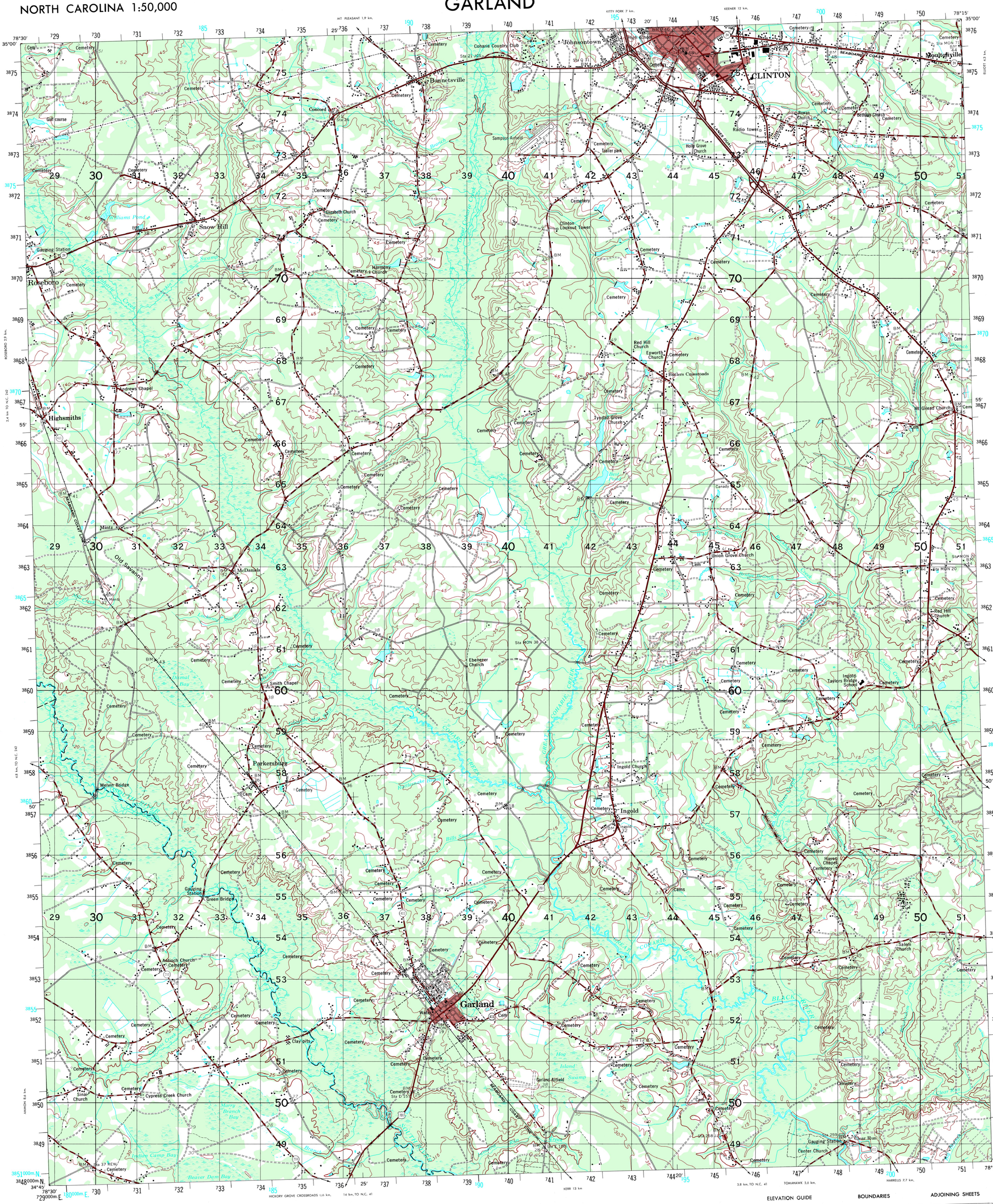
NORTH CAROLINA 1:50,000

GARLAND

EDITION 3–DMATC SERIES V742 SHEET 5353 IV



Prepared and published by the Defense Mapping Agency
Topographic Center, Washington, D. C.

