

49

PUBLICATION COPY

3RD ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

34-080-11
WADESBORO QUADRANGLE
49 N.C.-133 S.C.
N3445-W8000/15
DIAGRAM NI 17-5
SPARTANBURG

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Anson County, N.C.; Chesterfield
County, S.C.

Final adjustment of 1970

Edition of 3/23/76

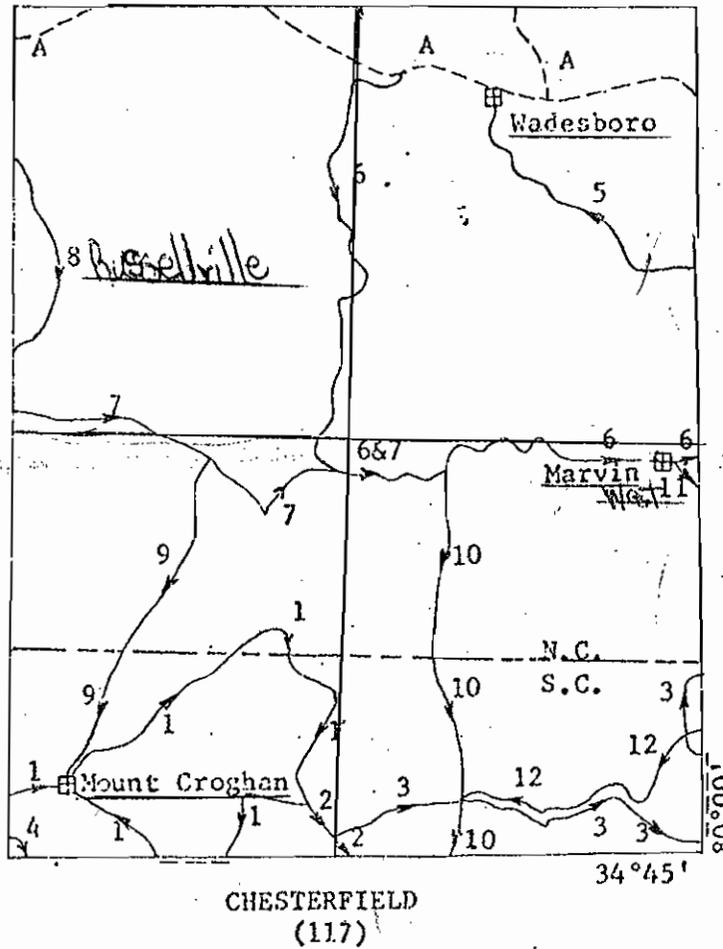
PR: LFB/kp

NGVD 29
Elevations

NORWOOD
(77)

PAGELAND
(50 N.C.-134 S.C.)

ROCKINGHAM
(48 N.C.-132 S.C.)



NGS (USCGS) VERTICAL CONTROL DATA

A. Quadrangle 340801

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
TT 1 H 1934 448	3,3,9	292 HLZ 1969	8
TT 2 H 1934 370	3	294 HLZ 1969	8
TT 3 H 1934 332	3	295 HLZ 1969	8
TT 4 H 1934 307	3	296 HLZ 1969	8
TT 5 H 1934 281	3,3	297 HLZ 1969	9
TT 13 H 1934 207	4	298 HLZ 1969	9
TT 14 H 1934 283	4	299 HLZ 1969	9
21 WSM 1954 340	4	300 HLZ 1969	9
22 WSM 1954 479 <i>DEST - 88</i>	4	301 HLZ 1969	9
23 WSM 1954 518	5	302 HLZ 1969	9
24 WSM 1954 277 <i>Good - 88</i>	5	303 HLZ 1969	10
25 WSM 1954 364	5	304 HLZ 1969	10
26 WSM 1954 504	5	305 HLZ 1969	10
27 WSM 1954 437	6	306 HLZ 1969	10
28 WSM 1954 465	6	307 HLZ 1969	10
29 WSM 1954 456	6,8	1 HLZ 1970	10
30 WSM 1954 323	6,8,10	13 HLZ 1970	11
31 WSM 1954 387	6	14 HLZ 1970	11
32 WSM 1954 370	7	15 HLZ 1970	11
33 WSM 1954 406	7,10	16 HLZ 1970	11
286 HLZ 1969	7		
287 HLZ 1969	7	<u>NGS</u>	
288 HLZ 1969	7		
289 HLZ 1969	7	Y 50 1933	5
290 HLZ 1969	8,9	A 51 1933	5
291 HLZ 1969	8		

