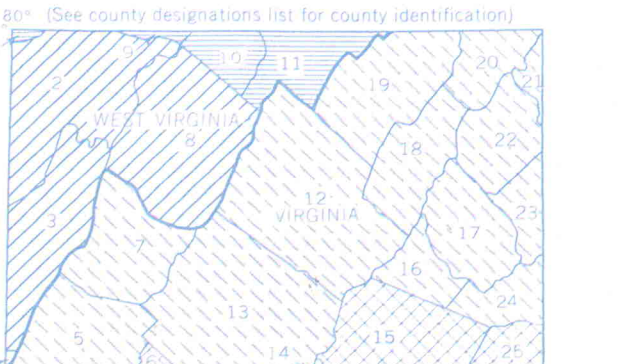


Base prepared by the Army Map Service (LUND), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 from: United States Quadrangles, 1:31,680, 1:50,000 and 1:62,500 (USGS/USCE, 1907-49); Eastern U. S., 1:250,000 AMS, Sheet No. 17-6, 17-6, 17-6. Parametric detail revised by photoplanimetric methods. Control by USCGS and USGS. Map field checked 1956.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS  
 — VIRGINIA NORTH — WEST VIRGINIA SOUTH  
 — VIRGINIA SOUTH — WEST VIRGINIA NORTH

INDEX TO COUNTY BOUNDARIES  
 (See county designations list for county identifications)



PLANE COORDINATE ZONES  
 □ VIRGINIA NORTH □ WEST VIRGINIA SOUTH  
 □ VIRGINIA SOUTH □ WEST VIRGINIA NORTH

HORIZONTAL CONTROL

- Coast & Geodetic Survey**
- ▲ Monumented Point - First Order
  - ▲ Monumented Point - Second Order
  - ▲ Monumented Point - Third Order
  - Located Object - Third Order
  - See separate index for names of numbered stations.
  - Station reported not recovered.
  - Measured Base - Electronic or Taped
  - Line of triangulation observed
  - Line of triangulation observed from one end only
  - Measured Length - Electronic or Taped
  - Theodolite Traverse - Electronic Distance
  - Transit Traverse - Taped Distance Third Order
  - Transit Traverse and Leveling Third Order

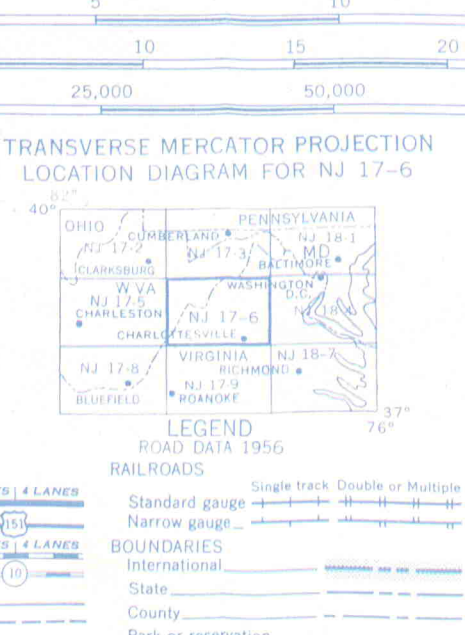
VERTICAL CONTROL

- Coast & Geodetic Survey**
- First Order
  - Second Order
  - Third Order
- Geological Survey**
- First Order
  - Second Order
  - Third Order

STATE SURVEY CONTROL

- Horizontal or Vertical

TRANSVERSE MERCATOR PROJECTION LOCATION DIAGRAM FOR NJ 17-6



ROADS

- Hard surface, heavy duty
- More than two lanes wide
- Two lanes wide; Federal route marker
- Hard surface, medium duty
- More than two lanes wide
- Two lanes wide; State route marker
- Improved light duty
- Unimproved dirt
- Trail

RAILROADS

- Standard gauge
- Single track
- Double or Multiple track
- Narrow gauge
- International
- State
- County
- Reservation

