



VS01, EDITION 3
 Prepared by the U.S. Army Topographic Command (KCLD), Washington, D.C. Compiled in 1959 by photogrammetric methods and from United States quadrangles 1:24,000 and 1:25,000, 1937-56. Planimetry revised in part from aerial photographs taken 1952-56. Map field annotated 1957. Revised in 1972 by the U.S. Geological Survey from aerial photographs taken 1972.

Area covered by light blue hatching is to be submerged
 100,000-foot grid based on Tennessee and North Carolina coordinate systems
 Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

LEGEND
 Figures in red denote approximate distances in miles between stars

POPULATED PLACES
 Over 500,000
 100,000 to 500,000
 25,000 to 100,000
 5,000 to 25,000
 1,000 to 5,000
 Less than 1,000

ROADS
 Primary, all-weather, hard surface
 Secondary, all-weather, hard surface
 Light-duty, all-weather, hard or improved surface
 Fair or dry weather, unimproved surface
 Trail
 Interchange

RAILROADS
 Single track
 Double or Multiple track
 Standard gauge
 Narrow gauge
 Landing area
 International
 State
 County
 Park or reservation

NEWMAN BAR HARBOR
 Boston
 Richmond
 Evanston

BOUNDARIES
 International
 State
 County
 Park or reservation

Other symbols:
 Mine
 Landmark: School, Church, Other
 Spot elevation in feet
 Marsh or swamp
 Seaplane anchorage
 Woods-brushwood
 Power line

Scale 1:250,000
 0 5 10 15 20 Statute Miles
 0 5 10 15 20 Nautical Miles

**CONTOUR INTERVAL 100 FEET
 WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS
 TRANSVERSE MERCATOR PROJECTION**

BLACK NUMBERED LINES INDICATE THE 10,000-METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 16
 1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 1° 00' WEST TO 1° 00' EAST AT THE CENTER OF THE WEST EDGE TO 1° 00' WEST AT THE CENTER OF THE EAST EDGE

FOR SALE BY THE U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

LOCATION DIAGRAM

ILLINOIS NI 16-7	INDIANA NI 16-8	KENTUCKY NI 16-9	MICHIGAN NI 17-1	MISSOURI NI 16-10	MISSOURI NI 16-11	MISSOURI NI 16-12	VIRGINIA NI 17-11	WEST VIRGINIA NI 17-8
ARIZONA NI 16-13	ARIZONA NI 16-14	ARIZONA NI 16-15	ARIZONA NI 16-16	ARIZONA NI 16-17	ARIZONA NI 16-18	ARIZONA NI 16-19	ARIZONA NI 17-1	ARIZONA NI 17-2
ARIZONA NI 16-20	ARIZONA NI 16-21	ARIZONA NI 16-22	ARIZONA NI 16-23	ARIZONA NI 16-24	ARIZONA NI 16-25	ARIZONA NI 16-26	ARIZONA NI 16-27	ARIZONA NI 16-28
ARIZONA NI 16-29	ARIZONA NI 16-30	ARIZONA NI 16-31	ARIZONA NI 16-32	ARIZONA NI 16-33	ARIZONA NI 16-34	ARIZONA NI 16-35	ARIZONA NI 16-36	ARIZONA NI 16-37
ARIZONA NI 16-38	ARIZONA NI 16-39	ARIZONA NI 16-40	ARIZONA NI 16-41	ARIZONA NI 16-42	ARIZONA NI 16-43	ARIZONA NI 16-44	ARIZONA NI 16-45	ARIZONA NI 16-46
ARIZONA NI 16-47	ARIZONA NI 16-48	ARIZONA NI 16-49	ARIZONA NI 16-50	ARIZONA NI 16-51	ARIZONA NI 16-52	ARIZONA NI 16-53	ARIZONA NI 16-54	ARIZONA NI 16-55
ARIZONA NI 16-56	ARIZONA NI 16-57	ARIZONA NI 16-58	ARIZONA NI 16-59	ARIZONA NI 16-60	ARIZONA NI 16-61	ARIZONA NI 16-62	ARIZONA NI 16-63	ARIZONA NI 16-64
ARIZONA NI 16-65	ARIZONA NI 16-66	ARIZONA NI 16-67	ARIZONA NI 16-68	ARIZONA NI 16-69	ARIZONA NI 16-70	ARIZONA NI 16-71	ARIZONA NI 16-72	ARIZONA NI 16-73
ARIZONA NI 16-74	ARIZONA NI 16-75	ARIZONA NI 16-76	ARIZONA NI 16-77	ARIZONA NI 16-78	ARIZONA NI 16-79	ARIZONA NI 16-80	ARIZONA NI 16-81	ARIZONA NI 16-82
ARIZONA NI 16-83	ARIZONA NI 16-84	ARIZONA NI 16-85	ARIZONA NI 16-86	ARIZONA NI 16-87	ARIZONA NI 16-88	ARIZONA NI 16-89	ARIZONA NI 16-90	ARIZONA NI 16-91
ARIZONA NI 16-92	ARIZONA NI 16-93	ARIZONA NI 16-94	ARIZONA NI 16-95	ARIZONA NI 16-96	ARIZONA NI 16-97	ARIZONA NI 16-98	ARIZONA NI 16-99	ARIZONA NI 16-100

GRID ZONE DESIGNATION
 16S
 100,000 METER IDENTIFICATION

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

1. Read letters identifying 100,000 meter square in which the point lies.
 2. Locate first vertical grid line to left of the point and read large figure showing the line number in the top or bottom margin, or in the left or right margin.
 3. Estimate tenths from grid line to point.
 4. Estimate tenths from grid line to point.
 5. Estimate tenths from grid line to point.
 6. Estimate tenths from grid line to point.

EXAMPLE:
 16S 70 74
 3820000

SCALE REFERENCE
 1:250,000
 If reporting beyond 10' in any direction, prefix Grid Zone Designation, e.g., 16S 70 74

STOCK NO. V501XN163**03