

152

4TH-ORDER LEVELING  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

35-080-13  
SALISBURY QUADRANGLE  
NORTH CAROLINA  
N3530-W8015/15  
DIAGRAM NI 17-2  
CHARLOTTE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Cabarrus, Davidson and  
Rowan Counties

Final adjustment of 1975

Edition of 3/3/78

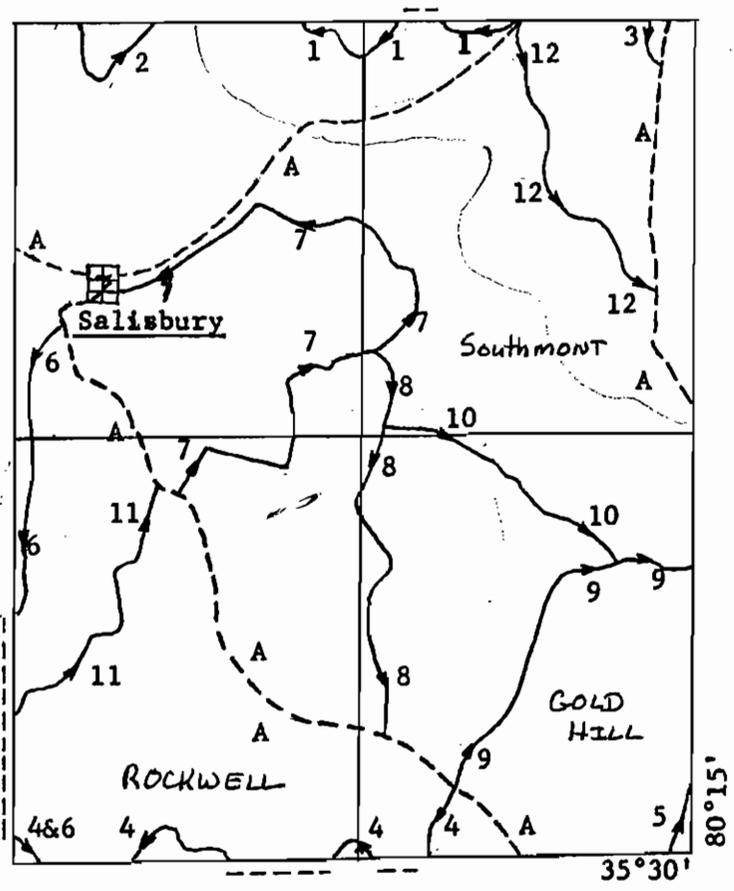
PR: WSM/sws

NGVD 29  
Elevations

LEXINGTON  
(186)

CHINA GROVE  
(153)

DENTON  
(151)



MT. PLEASANT  
(115)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 350801

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NGVD 29  
Elevations

## ISOLATED BENCH MARKS (By W. C. Hall, 1897; Books 5016, 5017)

Feet

Salisbury; at SW. corner of courthouse; standard tablet stamped "765"

764.128

NGVD 29  
ElevationsLINE 1.

By W. S. Monk, 1949; Book AV 136

Spencer, 6.0 mi NE. of, along U.S. Highways 29-70 and 52; 52 ft SW. of T-rd. junction; 36 ft NW. of center of paved rd.; 8 ft W. of white witness post; in concrete post; NGS standard triangulation station disk stamped "POTTS 1948" (Not found, 1960)

767.255

Reference mark No. 1; 80 ft SW. of station; 57 ft S. of telephone pole; 35 ft NW. of center of paved rd.; in concrete post; NGS standard reference mark disk stamped "POTTS NO 1 1948"

765.752

Reference mark No. 2; 90 ft NW. of station; 43 ft SW. of center of T-rd.; 24 ft SW. of 36-in. oak tree; 5 ft NE. of powerline pole; in concrete post; NGS standard reference mark disk stamped "POTTS NO 2 1948"

770.411

Linwood Depot, 4.8 mi SW. of; 4.8 mi S. of Tyro; 25 ft S. and 20 ft W. of rd. junction of State Highway 150 and old rd. N. to Tyro; at residence of Mr. Swicegood; in concrete post; standard tablet stamped "95 WSM 1949 786"

786.344

Reference mark; 4 ft S. and 5 ft E. of tablet; in root on W. side of 16-in. oak tree; copper nail and washer

786.39

LINE 2.