NGVD 29
 Elevations

1934

LINE 1.Feet

By C. T. Duke, 1934; Books B6152 and B6155

U.E., Mount Croghan, 1.0 mi W. of; 1.0 mi E. of Taylors Chapel;
20 ft S. of centerline of State Highway 9; on W. end of S.
headwall of culvert; chiseled square

440.22

Mount Croghan; 6 ft S. and 12 ft E. of NE. corner of First
Baptist Church; in frontyard; 87 ft W. of centerline of
Mount Croghan-Wadesboro Road; in concrete post; standard
tablet stamped "TT 1 H 1934 448"

447.342

Mount Croghan, 3.0 mi NE. of; 1.0 mi S. of Mayesville Bridge
over Thompson Creek; 25 ft W. of centerline of county rd.;
on property of Arthur Rivers; 25 ft N. and 30 ft E. of NE.
corner of tenant house; in concrete post; standard tablet
stamped "TT 2 H 1934 370" (Not found, 1971)

369.080

Mount Croghan, 4.5 mi NE. of; 3.1 mi NW. of Griggs Crossroads;
350 ft E. of NE. corner of Mays dwelling; 55 ft N. of Mays
Crossroads; at N.C.-S.C. State line; in concrete post;
standard tablet stamped "TT 3 H 1934 332" (Not found, 1971)

331.353

Griggs Crossroads; 90 ft N. and 123 ft W. of; 9 ft S. and 3
ft E. of SW. corner of tenant house on property of E. G.
and J. C. Griggs; in concrete post; standard tablet stamped
"TT 4 H 1934 307" (Not found, 1971)

305.948

Griggs Crossroads, 3.0 mi S. of; 3.5 mi NE. of Ruby; 6 ft S.
and 3 ft W. of NW. corner of Davidson Grove Church; 60 ft
N. of T-rd. S.; in concrete post; standard tablet stamped
"TT 5 H 1934 281" (Reported destroyed, 1971)

279.983

U.E., Ruby, 1.2 mi NW. of; 2.0 mi SE. of Mount Croghan; 30
ft S. of centerline of State Highway 9; on W. end of N.
headwall of culvert; chiseled square

295.56

Jogs into Chesterfield quadrangle

"TT 1 H 1934 448" (Previously described)

447.342

LINE 2.

By C. T. Duke, 1934; Book B6155

"TT 5 H 1934 281" (Described in line 1)

279.983

NGVD 29
Elevations

1934

LINE 3.Feet

By C. T. Duke, 1934; Book B6155

- Friendship Church, 0.9 mi SW. of; 2.5 mi NW. of Chesterfield; 30 ft N. of centerline of rd.; 90 ft S. of front steps of residence of R. A. Melton; in frontyard; in concrete post; standard tablet stamped "TT 13 H 1934 207" 206.100
- U.E., Friendship Church, 1.2 mi SE. of; 100 ft E. of crossing of Jackson Road and Jimmies Creek; 15 ft S. of centerline of rd.; on top of rock; chiseled square 184.92
- Friendship Church, 2.2 mi SE. of; 2.5 mi W. of Zoar Crossroads; 30 ft S. and 3 ft E. of junction of rd. to Zoar Church and N.-S. rd.; on property of C. W. Rivers; 5 ft W. of 12-in. hickory tree; standard tablet stamped "TT 14 H 1934 283" (Reported destroyed, 1971) 281.954

LINE 4.NGVD 29
Elevations

By C. T. Duke, 1934; Book B6152

(There are no permanent marks in this line in this quadrangle)

LINE 5.