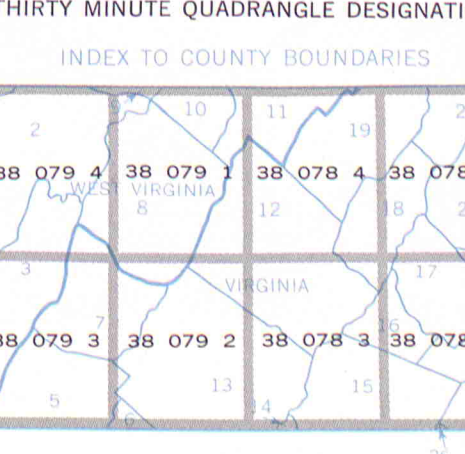
BOUNDARIES

- International
- State
- County
- Reservation

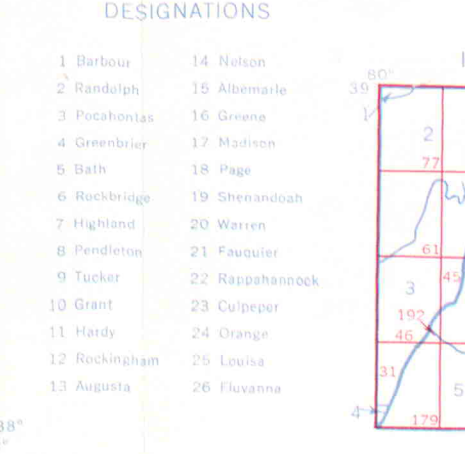
LANDMARKS

- School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

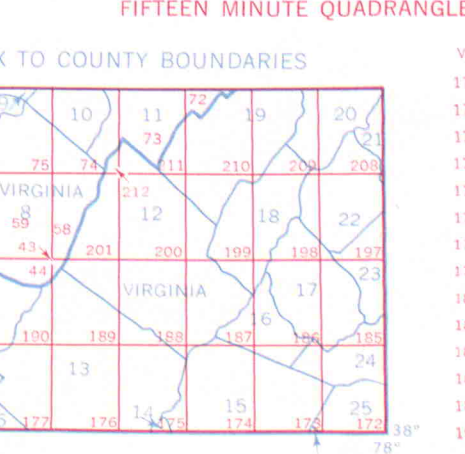
COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION



GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION



INDEX TO COUNTY BOUNDARIES



ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM COAST & GEODETIC SURVEY, ESSA, ROCKVILLE, MARYLAND 20852.

ORDER CONTROL DATA, SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242.

CHARLOTTEVILLE, VIRGINIA, WEST VIRGINIA (NJ 17-6) JUNE 1965

CHARLOTTEVILLE, VIRGINIA, WEST VIRGINIA (NJ 17-6) JUNE 1965

CHARLOTTEVILLE, VIRGINIA, WEST VIRGINIA (NJ 17-6) JUNE 1965

U. S. DEPT. OF COMMERCE  
 COAST AND GEODETIC SURVEY  
 WASHINGTON, D. C.  
 FORM - 6471 (1-63)  
 DATE : DECEMBER 1969

# INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the  
 Coast and Geodetic Survey

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 QUADS 380781-2-3-4 & 380791-2-3-4  
 VA-W VA  
 LATITUDE 38 °00 ' TO 39 °00 '  
 LONGITUDE 78 °00 ' TO 80 °00 '  
 DIAGRAM NJ 17-6 CHARLOTTEVILLE

