35-079-22 CLIF DALE DUADMANGLE MORTH CACCLINA N3500-W7900/15 DIAGRAM NI 17-3 RALEIGH

FAYETTEVILLE

(72)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

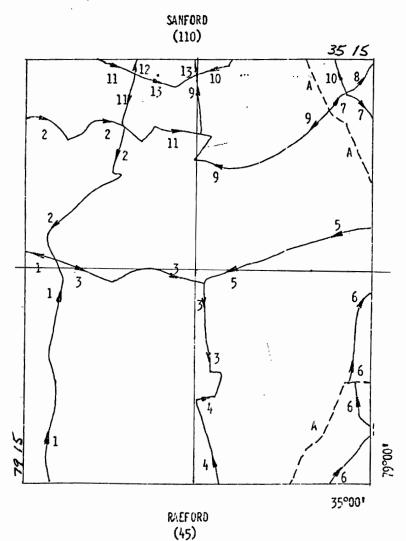
Cumberland, Hornett, Hoke, and Moore Counties

Final adjustment of 1974

Edition of 3/24/75

PR: WSM/rmc .

MGAD 58



NGS (USCAGS) VERTICAL CONTROL MATA

A. Quadrangle 350792

SOUTHERN PINES

(74)

910 825 4616

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		( U T NJ)

NGVD 29 Elevations

ISOLATED BENCH MARKS (By R. G. Clinite, H. P. Kilby, G. F. Brockman, R. T. Mafit, E. K. Nelson, and C. H. Semper, 1918; Books B 308-312, B 321, B 322; B334-B 336)

Feet

Clifdale, 0.8 mi E. of; 6.9 mi W. of Fayetteville; along S. side of rd.; 15 ft E. of rd. forks; on iron post; standard cap stamped "1918 228"

227.706

Clifdale, 1.7 mi W. of, along W. side of rd.; 15 ft W. of junction of dim rd. N.; on iron post; standard cap stamped #1918 214" 474

214.486

Clifdale, 3.8 mi SW. of; 1.1 mi E. of Cumberland-Hoke County line; at crossroads; on N. USGS FLM side of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 405 M 1918 268" NOT FOUND 89/64 268.083

Clifdale, 6.4 mi SW. of, 7.0 mi E. of Campbells Crossroads; 4.0 mi S. of Longstreet Church; 310 ft S. of intersection of Chicken and Preachers rds.; on W. side of Preachers rd.; on Iron post; standard cap stamped "PRIM TRAV STA NO 45 MAC 1918 294" \_\_\_\_\_ NOT FOUND

294.274

4565

Campbells Crossroads, 3.9 mi E. of; 0.9 mi W. of crossing of Puppy Creek; 150 ft N. of farmhouse; on S. side of rd.; on iron post; standard cap stamped "1918 292" (Reported destroyed, 1948)

476

292.186

Campbells Crossroads, 3.1 mi E. of; 110 ft W. of McDuffie Creek; 50 ft W. of rd. forks; on S. side of rd.; on iron post; standard cap stamped MPRIM TRAV SIA NO 54 B 1918 305" (Reported destroyed, 1948)

305.318

Campbells Crossroads, 2.6 mi E. of, 18.0 mi W. of Fayetteville; 7.0 mi NE. of Raeford; 600 ft SW. of intersection of Chicken and Mulatto rds.; 170 ft S. of Chicken rd.; on highest part of hill locally known as Finalyson Mountain; in top of 18- by 18-in. concrete post 30 in. In ground; standard tablet designated "FINLAYSON" and stamped "495"

495.208

Campbells Crossroads, 1.1 mi E. of, 0.2 mi W. of crossing of Nicholson Creek; 150 ft W. of house on Cameron plantation; on S. side of rd.; on iron post; standard cap stamped "1918 297" (Reported destroyed, 1948)

297.148

Campbells Crossroads; about 7.0 mi N. of Raeford; 12 ft S. and 17 ft W. of intersection of Chicken and Raeford-Vass rds.; on iron post; standard cap stamped "PRIM TRAV STA NO 31 MAC 1918 412" (Reported destroyed, 1948)

412.139

McPherson Mountain, 0.4 mi NE. of summit; 8.5 mi (airline) SE. of Southern Pines; 1.7 mi NW. of intersection of Raeford-Vass and Yadkin rds.; 240 ft SW. of rd.; 12 ft N. of blazed oak tree; on iron post; standard cap stamped "PRIM IRAV STA NO 41 NVC 1918 466"

466.058

McPherson Mountain, 1.8 mi St. of, 2.0 mi NW. of Battlefield farm; 15 ft N. and 30 ft W. of intersection of abandoned Morganton and Raeford-Vass rds.; on iron post; standard cap stamped "PRIM IRAV STA NO 42 MAC 1918 426" (Rrobably disturbed prior to 1946)
526

425.384

Reference mark; 125 ft NE. of tublet; 70 ft E. of centerline of rd.; in base on W. side of 12 in. pine tree; rail spike

425.37

Battlefield farm, 0.9 mi NE. of, 0.4 mi S. of summit of Gaddys Mountain; 200 ft SM. of dwelling; 10 ft W. of junction of rd. S.; on iron post; standard cap stamped PRIM IRAV STA NO 29 MAC 1918 439" (Reported not found, 1948)

N. and 30 ft W. of intersection of Old Plank rd. and Raeford-Vass rd.; on iron post; standard cap stamped 'PRIM IRAV SIA NO 49 B 1918 336" (Reported destroyed, 1942) 461

Campbells Crossroads, 1.6 mi N. of; 1.5 mi SW. of Battlefield farm; 20 ft W. of junction of Raeford-Vass rd. and rd. NE. to Battlefield farm; on iron post; standard can stamped "PRIM TRAV STA NO 30 MAC 1918 406" (Reported destroyed, 1948) 522

Battlefield farm, 2.3 mi E. of, thence 1.0 mi S.; 600 ft N. of abandoned dwelling of Angus Ray; 25 ft N. of crossroads; on iron post; standard cap stamped MPRIN IRAV SIA NO 55 B 1918 324" (Reported destroyed, 1948) 486

