENDOTA                   | 5501   | WASHINGTON            | 8        | 36 42     | 82 18     | 1390  | 48      |       |                 |                             | 1               | 2 | 3 |   |   |
| BRISTOL                  | 1037      | WASHINGTON    | 8                     | 36 36    | 82 10     | 1998      | 22    | 22      |       |                 |                             | 1               | 2       | MONS                      | 5677   | BEDFORD               | 15       | 37 27     | 79 37     | 2505  | 10      | 10    |                 |                             | 1               | 2 | 3 |   |   |
| BRISTOL TVA              | 1047      | WASHINGTON    | 8                     | 36 37    | 82 10     | 1920      | 7     |         |       |                 |                             | 2               |         | MONTBELLO 3 NE            | 5685   | NELSON                | 9        | 37 53     | 79 06     | 2450  | 9       | 18    |                 |                             | 2               |   |   |   |   |
| BROOKNEAL                | 1082      | CAMPBELL      | 15                    | 37 03    | 78 57     | 500       | 6     |         |       |                 |                             | 2               |         | MONTBELLO FISH NURSERY    | 5690   | NELSON                | 9        | 37 51     | 79 07     | 2700  |         |       |                 |                             | 2               |   |   |   |   |
| BUCHANAN                 | 1121      | BOTETOURT     | 9                     | 37 32    | 79 41     | 875       | 37    | 54      |       |                 |                             | 1               | 2       | MONTEREY                  | 5698   | HIGHLAND              | 13       | 38 25     | 79 36     | 2950  | 14      | 30    |                 |                             | 1               | 2 | 3 |   |   |
| BUCKINGHAM               | 1136      | BUCKINGHAM    | 9                     | 37 33    | 78 33     | 485       | 20    |         |       |                 |                             | 1               | 2       | MOUNT CREEK DAM           | 5729   | ROCKBRIDGE            | 9        | 37 45     | 79 38     | 1600  | 23      |       |                 |                             | 1               | 2 | 3 |   |   |
| BURKE VISTA              | 1159      | ROCKBRIDGE    | 9                     | 37 44    | 79 21     | 835       | 15    |         |       |                 |                             | 1               | 2       | MOUNT WEATHER             | 5851   | LOUDOUN               | 13       | 39 04     | 77 53     | 1720  | 51      | 52    |                 |                             | 1               | 2 | 3 |   |   |
| BURKES GARDEN            | 1209      | TAZEWELL      | 11                    | 37 06    | 81 20     | 3250      | 50    | 60      |       |                 |                             | 1               | 2       | NATURAL BRIDGE STATION    | 5941   | ROCKBRIDGE            | 9        | 37 35     | 79 30     | 825   | 13      |       |                 |                             | 1               | 2 | 3 |   |   |
| BYLLESBY                 | 1255      | CARROLL       | 11                    | 36 48    | 80 55     | 2075      | 12    |         |       |                 |                             | 1               | 2       | NEW CANTON                | 6004   | BUCKINGHAM            | 9        | 37 42     | 78 18     | 300   | 60      | 62    |                 |                             | 1               | 2 | 3 |   |   |
| CAPE HENRY WB CITY       | 1362      | PRINCESS ANNE | 2                     | 36 56    | 76 00     | 16        | 81    | 81      |       |                 |                             | 1               | 2       | C                         | 6012   | CRAIG                 | 9        | 37 30     | 80 06     | 1310  | 18      |       |                 |                             | 2               |   |   |   |   |
| CATAMBA SANATORIUM       | 1471      | ROANOKE       | 9                     | 37 23    | 80 05     | 1890      | 44    | 44      |       |                 |                             | 1               | 2       | NEWPORT 2 NW              | 6046   | GILES                 | 9        | 37 19     | 80 31     | 1900  | 10      |       |                 |                             | 1               | 2 | 3 |   |   |
| CHARLOTTE COURT HOUSE    | 1517      | CHARLOTTE     | 13                    | 37 03    | 78 39     | 855       | 9     |         |       |                 |                             | 1               | 2       | OLNEY 1 E                 | 6345   | LEE                   | 6        | 36 49     | 82 52     | 1400  | 23      |       |                 |                             | 1               | 2 | 3 |   |   |
| CHARLOTTESVILLE 1 W      | 1593      | ALBEMARLE     | 9                     | 38 02    | 78 31     | 870       | 12    | 79      |       |                 |                             | 1               | 2       | OLNEY 3 NW                | 6362   | ACCOMAC               | 11       | 37 41     | 75 43     | 25    | 34      | 36    |                 |                             | 1               | 2 | 3 |   |   |
| CHARLOTTESVILLE 2 W      | 1598      | ALBEMARLE     | 9                     | 38 02    | 78 31     | 540       | 5     | - 5     |       |                 |                             | 1               | 2       | C                         | 6139   | PRINCESS ANNE         | 5        | 36 59     | 76 12     | 26    | 10      |       |                 | 1                           | 2               | 3 |   |   |   |