By W. S. Monk, 1949; Book AV 136

Davie Crossroads, 6.5 mi S. of, along U.S. Highway 601, thence 2.9 mi SE. of, along old Mocksville-Salisbury Highway; 4.4 mi SW. of Jubilee; 370 ft NW. of NW. corner of Mt. Tabor Church; 40 ft E. of rd.; 14 ft E. of power pole; in concrete post; standard tablet stamped "127 WSM 1949 725" ROWAN Co.

724.651

Reference mark; 12 ft N. of tablet; in root on W. side of 7-in. oak tree; copper nail and washer

723.99

Mt. Tabor Church, 0.6 mi SW. of, thence 1.1 mi SE.; at junction of South Yadkin and Yadkin Rivers; on W. bank of river; in N. end of concrete intake for Salisbury water supply; standard tablet stamped "128 WSM 1949 628" 88 - Present, LWS

628.530

Reference mark; 15 ft S. of tablet; in root on NW. side of 24-in. willow tree; copper nail and washer

627.92

1949

LINE 3.

Feet

By W. S. Monk, 1949; Book AV 136

"Y 96 1935" (NGS)

754.342

NGVD 29  
Elevations

LINE 4.

By W. D. Leech, 1955; Book AV 458

"U 49 1933" (NGS) (Reported destroyed, 1958)

759.171

Gold Hill, 2.0 mi S. of, thence 2.0 mi W.; 13 ft S. and 26 ft W.  
of junction of T-rd. E.; in concrete post; standard tablet  
stamped "WDL 59 1955 716" *Not Found 5/2000 TRW*

715.525

Reference mark; 125 ft W. of tablet; on N. end of concrete pipe  
under rd.; chiseled square

706.37

Jogs into Mt. Pleasant quadrangle

Rockwell, 3.7 mi S. of; 540 ft E. of junction of T-rd. E.; 30 ft  
N. of rd.; in concrete post; standard tablet stamped  
"WDL 61 1955 779" *Good 5/2000 TRW*

778.896

Reference mark; 10 ft NW of tablet; in S. root of 12-in. oak tree;  
copper nail and washer

779.13

Rockwell, 3.7 mi S. of, thence 1.8 mi W.; 70 ft S. of rd. fork SW.;  
9 ft W. of telephone pole; in concrete post; standard tablet  
stamped "WDL 62 1955 803"

802.772

Reference mark; 330 ft S. of tablet; 30 ft E. of rd.; in root of  
8-in. persimmon tree; copper nail and washer

796.26

Jogs into Mt. Pleasant quadrangle

U.E., at SE. corner of bridge; on wingwall; chiseled square

691.52

LINE 5.

By W. D. Leech, 1956; Book AV 458

Richfield, 3.0 mi N. of; 0.7 mi S. of Luthers Evangelical Lutheran  
Church; 800 ft N. of residence of T. A. Griffin; 26 ft E. of  
centerline of rd.; in concrete post; standard tablet stamped  
"TT 36 HF 1948 653"

652.587

LINE 5 (Cont'd.)FeetReference mark; 25 ft SE. of tablet; in root of 8-in. oak tree;  
copper nail and washer

