

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

35-078-12
KENLY QUADRANGLE
143 NORTH CAROLINA
N3530-W7800/15
DIAGRAM NI 17-3
RALEIGH

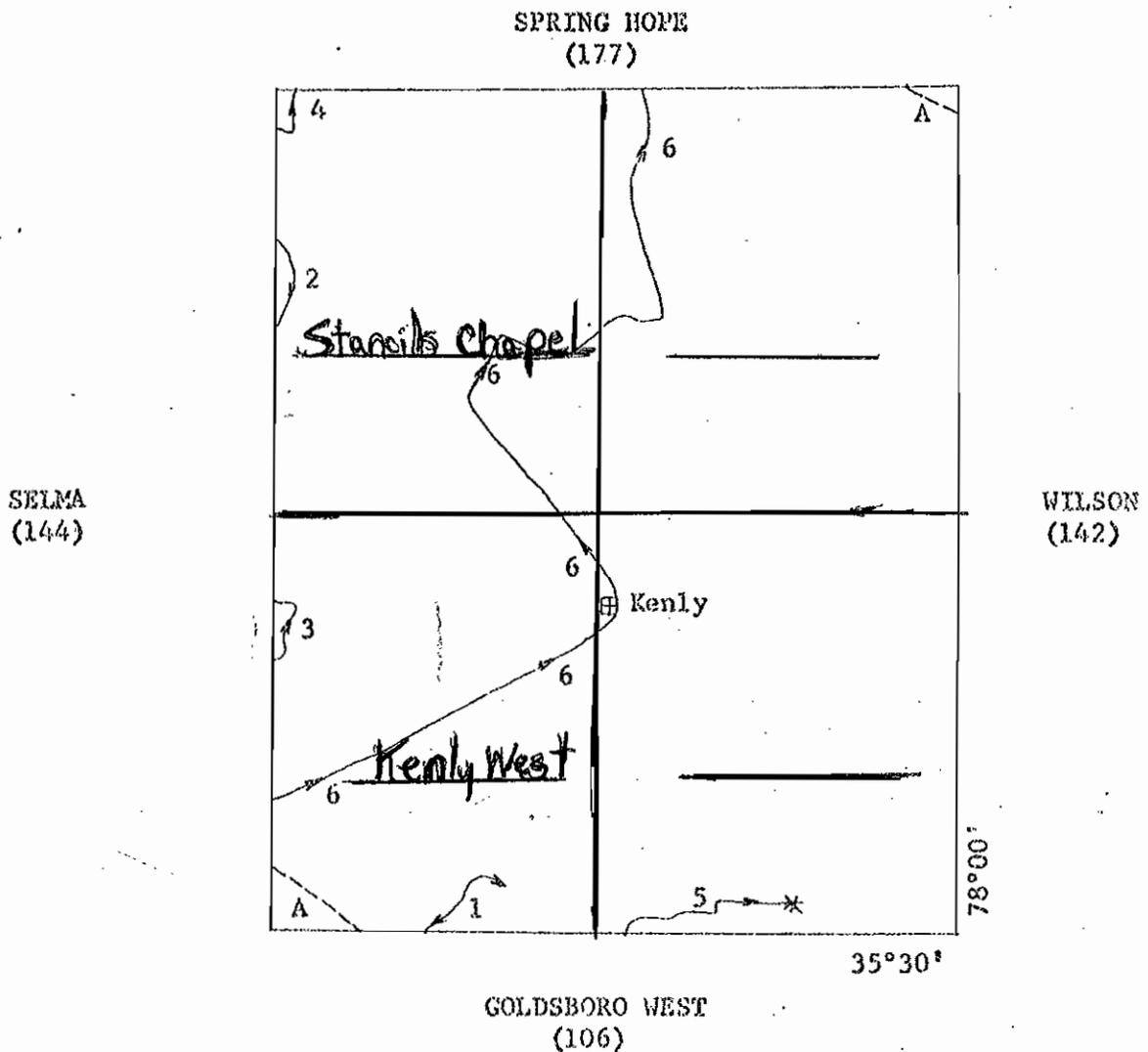
Johnston, Nash, Wayne, and Wilson
Counties

Final adjustment of 1975

Edition of 2/27/76

PR: WSM/ale

NGVD 29
Elevations



NCS (USCGS) VERTICAL CONTROL DATA

A. Quadrangle 350781

*Tied to USCE

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NGVD 29
Elevations

1960

LINE 1.