By W. S. Monk, 1954; Book AV 390

- 2 60 16.15 Lilesville, 4.0 mi S. of, thence 1.5 mi W.; 1.0 mi S. of Mt. Beulah Baptist Church; 28 ft N. and 95 ft E. of, and 2.0 ft lower than T-rd. E.; in small boulder; standard tablet stamped "21 WSM 1954 340" 340.191
- 2 59 16.15 Reference mark; 70 ft W. of tablet; 20 ft E. of centerline of rd. fork; on rock outcrop in drain; chiseled square 339.46
- 2 62 17.12 U.E., Mt. Beulah Baptist Church, 180 ft W. of; 40 ft E. of centerline of rd.; in root on W. side of 12-in. oak tree; copper nail and washer 451.80
- 2 65 18.18 Mt. Beulah Baptist Church, 1.1 mi NW. of; 2.5 mi SW. of Wadesboro along rd. to Anson County Home; 15 ft S. and 30 ft W. of, and 3.0 ft higher than junction of drive NE. to Country Club; at SE. corner of steel fence; in concrete post; standard tablet stamped "22 WSM 1954 479" 478.898
- 2 64 18.18 Reference mark; 110 ft SE. of tablet; in root on NE. side of 16-in. oak tree; copper nail and washer 473.00

LINE 5 (Cont'd.)Feet

2	69	20.35	Wadesboro; at Anson County Hospital; 155 ft W. of, and 5.0 ft lower than junction of drive and U. S. Highway 52; 95 ft NW. of NE. corner of hospital; in N. end of concrete retaining wall; standard tablet stamped "23 WSM 1954 518" (<u>Reported destroyed, 1967</u>)	517.695
2	68	20.35	Reference mark; 60 ft SE. of tablet; at ramp on N. side of hospital; on center of concrete steps; chiseled cross	519.32
2	72	21.49	"Y 50 1933" (NGS)	433.024

LINE 6.NGVD 29
Elevations

By W. S. Monk, 1954; Book AV 390

3	1	0.00	"A 51 1933" (NGS) (Not found, 1971)	319.166
3	3	1.13	Wadesboro, 3.0 mi W. of; 20 ft N. and 300 ft W. of, and level with junction of old U. S. Highway 74 and White Store Road (T-rd. S.); in N. headwall of concrete culvert; standard tablet stamped "24 WSM 1954 277"	277.363
3	3	1.13	Reference mark; 35 ft S. of tablet; on center of S. headwall of concrete culvert; chiseled cross	277.74
3	7	2.69	Wadesboro, 3.3 mi W. of Elementary School, along White Store Road; 30 ft S. and 140 ft W. of, and 5.0 ft higher than junction of T-rd. N.; 12 ft W. of telephone pole; in concrete post; standard tablet stamped "25 WSM 1954 364"	363.974
3	15	6.30	Wadesboro, 4.3 mi SW. of, along State Highway 109; 190 ft NW. and 40 ft SW. of, and 3.0 ft higher than junction of rd. NW.; 2.5 ft W. of power pole; in concrete post; standard tablet stamped "26 WSM 1954 504"	503.704
3	16	6.32	Reference mark; 110 ft NE. of tablet; 15 ft NE. of centerline of rd.; on concrete pipe culvert; chiseled cross	501.45
3	17	6.99	U.E., at drain crossing; 30 ft S. of State Highway 109; 350 ft E. of, and 12 ft lower than junction of rd. S.; on center of concrete headwall of culvert; chiseled cross	446.04