LEGEND

MAP INFORMATION AS OF 1972

IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED
RED TINT INDICATES BUILT-UP AREAS IN WHICH ONLY LANDMARK BUILDINGS ARE SHOWN
SHORT DASHED BLUE LINES INDICATE ELLIPTICAL BAY OUTLINES

ROADS
- Hard surface, heavy duty, divided highways, with median strip
- Hard surface, heavy duty, four or more lanes wide — 16 LANES
- Hard surface, heavy duty, two lanes wide, three lanes wide — 13 LANES
- Hard surface, medium duty, four or more lanes wide — 16 LANES
- Hard surface, medium duty, two lanes wide, three lanes wide — 13 LANES
- Improved light duty, street
- Unimproved dirt
- Track or trail
- Route markers: Interstate; Federal; State — 95 260 301

BRIDGES
- Footbridge; Road;
- Railroad; Drawbridge
- Overpass; Underpass

RAILROADS
- Standard gauge — Single track — Multiple track

BOUNDARIES
- County (with monument)
- Corporate limits
- Military reservation — MIL RES
- Other reservation
- Power transmission line
- Bench mark, monumented — BM×792
- Bench mark, non-monumented — ×431

- Horizontal control station
- Spot elevations in meters: Checked; Unchecked — ×168 ×168
- Open pit mine or quarry
- Tanks; Located object
- Buildings or structures
- Church; School
- Cemetery
- Woods or brushwood
- Orchard; Vineyard
- Levee
- Sand
- Intermittent lake
- Intermittent stream
- Dam: Earthen, Masonry
- Ditch; Intermittent; Perennial
- Marsh or swamp
- Wreck: Sunken; Exposed
- Rocks: Sunken; Awash
- Foreshore flats
- Bottom characteristics
- Depth curves and soundings in meters
- Reef
- Limit of danger
- Light, lighthouse
- Wharf, pier
- Sea wall

SHEET 5353 IV SERIES V742 EDITION 3–DMATC GARLAND

Scale 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers
1 ½ 0 1 2 3 Statute Miles
1 ½ 0 1 2 3 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 5 METERS

SPHEROID ..... CLARKE 1866
GRID ..... 1,000 METER, UTM ZONE 17 (BLACK NUMBERED LINES)
1,000 METER UTM ZONE 18 (BLUE NUMBERED TICKS)
PROJECTION ..... TRANSVERSE MERCATOR
VERTICAL DATUM ..... SEA LEVEL DATUM 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
CONTROL BY ..... USGS, USC&GS, AND 30TH ENGINEERS

Reprinted by NIMA 10-00

SAMPLE 1,000 METER GRID SQUARE
46 45 12 13 Sample point

100,000 M. SQUARE IDENTIFICATION
QJ

GRID ZONE DESIGNATION
17S

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point.
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point.

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION, IN WHICH THE POINT LIES.

Example: QJ123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

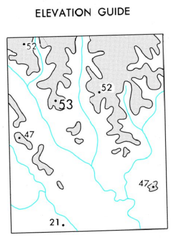
Example: 17SQJ123456

GN — UTM ZONE 17
1970 G-M ANGLE 6°9′ (120 MILS)
GRID CONVERGENCE 1°30′ (27 MILS) FOR CENTER OF SHEET
TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT G-M ANGLE
TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH ADD G-M ANGLE

GN — UTM ZONE 18
1970 G-M ANGLE 3° (50 MILS)
GRID CONVERGENCE 1°56′ (34 MILS) FOR CENTER OF SHEET
TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT G-M ANGLE
TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH ADD G-M ANGLE

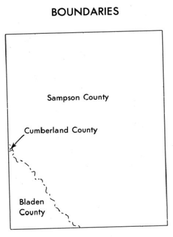
CONVERSION GRAPH
(1 meter = 3.28 feet)
Meters 100 — Feet 400 300 200 100 0

ELEVATION GUIDE



High
Low

BOUNDARIES



ADJOINING SHEETS

5254 II	5354 III	5354 II
5253 I	5353 IV	5353 I
5253 II	5353 III	5353 II

THIS MAP IS RED-LIGHT READABLE

NSN 7643014043646
NGA Ref No. V742X53534

ED. NO. 003

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA ENTERPRISE SERVICE DESK: 1-800-455-0899; COMMERCIAL 301-227-9811; DSN 287-9811; UNCLASSIFIED EMAIL: ENTERPRISESERVICECENTER@NGA.MIL; SIPRNET: ESC@NSCN.NGA.SMIL.MIL; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ESC, MAIL STOP D-240, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.