

TRIPER LEVELING
GEOIDETIC VERTICAL DATUM OF 1929

1. BELIEVING IT BIRD
FOR QUADRANGLE

35-080-33
CHARLOTTE QUADRANGLE
S. 80 N.C.-147 S.C.
N3500-W3045/15
DIAGRAM NO. 17-2
CHARLOTTE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Mocklenburg and Union Counties, N.C.
Lancaster and York Counties, S.C.

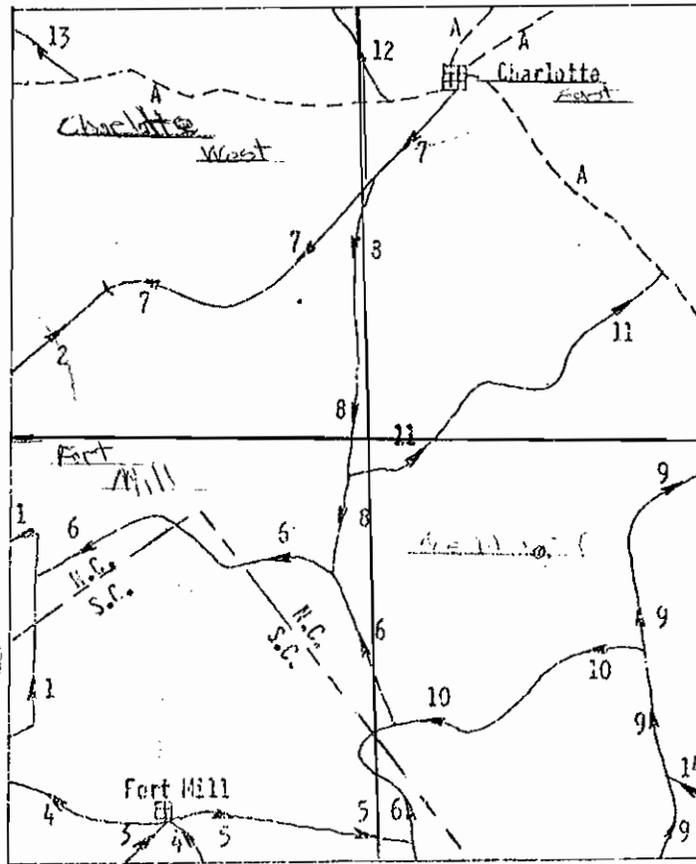
Final adjustment of 1975

Edition of 4/15/75

PR: WSM/rmc

NGVD 29
Elevations

DERITA
(117)



CLOVER
(148 S.C.-81 N.C.)

MATTHEWS
(79)

CATAWBA
(136 S.C.-52 N.C.)

35°00'

NO. (UNCLASSIFIED) CONTROL DATA

4. Quadrangle 350803

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NGVD 29
Elevations

	<u>Feet</u>
ISOLATED BENCH MARKS (By P. H. Foster, 1905; C. W. Arnold, 1912; F. L. Foust, 1924; W. B. Sykes, 1934; B. B. Chamblin, 1936; Books A 6280; A 8939; B 6065; B 6579)	
Rama, opposite Seaboard Air Line Railroad station; 150 ft W. of W. rail; near NE. corner of former post office; on iron post; standard cap stamped "1903 ADJ 719" (Reported destroyed, 1936)	718.790
Rama, 2.3 mi SW. of, thence 1.2 mi NW.; W. of intersection of Pineville-Providence Road; on summit N. of creek crossing; on iron post; standard cap stamped "1903 ADJ 726" (Reported destroyed, 1936)	725.410
Pineville, 3.6 mi NE. of; 100 ft W. of residence of W. J. Cooper; 20 ft S. of store of Copper; 10 ft S. of centerline of rd.; on iron post; standard cap stamped "1903 ADJ 636"	636.023
Pineville; 400 ft E. of Southern Railway station; 150 ft S. of Reed & Creff Drug Store; near SW. corner of post office; on iron post; standard cap stamped "1903 ADJ 571" (Reported not found, 1966)	570.571
Fort Mill; at NW. corner of Southern Railway freight station; in front of station; 60 ft W. of W. rail; on iron post; standard cap stamped "1903 ADJ 624" (Reported not found, 1966)	623.849
Pineville, 4.4 mi NW. of; 3.4 mi SE. of Shopton; 225 ft SW. of Center Church; 75 ft E. of centerline of rd.; on iron post; standard cap stamped "1903 ADJ 651"	650.264 ✓
Shopton, 0.1 mi N. of; at rd. junction; 150 ft E. of residence of Frank Bynum; on iron post; standard cap stamped "1903 ADJ 728" (Reported not found, 1948)	727.544
Mixie; 275 ft SW. of Kneel grocery store; 47 ft N. and 46 ft W. of centerline of rd. at junction of macadam rd. and dirt rd. W.; on iron post; standard cap stamped "1903 ADJ 748" (Reported not found, 1966)	747.225
DESTROYED 3/87 ROAD WIDENED, STORE BULLDOZED, MARK GONE.	
Moore Chapel; 300 ft W. of; 1.6 mi E. of Juneau (Lodo); 6.0 mi W. of Charlotte; at rd. forks; 325 ft S. of crossing of Southern Railway and county rd.; on iron post; standard cap stamped "1903 ADJ 745" (Reported destroyed, 1936)	744.854
Charlotte; at NW. corner of Mecklenburg County Courthouse; in front face; standard tablet stamped "1903 ADJ 759" (Reported destroyed, 1936)	758.294
Fort Mill, 4.8 mi E. of; 1.2 mi W. of Pleasant Valley Church; 200 ft E. of house of I. B. Baile; in yard; 10 ft S. of mailbox; on iron post; standard cap stamped "1903 ADJ 619"	618.140
Weddington; at NW. corner of church; on iron post; standard cap stamped "1903 ADJ 726" (Reported destroyed, 1936)	724.940
Belmont, 2.6 mi E. of station; 30 ft E. of rd. crossing; on iron post; standard cap stamped "1912 629" (Reported not found, 1932)	629.034
Juneau, 0.7 mi W. of station; 600 ft W. of overhead wagon bridge; 25 ft S. of RR. track; on iron post; standard cap stamped "1912 748" (Tied by NGS, 1936) (Reported not found, 1948)	748.521
Fort Mill, 5.9 mi E. of; 0.4 mi NW. of Pleasant Valley; 76 ft S. of centerline of hwy.; in yard; 3 ft N. and 3 ft E. of NW. corner of Pleasant Valley Church; in concrete post; standard tablet stamped "19 03 1934" (Reported not found, 1966)	622.974