LINE 6 (Cont'd.)Feet

3	18	7.31	Wadesboro, 5.0 mi SW. of, along State Highway 109, thence 0.3 mi S.; in NE. concrete abutment of small wooden bridge; standard tablet stamped "27 WSM 1954 437"	436.811
3	19	7.85	U.E., Wadesboro, 5.0 mi SW. of, thence 0.8 mi S.; 40 ft N. and 20 ft W. of, and 3.0 ft lower than crossroads; at 5-point rd. junction; in root on NE. side of 12-in. gum tree; copper nail and washer	538.96
3	22	9.48	Wadesboro, 5.0 mi SW. of, along State Highway 109, thence 2.1 mi S.; 0.4 mi N. of crossing of Jones Creek; 80 ft S. and 35 ft E. of, and 2.0 ft lower than drive E.; in concrete post; standard tablet stamped "28 WSM 1954 465" (<u>Not found, 1970</u>)	465.125
3	21	9.27	Reference mark; 0.2 mi N. of tablet; at drain crossing; 20 ft SE. of centerline of rd.; on concrete pipe culvert; chiseled square	475.24
3	27	11.84	Wadesboro, 5.0 mi SW. of, along State Highway 109, thence 3.3 mi S., thence 1.1 mi W.; 6.4 mi W., thence 0.7 mi S., thence 1.7 mi W. of Morven; 65 ft SE. of SE. corner of abandoned school; 60 ft N. and 100 ft W. of, and 3.0 ft lower than T-rd. N.; in concrete post; standard tablet stamped "29 WSM 1954 456" (<u>Reported disturbed, 1969</u>)	456.082
3	26	11.84	Reference mark; 35 ft N. of tablet; on SW. corner of concrete base of well pump; chiseled cross	454.04
3	31	13.49	Morven, 6.4 mi W. of, thence 0.7 mi S.; 80 ft S. and 30 ft W. of, and 1.0 ft lower than T-rd.; in concrete post; standard tablet stamped "30 WSM 1954 323"	323.048
3	30	13.49	Reference mark; 110 ft NE. of tablet; 25 ft E. of centerline of T-rd. W.; in root on W. side of 8-in. oak tree; rail spike	324.22
3	32	14.15	U.E., Morven, 5.3 mi W. of; 15 ft SW. of, and 1.0 ft lower than junction of State Highway 742 and T-rd. W. to Morven; on concrete headwall of culvert; chiseled cross	428.12
3	36	15.74	Morven, 4.2 mi W. of; 1.2 mi W. of Jones Creek; 30 ft N. of, and 2.5 ft higher than centerline of junction of field rd. SE.; in concrete post; standard tablet stamped "31 WSM 1954 387"	386.857

LINE 6 (Cont'd.)Feet

3	35	15.74	Reference mark; 35 ft E. of tablet; on concrete pipe culvert; chiseled cross	382.10
3	40	17.86	Morven, 2.0 mi W. of; 0.9 mi E. of Jones Creek; 40 ft N. and 35 ft E. of, and 1.0 ft lower than junction of rd. SW.; 3.5 ft W. of power pole; in concrete post; standard tablet stamped "32 WSM 1954 370"	370.035
3	39	17.70	Reference mark; 860 ft W. of tablet; 15 ft S. of centerline of rd.; on concrete pipe culvert; chiseled cross (<u>Reported damaged, 1964</u>)	365.56
3	44	19.48	Morven; at municipal standpipe; in concrete base for NE. leg of water tank; standard tablet stamped "33 WSM 1954 406"	405.296
3	43	19.48	Reference mark; 30 ft W. of tablet; in concrete base of NW. leg; chiseled cross	405.31
3	45	19.86	U.E., Morven; 55 ft SE. of, and 1.0 ft lower than junction of U. S. Highway 52 and State Highway 85; in concrete curb; chiseled cross	358.43

LINE 7.

By H. L. Zohn, Jr., 1969; Book AV 1558

5	59	5.07	White Store, 1.5 mi SE. of Huntley's Store, along County Road 1003; 2.5 ft NW. of witness sign; 50 ft W. of, and about 1.0 ft lower than junction of County Roads 1003 and 1219; in concrete post projecting 1 in.; standard tablet stamped "286 HLZ 1969"	414.306
5	61	5.87	White Store, 2.3 mi SE. of Huntley's Store, along County Road 1003; near large private lake; 56 ft N. of, and about level with junction of County Road 1003 and private drive NNE.; in top of rock; standard tablet stamped "287 HLZ 1969"	353.299
5	64	7.45	White Store, 3.9 mi SE. and E. of Huntley's Store, along County Road 1003; at 26-ft concrete culvert for Shaw Creek; 22 ft SE. of, and about level with centerline of rd. opposite; in NE. end of culvert; standard tablet stamped "288 HLZ 1969"	329.103
5	67	8.34	White Store, 4.8 mi SE. and E. of Huntley's Store, along County Road 1003; at 13-ft bridge over small stream; in SW. end of NW. backwall; standard tablet stamped "289 HLZ 1969"	354.096