336,479

406.291

CLIF DALE OUADRANGLE	73 NORTH CAROLIN	•	35-079-22
ISOLATED BENCH MARKS (Cont'd)		NGVD 29 Elevations	Feet
Fayetteville, 10.0 mi NM. of, 2.6 mi SE milepost 10; 15 ft S. of centerline o MPRIM TRAV STA NO 8 MAC 1918 322"	-		<b>322.4</b> 52
Fayetteville, about 9.5 mi NW. of, 1.2 of hill; in top of 18- by 18-in. cond "VAUGHN" and stamped "427"	rete post 26 in. in gro		426.124
Tank Hill, 0.7 mi S. of, thence 0.9 mi standard cap stamped 'PRIM TRAV STA N			407.961
Tank Hill, 350 ft SE. of wooden water t rd.; 6 ft S. of tree; on iron post; s			19 367.967
Tank Hill, 1.6 mi NW. of, 1.5 mi S. of crossroads; on SE. side of rd.; on ir "PRIM TRAV STA NO 401 M 1918 265" (Re	on post; standard cap st		265.325
Tank Hill, 4.0 mi N. of, 0.7 mi SW. of in Manchester rd.; 12 ft SW. of entra standard cap stamped "PRIM IRAV STA N 5/3	nce to farm buildings; 10 16 MAC 1918 178" (Repo 3	in fence corner; on iron post; orted not found, 1948)	177-948
Manchester, 0.5 mi SE. of Atlantic Coa rd. crossing at tool house; 20 ft NE. *PRIM TRAV STA NO 17 MAC 1918 190" 5	of track; on iron post		190.128
Longstreet School, 0.8 mi SE. of; 15 ft post; standard cap stamped "PRIM TRAV			353.467
Longstreet School, 1.3 mi SW. of, 1.8 m Noke County line; 18 ft N. of centerl iron post; standard cap stamped "PRIM	ine of rd.; in edge of v TRAV STA NO 10 MAC 1910	woods; 10 ft W. of oak tree; on	360•277
Longstreet Church, 240 ft E. of, 20 ft "PRIM TRAV STA NO 11 MAC 1918 380" (R	NW. of Yadkin rd.; on i	ron post; standard cap stamped u	SGS RLM 104 388.119
569 Longstreet Church, 1.7 mi N. of, 360 ft on NV. side of rd.; on iron post; sta	: SW. of intersection of indard cap stamped "PRIM K\O	Carthage rd. and NESW. rd.; URAV STA NO 12 MAC 1918 378"	565 REPORT 5 377.813
Fort Bragg Reservation; 31 ft S. of cendumping Run Creek; 500 ft W. of centere on N. side of rd.; 150 ft NE. of top of ground on downhill side; stand	terline of Manchester Re Frline of Latham Road; 10 track in 14 in. pine t Ward tablet stamped "RESI	03 ft S. of nail in 12 in. pine ree; in concrete post flush with	
"PTS NO 13 MAC 1918 271") (Reported d <b>548</b> Monroe Bridge, 4.1 mi SW. of, 0.6 mi NE	. of crossing of Manche	ster rd. and Cumberland—Hoke	265.618
County line; 530 ft SW. of crossing of centerline of rd.; on iron post; s USGS REPO			206.163

	•		6
ISOLATED BENCH MARKS (Cont'd)		NGVD 29 Elevations	Feet
Monroe Bridge, 1.4 mi SW. of, 0.3 mi S. o crossing; 250 ft N. of two-story white on iron post; standard cap stamped "PRI	house; on bank; 12 ft N.	of centerline of rd.;	1948) 184.093
Monroe Bridge, 0.8 mi W. of, thence 1.2 m of rd. at rd. forks SW.; on hill near h MPRIM TRAV STA NO 406 M 1918 223" 500	ouse and store; on iron p		223•201
Fayetteville, about 14.0 mi Mw. of, along of Yadkin rd.; 75 ft SE. of gate; on su post 26 in. in ground; standard tablet	mmait of ridge; in field;	in 18- by 18-in. concrete	REPORT
Fayetteville, about 15.0 mi NW. of, 0.5 m Polly Ray Mountain; in concrete post; s			
Longstreet Church, 1.8 mi NW. of, 1.3 mi Creek and Deep Creek; at rd. forks; on 'PRIM TRAV STA NO 407 M 1918 353" (Repo	iron post; standard cap s		352.968
Longstreet Church, 3.1 mi NW. of, 3.4 mi	SE. of Morrison bridge ov		of source aging
Willie Ray farm; on Carthage rd.; 600 f on iron post; standard cap stamped "PRI	M TRAV STA NO 50 B 1918 2	96" (Reported disturbed, 1942)	
Longstreet Church, 157 oi W. of, 3.7 mi N on iron post; standard cap stamped PPRI			1948) 372.756
Southern Pines, 13.0 mi SE. of, 1.0 mi NE wooded hill locally known as Gaddys Mou ground; standard tablet designated "GAB	ntain; in top of 18- by 1	8-in. concrete post 30 in.	
Fayetteville, about 8.0 mi (airline) NW. rd.; at junction of rd. NW.; 5 ft E. of "PRIM TRAV STA NO 59 B 1918 289" (Reported to the state of the stat	of, 1.5 mi NE. of Red Hil centerline of rd.; on it		
Red Hill Church, 0.7 ml W. of, thence 1.8 between Bones and Stowarts Creek; 230 f standard cap stamped "PRIN TRAV STA NO	t Mv. of house; on E. sid	le of rd.; on iron post;	89/04 350.654
Fayetteville, about 12.0 mi NW. of, along 0.2 mi S. of Yackin rd.; 400 ft NE. of top of 18- by 18-in. concrete past 26 i stamped "418"	rd. clong NE. side of fie	ld; on summit of hill; in	417.567
Longstreet School, 1.9 mi S. of, 1.1 mi N and School; 80 ft SE. of cuntarline of cap stamped PRIM TRAV STA NO 60 B 1918	rd. at junction of I-rd. 290.5" LISGS	N. an iran nocto etandard	h
Longstreet School, 3.9 mi SE. of, 0.7 mi of crossroads; on iron post; standard c (Reported destroyed, 1947)	S. of Morganton rd.; 5 ft		ine 298.829

