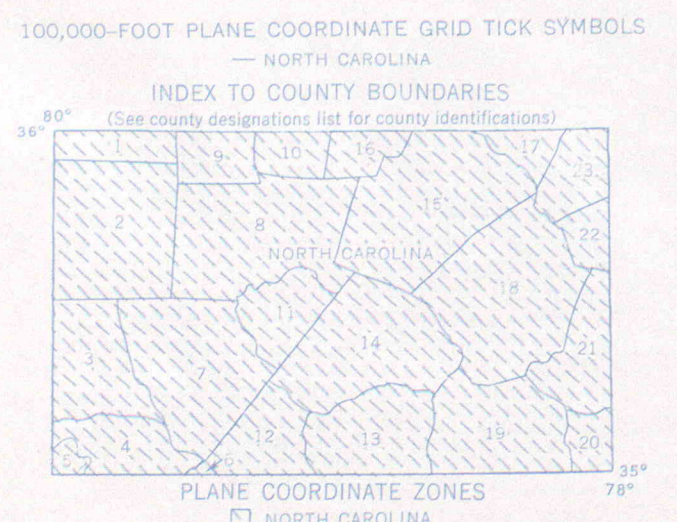


Rate prepared by the U. S. Army Topographic Command (TPCAM), Washington, D. C., compiled in 1953 by photogrammetric methods and from United States Coast and Geodetic Survey, Corps of Engineers, 1:62,500, 1:125,000, U. S. Geological Survey, Corps of Engineers, 1:50,000-500, County Highway Maps, 1:62,500, 1:125,000. Photogrammetric data revised by photogrammetric methods. Control by USCGS, USGS, and CE. Map field checked, 1953.



**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 from one end only  
Line of triangulation observed from both ends only  
Measured Length - Electronic or Taped  
Tie 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 brown, may be obtained from Geodesy Division, NOAA, Rockville, Maryland 20852.

Scale 1:250,000  
0 5 10 15 20 25 30 Statute Miles  
0 5 10 15 20 25 30 Kilometers

**TRANSVERSE MERCATOR PROJECTION LOCATION DIAGRAM FOR N 17-3**

**LEGEND ROAD DATA 1953**

ROADS	RAILROADS	LANDMARKS
Hard surface, heavy duty	Standard gauge	School, Church, Other
Two lanes wide, Federal route marker	Narrow gauge	Spot elevation in feet
Hard surface, medium duty	Interurban	Marsh or swamp
Two lanes wide, State route marker	County	Intermittent or dry stream
Improved light duty	State	Power line
Unimproved dirt	County	
Trail	Park or reservation	

**COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION**

INDEX TO COUNTY BOUNDARIES

35 079 4	35 079 1	35 078 4	35 076 1
35 079 3	35 079 2	35 078 3	35 078 2

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

**GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION**

INDEX TO COUNTY BOUNDARIES

80	81	82	83	84	85	86	87	88	89	90
184	183	182	181	180	179	178	177	176	175	174

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

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

# INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the  
 Coast and Geodetic Survey

QUADS 350781-2-3-4 & 350791-2-3-4  
 NC  
 LATITUDE 35° 00' TO 36° 00'  
 LONGITUDE 78° 00' TO 80° 00'  
 DIAGRAM NI 17-3 RALEIGH

KEY NO.	STATION NAME	QUAD NO.	STATION NO.	KEY NO.	STATION NAME	QUAD NO.	STATION NO.
1	DURHAM			8	PORT		
2	DURHAM MIDDLE BASE			8	PORT AZI MK		
2	CONCRETE (NCGS)			8	THORNTON (NCGS)		
2	MIX (NCGS)			9	RALEIGH TV STATION WUMC MAST		
3	CARY HIGH			9	STATE COLLEGE		
3	CARY HIGH 2			10	GOLDSBORO ECC RM 4		
3	CARY			11	GOLDSBORO ECC		
3	CARY RM			12	DURHAM CHESTERFIELD CIGARETTE FACTORY ALUMINUM TANK		
3	DRY (NCGS)			13	E DURHAM LUCKY STRIKE TOBACCO STORAGE NE WATER TANK		
3	WALNUT (NCGS)			13	E DURHAM LUCKY STRIKE TOBACCO STORAGE SW WATER TANK		
3	WALKER (NCGS)			13	MEEKS (NCGS)		
3	PEELE (NCGS)			13	MURRAY (NCGS)		
4	RALEIGH			14	APEX		
4	RALEIGH 2			15	CARY MUNICIPAL WATER TANK FETNER		
4	RALEIGH RM			15	ACADEMY (NCGS)		
4	RALEIGH CAROLINA HOTEL REVOLING RED BEACON			15	BLOCK (NCGS)		
4	RALEIGH EDONTON METHODIST CHURCH TALL SPIRE			16	RALEIGH DIX HILL STATE HOSPITAL BRICK STACK		
4	RALEIGH LONGITUDE			17	RALEIGH N CAROLINA STATE COLLEGE BRICK STACK		
4	RALEIGH BAPTIST CHURCH SPIRE			17	MIGNON (NCGS)		
4	INSURANCE (NCGS)			18	NEW BERN (NCGS)		
4	EDENTON (NCGS)			18	MARSHBURN (NCGS)		
4	BUFFALOE (NCGS)			19	RALEIGH MEREDITH COLLEGE TALL BRICK STACK		
4	SIR WALTER (NCGS)			19	RALEIGH MEREDITH COLLEGE BLACK WATER TANK BALL ON TOP		
4	AUDITORIUM (NCGS)			20	CLAYTON AIRWAY BEACON GREEN AND WHITE FLASHING		
4	MARTIN (NCGS)			20	CLAYTON E MUNICIPAL WATER TANK		
5	CLAYTON			21	CLAYTON LIBERTY COTTON MILLS WATER TANK		
5	CLAYTON RM 4			22	WENDELL BLACK WATER TANK		
5	DITCH (NCGS)			23	SMITHFIELD MUNICIPAL WATER TANK		
6	CARPENTER			24	SMITHFIELD COTTON MILL YELLOW BRICK STACK		
6	CARPENTER RM 2			25	GOLDSBORO STATE HOSPITAL STACK		
6	HURST (NCGS)			26	SILER CITY STATE FOREST LOT		
6	LOG (NCGS)			26	SILER CITY FARMERS EXCHANGE RADIO MAST		
6	TANGENT (NCGS)			27	JONESBORO		
7	TIPPERS			27	JONESBORO 2		
7	TIPPERS RM 4			27	JONESBORO 2 RM 3		
7	BAYLEAF LOT			28	LEMON		
7	SIX FORKS (NCGS)			29	FOCH		
7	SIX (NCGS)			29	FOCH A		
8	AIRPORT			29	SOUTHERN PINES CONGREGATION CHURCH SPIRE		
8	RALEIGH AIRWAY BEACON FLASHING GREEN AND WHITE			29	BM U 10		

