

Base prepared by the Army Map Service (AMS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1952 from United States Quadrangles, 1:24,000, 1:75,000, 1:50,000, 1:25,000, U. S. Geological Survey and Tennessee Water Authority, 1:50,000 and County Highway Maps, 1:250,000. Planimetric detail partially revised by photo-planimetric methods. Aerial photography, 1938-51. Road, railroad, and aeronautical data verified by state authorities, 1963. Control by U. S. Geological Survey, U. S. Coast and Geodetic Survey, U. S. Forest Service, and Tennessee Valley Authority. 100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS

HORIZONTAL CONTROL

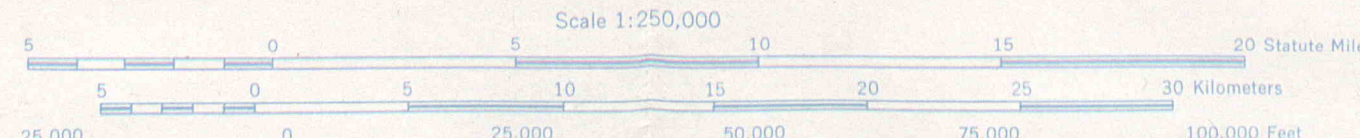
Coast & Geodetic Survey	Geological Survey	Other Agencies	Monumented Point - First Order
▲	▲	▲	Monumented Point - Second Order
●	●	●	Monumented Point - Third Order
○	○	○	Located Object - Third Order
See separate index for names of numbered stations			
Station reported not recovered			
Measured Base - Electro 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

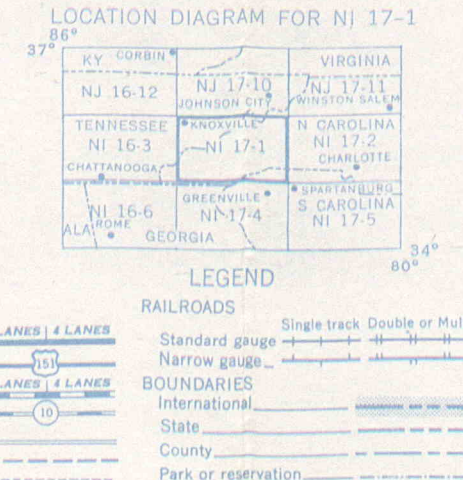
Coast & Geodetic Survey	Geological Survey	Other Agencies	First Order
—	—	—	Second Order
---	---	---	Third Order

STATE SURVEY CONTROL
Horizontal or Vertical

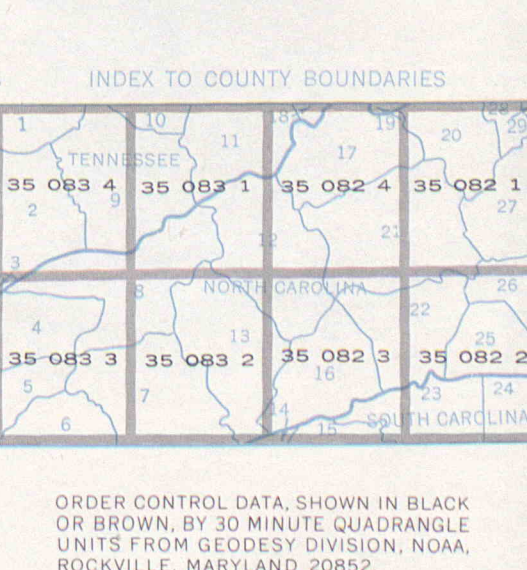
CODE OF OTHER AGENCIES
U. S. Army Topographic Command
Geodetic control established by other agencies, shown in boxes, may be obtained from Geodesy Division, NOAA, Rockville, Maryland 20852.



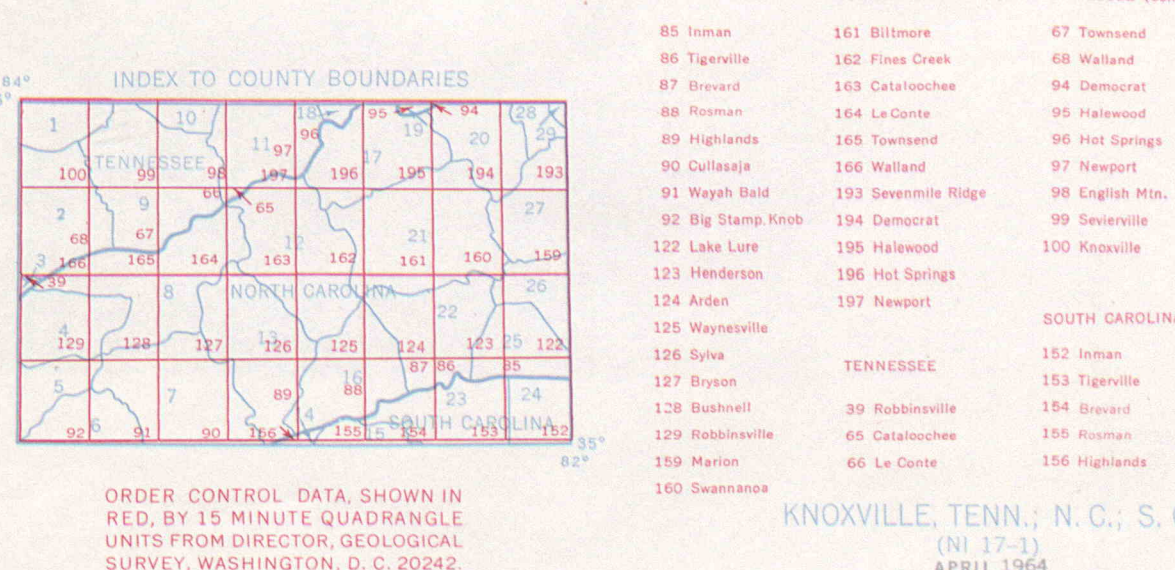
TRANSVERSE MERCATOR PROJECTION.