LINE 7 (Cont'd.)Feet

5	69	9.27	White Store, 5.7 mi SE. and E. of Huntleys' Store, along County Road 1003; at store of W. C. Rayfield; in NE. end of concrete base for Shell gas pumps; standard tablet stamped "290 HLZ 1969"	502.010
5	70	10.20	U.E., West Deep Creek School; on NE. side of school; on NW. end of sidewalk; chiseled square	466.91
5	71	10.89	White Store, 7.2 mi SE. and E. of Huntley's Store, along County Road 1003, thence 0.1 mi NE. along County Road 1112; at main entrance to Deep Creek Baptist Church; in SE. end of sidewalk; standard tablet stamped "291 HLZ 1969"	450.872
5	73	12.12	White Store, 7.2 mi SE. and E. of Huntleys' Store, along County Road 1003, thence 1.2 mi NE. along County Road 1112, thence 200 ft N. along County Road 1114; 0.5 ft NW. of witness sign; 87 ft SE. of, and about 1.5 ft lower than junction of County Roads 1120 and 1114; in concrete post projecting 4-in.; standard tablet stamped "292 HLZ 1969"	475.172
5	75	13.25	"29 WSM 1954 456" (Reported disturbed, 1969) (Described in line 6)	456.308
5	77	14.83	"30 WSM 1954 323" (Described in line 6)	323.048

LINE 8.NGVD 29
Elevations

By H. L. Zohn, Jr., 1969; Book AV 1558

6	11	3.24	Peachland, 3.1 mi S. of Methodist Church, along County Road 1240; 0.5 ft NE. of witness sign; 35 ft S. of, and about 2.0 ft higher than junction of County Road 1240 and drive W.; in concrete post projecting 4-in.; standard tablet stamped "294 HLZ 1969"	355.355
6	14	4.52	Peachland, 4.4 mi NE. of, and about 0.5 ft higher than junction of County Road 1240 and dirt rd. ENE.; in concrete post projecting 5-in.; standard tablet stamped "295 HLZ 1969"	355.508
6	16	6.04	White Store, 2.2 mi NE. of junction of County Roads 1228 and 1003, along Road 1228; 1.0 ft S. of witness sign; 148 ft NNE. of, and about 2.0 ft higher than junction of County Roads 1240 and 1228; in concrete post projecting 2-in.; standard tablet stamped "296 HLZ 1969"	372.700

LINE 8 (Cont'd.)Feet

6	18	6.99	White Store, 1.2 mi E. of junction of County Roads 1228 and 1003, along Road 1228; 1.0 ft W. of witness sign; 163 ft E. of, and about level with junction of County Roads 1228 and 1224; in concrete post projecting 4-in.; standard tablet stamped "297 HLZ 1969"	400.629
---	----	------	--	---------

LINE 9.

By H. L. Zohn, Jr., 1969; Book AV 1558

6	31	0.00	"290 HLZ 1969" (Described in line 7)	502.010
6	33	1.46	Mt. Croghan, 3.1 mi N. of post office, along State Highway 109, thence 2.9 mi N. along Highway 109; 4 ft S. of witness sign; 14 ft S. of gate; 41 ft SE. of, and about 1.0 ft higher than junction of Highway 109 and field rd. E.; in concrete post projecting 3-in.; standard tablet stamped "298 HLZ 1969"	392.830
6	35	2.96	Mt. Croghan, 3.1 mi N. of post office, along State Highway 109, thence 1.3 mi N. along Highway 109; at 120-ft concrete bridge over Deadfall Creek; in NE. corner; standard tablet stamped "299 HLZ 1969"	278.470
6	37	4.08	Mt. Croghan, 3.1 mi N. of post office, along State Highway 109, thence 0.1 mi N. along Highway 109; at 6-ft concrete culvert for small drain; 23 ft NW. of, and about 2.5 ft lower than centerline of hwy. opposite; in NE. end of culvert; standard tablet stamped "300 HLZ 1969"	303.176
6	39	4.82	Mt. Croghan, 2.4 mi N. of post office, along State Highway 109; at 150-ft concrete bridge over Thompson Creek; in NE. corner; standard tablet stamped "301 HLZ 1969"	282.627
6	41	5.93	Mt. Croghan, 1.3 mi N. of post office, along State Highway 109; 1.0 ft N. of witness sign; 100 ft SSE. of, and about 3.0 ft higher than junction of Highway 109 and County Road S-13-136; in concrete post projecting 4-in.; standard tablet stamped "302 HLZ 1969"	404.963
6	43	7.09	"TT 1 H 1934 448" (Described in line 1)	447.342