ISOLATED BENCH MARKS (Cont'd)

Feet

Fort Mill, 1.0 mi SE. of; in SE. angle of triangle formed by intersection of State Highway 211 and Doubys Bridge Road; 135 ft N. and 65 ft W. of NW. corner of dwelling; in concrete post; standard tablet stamped "TI 20 DS 1934"

657.254

LINE 1.

By R. L. Beitle, 1945; Book V 180

Duke Power Company Dam, 3.2 mi NE. of; 1.1 mi S. of North Carolina-South Carolina State line, along State Highway 160; 56 ft S. and 35 ft W. of N. fork of offset crossroads; 2 ft E. of wire fence; in concrete post; standard tablet stamped "18 RLB 1945 715"

715.066

Reference mark; 230 ft NE. of tablet; 115 ft N. and 120 ft E. of N. fork of offset crossroads; in root on S. side of 36 in. oak tree; copper nail and washer

715.89

North Carolina-South Carolina State line, 0.9 mi N. of, along State Highway 160; 1.2 mi S. of junction of State Highway 49; 60 ft S. and 31 ft E. of centerline of crossroads; 5 ft SE. of SW. corner of store owned by W. C. Stroup; in concrete post; standard tablet stamped "17 RLB 1945 699"

698.467

Reference mark; 80 ft W. of tablet; at entrance to yard of residence of W. C. Stroup; on N. end of second concrete step; chiseled square

698.52

LINE 2.

By R. L. Beitle, 1945; Book V 180

Shopton, 2.3 mi SW. of, along macadam rd.; 6 ft NE. and 24 ft NW. of centerline of rd. at junction of dirt rd. SE.; 7 ft NW. of wire fence; in concrete post; standard tablet stamped "21 RLB 1945 605"

602.904

Reference mark; 460 ft NE. of tablet; 38 ft S. and 38 ft E. of private lane E.; in root on N. side of 20 in. pine tree; copper nail and washer

602.70

Shopton; 14 ft SW. and 26 ft NW. of NE. fork of offset crossroads; 25 ft W. of county rd. sign "Route 49 3 miles"; in SE. corner of Bynum property; in concrete post flush with ground; North Carolina Geodetic Survey standard disk stamped "NC 524"

726.528

Reference mark; 50 ft SE. of tablet; 14 ft SW. and 21 ft SE. of NE. fork of offset crossroads; in root on NW. side of 36 in. oak tree; copper nail and washer

727.12

LINE 3.

By E. G. Bates, 1965; Book AV 1392

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

NGVD 29
Elevations

1965

LINE 4.