#### ISOLATED BENCH MARKS (Cont'd) Feet Longstreet Church, 2.6 mi SC. of, 1.3 mi SE. of Morganton rd.; 0.7 mi N. of Zion Wall Church; 10 ft W. of centerline of rd.; on imm post; standard cap stamped NOT FOUND 89/04 WRIN TRAV STA 110:44 MAC 1918:338" USGS RLM 337-925 Battlefield farm, 3.5 mi NE. of, 1.6 mi SE., thence 1.0 mi SW. of Morrison Bridge over Little River; on ridge between flat and Mill Creeks; Oal mi SW. of centerline of rd. at junction of Y-rd.; 6 ft W. of centerline of rd. about 25 ft above ground in drop zone-cleared area; on iron post; standard cap stamped "327" 327.506 Morrison Bridge, U.6 mi S. of, 364 ft N. of junction of Manchester and Raeford-Vass rds.; on E. side of rd.; on iron post; standard cap stamped "PRIM TRAV SYA NO 51 B 1918 251" (Reported 483 NF 86/05 251.030 disturbed, 1959) NIF 3/88 Morrison Bridge, 2.8 mi SW. of, along SE. side of Raeford-Vass rd.; 3.4 mi N. of intersection of Morganton rd.; in S. angle of junction of second-class rd. SE.; on from post; standard cap stamped 'PRIM TRAV STA NO 52 B 1918 358" (Reported destroyed, 1948) 484 358.068 Morrison Bridge, 4.4 mi SW. of, 0.2 mi E. of McCrimmon Church; 1.5 mi SE. of McCloud Cemetery; 6 ft S. and 12 ft E. of centerline of crossroads; on iron post; standard cap stamped "PRIM TRAV STA NO 68 B 1918 357" (Reported destroyed, 1948) 356.760 498 Southern Pines, 10.0 mi NE. of; 0.7 mi E. of McCloud Cemetery; 60 ft N. of dim rd. W.; on W. side of N.-S. rd.; on wooded hill; on property of Mr. Gilliland; in too of 8- by 8-in. concrete post 26 in. in ground; standard tablet designated "GILLILAND" and stamped "382" 382.211 McCloud Cemetery, 1.7 mi E. of, 250 ft S. of James Creek; on NW. side of rd.; on iron post; 229.512 standard cap stamped IPRIM TRAV STA NO 70 B 1918 229" Montrose, 6.0 mi E. of, along Raeford-Vass rd.; 3.5 mi S. of Campbells Crossroads; 3.5 mi N. of Raeford; 10 ft W. of centerline of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 66 B 1918 310" (Reported destroyed, 1948) 309.951 490 Raeford, about 4.5 mi (airline) NE. of, 3.0 mi E. of Raeford-Vass rd.; 1.5 mi SE. of Rock Hill Church; 2,5 mi SW. of junction of Raeford Highway and Old Plank rd.; 250 ft NE. of old house; on iron post; standard cap stamped "PRIM TRAY STA NO 65 MAC 1918 306" (Reported destroyed, 1948) 306.217 530

## LINE 1.

By R. L. Beitle, 1946; Book V 262

Raeford, 3.2 mi N. of station, along Raeford-Vass rd.; 2.5 mi S. of junction of Raeford-Vass and Plank rds.; 33 ft W. of centerline of rd.; 62 ft SE. of SE. corner of white frame house; 3 ft W. of twin 10 in. wild cherry tree; in concrete post; standard tablet stamped 137 RLB 1946 279" USGS Report "MARK FOUND KNOCKED OVER DESTROYED 279.355

Reference mark; 105 ft NNW. of tablet; 98 ft W. of centerline of rd.; 9 ft N. of lane at NE. corner of house; in root on E. side of 30 in. lone oak tree; copper nail and washer

278,49

USCE standard disk stamped "20 + 367"

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LINE 1 (Cont'o)	Feet
Raeford, 4.4 mi N. of, along Raeford-Vass rd.; 1.3 mi S. of junction of Raeford-Vass and Plank rds.; 37 ft N. and 27 ft W. of junction of field rd. W.; in concrete post projecting 4 in. above ground; North Carolina Geodetic Survey standard disk stamped 174 + C 424 P	<b>3</b> 08 <b>.</b> 376
Reference mark; 66 ft E. of tablet; 40 ft E. of centerline of rd.; 1 ft S. of field rd. E.; in base on S. side of 18 in. pine tree; rail spike	308.73
Racford, 6.8 mi N. of, along Racford-Vass rd.; 1.0 mi S. of junction of Racford-Vass and Chicken rds.; 63 ft E. of centerline of Racford-Vass rd.; N. one of two cuts; 25 ft E. of E. edge of deep cut; 62 ft N. of telephone pole; 9 ft E. of centerline of dim rd. parallelNOT FOUND 8 to main rd.; in concrete post projecting 4 in.; standard tablet stamped 138 RLB 1946 391" 541	
Reference mark; 279 ft S. of tablet; 81 ft E. of centerline of Raeford-Vass rd.; at head of drain; between two knolls; 13 rt E. of centerline of dim rd. parallel to main rd.; 32 ft E. of telephone pole; in root on NW. side of 10 in. oak tree; copper nail and washer	384.66
Raeford, 9.2 mi N. of, along Raeford-Vass rd.; 2.0 mi S. of junction of Raeford-Vass and Longstreet rds.; 50 ft E. of centerline of Raeford-Vass rd.; 12 ft E. of telephone pole 2979; in concrete post; standard tablet stamped "39 RLB 1946 409" USGS REPERT RIOT FOUND 5904	L00-313
Reference mark; 125 ft W. of tablet; 73 ft W. of centerline of rd.; in base on E. side of 12 in.plne tree; rail spike	406.60
LINE 2.	
By R. L. Beitle, 1946; Book V 262	
Lobelia, 0.5 mi S. of, thence 0.9 mi SW., along dirt rd.; 475 ft W. of center of wooden bridge over Little River; 38 ft S. of centerline of rd. on curve; in concrete post; standard tablet stamped "43 RLB 1946 214" (Reported destroyed, 1950).	214.039
Reference mark; 72 ft E. of tablet; 29 ft S. of centerline of rd.; near W. end of sand pit; in base on W. side of 10 in. pine tree; rail spike	215.20
Lobelia, 0.4 mi NW. of Little River community house, along dirt rd.; 32 ft SW. of centerline of rd.; 88 ft SE. of SE. corner of store; 1/4 ft E. of SE. corner of white frame house; in yard; in concrete post; North Carolina Geodetic Survey standard disk stamped "NAC 427"  See Wood love Leads (Modele Co.)  REGOVERED AS DESCRIBED.	*290.4° ************************************
tobelia, 1.2 mi E. of, 2.2 mi N. of ranger State 3; on military reservation; 47 ft N. and 47 ft E. of centerline of crossroads; in concrete post projecting 4 in.; standard tablet stamped "44 RLB 1946 208"  Not From the processing of the standard tablet stamped "44 RLB 1946 208"  Not From the processing of the standard tablet stamped "44 RLB 1946 208"	207.276
Reference mark; 21 ft NW. of tablet; 40 ft E. of centerline of NS. rd.; in base on E. side of 20 in. water oak tree; rail spike	207.71
Ranger Station 3 (junction of Manchester and Raeford-Vass rds.), 2.3 mi SN. of, along Raeford-Vass rd.; 3.0 mi NE. of junction of Longstreet rd.; 192 ft SW. and 293 ft SE. of junction of woods rd. SE.; 44 ft W. of centerline of woods rd.; in concrete post projecting 5 in.;	