1969

LINE 10.Feet

By H. L. Zohn, Jr., 1969; Book AV 1558

6	51	0.00	"30 WSM 1954 323" (Described in line 6) (Also in line 7)	323.048
*	6	53	1.66 Cason Old Field Crossroads; at Ratliff's Grocery; in N. end of Shell Gas pump base; standard tablet stamped "303 HLZ 1969"	454.249
—	6	56	3.01 Cason Old Field Crossroads, 1.4 mi S. of Ratliff's Grocery, along State Highway 742; at abandoned Shell station; in center of gas pump base; standard tablet stamped "304 HLZ 1969" (Reported destroyed, 1970)	429.170
	6	59	4.84 Cason Old Field Crossroads, 3.3 mi S. of Ratliff's Grocery, along State Highway 742; 0.5 ft W. of witness sign; 105 ft E. of, and about level with junction of Highway 742 and rd. NE. leading to Davids Grove Baptist Church; in concrete post projecting 2-in.; standard tablet stamped "305 HLZ 1969"	355.020
	6	61	6.12 Chesterfield, 1.9 mi N. of High School, along State Highways 145 and 742; 140 ft NNW. of, and about level with junction of Highway 742 and County Road S-13-60; 0.5 ft S. of witness sign; in concrete post projecting 2-in.; standard tablet stamped "306 HLZ 1969"	291.526
	6	64	7.08 Chesterfield, 0.9 mi N. of High School, along State Highway 145; 68 ft SE. of, and about 2.0 ft higher than junction of State Highway 145 and dirt rd. W.; 0.5 ft W. of witness sign; in concrete post projecting 4-in.; standard tablet stamped "307 HLZ 1969"	295.500

LINE 11.

By H. L. Zohn, Jr., 1970; Book AV 1558

9	66	0.00	"33 WSM 1954 406" (Described in line 6)	405.296
9	66	0.02	Morven; at water tank; 12 ft W. of NE. leg of tank; in concrete post flush with ground; standard tablet stamped "1 HLZ 1970"	404.765

1969

LINE 12.Feet

By H. L. Zohn, Jr., 1970; Book AV 1558

10 26	2.90	Zoar Crossroads; 1.4 mi NE. of Methodist Church, along County Road 23; 43 ft NW. of, and about 1.0 ft higher than centerline of rd. opposite; 0.5 ft SE. of witness sign; 55 ft S. of Copeland Grocery Store; in concrete post projecting 4-in.; standard tablet stamped "13 HLZ 1970"	303.566
10 28	4.29	Zoar Crossroads; at Methodist Church; in NE. end of walkway at main entrance; standard tablet stamped "14 HLZ 1970"	309.588
10 30	5.83	Chesterfield, 1.6 mi N. and NE. of High School, along State Highway 145, thence 1.6 mi SE. along County Road 60, thence 0.8 mi N. and E. along county rd.; 50 ft NW. of, and about 1.0 ft lower than centerline of crossroads; 3.0 ft SE. of witness sign; in concrete post projecting 4-in.; standard tablet stamped "15 HLZ 1970"	289.216
10 32	7.41	Chesterfield, 1.6 mi N. and NE. of High School, along State Highway 145, thence 0.8 mi SE. along County Road 60; at 75-ft bridge over Adams Creek; in SE. end of SW. guardrail base' standard tablet stamped "16 HLZ 1970"	192.014

NGVD 29
Elevations