Feet

By D. R. Deane, 1960; Book AV 816

- | | | | | |
|----|---|------|---|---------|
| 18 | 6 | 3.00 | Pine Level, 2.5 mi SE. of, along U. S. Highway 70-A, thence 2.4 mi NE.; 12 ft NW. of, and 1 ft higher than centerline of rd.; in SW. end of NW. wheelguard of concrete bridge over Little Creek; standard tablet stamped "159 DRD 1960 125" (<u>Reported destroyed, 1974</u>) | 125.087 |
| 18 | 8 | 4.25 | Raines Crossroads, 1.0 mi W. of; 3.0 mi N. of Princeton; 590 ft SW. of bridge over Little River (downstream); 12 ft N. of, and 2 ft higher than centerline of rd.; 10 ft SW. of gage well; in concrete post; standard gaging station reference mark tablet stamped "ELEV 119" | 119.357 |
| 18 | 8 | 4.25 | Reference mark; 590 ft NE. of tablet (upstream); 15 ft SW. of, and level with rd.; on SW. end of NE. bridge abutment; chiseled square | 124.265 |

LINE 2.

By D. R. Deane, 1960; Book AV 816

- | | | | | |
|----|----|------|--|---------|
| 15 | 48 | 9.55 | Emit, 3.6 mi S. of, along State Highway 39; in sidewalk at SW. end of bottom step of front entrance to Antioch Church; standard tablet stamped "89 DRD 1960 268" | 267.630 |
|----|----|------|--|---------|

LINE 3.

By D. R. Deane, 1960; Book AV 816

- | | | | | |
|----|----|------|--|---------|
| 20 | 15 | 4.90 | Selma, 2.0 mi NE. of, along U. S. Highway 301, thence 1.0 mi N., thence 1.0 mi NW.; 11.0 mi S. of Emit; 42 ft N. and 34 ft W. of, and level with drive W.; in N. end of bottom step at front entrance to Lillians Beauty Shop; standard tablet stamped "97 DRD 1960 200" | 199.708 |
|----|----|------|--|---------|

LINE 4.

By D. R. Deane, 1960; Book AV 816

There are no permanent marks on this line in this quadrangle.

1974

LINE 5.

Feet

By Bobby R. Parker, 1974; Book AV 1692

NGVD 29
Elevations

1	7	3.95	Princeton, 2.8 mi NE. of post office, along County Road 1002, thence 1.2 mi N. along County Road 2354; 195 ft NE. and 27 ft NW. of, and 3 ft higher than centerline of rd. at rd. E.; 1 ft SE. of fence corner; in concrete post; standard tablet stamped "3 BRP 1973 158"	157.844
1	8	4.29	U.E., centerline of rd. at rd. N., painted "CL 158.2"	158.18
1	9	5.71	Princeton, 2.8 mi NE. of post office, along County Road 1002, thence 1.2 mi N. along County Road 2354, thence 1.8 mi E. along County Road 2370; 0.6 mi W. of Nahunta, along County Road 1336, thence 0.3 mi SW. along County Road 1334; 23 ft N. and 36 ft E. of, and 0.2 ft lower than crossroads; in concrete base of sign at store of Cecil Thomas; standard tablet stamped "4 BRP 1973 161"	161.299
1	10	6.63	Azimuth mark, 0.35 mi W. of triangulation station; 37 ft N. of center of dirt rd.; 2 ft SE. of white witness post; in concrete post projecting about 4 in.; NGS standard azimuth mark disk stamped "NAHUNTA 1949"	150.972
1	11	7.00	Nahunta, about 4.0 mi S. of junction of State Highways 222 and 681; on lawn of Nahunta High School; 85 ft SE. of intersection of State Highway 581 and dirt rd.; 56 ft E. of center of Highway 581; 26 ft E. of white witness post; 25 ft W. of NW. corner of NW. wing of school building; in concrete post projecting about 2 in.; NGS standard triangulation station disk stamped "NAHUNTA 1949"	148.664
1	12	7.02	Nahunta; 34 ft E. of hwy.; 31 ft S. of sidewalk leading to school; in concrete post flush with ground; North Carolina Geodetic Survey standard disk stamped "754"	148.409
1	13	7.75	Pikeville, 4.6 mi W. of post office, along paved street and dirt rd. bearing right at 1.4 mi to intersection of dirt rds., thence 0.4 mi N. along dirt rd.; 30 ft E. of centerline of dirt rd.; in concrete post projecting above ground; Corps of Engineers standard disk stamped "30NC-1/3TT-A-58/26 1942"	154.550

1975

LINE 6.

