UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF KENTUCKY
KENTUCKY GEOLOGICAL SURVEY
UNIVERSITY OF KENTUCKY

RUSH QUADRANGLE
KENTUCKY
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 GRAYSON 15' QUADRANGLE

4460 IV NW (OLDTOWN)
4460 I NW (ASHLAND)
4460 IV SW (GRAYSON)
4460 I SW (BOLTSFORK)
4460 III NW (WILLARD)
4460 III NE (WEBBVILLE)
4460 II NW (FALLSBURG)

82°52'30" 38°22'30" 82°45' 38°15'

337000m E. 338 339 340 341 342 343 344 2 420 000 FEET 345 347

4248000m N. 4247 4246 4245 4244 4243 4242 4241 4240 4239 4238 4237 4236 4235000m N.

320 000 FEET
280 000 FEET

50' 47'30" 17'30"

ARGILLITE 9 MI.
ASHLAND 10 MI.
PRINCESS 1.1 MI.
MOREHEAD 39 MI.
GRAYSON 3.8 MI.
OLIVE HILL 19 MI.
GRAYSON 4.5 MI.
8 MI. TO U.S. 23
HUNTINGTON, W. VA. 17.5 MI.
HITCHINS 3.1 MI.
2.3 MI. TO KY. 3
BOLTSFORK 2.7 MI.

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Tennessee Valley Authority

Topography by photogrammetric methods from aerial photographs taken 1952. Field checked 1953. Revised from aerial photographs taken 1970. Field checked 1971

Polyconic projection. 1927 North American datum
10,000-foot grid based on Kentucky coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

To place on the predicted North American Datum 1983
move the projection lines 6 meters south and
10 meters west as shown by dashed corner ticks

Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1975 and other source data. This information not field checked. Map edited 1979

MN GN
3° 53 MILS
1°07' 20 MILS
UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506,
AND KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

KENTUCKY
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route U. S. Route State Route

MAP AND AIR PHOTO LIBRARY
SEP 17 1979
University of Wisconsin
Madison

RUSH, KY.
SE/4 GRAYSON 15' QUADRANGLE
N3815—W8245/7.5

1971
PHOTOREVISED 1979
AMS 4460 IV SE—SERIES V853

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979