Feet

By E. G. Bates, 1965; Book AV 1392

- | | | | |
|------|-------|--|---------|
| 3 50 | 7.68 | U.E., Fort Mill; in front of post office at main intersection of town; 23 ft N. and 34 ft E. of, and 0.4 ft higher than centerline of crossroads; on concrete curb by telephone pole; chiseled square | 650.42 |
| 3 51 | 7.98 | Fort Mill; in NW. part of town on top of highest hill; on property owned by Lancaster Cotton Mill Company; 50 ft S. of centerline of street; 38 ft WSW. of center pipe of large tank; 34 ft SW. of W. corner of footing of NW. leg of tank; 14 ft W. of NW. corner of footing of SW. leg; in concrete post; NGS standard triangulation station disk stamped "FORT MILL 1934" | 667.965 |
| 3 52 | 8.32 | Reference mark No. 3; 74 ft N. and 15 ft E. of, and 2.9 ft higher than centerline of crossroads (Audrey and Harris Streets); in concrete post; NGS standard reference mark disk stamped "FORT MILL NO 3 1934" | 649.487 |
| 3 57 | 10.33 | Fort Mill Post Office, 1.9 mi N. of, along County Road 100, thence 0.8 mi NW. along County Road 251 to junction of County Road 49; 4 ft W. of telephone pole; 57 ft S. and 57 ft E. of, and 1.6 ft higher than centerline of rd. at junction; in concrete post; standard tablet stamped "30 EGB 1965 706" | 706.399 |
| 3 59 | 11.26 | U.E., 12 ft N. of, and 1.0 ft higher than centerline of rd. at W. end of bridge; on W. end of N. concrete wheelguard; chiseled square | 523.44 |

LINE 5.

By E. G. Bates, 1965; Book AV 1392

- | | | | |
|-----|------|--|---------|
| 4 2 | 0.67 | Fort Mill Post Office, 1.3 mi E. of, along State Highway 160; near top of hill; 38 ft S. and 100 ft E. of, and 2.1 ft lower than centerline of hwy. at junction of two Y-rds. (one SE. and one SW.); 6 ft W. of telephone pole; in concrete post; standard tablet stamped "34 EGB 1965 642" | 641.573 |
| 4 4 | 1.81 | Fort Mill Post Office, 2.4 mi E. of, along State Highway 160 to concrete bridge over Sugar Creek; 15 ft S. of, and level with centerline of rd. at W. end of bridge; in top of S. end of W. concrete abutment; standard tablet stamped "55 EGB 1965 515" | 515.163 |
| 4 5 | 2.62 | Fort Mill Post Office, 3.2 mi E. of, along State Highway 160; 1.6 mi W. of Pleasant Hill Church; 30 ft S. and 38 ft W. of, and 3.9 ft higher than centerline of hwy. at junction of I-rd. S. to Bethel Free Will Baptist Church; on high bank; in concrete post; standard tablet stamped "36 EGB 1965 609" | 608.578 |
| 4 7 | 3.73 | Pleasant Hill Church, 0.5 mi W. of, along State Highway 160; 20 ft N. and 33 ft W. of, and 1.5 ft lower than centerline of rd. at junction of I-rd. II.; in center of N. concrete headwall of culvert; standard tablet stamped "37 EGB 1965 628" | 628.073 |

NGVD 29
Elevations

1965

LINE 6.

Feet

By E. G. Bates, 1965; Book AV 1392

4	12	0.91	Pineville, 5.2 mi S. of, along U. S. Highway 521; 32 ft W. of centerline of Highway 521; 68 ft W. of right-of-way marker pipe on E. side of hwy.; 17 ft N. of right-of-way marker pipe on W. side of hwy.; at North Carolina-South Carolina State line; in concrete post; NGS standard disk stamped "STATE 1934"	669.991
4	14	2.19	Pleasant Valley, 2.0 mi N. of, along County Road 64; 209 ft N. of, and 4.8 ft lower than centerline of rd. at junction of Y-rd.; 36 ft W. of centerline of rd. NE.; 37 ft E. of centerline of rd. NW.; at powerline right-of-way clearing; 4 ft S. of power pole; in concrete post; standard tablet stamped "38 EGB 1965 640"	640.217
4	16	3.29	Pleasant Valley, 3.0 mi NW. of, along County Road 64; 51 ft NE. and 49 ft NW. of, and 1.8 ft higher than centerline of rd. at junction of County Road 42; in concrete post; standard tablet stamped "39 EGB 1965 654"	653.557
4	17	4.38	Pleasant Valley, 3.0 mi N. of; 3.2 mi S. of Pineville, along U. S. Highway 521; 277 ft S. of centerline of Highway 521 at junction of County Road 42; 31 ft W. of, and level with centerline of hwy.; 15 ft E. of NE. corner of stone building; in N. end of concrete gasoline pump base; standard tablet stamped "40 EGB 1965 651"	651.226 ✓
4	18	5.67	Pineville, 2.2 mi S. of, along U. S. Highway 521; 21 ft S. and 37 ft W. of, and level with centerline of hwy. at junction of driveway E.; 24 ft E. of front door of store; in N. end of concrete base for gasoline pumps; standard tablet stamped "41 EGB 1965 615"	614.742
4	19	6.34	Pineville, 1.5 mi S. of, along U. S. Highway 521; at bridge over McAlpine Creek; 20 ft E. of, and 0.5 ft higher than centerline of rd. at N. end of bridge; in top of E. end of N. concrete abutment; standard tablet stamped "42 EGB 1965 536"	536.254
4	20	7.58	Pineville, at S. city limits, along U. S. Highway 521 to Little Sugar Creek; W. of, and 0.5 ft higher than centerline of rd. at S. end of bridge; in top of W. end of S. concrete abutment; standard tablet stamped "43 EGB 1965 558"	559.367
4	22	8.18	U.E., 13 ft S. of, and 0.7 ft higher than centerline of State Highway 51 at W. end of bridge over Little Sugar Creek; on W. end of S. concrete wheelguard; chiseled square	556.32
4	24	9.28	Pineville, at W. city limits, along U. S. Highway 21; at SE. corner of concrete bridge over Big Sugar Creek; S. of, and level with centerline of rd. at E. end of bridge; in top of S. end of E. concrete abutment; standard tablet stamped "44 EGB 1965 545"	544.499
4	25	9.73	U.E., 18 ft W. of, and 0.5 ft lower than centerline of hwy. at 20 ft concrete box culvert; on top of W. concrete headwall; chiseled square	543.93