COAST AND GEODETIC SURVEY
THIRTY MINUTE QUADRANGLE DESIGNATION



GEOLOGICAL SURVEY
FIFTEEN MINUTE QUADRANGLE DESIGNATION



PLANE COORDINATE ZONES
N. C. TENN. S. C. NORTH

USCGM - NOAA - DC June 1973 A-5042

NOAA - NOAA - DC June 1973 A-5042

NOAA - NOAA - DC June 1973 A-5042

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE JULY 1973

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

Page 1
 QUADS 350821-2-3-4& 350831-2-3-4
 NC-SC-TENN
 LATITUDE 35° 00' TO 36° 00'
 LONGITUDE 82° 00' TO 84° 00'
 DIAGRAM NI 17-1 KNOXVILLE

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.	KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	TERRACE			28	OAK (NCGS)		
1	UNIVERSITY			29	PORT (NCGS)		
1	KNOXVILLE COLLEGE CUPOLA			30	AIR (NCGS)		
1	KNOXVILLE JEFFERSON HALL			31	RUNWAY (NCGS)		
1	KNOXVILLE LAT & LONG STA			32	ROYAL (NCGS)		
1	KNOXVILLE REESE HALL SPIRE			33	KELVIN (NCGS)		
1	KNOXVILLE TOWER			33	ATKINS (NCGS)		
1	KNOXVILLE Y.M.C.A. BLDG SPIRE			34	FIRE (NCGS)		
2	NORWOOD T.V.A. MICRO WAVE RELAY MAST 239			34	VAN (NCGS)		
3	HEISKELL			35	LANE (NCGS)		
4	OLD			35	VALLEY (NCGS)		
5	CENT			36	ATHLETIC (NCGS)		
5	T.S.N. 2			36	WYE (NCGS)		
5	T.S.P. 2			36	FENCE (NCGS)		
6	FIFTH			37	POWER (NCGS)		
7	BURLINGTON McCALA AVE BAPTIST CHURCH SPIRE			38	PLANT (NCGS)		
8	KNOXVILLE ST MARY'S HOSPITAL STACK			38	EBASCO 1 (NCGS)		
9	KNOXVILLE C.B. ATKINS CO WATER TANK			39	ARDEN 8 (NCGS)		
10	KNOXVILLE FIFTH MUNICIPAL DIST STANDPIPE			40	HILL (NCGS)		
11	KNOXVILLE IMMACULATE CON. CHURCH SPIRE			40	PINE (NCGS)		
12	KNOXVILLE SECOND METHODIST CHURCH SPIRE			41	SPEED (NCGS)		
13	KNOXVILLE RADIO STA. W.K.G.N. MAST			41	SAND (NCGS)		
14	KNOXVILLE RADIO STA. W.I.V.K. MAST			42	SNELSON (NCGS)		
15	KNOXVILLE RADIO STA. W.K.X.V. MAST			42	RANDALL (NCGS)		
16	STANDING INDIAN MTN (N. SUMMIT OF NANTAHALA)			43	BELL (NCGS)		
17	HODGE			44	RAMSEY (NCGS)		
18	CRAMMERER			44	FREEMAN (NCGS)		
20	MT CAMMERER LAT.			44	BLOCK (NCGS)		
21				45	WHEEL (NCGS)		
22				46	SUTTLE (NCGS)		
23				46	DONALD (NCGS)		
24	ALLEY			47	BUCKNER (NCGS)		
24	ASHEVILLE			47	BOB (NCGS)		
24	ASHEVILLE A			47	CLAY (NCGS)		
25	6 EG 1(NCHC)			48	HOME (NCGS)		
25	BONNET (NCGS)			48	CUT (NCGS)		
25	WOODS (NCGS)			49	POINT (NCGS)		
26	VIEW (NCGS)			49	RILEY (NCGS)		
27	ISLAND (NCGS)			50	CARMEL (NCGS)		
27	FISHBURNE (NCGS)			50	MURRAY (NCGS)		
28	STENCEL (NCGS)						

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 NC-SC-TLNN
 LATITUDE 35° 00' TO 36° 00'
 LONGITUDE 82° 00' TO 84° 00'
 DIAGRAM NI 17-1 KNOXVILLE

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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- 50 BANNER (NCGS)
- 51 GREEN (NCGS)
- 51 WARREN (NCGS)
- 52 GOLF (NCGS)
- 53 CHERRY (NCGS)
- 54 FLINT (NCGS)

- 54 BANK (NCGS)
- 55 CHARLOTTE (NCGS)
- 55 MUM (NCGS)
- 56 GATE (NCGS)
- 57 TUNNEL (NCGS)

- 57 FIRESTONE (NCGS)
- 58 ESSO (NCGS)
- 58 TEXACO (NCGS)
- 59 REDMON (NCGS)
- 59 CERAMIC (NCGS)

- 60 BEVERLY (NCGS)
- 60 SHELL (NCGS)
- 61 GROCE (NCGS)
- 61 HUNT (NCGS)
- 62 TOGS (NCGS)

- 63 CROSS (NCGS)
- 63 PLANT (NCGS)
- 64 BARBER (NCGS)
- 64 PLAZA (NCGS)
- 65 PACE (NCGS)

- 65 BOB (NCGS)
- 66 TRADE (NCGS)
- 66 PACOLET (NCGS)
- 67 WHITE (NCGS)
- 68 CLAIR (NCGS)

- 69 MARION
- 69 MARION A
- 69 LAWN
- 69 DUKE (NCGS)
- 70 COLONIAL (NCGS)

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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