NGVD 29 Elevations

# LINE 2 (Cont'd)

Feet

Ranger Station 3 (junction of Manchester and Raeford-Vass rd.); 3.1 mi SW. of; 2.2 mi NE. of junction of Longstreet rd.; along Raeford-Vass rd.; 83 ft SW. and 50 ft NW. of junction of woods rd. W.; 9 ft NW. of centerline of woods rd.; 50 ft NW. of centerline of main rd.; 5 ft W. of 12 in. plne tree; in concrete post projecting 5 in.; USCE standard disk stamped "24 211" (Reported disturbed,, 1948)

USCS RLM

NOT FOUND 89/05 410.585

Ranger Station 3, 3.9 mi SW. of, 1.3 mi NW. of junction of Longstreet rd., along Raeford-Vass rd.; 81 ft NE. and 31 ft NW. of junction of woods rd. NW.; in concrete post projecting 3 in.; North Carolina Geodetic Survey standard disk stamped "N C 426" USCS REGISTROUND 89/05 417.985

Ranger Station 3, 4.2 mi SW. of, 1.0 mi NW. of junction of longstreet rd., along Raeford-Vass USGS RLM rd.; 24 ft E. of centerline of rd.; 52 ft N. and 24 ft E. of top of sharp hill S.; 47 ft SW. of telephone pole; in concrete post projecting 6 in.; USCE standard disk stamped "20 453" NOT FOUND 8/451.725

## LINE 3.

By N. D. Smith, 1946; Book V 262

	Intersection of Raeford-Vass and Longstreet rds.; 1.0 mi E. of, along Longstreet rd.; 45 ft E. of intersection of rd. to sunken target ranges 3 and 4; 50 ft N. of centerline of rd; in concrete post; standard tablet stamped "7 NDS 1946" 536	424.990
	Reference mark; 55 ft E. of tablet; in base on S. side of 28 in. pine tree; rail spike	424.49
	Intersection of Raeford-Vass and Longstreet rds.; 4.9 mi SE. of, along Morganton rd.; 1.6 mi NW. of intersection of Morganton and Preacher rds.; in top of S. wingwall of culvert over Black Creek; standard tablet stamped 48 NBS 19464 537	258.326
-	Reference mark; 15 ft N. of tablet; on NE. corner of wingwall of culvert over Black Creek; chiseled square	258.37
	U.E., intersection of Morganton and Preachers rds.; 0.5 mi NV. of, along Morganton rd.; on N. end of E. wingwall of culvert over Patterson Creek; chiseled square	292.61
	Fort Bragg, 1.2 mi S. of intersection of Longstreet and Preachers rds.; along Preachers rd.	

Fort Bragg, 1.2 mi S. of intersection of Longstreet and Preachers rds.; along Preachers rd. to intersection of Preachers and Morganton rds.; 102 ft W. of centerline of Preachers rd.; 36 ft S. of centerline of Morganton rds.; 41 ft W. of telephone pole; in concrete post; standard 1964 353" 498 495 RLM PROBABLY LOST 804 353.350

Reference mark; 122 ft W. of centerline of Preachers rd.; 39 ft S. of centerline of Morganton rd.; in root on E. side of 5 in. pine trge; copper nail and washer 353.50

U.E., intersection of Morganton and Preachers rds.; 1.0 mi S. of, along Preachers rd.; 1.8 mi N. of Chicken rd.; 50 ft E. of centerline of rd.; in base on W. side of telephone pole 2580; rail spike

Intersection of Morganton and Preachers rds.; 2.0 mi S. of, along Preachers rd.; 0.9 mi N. of Chicken rd.; about 45 ft W. of centerline of rd.; in N. boundary line of small cemetery; in concrete post; standard tablet stamped 9 NDS 1946 mg/h

326.55

298.769

25 ft SW. of SW. corner of building I 1 lb; in root on N. side of lb in. sycamore tree; rail spike

289.28

Fort Bragg; at intersection of Gruber and Longstreet rds.; 37 ft N. of centerline of Longstreet rd.; 37 ft W. of centerline of Gruber rd.; 61 ft SE. of SE. corner of Range Control Office; in concrete post; standard tablet stamped '6 JRR 1946 283" LIQU

283.116

Reference mark; 42 ft N. of centerline of Longstreet rd.; 32 ft E. of centerline of Gruber rd.;; on top of culvert retaining wall; chiseled square

283.53

Fort Bragg, 0.2 mi S. of intersection of Gruber and Longstreet rds.; along Gruder rd.; at top of Hill 110: 120 ft N. of centerline of rd.; 300 ft S. of centerline of rd. at junction of F-rd. W.; in concrete post; USCE standard disk stamped "367" 560