| KEY NO. | STATION NAME  | QUAD. NO. | STATION NO. | KEY NO. | STATION NAME   | QUAD. NO. | STATION NO. |
|---------|---|-----------|-------------|---------|--|-----------|-------------|
| 1.      | PATTERSON MTN OBSERVATION TOWER                     |           |             | 17.     | MT JACKSON, BOWMAN APPLE PRODUCTS CO, NW WATER TANK    |           |             |
| 2.      | LOUISA, MUNICIPAL WATER TANK                        |           |             | 18.     | HARRISONBURG, WAMPLER FEED & SEED, WATER TANK          |           |             |
| 3.      | ROCKFISH PASS, BLUE RIDGE VENEER CORP, STACK        |           |             | 18.     | HARRISONBURG, THE CRAFTSMAN INC, WATER TANK            |           |             |
| 4.      | CROZET, CHESTER HADEN CO, WATER TANK                |           |             | 19.     | HARRISONBURG, ROCKINGHAM MEMORIAL HOSPITAL, TALL STACK |           |             |
| 5.      | CROZET, ACME VISIBLE RECORDS INC, WATER TANK        |           |             | 20.     | HARRISONBURG, VALLEY HARDWARE CO WATER TANK            |           |             |
| 6.      | CHARLOTTEVILLE, FARMINGTON COUNTY CLUB, WATER TANK  |           |             | 21.     | HARRISONBURG, COUNTY COURTHOUSE, DOME                  |           |             |
| 7.      | TRICO   |           |             | 22.     | HARRISONBURG, CENTRAL CHEMICAL CO, WATER TANK          |           |             |
| 7.      | STEP  |           |             | 23.     | HARRISONBURG, RADIO STATION WSWA, CENTER MAST          |           |             |
| 7.      | AIRWAY BEACON 35                                    |           |             | 24.     | HARRISONBURG, EASTERN MENNONITE COLLEGE, STACK         |           |             |
| 7.      | WARREN COUNTY FIRE TOWER                            |           |             | 25.     | VERONA, AMERICAN SAFETY RAZOR CO, STACK                |           |             |
| 7.      | WARREN  |           |             | 25.     | VERONA, AMERICAN SAFETY RAZOR CO, WATER TANK           |           |             |
| 7.      | TRICO LOT   |           |             | 26.     | WOODROW WILSON EDUCATIONAL CENTER, STANDPIPE           |           |             |
| 7.      | FREEZELAND MTN, MICROWAVE MAST                      |           |             | 26.     | WOODROW WILSON EDUCATIONAL CENTER, SW STACK            |           |             |
| 7.      | FREEZELAND MTN, RADIO STATION WRFL-FM, MAST         |           |             | 27.     | WAYNESBORO, METHODIST CHURCH, SPIRE                    |           |             |
| 7.      | HIGH KNOB RADIO MAST                                |           |             | 28.     | WAYNESBORO, RADIO STATION WAYB, MAST                   |           |             |
| 8.      | CLARK MTN MICROWAVE TOWER                           |           |             | 29.     | WAYNESBORO, MUNICIPAL WATER TANK                       |           |             |
| 9.      | AIRWAY BEACON 31,6 1/2 MILES SSE OF MOOREFIELD      |           |             | 30.     | WAYNESBORO, GENERAL ELECTRIC WATER TANK                |           |             |
| 10.     | STRASBURG, ASTRONOMICAL LONGITUDE STATION           |           |             | 31.     | WAYNESBORO, NATIONAL FRUIT PRODUCTS INC, WATER TANK    |           |             |
| 10.     | STRASBURG, ASTRONOMICAL LATITUDE STATION            |           |             | 32.     | WAYNESBORO, SWANANOVA CLUB, TOWER                      |           |             |
| 10.     | STRASBURG, LUTHERAN CHURCH, SPIRE                   |           |             | 33.     | HARRISONBURG, SHENANDOAH PRIDE, STACK                  |           |             |
| 10.     | STRASBURG MUNICIPAL WATER TANK                      |           |             | 34.     | BM W 76  |           |             |
| 11.     | STRASBURG, PRESBYTERIAN CHURCH, SPIRE               |           |             | 34.     | FAN MARKER, PETERSBURG                                 |           |             |
| 12.     | HARRISONBURG, STEHLI SILK CORP, GREEN TANK (1933)   |           |             | 34.     | AIRWAY BEACON 29, PETERSBURG AIRPORT                   |           |             |
| 12.     | HARRISONBURG, BRETHREN CHURCH, SPIRE                |           |             | 35.     | PETERSBURG, MUNICIPAL STANDPIPE                        |           |             |
| 12.     | HARRISONBURG, STALEY SILK MILL, WATER TANK (1957)   |           |             | 36.     | JOB, WEST VIRGINIA HIGHWAY COMMISSION, RADIO MAST      |           |             |
| 13.     | FRONT ROYAL, AMERICAN VISCOSE CORP, WATER TANK      |           |             | 37.     | AIRWAY BEACON, E OF ELKINS MUNICIPAL AIRPORT           |           |             |
| 13.     | FRONT ROYAL, AMERICAN VISCOSE CORP, STACK           |           |             | 38.     | RICH MOUNTAIN FOREST SERVICE CABIN                     |           |             |
| 14.     | AIRWAY BEACON 34, 3 MILES S OF STRASBURG            |           |             | 38.     | RICH 3 (USFS) (RICH MTN LOT)                           |           |             |
| 15.     | FRONT ROYAL, MICROWAVE MAST                         |           |             | 39.     | ELKINS, PRESTON HARDWOOD LUMBER CO, RED STACK          |           |             |
| 16.     | MT JACKSON, RADIO STATION WSIG, MAST                |           |             | 39.     | ELKINS, PRESTON HARDWOOD LUMBER CO, WATER TANK         |           |             |
| 17.     | MT JACKSON, BOWMAN APPLE PRODUCTS CO, SE WATER TANK |           |             |         |  |           |             |

