UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CHARLESTON EAST QUADRANGLE
WEST VIRGINIA
7.5 MINUTE SERIES ORTHOPHOTOQUAD

4660 I NW (POCATALICO)
4760 IV NW (BLUE CREEK)
4660 I NE (BIG CHIMNEY)
4660 I SW (CHARLESTON WEST)
4660 II NE (BELLE)
4760 III NW (CEDAR GROVE)

81°37′30″ 38°22′30″ 81°30′ 38°15′

4246000m E 47 48 35′ 50 52 32′30″ 53 55 56

1 850 000 FEET

4247000m N

500 000 FEET

460 000 FEET

42 46 45 44 43 20′ 42 41 40 39 17′30″ 38 37 36 35 34

CHARLESTON
KANAWHA
KANAWHA CITY
COAL FORK
CREEK
CAMPBELLS
PORT AMHERST
RIVER
RAND
DUPONT CITY
MARMET

4255000m E

1 830 000 FEET

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

PRINCIPAL NUMBERED HIGHWAYS
Interstate Route U. S. Route State Route

Produced and published by the Geological Survey
in cooperation with the Soil Conservation Service

Orthophotograph prepared from 1:80,000-scale
aerial photograph taken April 9, 1977

Projection and 10,000-foot grid ticks: West Virginia
coordinate system, south zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid,
zone 17

1927 North American datum

Photoimagery rectified by optical scanning
which may produce double or mismatched images;
use the mean of image positions for map point

MN GN
4° 71 MILS
0°21′ 6 MILS
UTM GRID AND 1977 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

W. VA.
QUADRANGLE LOCATION

This quadrangle area also covered by
1:24,000-scale topographic map

USGS
Historical File
Topographic Division

AUG 15 1980

CHARLESTON EAST, W. VA.
N3815–W8130/7.5
1977

800

DMA 4660 I SE–SERIES V054