CLIF DALE" QUADRANGLE	73 NORTH CARO	LINA	35-079-22
LINE 5 (Cont'd)		NGVD 29 Elevations	11 Feet
	ction of Longstreet and Ya	, , , , , , , , , , , , , , , , , , , ,	317.321
Reference mark; 149 ft W. of tab centerline of rd. NW.; in root	let; 73 ft N. of centerlin		317.62
of Longstreet rd.; 24 ft W. of stamped "18 JRR 1946 334" 498	conterline of Street rd.;	eachers rds.; 30 ft S. of centerline in concrete post; standard tablet NOT FOUND 89/05 e of Street rd.; 53 ft S. of centerline	334.438
of Longstreet rd.; in NE. side			335•26
"5 JRR 1946 353" (Described in 1	ine 3)		<b>3</b> 53 <b>.</b> 350
Reference mark; 20 ft W. of table centerline of Morganton rd.; in	•	o of Preachers rd.; 39 ft S. of pine tree; copper nail and washer	353.50
	LINE 6.	•	
By R. L. Beitle, 1946; Book V 26	2		
	enterline of rd. at curve;	of center of wooden bridge over Little in concrete post; standard tablet	140.802
		e of rd.; in root on NW. side of 10 in.	139.04
	∑ogs into Fayettevil	le quadrangle/	
Rockfish Railroad track; 33 ft	NW. of NW. rail of main t	of rd. at crossing of Aberdeen and rack; in concrete post projecting	
1 in. above ground; North Caro (Possibly disturbed) (NGS elev			237.183
110 74 1935" (NGS)			233-323
		nction of Chicken and Reilly rds.; oncrete post; standard tablet PROBABLY LOST 89/04	andres: 290.132
Reference mark; 22 ft NW. of tab dirt rd.; on top of 4- by 4-in	-	. of centerline of crossroads, along ay post; chiseled "U"	290.89

L	INE	7.

Feet

By J. R. Rigby, 1946; Book V 262

Overhills, on right-of-way of A. C. L. RR.; about 600 ft NW. of block signal at RR. station;

162 ft SE. of milepost 97; 114 ft N. of N. side of culvert at first rd. crossing N. of RR.

station; on prolongation of tangent to right rail toward Fayetteville; 6 ft SW. of SW. rail;

in concrete; NGS standard triangulation station disk stamped "OVERHILLS 1918" (Probably disturbed)

USGS REPORT RLM

NOTFOUND 89/05

197.032

Overhills, 1.4 mi NE. of, 17 ft N. and 20 ft E. of junction of State Highway 87 and dirt rd.; 12 ft SE. of 10 in. pine treu; in concrete post projecting 6 in. above ground; standard tablet stamped "TT 1 WAC 1946 298"

298-988

Reference mark; 40 ft NW. and 55 ft NE. of junction of hwy. and dirt rd.; in root on SW. side of 12 in. pine tree; copper nail and washer

299.40

# LINE 8.

By R. L. Beitle, 1946; V 262

There are not permanent marks in this line in this quadrangle.

NGVD 29 Elevations

### LINE 9.

By N. D. Smith, 1946; Book V 262

washer

NGS standard triangulation station disk stamped "OVERHILLS 1918" (Described in line 7)

197.032

Overhills, 1.5 mi SW. of, along rd. to Mount Pleasant Church; 0.7 mi NE. of Cumberland-Narmott County line; 18 ft SW. of certerline of crossroads; 30 ft SW. of centerline of rd.; in concrete post; standard tablet stamped "1 NDS 1946" USGS REPORT RLM NOTFOUND 89/05 299.451

Overhills, 3.6 mi SW. of, along rd. to Mount Pleasant Church; 220 ft E. of 36 in. concrete pipe culvert; 30 ft S. of centerline of rd. at junction of woods rd. E.; in concrete post; standard tablet stamped "2 NDS 1946" USGS REPORT RLM NOT FOUND 89/05

189.576

Reference mark; 25 ft ME. of tablet; in root on S. side of 8 in.. pine tree; copper nail and

190.45

Overhills, 6.5 mi SW. of, along rd. to Mount Pleasant Church; 130 ft W. of concrete culvers over Turkey Creek; 55 ft S. of conterline of rd.; in concrete post; standard tablet stamped #3 NDS 1946" USGS REPORT RLM NOTFOUND 89/05

231.759

Reference mark; 20 ft NE. of teblet; in base on NE. side of 30 in. pine tree; rail spike

230.80

Overhills, 7.0 mi SW. of, along rd., thence 1.2 mi N., along firebreak; 3.1 mi f. of Mount Pleasant Church; 6.6 mi SW. of Spout Springs; at intersection of rd. and N.-S. firebreak; 40 ft E. of firebreak; 30 ft S. of centerline of rd.; in concrete post; standard tablet stamped "4 NDS 1946" 534

USGS REPORT RLM

,						
1 1 1	CLIFINALE QUADRAI	RGLE .	73 NORTH CAROLI	ina Ina		35-07922 13
	LINE 9 (Cont'd)	···				Feet
	Reference mark;	12 ft S. of tablet; i	n base on NW. side of 8	in. pine tree; ra	ail spike	337.68
	E.; 250 ft SW.	. of corner of cleared	rd. to Mount Pleasant Chu   field; 30 ft SW. of cer   USGS Ref	nterline of rd.; i	in concrete post;	342.088
	Reference mark;	20 ft NE. of tablet;	in base on NW. side of 8	in. pine tree;	rail spike	342.53
		•	LINE 10.		•	
	By N. D. Smith,	1946; Book V 262			:	
	îhere are no' po	ermanent marks in this	line in this quadrangle	1.		
			LINE 11.			
	By N. D. Smith,	1946; Book V 262				
7	Lobelia, 1.2 mi E. of, thence 2.4 mi N.; 100 ft SE. of SE. corner of Cypress Presbyterian Church; 100 ft Hr. and 50 ft W. of centerline of crossroads; in concrete post; standard tablet stamped Flush 1946 347" 8.5 m (28.0) NE CL SR 1107 See Woodlake 22.4 m (74.0) W CL SR 1103 See Woodlake					347.120
	Reference mark; washer	50 ft S. of tablet; i	n root on N. side of 12	in. Hickory tree;	copper nail and	346.44
	7-rd. SE.; 39 "11 NDS 1946" 539	See Woodlake by new reter	n(c5	ete post; standard Recovered as des	d tablet stamped	323.908
	•	tree; rail spike	42 ft S. and 45 ft E. of	. Lee Annection: 11	i pase on nw. side	324.03
			LINE 12.			
	By W. S. Monk,	1955; Book AV 432				
	3 1 0.00	TT 5 HEM 1946 347"	(Described in line 11)		NGVD 29 Elevations	347.120
			LINE 13.	,		
	By W. S. Monk, 1	1955; Book AV 432				
	3 56 0.00 1	'TT 5 HEN 1946 347" (	Described in line 11) (	(Also in line 12)		547.120
	3 57 1.30 0	J.E., at drain on N. e	nd of concrete pipe culv	vert; chiseled cm	)89	278.22