651.70

LINE 6.NGVD 29  
Elevations

By D. R. Deane, 1958; Book AV 646

1 1 0.00 "J 49 1933" (NGS) 754.086

1 6 3.33 Salisbury, 2.1 mi SW. of, along Main Street to  
Ritchie Road, thence 1.0 mi S. along Ritchie  
Road to Y-rd., thence 0.4 mi SE. to hwy. bridge  
over U.S. Highway 29; in NE. wingwall of bridge;  
standard tablet stamped "27 DRD 1958 779" 778.6091 6 3.33 Reference mark; on NW. wingwall of hwy. bridge  
over U.S. Highway 29; chiseled square 778.59Rockwell, 4.0 mi W. of, along State Highway 152 to  
crossroads (Phaniels Church Road S.); 60 ft N. and  
64 ft W. of intersection; 34 ft NW. of signpost  
"Happy Lake"; in concrete post; standard tablet  
stamped "30 DRD 1958 843" (Reported destroyed, 1969) 843.469Reference mark No. 1; on W. side of signpost  
"Happy Lake"; on top of concrete base 842.06Reference mark No. 2; 40 ft N. of centerline of  
hwy.; in root on NE. side of large oak tree;  
copper nail and washer 842.081 10 5.71 South Salisbury, 2.3 mi SW. of, along U.S. Highway  
29 from intersection with U.S. Highway 52 to  
Julian Road, thence 0.9 mi W. to crossroads,  
thence 1.5 mi SW. to T-rd. SE.; 46 ft S. and 22  
ft W. of T-rd.; in N. end of rock wall; standard  
tablet stamped "28 DRD 1958 829" 828.7341 10 5.71 Reference mark; 26 ft N. of tablet; in S. root  
of large oak tree; copper nail and washer 828.91LINE 7.

By D. R. Deane, 1958; Book AV 646

1 27 0.00 "N 49 1933" (NGS) 830.527

1 31 2.10 Granite Quarry, 1.7 mi NE. of intersection of U.S.  
Highway 52 and Dunn Mt. Road, along Dunn Mt. Road  
to crossroads, thence 0.4 mi SE. along Stokes  
Ferry Road; 46 ft SE. and 100 ft NE. of drive SE.  
to old frame house; 45 ft SE. of centerline of  
rd.; 16 ft SE. of wooden fence; in top of small  
granite rock outcrop; standard tablet stamped  
"32 DRD 1958 833" 833.129

LINE 7 (Cont'd.)Feet

1	33	3.39	U.E., at intersection of Stokes Ferry and Union Church Roads; on W. end of N. headwall of culvert; chiseled square	685.37
1	35	4.63	U.E., at T-rd. entrance to Crystal Pink Granite Quarry; on S. corner of granite post at entrance; chiseled square	682.089
1	36	5.16	South Salisbury, 0.9 mi NE. of, along U.S. Highway 29 by-pass from intersection with U.S. Highway 52, thence 2.5 mi SE. of T-rd. S. and Union Evangelical Church; on E. side of drinking fountain in front yard of church; in concrete foundation; standard tablet stamped "33 DRD 1958 750.1"	750.092
1	36	5.16	Reference mark; 24 ft SE. of tablet; at SW. base of large oak tree; copper nail and washer	750.03
1	40	7.66	Spencer, 4.6 mi E. of, along Long Ferry Road from intersection with U.S. Highway 70, thence 2.0 mi S. to T-rd. intersection; 29 ft W. and 28 ft S. of drive S. to residence of J. C. Goodman; 16 ft NE. of NE. corner of garage; 10 ft NE. of power pole; in concrete post; standard tablet stamped "34 DRD 1958 656"	655.650
1	40	7.66	Reference mark No. 1; in E. root on pecan tree in front yard of residence; copper nail and washer	654.19
1	40	7.66	Reference mark No. 2; in E. root of maple tree; copper nail and washer	654.60
1	41	8.69	U.E., on NE. abutment of bridge over Rock Lake; chiseled square	631.64
1	43	10.23	Spencer, 4.0 mi E. of, along Long Ferry Road from intersection with U.S. Highway 70; in N. corner of first step at entrance to Trading Ford Baptist Church; standard tablet stamped "35 DRD 1958 721"	720.794
1	43	10.23	Reference mark; on N. end of brick and granite memorial board; on top of granite slab	721.26
1	45	11.56	U.E., at intersection of Trading Ford and Long Ferry and Leonard Roads; on NE. corner of easternmost concrete base of gas pump at Texaco service station; chiseled square	733.54
1	48	13.26	Spencer, 1.1 mi E. of, along Long Ferry Road to bridge over U.S. Highway 70 (I-85); in SE. wingwall; standard tablet stamped "36 DRD 1958 722"	721.924
1	48	13.26	Reference mark; on NE. wingwall of hwy. bridge; chiseled square	721.90