LINE 6 (Cont'd)

Feet

- 4 26 10.36 Pineville, 1.1 mi SW. of, along U. S. Highway 21 to North Carolina-South Carolina State line; 600 ft SW. of centerline of rd. at junction of private rd. SE.; 284 ft NE. of centerline of rd. at junction of driveway NW.; 28 ft SE. of, and level with centerline of hwy. at top of hill; 3 ft SE. of State line signpost; in concrete post; standard tablet stamped "45 EGB 1965 621" (Tied by NGS, 1971) RECOVERED AS DESCRIBED, 3/87 620.990
- 4 27 11.16 Pineville, 1.3 mi ^WSW. of, along U. S. Highway 21, thence 0.6 mi W. of, along County rd.; 19 ft S. and 65 ft W. of, and level with centerline of rd. at junction of T-rd. S.; 4 ft W. of telephone pole; in concrete post; standard tablet stamped "46 EGB 1965 640" (Tied by NGS, 1971) NOT FOUND, 3/87 639.838
- 4 29 12.13 Pineville, 1.3 mi SW. of, along U. S. Highway 21, thence 1.6 mi W. of, along county Road 48; 27 ft N. and 18 ft W. of, and level with centerline of rd. at junction of County Road 22; 3 ft E. of telephone pole; in concrete post; standard tablet stamped "47 EGB 1965 637" 637.201
- 4 30 13.17 Pineville, 1.3 mi SW. of, along U. S. Highway 21, thence 1.6 mi W. along County Road 48, thence 1.0 mi SW. along County Road 22; at 200 ft wooden bridge over creek; 9 ft SW. of, and 20 ft SE. of, and 0.6 ft lower than centerline of rd. at SW. end of bridge; in concrete post; standard tablet stamped "48 EGB 1965 562" 561.478
- 4 32 14.61 Pineville, 1.3 mi SW. of, along U. S. Highway 21, thence 1.6 mi W. along County Road 48, thence 1.1 mi SW. along County Road 773 to North Carolina-South Carolina State line; 0.2 mi NW. of intersection of County Roads 1106 and 1123; 28 ft N. and 27 ft W. of, and 2.1 ft higher than centerline of crossroads; 5 ft E. of SE. corner fencepost; standard tablet stamped "49 EGB 1965 660" 659.539
- 4 33 15.53 "17 RLB 1945 699" (Described in line 1) 698.467

LINE 7.

By E. G. Bates, 1965; Book AV 1392

- 4 37 0.00 "682.925 C 41 1932" (NGS) 682.892
- 4 38 0.97 Charlotte; in SE. section of; at Southern Railway crossing East Boulevard (one block W. of U. S. Highway 21 S.); 33 ft S. and W. of, and level with centerline of East Boulevard at W. rail; in concrete base of crossing signal; standard tablet stamped "59 EGB 1965 741" (Tied by NGS, 1971) RECOVERED AS DESCRIBED, 3/87 740.783
- 4 39 2.05 Charlotte, 1.2 mi S. of Moorhead Street overpass, along U. S. Highway 21, thence one block W. along New Bern Street to RR. crossing; 56 ft N. and 18 ft E. of, and level with centerline of New Bern Street at E. rail of E. siding; 20 ft W. of centerline of access rd.; in concrete post; standard tablet stamped "60 EGB 1965 739" 739.125

LINE 7 (Cont'd)