Feet

By R. L. Meador, 1975; Book AV 1708

1	3	1.91	Selma, 0.7 mi SE. of Southern Railroad station, thence 1.9 mi NE. along Interstate 95; at NW. corner of bridge (County Road 1001) over Interstate 95; 21 ft NNE. of centerline of W. end of bridge; 3.5 ft NW. of NW. end of concrete bridge guardrail; 10.5 ft ESE. of second metal post for metal guardrail; in concrete post 2 in. below surface of ground; North Carolina Geodetic Survey standard disk stamped "LIZZIE 1967"	194.569
1	4	2.77	U.E., centerline of T-rd. N. (County Roads 2381 and 2392)	177.72
1	5	3.66	Selma, 0.7 mi SE. of Southern RR. station, thence 3.6 mi NE. along Interstate-95; in NE. quadrant formed by County Roads 2137 and Interstate 95; 31.5 ft NE. of centerline of W. end of bridge; 15 ft E. of centerline of rd.; 18 ft N. of NW. end of concrete guardrail; in concrete post 2 in. below surface of ground; NCGS standard disk stamped "PITTMAN 1967"	200.614
1	6	4.89	Mirco, 0.5 mi S. of junction of U. S. Highway 301 and County Road 2130; 25 ft NNE. of centerline of N. end of bridge; 15 ft NE. of centerline of rd.; 20 ft NW. of NW. end of concrete bridge guardrail; in concrete post 2 in. below surface of ground; NCGS standard disk stamped "NORTH 1967"	210.119
1	7	5.77	Micro, 0.5 mi S. of junction of U. S. Highway 301 and County Road 2130, thence 0.9 mi NE. along Interstate-95; 93 ft SW. of SW. post for center bridge support of County Road 2141; 17 ft NW. of northbound lane; 36 ft SE. of centerline of southbound lane; in median strip; in concrete post 2 in. below surface of ground; NCGS standard disk stamped "PRINCE 1967"	183.555

NGVD 29
Elevations

LINE 6 (Cont'd.)Feet

1	8	7.10	Kenly, 3.2 mi SW. of junction of U. S. Highway 301 and State Highway 222, along Highway 301 and Interstate-95; at second exit SW. of Kenly; 24 ft SW. of centerline of S. end of bridge; 17 ft WSW. of centerline of rd.; 6.5 ft SSE. of SW. corner of concrete curb; 14 ft S. of SW. end of concrete bridge guardrail; in concrete post 1 in. below surface of ground; NCGS standard disk stamped "BAGLEY 1967"						177.060
1	9	8.53	U.E., centerline of northbound lane of Interstate-95 under centerline of bridge (County Road 2399)						203.85
1	10	9.47	Kenly, 0.8 mi SW. of junction of U. S. Highway 301 and State Highway 222; 4 ft SW. of SW. end guardrail of northbound lane of bridge over RR. tracks; in concrete backwall between two bridges; standard tablet stamped "1 MEA 1975 218"						217.950
1	11	10.28	U.E., in centerline of junction of U. S. Highway 301 and State Highway 222; nail and bottle cap						197.02
1	12	10.66	U.E., in centerline of crossroads; nail and bottle cap						197.39
1	13	11.47	Kenly, 1.2 mi NW. of junction of U. S. Highway 301, along State Highway 222; 70 ft SE. and 14 ft W. of, and 0.2 ft lower than T-rd. W. (County Road 2162); in concrete post 2 in. below surface of ground; NCGS standard disk stamped "ROBBIE 1972"						188.259
1	14	12.42	U.E., in centerline of T-rd. (Junction of State Highway 222 and County Road 2161); nail and bottle cap						176.09
1	15	13.41	Kenly, 3.1 mi NW. of junction of U. S. Highway 301, along State Highway 222; 83 ft S. and 50 ft W. of, and 1.4 ft lower than centerline of crossroads; 47 ft SE. of NE. corner of store of A. G. Lee; 1.7 ft W. of power pole; in concrete post projecting 2 in. above ground; standard tablet stamped "2 MEA 1975 191"						191.194