	NE 1	3 (Cont	.td)	Feet
3	58	2.12	Cypress Presbyterian Church; 2.1 mi E. of; 120 ft N. and 60 ft W. and 7.0 ft above junction of rd. W.; 62 ft E. of Pole D 15 105; in concrete post; standard	
. 3	59	2.30	tablet stamped "IT 4 HEM 1946 270" LISGS REPORT RLM MAY STILL EXIST. AREA HAS BEEN TIMBERED AND A NOT FOUND 89/05 Reference mark; 900 ft N. of tablet; at drain; on S. end of stone and concrete	269.99 <del>UP</del>
		_ , , .	headwall of culvert; chiseled cross	243.46
3	61	3.18	U.E., 230 ft S. and 30 ft E. of, and 1 ft lower than crossroads; on E. end of concréte pipe culvert; chiseled cross	389•32

# INDEX OF PERMANENT MARKS (Contid)

NORTH CAROLINA GEODETIC SURVEY	PAGE NO.	NGS	•	PAGE NO.
N + C 424 N △ C 285 PROBABLY LOST 89/04 N △ C 426 NOT FOUND 89/05 N △ C 427	8 11 9 8	OVERHILLS 1918 0 74 1935	NOT FOUND 89/05 NOT FOUND 89/04	12,12

SANFORD (110)

UPDATED. KED THIS OUAD HAS BEEN WEKE BROSENT FORWARD. ONLY LINES

35°15

Cumberland, Harnett, Hoke, and Moore Counties

Littion of 2/14/68

Supersedes edition of 10/16/46

Only the permanent marks are listed for lines run more than 25 years prior to above edition date.

#### USC&GS Leveling Lines

- A. 350792 (No. 102), First-order
- B. 350792 (No. 104), Second-order

#### INDEX OF PERMANENT MARKS

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PTS NO 25 MAC 1918 233 2 PTS NO 25 MAC 1918 355 2 PTS NO 27 MAC 1918 356 2 PTS NO 28 MAC 1918 336 2 PTS NO 29 MAC 1918 439 2 PTS NO 30 MAC 1918 439 2	24 211 28 + 367 3 TTA 132	* 5
PTS NO 27 MAC 1918 368 2 PTS NO 28 MAC 1918 335 2 PTS NO 29 MAC 1918 439 2 PTS NO 30 MAC 1918 439 2	USC&05 9 74 1935	
PTS NO 30 MAC 1918 406 2 PTS NO 31 MAC 1918 412 2	Q 74 1935 OVERHILLS 1918	6 6

#### LINE 1,

FROM FAYETTEVILLE QUADRANGLE AT FOINT 1.0 MILE EAST OF CLIFFALE WEST ALONG CHICKEN ROAD INTO SOUTHERN FINES QUADRANGLE AT FOINT 1.1 MILES WEST OF CAMPBELLS CROSSROADS (By R. G. Clinite, 1918; Book B309) 35078

Clirdale, 0.8 mi E. of; 6.9 mi W. of Fayetteville; along S. side of rd.; 15 ft E. of rd. forks; on iron post; standard cap stamped "1918 228"

Clifdale, 1.7 mi W. of; along N. side of rd.; 15 ft W. of junction of dim rd. N.; on iron post; standard cap stamped "1918 214"

Clifdale, 3.8 mi Sw. of; 1.1 mi E. of Cumberland-Hoke County line; at crossroads; on N. side of rd., on iron post; standard dap stamped "PRIM TRAY STA NO 405 M 1918 208"

NGVD 2

Peet

227.706 350792

214.486

350792 268.083

Elevation

	27 17	Dian dia (123)
79*15"	31	30 28 E
9	Lobelia 31 22 Ht. Pleas	29 overh111spt 27
	18 18	29 Nanchester 7 7 25 7
	17122	8 8 25
	21 23 21 21 22 2023	10 65 14 13 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
	2623	15,623
_	Michigan 1	1 26
PINES (78)	20 20 20	B 26
SOUTHERS PINES	21	26
	RAEFORD (45)	35 00

	mi SW. of; about 7.0 mi E. of Campbells	
	4.0 ml S. of Longstreet Church; 310 ft	
S. of inter	section of Chicken and Preachers rds.;	
on W. side	of Preachers rd.; on Iron post; standard	
cap stamped	of Preachers rd.; on Iron post; standard "PRIM TRAV STA NO 45 MAC 1918 29+"	

Camptells Crossroads, 4.9 mi E. of; 0.9 mi W. of crossing of Puppy Creek; 150 ft N. of farmhouse; on S. side of rd.; on iron post; standard cap stamped "1918 292" (Reported destroyed, 19-ô)

Campbells Crossroads, 3.1 ml E. of; 110 ft W. of McDuffie Creek; 50 ft W. of rd. forks; on S. side of rd.; on iron post; standard cap stamped "PRIM TRAY STA NO 54 B 1918 305" (Reported destroyed, 1948)

Campbells Crossroads, 2.6 mi E. of; about 18.0 mi W. of Fayetteville; 7.0 mi NE. of Raeford; 600 ft SW. of intersection of Chicken and Mulatto rds.; 170 ft 5. of Chicken rd.; on highest part of hill locally known as Finlayson Mountain; in top of 18-by 18-in. concrete post 30 in. in ground; standard tablet designated "FINLAYSON" and stamped "495"

Campbells Crossroads, 1.1 mi E. of; 0.2 mi W. of crossing of Nicholson Creek; 150 ft W. of house on Cameron plantation; on S. side of rd.; on ir post; standard cap stamped "1918 297" (Raported destroyed, 1948)