U. S. DEPT. OF COMMERCE  
 COAST AND GEODETIC SURVEY  
 WASHINGTON, D. C.  
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**INDEX TO  
 NUMBERED HORIZONTAL CONTROL STATIONS**  
 by the  
 Coast and Geodetic Survey

Page 2  
 QUADS 350781-2-3-4, 350791-2-3-4  
 NC  
 LATITUDE 35 00' TO 36 00'  
 LONGITUDE 78 00' TO 80 00'  
 DIAGRAM NI 17-3 RALEIGH

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.	KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
30	SANFORD			47	HAYNES (NCGS)		
31	SWAN			47	STUTTS (NCGS)		
31	SWAN RM 1			47	HARVEY 2 (NCGS)		
31	SWAN ECC			48	LEMON B		
32	MT OLIVE ALUMINUM MUNICIPAL WATER TANK			49	LAKEVIEW A		
33	WARSAW ALUMINUM WATER TANK			49	LAKEVIEW		
34	MARSTON			49	GUYNEMER A		
34	MARSTON TRAINING SCHOOL BLACK WATER TANK			50	FONCK		
35	MONCURE			51	NIAGARA D		
36	DOD			51	NIAGARA C		
36	CARY TAYLOR BISCUIT CO WATER TANK			52	NIAGARA		
36	TAYLOR (NCGS)			52	NIAGARA A		
36	PAUL (NCGS)			52	NIAGARA WATER TANK		
37	THOMPSON			53	VASS WHITE STEEPLE SHINGLE		
37	THOMPSON AZI MK			54	ABERDEEN SEABOARD AIRLINE RR SEMAPHORE		
37	SEYMOUR (NCGS)			54	ABERDEEN		
38	PRINCE			54	ABERDEEN SEABOARD AIRLINE RR WATER TANK		
38	PRINCE ECC (USE)			55	HUFFMAN SEABOARD AIRLINE RR SEMAPHORE		
38	PTS 18 (USGS)			56	POND A		
38	PRINCE A			56	POND		
38	PRINCE MILITARY (USE)			56	KEYSER A		
39	PINE			57	RICHMOND		
39	FAYETTEVILLE J			58	SKYLINE		
39	FAYETTEVILLE RADIO STATION WFNC MAST			58	SKYLINE RM 2		
39	RUDOLPH (NCGS)			59	GADDYS		
40	FAYETTEVILLE			60	POLLY RAY		
40	FAYETTEVILLE A			60	POLLY RAY AZI MK		
40	PULP (NCGS)			61	MAC RIDGE		
40	MAC (NCGS)			61	BM 354 (USE)		
41	SPOUT SPRINGS D			62	MONROE		
41	SPOUT SPRINGS C			62	BM 486 (USGS)		
42	PRINCE F			62	FORT BRAGG MICROWAVE TELEPHONE TOWER		
42	PRINCE G			63	FORT BRAGG DIVISION TANK		
43	PRINCE B			64	VAUGHN		
44	FAYETTEVILLE I			64	(BM USGS) VAUGHN		
45	FAYETTEVILLE C			65	FORT BRAGG MAIN WATER TOWER		
45	FAYETTEVILLE WATER TANK			66	LATHAM		
45	FAYETTEVILLE E MUNICIPAL WATER TANK			67	NEWTON		
45	HORNE (NCGS)			68	DURHAM N BASE		
46	BROOK			68	PLATFORM (NCGS)		