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 Coast and Geodetic Survey

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 DIAGRAM NJ 17-6 CHARLOTTESVILLE

| KEY NO. | STATION NAME   | QUAD. NO. | STATION NO. | KEY NO. | STATION NAME | QUAD. NO. | STATION NO. |
|---------|--|-----------|-------------|---------|--------------|-----------|-------------|
| 40.     | ELKINS, PRESTON HARDWOOD LUMBER CO,<br>WHITE STACK             |           |             |         |              |           |             |
| 41.     | ELKINS, RADIO STATION WDNE, MAST                               |           |             |         |              |           |             |
| 42.     | AIRWAY BEACON 25, 2 MILES SE OF<br>COALTON                     |           |             |         |              |           |             |
| 43.     | HUTTONSVILLE, MEDIUM SECURITY PRISON,<br>TANK                  |           |             |         |              |           |             |
| 44.     | STAUNTON, CITY VIEW  |           |             |         |              |           |             |
| 45.     |  |           |             |         |              |           |             |
| 46.     | STAUNTON, INSANE ASYLUM, NW CORNER<br>CHIMNEY                  |           |             |         |              |           |             |
| 47.     | STAUNTON ASTRONOMICAL LATITUDE &<br>LONGITUDE STATION          |           |             |         |              |           |             |
| 47.     | STAUNTON BAPTIST CHURCH, SPIRE                                 |           |             |         |              |           |             |
| 47.     | STAUNTON EPISCOPAL CHURCH, NE<br>CORNER OF TOWER               |           |             |         |              |           |             |
| 48.     | MARY GRAY MTN  |           |             |         |              |           |             |
| 49.     | BETSY BELL   |           |             |         |              |           |             |
| 49.     | BETSY BELL 2   |           |             |         |              |           |             |
| 49.     | BETSY BELL MTN   |           |             |         |              |           |             |
| 50.     | STAUNTON   |           |             |         |              |           |             |
| 50.     | STAUNTON, LUTHERAN CHURCH, CLOCK TOWER<br>ORNAMENT             |           |             |         |              |           |             |
| 50.     | STAUNTON, COURTHOUSE, BALL ON BELFRY                           |           |             |         |              |           |             |
| 50.     | STAUNTON, FIRST PRESBYTERIAN CHURCH,<br>LIGHTNING ROD ON SPIRE |           |             |         |              |           |             |
| 50.     | STAUNTON, SECOND PRESBYTERIAN CHURCH,<br>SE CORNER OF TOWER    |           |             |         |              |           |             |
| 51.     | McCORMICK OBSERVATORY, LATITUDE &<br>LONGITUDE PEER            |           |             |         |              |           |             |
| 51.     | CHARLOTTESVILLE, RADIO STATION WELK,<br>MAST                   |           |             |         |              |           |             |
| 51.     | McCORMICK OBSERVATORY, TRANSIT                                 |           |             |         |              |           |             |
| 51.     | LEANDER McCORMICK OBSERVATORY                                  |           |             |         |              |           |             |
| 52.     | CHARLOTTESVILLE, SOUTHERN RR RELAY,<br>MAST                    |           |             |         |              |           |             |
| 53.     | MADISON, MUNICIPAL WATER TANK                                  |           |             |         |              |           |             |
| 54.     | LURAY, RADIO STATION WRAA, MAST                                |           |             |         |              |           |             |
| 55.     | STONY MAN (TT 14 D USGS)                                       |           |             |         |              |           |             |