Pret

292.186

294,274

305.318

495.208

360,277

	Peet
Longstreet Church, 240 ft E. of; 20 ft NW. of Yadkin	
rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 11 MAC 1918 388" (Reported disturbed, 1948)	388.119
Longstreet Church, 1.7 mi N. of; 360 ft SW. of intersection of Carthage rd. and NESW. rd.; on NW. side of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 12 MAC 1918 378"	377.813
Fort Bragg Reservation; 31 ft S. of centerline of Manchester Road; 0.5 mi SE. of mouth of Jumping Run Creek; 500 ft W. of centerline of Latham Road; 103 ft S. of nail in 12-in. pine tree on N. side of rd.; 150 ft NE. of tack in 14-in. pine tree; in concrete post flush with top of ground on downhill side; standard tablet stamped "RESET 1952" (Replaces 'PTS NO 13 MAC 1918 271") (Reported destroyed, 1959)	265.618
Monroe Bridge, 4.1 mi SW. of; 0.6 mi NE. of crossing of Manchester rd. and Cumberland-Hoke County line; 530 ft SW. of crossing of little Creek; 160 ft from frame house; 10 ft NW. of centerline of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 14 MAC 1918 206"	206.163
Monroe Bridge, 1.4 mi SW, of; 0.3 mi S. of mouth of Juniper Creek; 380 ft W. of creek crossing; 250 ft N. of two-story white house; on bank; 12 ft N. of centerline of rd., on iron post; standard cap stamped "PRIM TRAV STA NO 15 MAC 1918 18+" (Reported not found, 1948)	184.093
LINE 9.	
FROM CROSSROADS 0.8 MILE WEST OF MONROE BRIDGE SOUTHWEST ALONG ROAD TO LONGSTREET SCHOOL (By G. F. Brockman, 1918 Book B312)	;
Monroe Bridge, 0.8 mi W. of, thence 1.2 mi SW.; 3.0 mi NE. of Longstreet School; on E. side of rd. at rd. forks SW.; on hill near house and store; on iron post; standard cap stamped "PRIM TRAV STA NO 406 M 1918 223"	350797. 223.201
Fayetteville, about 14.0 mi Nw. of, along Yadkin rd.; 1.0 mi Nw. of Longstreet School; 0.4 mi N. of Yadkin rd.; 75 ft SE. of gate; on summit of ridge; in field; in 18- by 1d-in. concrete post 26 in. in ground; standard tablet designated "MONROE" and stamped "486"	485.570
LINE 10.	
FROM LONGSTREET CHURCH NORTHWEST ALONG ROAD TO WILLIE RAY FARM THENCE NORTHEAST ALONG MANCHESTER ROAD ABOUT 2.0 MILES (By 0. F. Brockman, 1918; Book B312)	
Fayetteville, about 15.0 mi NW. of; 0.5 mi SW. of Longstreet Church; on knoll locally known as Polly Ray Mountain; in top of 13- by 15-in. concrete post 30 in. in ground; standard tablet designated "POLLY RAY" and stamped "466"	465.606
Longstreet Church, 1.8 mi Nw. of; 1.3 mi SE, of Willie Ray farm; on ricge between Jumping Run Creek and Deep Creek; at rd. forks; on iron post; standard cap stamped "FRIM TRAV STA NO 407 M 1918 353" (Reported destroyed, 1948)	<b>352.9</b> 68
Longstreet Church, 3.1 mi NW. of; 3.4 mi SE. of Morrison bridge over Little River; 0.2 mi N. of Willie Ray farm; on Carthage rd.; 600 ft SE. of main crossroads; 30 ft NW. of rd. fork S.; on iron post; standard cap stamped "PRIM TRAV STA NO 50 B 1915 295" (Reported disturbed, 1959)	295.761
LINE 11.	
FROM ROAD JUNCTION 0.8 MILE WEST OF LONGSTREET CHURCH SOUTHWEST ALONG YADKIN ROAD TO JUNCTION OF MCRGANTON ROAD 1.3 MILES NORTHEAST OF BATTLEFIELD FARM (By H. P. Kilby, 1918) Books B321 and B335)	
Longstreet Church, 1.7 mi W. of; 3.7 mi NE. of Battlefield farm; in NW. angle of crossroads; on iron post; standard cap stamped "PRIM TRAV STA NO 403 M 1918 373" (Reported destroyed, 1948)	-372.756
Southern Pines, about 13.0 mi SE. of; 1.0 mi NE. of Battlefield farm; 0.4 mi N. of Morganton rd.; on wooded hill locally known as Gaddys Mountain; in top of 18- by 18-in. concrete post 30 in. in ground; standard tablet designated "GADDYS" (Reported destroyed, 1948)	, 534 <b>.</b> 774
*****	

## LINE 12.

FROM POINT ON YADKIN ROAD ABOUT 9.0 MILES NORTHWEST OF FAYETTEVILLE SOUTH ALONG ROAD TO RED HILL CHURCH THENCE WEST ALONG MORGANTON ROAD O.7 MILE THENCE NORTHWEST TO YADKIN ROAD AT POINT 1.6 MILES SOUTHEAST OF LONGSTREET SCHOOL (By R. T. Mafit, 1915; Book B312)

Payetteville, about 8.0 mi (airline) NW. of; 1.5 mi NE. of Red Hill Church; 1.0 mi S. of Yadkin rd.; at Junction of rd. NW.; 5 ft E. of centerline of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 59 B 1918 289" (Reported not found, 1948)

289,064

CLIFDALE QUADRANGLE NORTH CAROLINA 73 N3500-W7900/15

Feet Red Hill Church, 0.7 mi W. of, thence 1.8 mi NW.; 2.6 mi SE. of Longstreet School; on ridge between Bones and Stewarts Creeks; 230 ft NW. of house; on E. side of ra.; on iron post; standard cap stamped "PRIM-TRAV STA NO 58 B 1918 351"

#### LINE 13.

FROM POINT ON YADKIN ROAD 0.8 MILE SCUTHEAST OF LONGSTHEET SCHOOL SCUTH AND EAST ALONG ROAD OVER MAC RIDGE TO YADKIN ROAD AT POINT 2.1 MILES SCUTHEAST OF LONGSTREET SCHOOL (By H. P. Kilby, 1918; Books B321 and B322)

Fayetteville, about 12.0 mi NW. of, along Yadkin rd.; 1.5 mi (airline) SE. of longstreet School; 0.2 mi S. of Yadkin rd.; 400 ft NE. of rd. along NE. side of field; on summit of nill; in top of 1d- by 1d-in. concrete post 25 in. in ground; standard tablet designated "MAC" and stamped "418"

417.567

#### LINE 14.

FROM LONGSTREET SCHOOL SOUTH ALONG ROAD TO CHICKEN ROAD AT POINT 3.2 MILES SCUTHWEST OF CLIFDALE (By E. K. Nelson, 1918; Book B311)

Longstreet School, 1.9 mi S. of; 1.1 mi N. of Morganton rd.; 0.6 mi NW. of Chapel Hill Church and School; 80 ft SE. of centerline of rd. at Junction of T-rd. N.; on iron post; standard cap stamped "PRIM TRAV STA NO 60 B 1918 290.5"

