



Prepared by the U.S. Army Topographic Command (AJEE), Washington, D.C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1952. Photographs field annotated 1953. Revised by the U.S. Geological Survey 1969.  
100,000-foot grids based on Alabama coordinate system, west and east zones.  
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 — **BOSTON**  
100,000 to 500,000 — **RICHMOND**  
25,000 to 100,000 — **EVANSTON**  
5,000 to 25,000 — **Hialeah**  
1,000 to 5,000 — **Bar Harbor**  
Less than 1,000 — **Fishkill**

**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**

Standard gauge  
Narrow gauge  
Single track  
Double or multiple track

**BOUNDARIES**

International  
State  
County  
Park or reservation

**Other features**

Mine  
Landmark: School, Church, Other, etc.  
Spot elevation in feet  
Marsh or swamp  
Intermittent or dry stream  
Power line

**Land use**

Landmark: School, Church, Other, etc.  
Spot elevation in feet  
Marsh or swamp  
Intermittent or dry stream  
Power line

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Nautical Miles

0 5 10 15 20 25 30 Kilometres

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

1965 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 4° 17' (70 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 2° 14' (40 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

**LOCATION DIAGRAM**

32° 30' 32° 00' 31° 30'

90° 00' 90° 30' 91° 00'

ARKANSAS  
MISSISSIPPI  
LOUISIANA  
MISSOURI  
ILLINOIS  
INDIANA  
OHIO  
KENTUCKY  
Tennessee  
Alabama  
Georgia  
Florida

NI 15-3  
NI 16-1  
NI 16-2  
NI 16-3  
NI 16-4  
NI 16-5  
NI 16-6  
NI 16-7  
NI 16-8  
NI 16-9  
NI 16-10  
NI 16-11  
NI 16-12  
NI 16-13  
NI 16-14  
NI 16-15  
NI 16-16  
NI 16-17  
NI 16-18  
NI 16-19  
NI 16-20  
NI 16-21  
NI 16-22  
NI 16-23  
NI 16-24  
NI 16-25  
NI 16-26  
NI 16-27  
NI 16-28  
NI 16-29  
NI 16-30

**SECTIONIZED TOWNSHIP**

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

**GRID ZONE DESIGNATION**

18S

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES**

**SAMPLE POINT NEW LONDON**

1. Read letters identifying 100,000 metre square in which the point lies.  
2. Locate first vertical grid line to left of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.  
3. Estimate tenths from grid line to point. Estimate tenths from grid line to point. Estimate tenths from grid line to point. Estimate tenths from grid line to point.

**SAMPLE REFERENCE**

If reporting beyond 10° in any direction, grid zone designations are:

DN EN  
DM EM

USGS  
Historical File  
Topographic Division

BIRMINGHAM, ALABAMA  
1953  
REVISED 1969