| CHASE CITY               | 1606      | MECKLENBURG   | 15                    | 36 48    | 78 28     | 520       | 8     | 8       |       |                 |                             | 1               | 2       | 3                         | 6144   | NORFOLK               | 5        | 36 52     | 76 17     | 11    | 85      | 85    |                 |                             | 1               | 2 | 3 |   |   |
| CHATHAM 2 NE             | 1614      | PITTSYLVANIA  | 7                     | 36 50    | 79 22     | 700       | 32    | 32      |       |                 |                             | 1               | 2       | 3                         | 6169   | WASHINGTON            | 8        | 36 37     | 82 11     | 1740  | 8       |       |                 |                             | 2               |   |   |   |   |
| CHATHAM SCS              | 1619      | PITTSYLVANIA  | 7                     | 36 45    | 79 25     | 852       |       |         |       |                 |                             | 1               | 2       | 3                         | 6199   | AUGUSTA               | 16       | 38 22     | 79 16     | 2400  | 25      |       |                 |                             | 2               |   |   |   |   |
| CHERITON                 | 1636      | NORTHAMPTON   | 2                     | 37 17    | 75 58     | 11        | 19    | 28      |       |                 |                             | 1               | 2       | 3                         | 6345   | LEE                   | 6        | 36 49     | 82 52     | 1400  | 23      |       |                 |                             | 1               | 2 | 3 |   |   |
| CHILHOWIE 1 S            | 1675      | SMYTH         | 8                     | 36 47    | 81 41     | 2000      | 4     | 4       |       |                 |                             | 1               | 2       | 3                         | 6362   | ACCOMAC               | 11       | 37 41     | 75 43     | 25    | 34      | 36    |                 |                             | 1               | 2 | 3 |   |   |
| CHINCOTEAGUE             | 1583      | ACCOMAC       | 2                     | 37 56    | 75 26     | 23        |       |         |       |                 |                             | 1               | 2       | 3                         | 6533   | SPOTSYLVANIA          | 17       | 38 03     | 77 42     | 250   | 4       |       |                 |                             | 1               | 2 | 3 |   |   |
| CHURCHVILLE              | 1708      | AUGUSTA       | 16                    | 38 14    | 79 10     | 1475      |       |         |       |                 |                             | 1               | 2       | 3                         | 6593   | AMHERST               | 9        | 37 40     | 79 17     | 1013  | 21      |       |                 |                             | 2               |   |   |   |   |
| CLARENDON LYON PARK      | 1729      | ARLINGTON     | 13                    | 38 54    | 77 05     | 225       |       |         |       |                 |                             | 2               |         | 3                         | 6626   | LEE                   | 6        | 36 45     | 83 03     | 1550  | 23      | 23    |                 |                             | 1               | 2 | 3 |   |   |
| CLARKSVILLE              | 1748      | MECKLENBURG   | 15                    | 36 36    | 78 33     | 325       | 35    | 64      |       |                 |                             | 2               |         | 3                         | 6692   | HENRY                 | 7        | 36 47     | 80 02     | 1123  | 3       | 3     |                 |                             | 1               | 2 | 3 |   |   |
| CLEVELAND                | 1776      | RUSSELL       | 6                     | 36 57    | 82 09     | 1540      | 22    |         |       |                 |                             | 2               |         | 3                         | 6712   | ORANGE                | 17       | 38 13     | 78 06     | 2200  | 14      |       |                 |                             | 1               | 2 | 3 |   |   |
| CLIFFTON FORGE           | 1801      | ALLEGHANY     | 9                     | 37 49    | 79 50     | 1055      | 31    |         |       |                 |                             | 2               |         | 3                         | 6723   | MONTGOMERY            | 11       | 37 09     | 80 22     | 2200  | 14      |       |                 |                             | 1               | 2 | 3 |   |   |
| CLINCHCO                 | 1808      | DICKENSON     | 9                     | 37 10    | 82 19     | 1500      | 5     |         |       |                 |                             | 2               |         | 3                         | 6906   | AMELIA                | 9        | 37 29     | 77 59     | 265   | 6       |       |                 |                             | 1               | 2 | 3 |   |   |
| CLINCHPORT               | 1816      | SCOTT         | 6                     | 36 40    | 82 45     | 1260      | 60    |         |       |                 |                             | 1               | 2       | 3                         | 6953   | PULASKI               | 11       | 37 02     | 80 47     | 1850  | 14      |       |                 |                             | 1               | 2 | 3 |   |   |