LINE 7 (Cont'd.)Feet

1	52	16.19	Salisbury, 1.7 mi NE. of, along Southern RR. from station; in NE. corner of semaphore number 332.0; standard tablet stamped "37 DRD 1958 751"	751.009
1	54	17.88	"J 49 1933" (NGS) (Also in line 6)	754.086

LINE 8.NGVD 29  
Elevations

By D. R. Deane, 1958; Book AV 646

1	56	0.00	"34 DRD 1958 656" (Described in line 7)	655.650
1	59	1.90	Salisbury, 3.0 mi E. of, along Bringle Ferry Road to Providence Methodist Church; on E. side of of front entrance to church; in N. end of first step; standard tablet stamped "38 DRD 1958 732"	731.634
1	59	1.90	Reference mark; 100 ft SW. of tablet; on SW. corner of granite post at end of sidewalk	729.50
1	63	4.48	Salisbury, 0.3 mi SE. of, along U.S. Highway 52 from intersection with U.S. Highway 29 (By-pass) to Stokes Ferry Road, thence 5.9 mi SE. along Stokes Ferry Road to Trexler Road; 130 ft SE. and 20 ft SW. of junction; in center of old concrete culvert about 3 ft lower than rd. level; standard tablet stamped "39 DRD 1958 682"	681.991
1	63	4.48	Reference mark; center of concrete base supporting gas pumps at Souther gas station; chiseled square	684.88
1	64	5.26	U.E., 200 ft W. and 20 ft S. of crossroads (Stokes Ferry and St. Peter Church Roads); on E. end of S. headwall of culvert; chiseled square	679.45
1	67	6.52	Salisbury, 0.3 mi SE. of intersection of U.S. Highway 29 by-pass, along U.S. Highway 52, thence 6.8 mi SE. along Stokes Ferry Road, thence 1.1 mi S. along St. Peters Church Road to Gold Knob Road; 98 ft W. and 54 ft S. of junction; in side yard of residence; top of granite outcrop; 2 ft above ground level; standard tablet stamped "40 DRD 1958 723"	723.235
1	67	6.52	Reference mark; 45 ft SE. of tablet; 5 ft NE. of power pole; on top of rock outcrop; chiseled square	718.85

LINE 8 (Cont'd.)Feet

1	71	8.33	Azimuth mark; 0.7 mi N. of station; 100 ft W. of frame house; 20 ft E. of graveled rd.; 5 ft E. of mailbox; 4 ft E. of white witness post; in concrete post; NGS standard azimuth mark disk stamped "GOLD 1948"	713.779
7	72	9.09	Gold Hill, 2.0 mi N. of; 3.0 mi SE. of Rockwell; on property owned by Harry Casper; 191 ft E. of center of graveled rd.; 42 ft N. of 10-in. cedar tree; 27 ft N. of NW. corner of barn; 5 ft SW. of white witness post; in concrete post; NGS standard triangulation station disk stamped "GOLD 1948"	755.133
1	72	9.09	Reference mark No. 2; 28 ft S. of station; 16 ft NE. of 10-in. cedar tree; 3 ft SW. of NW. corner of barn; in concrete post; NGS standard reference mark disk stamped "GOLD NO 2 1948"	755.250
1	72	9.09	Reference mark No. 1; 34 ft E. of station; 28 ft NE. of NE. corner of barn; 1 ft S. of fenceline; in concrete post; NGS standard reference mark disk stamped "GOLD NO 1 1948"	755.505
1	75	10.90	"S 49 1933" (NGS)	698.279

LINE 9.

