



Base prepared by the U. S. Army Topographic Command Washington, D. C. Compiled in 1953 by photogrammetric methods from USGS and AMS quadrangles 1:24,000 and 1:25,000, 1927-56. Planimetry revised from aerial photographs taken 1952-56. Control by USGS, USCGS, USGS, Works Progress Administration, and Tennessee Valley Authority. Map field annotated 1957. Limited revision by U. S. Geological Survey 1965.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS

INDEX TO COUNTY BOUNDARIES
(See county designations list for county identification)

PLANE COORDINATE ZONES

LEGEND

HORIZONTAL CONTROL

- Monumented Point - First Order
- Monumented Point - Second Order
- Monumented Point - Third Order
- Located Object - Third Order
- See separate index for names of numbered stations
- Station reported not recovered
- Measured Base - Electronic Optical or Taped
- Line of triangulation observed
- Line of triangulation observed from one end only
- Measured Length - Electronic or Taped
- Theodolite Traverse - Electronic Distance
- Transit Traverse - Taped Distance Third Order
- Transit Traverse and Leveling Third Order

VERTICAL CONTROL

- First Order
- Second Order
- Third Order

STATE SURVEY CONTROL

- Horizontal or Vertical

COAST AND GEODETIC SURVEY

THIRTY MINUTE QUADRANGLE DESIGNATION

COUNTY DESIGNATIONS

GEOLOGICAL SURVEY

FIFTEEN MINUTE QUADRANGLE DESIGNATION

TRANSVERSE MERCATOR PROJECTION

LOCATION DIAGRAM FOR N1 16-3

INDEX TO COUNTY BOUNDARIES

INDEX TO COUNTY BOUNDARIES

ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM GEODESY DIVISION, NOAA, ROCKVILLE, MARYLAND 20852.

ORDER CONTROL DATA, SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242.

CHATTANOOGA, TENN., N. C. (N1 16-3)
JANUARY 1972 A 5648

U. S. DEPARTMENT OF COMMERCE
 ENVIRONMENTAL SCIENCE SERVICES ADMIN.
 COAST AND GEODETIC SURVEY
 ROCKVILLE, MARYLAND 20852
 FORM - 6471 (2/68)
 DATE MAY 1972

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

PAGE 1
 QUADS 350841-2-3-4 & 350851-2-3-4
 NC-TENN
 LATITUDE 35°00' TO 36°00'
 LONGITUDE 84°00' TO 86°00'
 DIAGRAM NI 16-3 CHATTANOOGA

KEY NO	STATION NAME	QUAD NO	STATION NO
1	ATHENS PLANTATION PIPE LINE CO MICRO TOWER	350843	1024
2	CHATTANOOGA	350852	1006
2	CHATTANOOGA OCTAGONAL BLDG CUPOLA	350852	1019
3	LOOKOUT	350852	1012
3	LOOKOUT RM 1	350852	1012
3	LOOKOUT MOUNTAIN SMALL WATER TANK	350852	1021
4	MISSIONARY	350852	1015
4	MISSIONARY RIDGE LARGE ALUM STANDPIPE	350852	1023
5	DOLTEWAH	350852	1016
5	DOLTEWAH 2	350852	1016
6	CHATTANOOGA HAMILTON NATIONAL BANK FLAGPOLE	350852	1018
6	CHATTANOOGA FIRST METHODIST CHURCH SPIRE	350852	1043
7	LOOKOUT MOUNTAIN NEW YORK MON FLAGPOLE	350852	1020
7	LOOKOUT POINT	350852	1022
8	SPRING	350852	1030
9	MCBRIEN	350852	1031
10	MOCCASIN	350852	1036
11	SUNSET	350852	1038
11	BM CFR 35 USGS	350852	1038
12	BENCH MARK L 39	350852	1046
12	AIRPORT BEACON LOVELL FIELD CHATTANOOGA	350852	1047
13	LOVELL FIELD AP STA B	350852	1051
13	LOVELL FIELD AP STA B 2	350852	1052
14	SEWANEE MUNICIPAL WATER TANK	350853	1011
15	SEWANEE SMALL BLACK TANK	350853	1012
16	MONTEAGLE	350853	1032
16	TENNESSEE HWY DEPT MARK NEAR MONTEAGLE	350853	1032
17	MC MINNVILLE ALUM MUNICIPAL WATER TANK	350854	1008
18	STFAM	350844	1025
19	KINGSTON POWER PLANT WATER TANK	350844	1027
20	BUNCOMBE	350852	1004
20	BUNCOMBE RM 4	350852	1004
20	BUNCOMBE PK PLANTATION PIPELINE MICRO TWR	350852	1041
21	LOVELL FIELD AP STA A	350852	1049
21	LOVELL FIELD AP STA A 2	350852	1050
22	SEWANEE	350853	1007
22	SEWANEE RM 3	350853	1007
22	SEWANEE LOOKOUT TOWER SC 1	350853	1008
22	SEWANEE T V A RADIO MAST	350853	1009
22	SEWANEE A T AND T RELAY TOWER	350853	1010

KEY NO	STATION NAME	QUAD NO	STATION NO
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