Feet

- 4 40 2.93 Charlotte, 1.9 mi S. of Moorhead Street overpass, along U. S. Highway 21 to junction of Y-rd.; thence S. on rd. right to RR. crossing at junction of T-rd. W.; 185 ft S. and 33 ft W. of W. rail at crossing; 24 ft E. of centerline of rd. at junction of T-rd. W.; 73 ft NW. of RR. switch; in concrete post; standard tablet stamped "67 EGB 1965 748" (Reported not found, 1967) 747.906
- 4 41 3.66 Charlotte, 2.8 mi S. of, along U. S. Highway 21, thence 500 ft W. along Woodlawn Road to Southern Railway tracks and junction of Old Pineville Road; 143 ft S. and 22 ft E. of, and 0.9 ft lower than centerline of Woodlawn Road at E. rail; 18 ft NE. of RR. switch; in concrete post; standard tablet stamped "61 EGB 1965 732" RECOVERED AS DESCRIBED 3/88 732.275
- 4 42 4.30 Charlotte; at S. city limits; 200 ft S. of intersection of Woodlawn Road and State Highway 49 (S. Tryon Street); at hwy. bridge over Sou. Ry. spur (city limits follow this track NW. and SE.); 36 ft E. of, and 1.5 ft higher than centerline of rd. at N. end of bridge; in N. end of E. concrete wheelguard; standard tablet stamped "62 EGB 1965 721" RECOVERED AS DESCRIBED 3/88 721.022 ✓
- 4 43 5.24 Charlotte, 0.9 mi SW. of S. city limits, along State Highway 49 to junction of T-rd. E.; 33 ft N. and 40 ft E. of, and higher than centerline of hwy. at junction of T-rd. E.; 3 ft NW. of telephone pole; 2 ft SE. of concrete street signpost; in concrete post; standard tablet stamped "63 EGB 1965 675" RECOVERED AS DESCRIBED 3/88 675.235
- 4 44 5.99 Charlotte, 1.7 mi SW. of S. city limits, along State Highway 49; at concrete bridge over Sugar Creek; 17 ft NW. of, and level with centerline of rd. at NE. end of bridge; in W. end of N. concrete abutment; standard tablet stamped "64 EGB 1965 593" RECOVERED AS DESCRIBED 3/88 593.305 ✓
- 4 45 5.99 Reference mark; on center of NW. concrete wheelguard established by Mr. Harold Eddins of Water Resources; chiseled square 594.03
- 4 46 7.11 Charlotte, 1.9 mi SW. of S. city limits, along State Highway 49, thence 0.9 mi W. along County Road 1155; 1.9 mi E. of Shopton; at bridge over Coffey Creek; 43 ft S. of, and level with centerline of rd. at E. end of bridge; in top of SE. concrete wingwall; standard tablet stamped "65 EGB 1965 607" 606.935
- 4 47 8.07 Shopton, 1.0 mi E. of, along County Road 1155 to junction of dirt rd. N. to Eagle Lake Fishing Club; 32 ft N. and 19 ft W. of, and lower than centerline of rd. at junction of dirt rd. N.; 4 ft S. of telephone pole; at S. edge of tree row; in concrete post; standard tablet stamped "66 EGB 1965 705" 705.040
- 4 48 9.06 "NC 524" (North Carolina Geodetic Survey) (Described in line 2) 726.528

LINE 8.

By E. G. Bates, 1965; Book AV 1391

- 4 50 0.00 "61 EGB 1965 732" (Described in line 7) 732.275

NGVD 29
Elevations

LINE 8 (Cont'd)

feet

- 4 50 1.05 Charlotte, 3.8 mi S. of Moorhead Street overpass, along U. S. Highway 21, thence one block W. to Sou. Ry. tracks; 21 ft S. and 12 ft E. of, and level with centerline of dirt rd. and main track; in concrete post; standard tablet stamped "73 EGB 1965 713" (Reported destroyed, 1967) 713.356
- 4 51 2.20 Charlotte, 5.0 mi S. of, along U. S. Highway 21 and Southern RR.; at large corrugated metal building; 32 ft S. and 22 ft E. of, and 0.7 ft higher than centerline of Old Pineville Road at junction of I-rd. W.; 120 ft W. of W. rail; 4 fr SE. of telephone pole; in concrete post; standard tablet stamped "74 EGB 1965 676" 675.838
- 4 52 3.04 Charlotte, 5.8 mi S. of, along U. S. Highway 21 and Sou. Ry.; at semaphore; 190 ft S. of dirt rd. crossing; 53 ft W. of centerline of hwy.; 31 ft E. of, and 3.0 ft higher than tracks; on cut bank; in concrete post; standard tablet stamped "75 EGB 1965 663" (Tied by NGS, 1971) RECOVERED AS DESCRIBED 3/87 662.797 ✓
- 4 53 4.08 Charlotte, 6.9 mi S. of, along U. S. Highway 21; 2.6 mi N. of Pineville, along Sou. Ry. to Lance Company bridge over RR.; 40 ft W. of E. end of bridge over RR.; 40 ft W. of E. end of bridge; 15 ft N. of center of bridge; 2 ft S. of N. concrete guard-rail; in concrete walkway; standard tablet stamped "ET 5 JRH 1965" (Tied by NGS, 1971) RECOVERED AS DESCRIBED 3/87 689.119
- 4 55 5.13 Pineville, 1.6 mi N. of station, along Sou. Ry.; at semaphore No. R87; at S. end of earth cut; 3 ft N. of base of semaphore; 9 ft W. of, and 1.7 ft lower than W. rail of track; in concrete post; standard tablet stamped "77 EGB 1965 622" (Tied by NGS, 1971) 622.768
- 4 56 6.04 Pineville, 0.7 mi N. of station, along Sou. Ry. to crossing of rd. to Southland Industrial Park; 24 ft S. and 10 ft E. of, and 0.6 ft lower than centerline of crossing; in concrete post; standard tablet stamped "76 EGB 1965 587" (Tied by NGS, 1971) 586.757
- 4 58 7.27 "44 EGB 1965 545" (Described in line 6) 544.499