| COLUMBIA                 | 1929      | GOCHLAND      | 9                     | 37 46    | 78 09     | 300       | 53    | 57      |       |                 |                             | 1               | 2       | 3                         | 6960   | PULASKI               | 11       | 37 05     | 80 47     | 2189  | 17      | 17    |                 |                             | 1               | 2 | 3 |   |   |
| CONCORD 5 S              | 1955      | CAMPBELL      | 15                    | 37 17    | 78 56     | 650       | 6     |         |       |                 |                             | 2               |         | 3                         | 6979   | PR WILLIAM            | 13       | 38 30     | 77 19     | 12    | 55      | 51    |                 |                             | 1               | 2 | 3 |   |   |
| COTTES STORE             | 1986      | ROCKINGHAM    | 16                    | 38 38    | 78 51     | 1070      | 13    |         |       |                 |                             | 2               |         | 3                         | 7004   | PULASKI               | 13       | 37 05     | 80 35     | 1855  | 50      |       |                 |                             | 2               |   |   |   |   |
| COPPER HILL              | 1999      | FLOYD         | 11                    | 37 06    | 80 07     | 2770      | 15    |         |       |                 |                             | 2               |         | 3                         | 7025   | CHARLOTTE             | 15       | 36 54     | 78 43     | 329   | 50      |       |                 |                             | 2               |   |   |   |   |
| COVINGTON                | 2041      | ALLEGHANY     | 9                     | 37 43    | 80 00     | 1245      | 18    |         |       |                 |                             | 1               | 2       | 3                         | 7053   | ORANGE                | 14       | 38 18     | 78 04     | 300   | 10      |       |                 |                             | 1               | 2 | 3 |   |   |
| CROZET 2 N               | 2138      | ALBEMARLE     | 9                     | 38 05    | 78 42     | 750       | 13    | 13      |       |                 |                             | 1               | 2       | 3                         | 7201   | HENRICO               | 9        | 37 30     | 77 20     | 162   | 18      |       |                 |                             | 1               | 2 | 3 |   |   |
| CULPEPER                 | 2155      | CULPEPER      | 14                    | 38 29    | 77 59     | 475       | 46    | 46      |       |                 |                             | 1               | 2       | 3                         | 7254   | WARREN                | 16       | 38 56     | 76 12     | 500   | 24      |       |                 |                             | 1               | 2 | 3 |   |   |
| DAHLGREN PROVING GROUNDS | 2195      | KING GEORGE   | 13                    | 39 20    | 77 02     | 18        | 36    | 36      |       |                 |                             | 1               | 2       | 3                         | 7275   | ROANOKE               | 15       | 37 16     | 79 56     | 907   | 48      | 61    |                 |                             | 1               | 2 | 3 |   |   |
| DALE ENTERPRISE          | 2208      | ROCKINGHAM    | 16                    | 38 27    | 78 56     | 1350      | 73    | 75      |       |                 |                             | 1               | 2       | 3                         | 7285   | ROANOKE               | 15       | 37 19     | 79 58     | 1174  | 21      | 23    |                 |                             | 1               | 2 | 3 |   |   |
| DAMASCUS                 | 2216      | WASHINGTON    | 6                     | 36 38    | 81 48     | 1950      | 28    |         |       |                 |                             | 1               | 2       | 3                         | 7312   | NELSON                | 9        | 37 48     | 78 45     | 445   | 18      |       |                 |                             | 1               | 2 | 3 |   |   |
| DANTE                    | 2287      | RUSSELL       | 6                     | 36 59    | 82 18     | 1765      | 3     |         |       |                 |                             |                 |         |                           |        |                       |          |           |           |       |         |       |                 |                             |                 |   |   |   |   |

# REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state. Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the Post Office.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

- No record.
- 4 Also later date (dates) or months.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- B Adjusted to full month.
- C Data for recorder stations denoted by "C" are processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the Annual issue of Hourly Precipitation Data.
- E Amount is wholly or partially estimated.
- M Less than a complete month of record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- T Trace, an amount too small to measure.

Additional information regarding the climate of Virginia may be obtained by writing to any Weather Bureau Office or to the State Climatologist at the Weather Bureau Airport Station, Byrd Field, Sandston, Virginia.

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