NGVD 29
Elevations

NGVD 29
ElevationsLINE 6 (Cont'd.)Feet

1	16	14.91	U.E., centerline of T-rd. SW. at offset crossroads (County Road 2158)	192.92
1	17	15.57	Kenly, 4.3 mi NW. of junction of U. S. Highway 301, along State Highway 222; 1.6 mi S. of Moores Schoolhouse crossroads; 31 ft SW. of Highway 222; 34 ft E. of centerline of County Road 2110; 17.8 ft WNW. of E. end of culvert under entrance to garden; in concrete post flush with ground; NCGS standard disk stamped "CLEON 1972"	192.687
1	18	16.66	Moores Schoolhouse Crossroads, 0.5 mi S. of; 132 ft NE. and 28 ft SE. of, and 0.7 ft higher than T-rd. W.; in concrete post projecting 6 in.; NGS standard triangulation station disk stamped "LITTLE BUFFALO 1949"	236.957
1	19	17.22	U.E., centerline of crossroads (junction of State Highway 42 and County Road 2110)	207.02
1	20	17.78	U.E., centerline of T-rd. S. (junction of State Highway 42 and County Road 2156)	193.50
1	21	18.49	Moores Schoolhouse Crossroads, 1.2 mi E. of, along State Highway 42; 2.7 mi W. of Buckhorn Crossroads; 28 ft S. and 210 ft W. of, and 1 ft lower than centerline of rd. at drain crossing; 0.1 mi E. of junction of Highway 42 and County Road 1123; in concrete post 3 in. below surface of ground; NCGS standard disk stamped "FIAT 1972"	161.176
1	22	19.02	U.E., centerline of crossroads	196.87
1	23	19.58	U.E., centerline of T-rd. NW. (junction of State Highway 42 and County Road 1125)	194.97
1	24	20.39	Buckhorn Crossroads, 0.8 mi W. of, along State Highway 42; 0.05 mi W. of junction of Highway 42 and County Road 1120; 22 ft N. of, and 0.3 ft higher than centerline of rd. at drive N.; 26 ft W. of 6-in. dogwood tree; 51 ft S. of SE. corner of house; in concrete post 1 in. below ground; NCGS standard disk stamped "NARRON 1972"	190.115

LINE 6 (Cont'd.)NGVD 29
ElevationsFeet

1	25	21.19	Buckhorn Crossroads; 61.5 ft N. of centerline of State Highway 42; 57 ft E. of SE. corner of building; 1.5 ft S. of row of hedges; in concrete 2 in. below ground surface; NGS standard triangulation station disk stamped "BUCKHORN 1949"	192.949
1	26	21.84	U.E., in centerline of T-rd. W. (junction of State Highway 581 and County Road 1143); nail and bottle cap	179.84
1	27	22.13	U.E., centerline of bridge	137.94
WL = 118 ft				
1	28	22.97	Buckhorn Crossroads, 1.8 mi N. of, along State Highway 581; 28 ft S. and 153 ft E. of, and 1.5 ft lower than centerline of crossroads (junction of Highway 581 and County Road 1142); 2.4 ft W. of power pole; in concrete post projecting 4 in.; standard tablet stamped "3 MEA 1975 186"	186.048
1	29	24.53	U.E., in centerline of Y-rd. (junction of State Highway 581 and County Road 1130); nail and bottle cap	257.10
1	30	25.17	Buckhorn Crossroads, 4.0 mi N. of, along State Highway 581; 58 ft S. of, and 2.6 ft higher than centerline of crossroads (Highway 581 and County Road 1129); 6 ft E. of power pole; in concrete post projecting 4 in.; standard tablet stamped "4 MEA 1975 263"	262.833
1	31	25.72	U.E., centerline of rd. at drain crossing	228.35
1	32	26.07	U.E., in centerline of crossroads (State Highway 581 and County Road 1132); nail and bottle cap	250.56