LINE 9.

By E. G. Gates, 1965; Book AV 1391

- 5 3 1.65 Weddington, 0.7 mi S. of, along State Highway 16 to junction of I-rd. W.; 31 ft N. and 32 ft W. of, and 1.0 ft higher than centerline of rd. at junction of I-rd. W.; 19 ft E. of centerline of rd. at junction of private drive NW; 2 ft S. of fence; in concrete post; standard tablet stamped "50 EGB 1965 711" N/F 8/2000 TRW
711.497
- 5 4 2.34 Weddington; 59 ft N. and 37 ft E. of, and 0.9 ft lower than centerline of rd. at junction of I-rd. W. to Weddington School; 89 ft S. and 2 ft W. of NW. fence corner of recreation park; 4 ft N. of telephone pole; in concrete post; standard tablet stamped "51 EGB 1965 721" 91 Good 8/00 Good TRW
721.464
- 5 6 3.50 Weddington, 1.2 mi N. of, along State Highway 16 to Union-Necklenburg County line; 29 ft W. of, and 2.8 ft lower than centerline of hwy.; at NW. corner of 20 ft box culvert; in N. end of W. concrete headwall of culvert; standard tablet stamped "52 EGB 1965 619" 8/00 Good TRW
619.142

LINE 9 (Cont'd)Feet

5 7	4.34	Weddington, 2.1 mi N. of, along State Highway 16; near top of hill; 42 ft N. and 31 ft W. of, and 0.3 ft lower than centerline of hwy. at woods rd. crossing; 4 ft S. of telephone pole; in concrete post; standard tablet stamped "53 EGB 1965 702"	701.594
5 9	5.51	Weddington, 3.3 mi N. of, along State Highway 16 to intersection of County Road 3626; 36 ft S. and 33 ft E. of, and 0.2 ft lower than centerline of crossroads; 3 ft NW. of telephone pole; in concrete post; standard tablet stamped "54 EGB 1965 710"	710.360
5 11	6.56	Weddington, 4.2 mi N. of, along State Highway 16; 1.5 mi S. of intersection of State Highways 16 and 51, along Highway 16 to junction of Kuykendall Road E.; 19 ft S. and 34 ft E. of, and 4.6 ft higher than centerline of rd. at junction of T-rd. E.; 19 ft N. of telephone pole; 14 ft SE. of concrete street signpost; in rock outcrop; standard tablet stamped "55 EGB 1965 674" (<u>Reported not found, 1966</u>)	673.746
5 12	7.21	Weddington, 4.8 mi N. of, 0.8 mi S. of intersection of State Highways 16 and 51; at bridge over Four Mile Creek; 18 ft E. and 0.7 ft lower than centerline of rd. at S. end of bridge; in S. end of E. concrete headwall; standard tablet stamped "56 EGB 1965 574"	574.238
		<i>92 Good</i>	
5 13	8.04	Charlotte, 10 mi S. of; in SW. corner of intersection of State Highways 16 and 51; 76 ft SW. of centerline of crossroads; 32 ft W. of centerline of Highway 16; 38 ft NE. of 10 in. hickory tree; in concrete post; North Carolina Geodetic Survey standard disk stamped "414 NΔC 653.83"	653.710
5 14	8.87	Matthews, 2.6 mi W. of; 0.8 mi E. of intersection of State Highways 16 and 51; 35 ft S. and 30 ft W. of, and 2.0 ft higher than centerline of rd. at junction of I-rd.; 5 ft N. of NE. fence corner of pasture; in concrete post; standard tablet stamped "57 EGB 1965 687" (<u>Tied by UGS, 1971</u>)	686.751
5 15	9.82	Matthews, 1.6 mi W. of, along State Highway 51; 10 ft S. and 108 ft W. of, and 1.7 ft higher than centerline of hwy. at junction of Y-rd. NW.; 30 ft N. of centerline of hwy.; 7 ft W. of oak tree; in concrete post; standard tablet stamped "TT 1 HF 1948 725"	725.167

LINE 10.