By D. R. Deane, 1958; Book AV 646

2	5	0.00	"T 49 1933" (NGS)	764.500
2	11	4.23	Gold Hill, 0.5 mi NE. of, along Liberty Road to Morgan Road, thence 3.5 mi NE. along Morgan Road to Stokes Ferry Road; 42 ft NE. of intersection; 30 ft SE. of SE. corner of Shell service station; 3 ft N. of Shell signpost; in concrete post; standard tablet stamped "42 DRD 1958 676"	675.772
2	11	4.23	Reference mark; SW. corner of concrete base supporting Shell gas sign	675.42
2	16	6.86	High Rock, 3.0 mi W. of, along Bringle Ferry Road to Panther Creek Road SW.; 90 ft SW. and 38 ft NW. of junction; 40 ft N. of N. corner of wooden gate; in flat soapstone rock outcrop; standard tablet stamped "43 DRD 1958 630"	630.184

1958

LINE 9 (Cont'd.)

LINE 10.

Feet

NGVD 29  
Elevations

By D. R. Deane, 1958; Book AV 646

2	23	0.00	"38 DRD 1958 732" (Described in line 7)	731.634
2	27	2.30	Salsibury, 5.2 mi SE. of, along Brignle Ferry Road to T-rd. NE. (Clark Road); 100 ft SE. of intersection; in E. end of first step at front entrance to Agner's residence; standard tablet stamped "44 DRD 1958 714" <b>DESTROYED</b> <u>6/83</u> <b>REPLACED PROPERTY OWNER STEPS</b>	714.080
2	27	2.30	Reference mark; 60 ft NW. of tablet; 20 ft SE. of centerline of drive; in NE. root of large oak tree; copper nail and washer	712.67
2	30	3.79	U.E., on SE. abutment of bridge over High Rock Lake; chiseled square	631.67
2	34	6.10	"43 DRD 1958 630" (Described in line 9)	630.184

LINE 11.

By D. R. Deane, 1958; Book AV 646

2	37	1.00	U.E., at crossroads; NW. corner of base of W. gas pump at Amoco service station; chiseled square	857.76
2	39	2.18	Rockwell, 4.0 mi W. of, along State Highway 152 to Castor Road N., thence 2.2 mi N. along Castor Road; 85 ft NE. and 50 ft SE. of drive W.; in top of large granite rock outcrop; standard tablet stamped "45 DRD 1958 888" <u>(Not found, 1960)</u>	887.674
2	40	2.99	U.E., 350 ft E. of Jackson Road S. and 300 ft W. of Faith Road; 48 ft S. of centerline of Castor Road; on W. end of large flat granite rock outcrop; chiseled square	849.39
2	42	4.33	Faith, 0.6 mi S. of, along Faith Road to Rainey Road E., thence 0.7 mi E. along Rainey Road; 34 ft W. and 38 ft N. of drive N.; in concrete post; standard tablet stamped "46 DRD 1958 831"	831.061
2	47	7.58	"N 49 1933" (NGS) (Also in line 7)	830.527

LINE 12.

1958  
NGVD 29  
Elevations

Feet

By D. R. Deane, 1958; Book AV 646

2	51	2.25	Linwood, 2.3 mi S. of, along Southmont-Linwood Road from RR. crossing at rear green frame house; in SE. corner of large concrete well overing; standard tablet stamped "47 DRD 1958 689"	689.271
2	51	2.25	Reference mark; E. end of first step at S. entrance to house; chiseled square	688.03
2	52	3.53	U.E., S. corner of first step at E. entrance to N. wing of wooden church; chiseled square	702.56
2	57	4.75	Linwood, from RR. crossing, 4.8 mi S. along Southmont-Linwood Road; at old service station; in S. end of concrete base of gas pumps; standard tablet stamped "48 DRD 1958 637"	636.664
2	57	4.75	Reference mark; N. end of concrete base for gas pumps; chiseled square	636.73
2	62	7.94	"NC 396" (NGS. & State Survey) (Reported not found, 1960)	668.900