By E. G. Bates, 1965; Book AV 1391

NGVD 29
Elevations

5 20	0.00	"54 EGB 1965 710" (Described in line 9)	710.360
5 20	1.06	Weddington, 3.3 mi N. along State Highway 16, thence 1.1 mi W. along County Road 3626; 25 ft S. and 34 ft W. of, and 0.3 ft higher than centerline of Road 3626 at junction of County Road 3628; 8 ft W. of telephone pole; 6 ft S. of hwy. right-of-way marker; in concrete post; standard tablet stamped "68 EGB 1965 656"	656.513
5 21	1.97	Weddington, 3.3 mi N. of, along State Highway 16, thence 2.0 mi W. along County Road 3626; 0.9 mi E. of Providence Rest Home; 30 ft S. and 185 ft W. of, and 1.3 ft lower than centerline of rd. at junction of driveway NW.; across rd. from large frame house; at edge of pine grove; 5 ft NE. of telephone pole; in concrete post; standard tablet stamped "69 EGB 1965 651"	651.238

LINE 10 (Cont'd)Feet

- 5 22 2.86 Charlotte, 12.0 mi SSE. of; 6.0 mi ESE. of Pineville; 4.5 mi ENE. of North Carolina-South Carolina State line; 20 1/2 ft SSW. of Providence Rest Home; on N. side of junction of Y-rd.; just S. of centerline extended of rd. SW.; 39 ft E. of centerline of rd. NW.; 84 ft NW. of centerline of rd. E.; in concrete post; NGS standard triangulation station disk stamped "PROVIDENCE 1934" 676.541
- 5 24 3.84 Providence Rest Home, 1.0 mi W. of along County Road 3626; 61 ft S. of centerline of rd. at powerline crossing; 12 ft SW. of NE. leg of, and under steel tower; in concrete post; standard tablet stamped "70 EGB 1965 696" 696.110
- 5 25 4.93 Providence Rest Home, 2.1 mi W. of, along County Road 3626 to junction of County Road 3632; on SW. side of triangle formed by junction; 130 ft SE. of W. point of triangle; 100 ft NW. of S. point of triangle; 24 ft SW. of centerline of rd.; 39 ft NE. of NE. corner of cement block building; on dirt bank; 3 ft E. of telephone pole; in concrete post; standard tablet stamped "71 EGB 1965 690" 689.990
- 5 26 5.74 Providence Rest Home, 2.9 mi W. of, along County Road 3626; 0.8 mi E. of centerline of U. S. Highway 521 at junction of road 3626; 27 ft N. and 8 ft W. of, and 2.5 ft higher than centerline of rd. at junction of T-rd. NE.; in concrete post; standard tablet stamped "72 EGB 1965 663" 663.081
- 5 27 6.58 "40 EGB 1965 651" (Described in line 6) 651.226

LINE 11.NGVD 29
Elevations

By E. G. Bates, 1965; Book AV 1391

- 5 29 0.00 "ET 5 JRH 1965" (Described in line 8) 689.119
- 5 30 0.99 Charlotte, 6.9 mi S. of, along U. S. Highway 21, thence 0.9 mi E. along County Road 3657 to wooden bridge over Little Sugar Creek; 18 ft S. and 30 ft E. of, and 1.1 ft lower than centerline of rd. at E. end of bridge; on fill bank; in concrete post; standard tablet stamped "78 EGB 1965 566" 566.161
- 5 32 2.01 Charlotte, 6.9 mi S. of, along U. S. Highway 21, thence 1.7 mi E. along County Road 3657, thence 0.3 mi N. to junction of Y-rd.; 120 ft N. of junction; 31 ft E. of centerline of rd. NW.; 26 ft W. of centerline of rd. NE.; in grass plot in rd. fork; in concrete post; City of Charlotte standard disk stamped "CITY OF CHARLOTTE SURVEY MARK NO 206" 669.291
- 5 33 3.03 Charlotte, 6.9 mi S. of, along U. S. Highway 21, thence 1.7 mi E., thence 0.3 mi N., thence 1.0 mi NE. along county rds.; 0.8 mi SW. of Sharon Presbyterian Church; 73 ft NE. and 22 ft SE. of, and 1.8 ft higher than centerline of rd. at junction of T-rd. W.; 3 ft SE. of telephone pole; in concrete post; standard tablet stamped "79 EGB 1965 696" 696.594
- 5 34 4.08 Sharon Presbyterian Church, 0.2 mi N. of, along county rd. to junction of T-rd. E.; 28 ft S. and 39 ft E. of, and 3.6 ft higher than centerline of rd. at junction; 7 ft W. of trunk of 10 in. oak tree; in concrete post; standard tablet stamped "80 EGB 1965 707" (Reported destroyed, 1967) 706.646

LINE 11 (Cont'd)Feet

5 35	4.08	Sharon Presbyterian Church, 0.2 mi N. of, thence 0.8 mi E. along Sharon View Road to bridge over McMullen Creek; 60 ft SE. of USGS gaging station shelter; 12 ft S. of, and 1.0 ft lower than centerline of rd. at E. end of bridge; in SE. concrete wingwall; standard tablet stamped "81 EGB 1965 610"	609.881
5 37	5.89	Sharon Presbyterian Church, 0.2 mi N., thence 1.8 mi E. of, along Sharon View Road; 1.2 mi SW. of Charlotte SE. city limits; 45 ft N. and 28 ft E. of, and 1.2 ft higher than centerline of crossroads; 3 ft N. of telephone pole; in concrete post; standard tablet stamped "82 EGB 1965 691"	691.165
5 38	6.97	Charlotte SE. city limits, 0.2 mi SW. of, along Carmel Road to junction of I-rd. S.; 18 ft NW. and 17 ft NE. of, and 0.3 ft higher than centerline of rd. at junction of I-rd.; 6 ft NE. of telephone pole; in concrete post; standard tablet stamped "83 EGB 1965 699"	699.162
5 39	7.64	Charlotte, 0.5 mi NW. of SE. city limits, along State Highway 16 (Providence Road); 280 ft SE. of centerline of rd. at junction of I-rd. E.; 30 ft W. of, and 5.5 ft lower than centerline of southbound traffic lane; 75 ft S. of powerline; at 25 ft concrete box culvert over McMullen Creek; in top of S. end of W. concrete headwall; standard tablet stamped "84 EGB 1965 648" (Tied by NGS, 1971)	648.926
5 40	8.25	Charlotte, 0.5 mi NW. of SE. city limits, along State Highway 16, thence 0.5 mi E. along Meadowood Lane, thence 300 ft S. along Randolph Road to bridge over McMullen Creek; 300 ft N. of centerline of rd. at junction of I-rd. E.; 26 ft E. of, and level with centerline of Randolph Road at bridge; in S. end of E. concrete wheel-guard; standard tablet stamped "85 EGB 1965 658"	658.595
5 41	9.16	Charlotte, 1.0 mi E. of SE. city limits on State Highway 16, along Sardis Road; 1.4 mi SW. of RR. crossing in Rama, along Rama Road; 42 ft N. and 27 ft W. of, and 1.2 ft lower than centerline of rd. at junction of I-rd.; 3 ft N. of telephone pole; in concrete post; standard tablet stamped "86 EGB 1965 745"	746.253
5 43	10.44	Rama; 500 ft SW. of grade crossing of Seaboard Air Line Railway; at small stream and sharp curve; 200 ft NE. of centerline of crossroads; 15 ft SE. of, and level with centerline of rd. at curve; in SE. concrete headwall of culvert; standard tablet stamped "87 EGB 1965 692"	693.038
5 44	11.22	Rama, 0.7 mi NE. of; 200 ft E. of large dwelling; 120 ft S. of centerline of crossroads; 30 ft E. of U. S. Highway 74; in concrete post; North Carolina Geodetic Survey standard disk stamped "NC 417"	748.643

LINE 12.

By R. L. Meador, 1966; Book AV 1436

9 18 0.00 "682.925 C 41 1932" (NGS)

NGVD 29
Elevations

682.892

LINE 12 (Cont'd)Feet

9 19 1.10 Charlotte, 1.0 mi NW. of post office, along State Highway 16, thence 0.9 mi W. along Tuckaseger Road, thence 0.2 mi SE. along Thrift Road; about 72 ft S. of, and 2.0 ft lower than centerline of rd. at RR. crossing; 3 ft S. of Goodyear Tire Sign; 0.5 ft NE. of metal witness post; in concrete post level with ground; standard tablet stamped "123 JAS 1966 692"

692.268

9 21 1.97 Charlotte, 2.3 mi NW. of post office, along State Highway 16, thence 0.1 mi NW. along Rozzell's Ferry Road, thence 0.6 mi SW. along Norwood Drive, thence 0.2 mi SW. along Parkway Avenue; about 83 ft SW. of, and 1.0 ft lower than centerline of rd. at RR. crossing; 0.5 ft E. of metal witness post; in concrete post projecting 1 in. above ground; standard tablet stamped "122 JAS 1966 699"

698.782

LINE 13.

By R. L. Meador, 1966; Book AV 1436

7 1 0.00 "W 40 1932" (HGS)

632.269

LINE 14.

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

7 40 5.70 "51 EGB 1965 721" (Described in line 9)

721.464

NGVD 29
Elevations