350 783 290.551

Longstreet School, 3.9 mi SE. of; 0.7 mi S. of Morganton rd.; 5 ft S. and 5 ft E. of centerline of crossroads; on iron post; standard cap stamped "PRIM TRAV STA NO 404 M 1918 298.9" (Reported disturbed. 1947)

298.829

#### LINE 15.

FROM LONGSTREET CHURCH SOUTHEAST ALONG PREACHERS ROAD TO CHICKEN ROAD (By E. K. Nelson, 1918; Book B311)

Longstreet Church, 2.6 mi SE. of; 1.3 mi SE. of Morganton rd.; 0.7 mi N. of Zion Wall Church; 10 ft W. of centerline of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 44 MAC 1918 338"

350783 337.925

#### LINE 16.

FROM ROAD JUNCTION 0.6 MILE NORTH OF BATTLEFIELD FARM NORTHEAST ALONG ROAD TO JUNCTION OF CARTHAGE ROAD, THENCE SOUTHEAST TO WILLIE RAY FARM (By C. H. Semper, 1918; Book B308)

Battlefield farm, 3.5 mi NE. of; 1.6 mi SE., thence 1.0 mi Sw. of Morrison Bridge over Little River; on ridge between Flat and Mill Creeks; 0.1 mi Sw. of centerline of rd. at junction of Y-rd.; 6 ft w. of centerline of rd. about 25 ft above ground in drop zone-cleared area; on iron post; standard cap stamped "327"

35079 327.506

#### LINE 17.

FROM ROAD JUNCTION 1.6 MILES SOUTHEAST OF MCRRISON BRIDGE NORTHWEST 1.0 MILE TO JUNCTION OF CARTHAGE AND HAEFORD-VASS ROADS THENCE SOUTHWEST TO INTERSECTION OF MORGANTON AND RAEFCRD-VASS RCADS (By C. H. Semper, 1918; Book B308)

Morrison Bridge, 0.6 mi S. of; 364 ft N. of junction of Manchester and Raeford-Vass rds.; on E. side of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 51 B 1918 251" (Reported disturbed,

Morrison Bridge, 2.8 mi SW. of; along SE, side of Raeford-Vass rd.; 3.4 mi N. of intersection of Morganton rd.; in S. angle of junction of second-class rd. SE, on iron post; standard cap stamped "PRIM TRAV STA NO 52 B 1918 358" (Peported destroyed. 1948)

251,030

#### LINE 18.

FROM ROAD JUNCTION 0.6 MILE SOUTH OF MORRISON BRIDGE SOUTHWEST ALONG ROAD TO CROSSROADS NEAR MOOFINMAN CHURCH THENCE NORTHWEST INTO SOUTHERN PINES QUADRANGLE NEAR MCCLOUD CEMETERY (By R. G. Clinite, 1918; Book B334)

Morrison Bridge, 4.4 mi SW. of; 0.2 mi E. of McCrimmon Church; 1.5 mi SE. of McCloud Cemetery; of ft S. and 12 ft E. of centerline of crossroads; on iron post; standard cap stamped
"PRIM TRAY STA NO 68 B 1918 357" (Reported destroyed.

410.505

391,104

384.66

Reference mark; 279 ft S. of tablet; 81 ft E. of centerline of Raeford-Vass rd.; at head of drain; between two knolls; 13 ft E. of centerline of dim rd. parallel to main rd.; 32 ft E. of telephone pole; in root on Nd. side of 10-in. oak tree;

copper nail and washer

FROM RAEFORD QUADRANGLE AT POINT ABOUT 3.0 MILES NORTHWEST OF ROCKFISH NORTH ALONG DIRT FOAD AND FREACHERS ROAD TO SUNKEN TARGET AREA 0.8 MILE NORTH OF PLANK ROAD (By J. R. Rigby, 1946; Book V 262 a)

U.E., Rockfish, 2.3 mi W. of, thence 0.8 mi N., along dirt rd.; 300 ft SE. of frame house; 17 ft S, and 21 ft E. of junction of rd. W.; in root on W. side of 16-in. pine tree; copper nail and

241.73

283.53

367.300

350783

Fort Bragg, 0.2 mi S. of intersection of Gruber and Longstreet rds., along Gruber rd.; at top of Hill 110; 120 ft N. of centerline of rd.; 300 ft S. of centerline of rd. at junction of T-rd. W.; in concrete post; USCE standard disk stamped "367"

231.759

230.80

Reference mark; 20 ft NE. of tablet; in base on NE. side of 30-in. pine tree; rail spike

35079V

290.132

Clifdale, 2.7 mi N. of, along macadam rd.; 0.5 mi 8. of junction of Chicken and Feilly rds.; 55 ft 8. and 105 ft E. of centerline of droseroads; in concrete post; standard tablet stamped "49 RLB 1946 290"

	Feet
U.E., Overhills, 7.0 mi SW. of; 2.5 mi SE. of Mount Pleasant Cnurch; at intersection of NS. firebreak; 35 ft N. of centerline of rd.; 20 ft E. of firebreak; in base on N. side of 10-in. pine tree; rail spike	260.93
Overhills, 7.0 mi SW. of, along rd., thence 1.2 mi N., along firebreak; 3.1 mi E. of Mount Pleasant Church; 6.6 mi SW. of Spout Springs; at intersection of rd. and NS. firebreak; 40 ft E. of firebreak; 30 ft S. of centerline of rd.; in concrete post; standard tablet stamped "4, NDS 1946"	337.587
Reference mark; 12 ft S. of tablet; in base on NW. side of d-in. pine tree; rail spike	337.68
U.E., Spout Springs, 5.2 mi SW. of, along rd. to Mount Pleasant Cnurch; on W. side of ridge; 35 ft SW. of junction of woods rd. 5.; 30 ft NW. of centerline of rd.; in base on NW. side of 10-in. pine tree; rail spike	332.11
Spout Springs, 3.9 mi SW. of, along rd. to Mount Pleasant Church; at junction of woods rd. E.; 250 ft SW. of corner of cleared field; 30 ft SW. of centerline of rd.; in concrete post; standard tablet stamped "5 NDS 1946"	342.088
Reference mark; 20°ft NE. of tablet; in base on NW. side of 8-in. pine tree; rail spike	342.53
U.E., Spout Springs, 2.9 mi SW. of; 100 ft N. of Junction of woods rd. SE.; 27 ft E. of centerline of rd.; 7 ft NW. of drain; in base on W. side of 10-in. red oak tree; rail spike	347.88
LINE 30.	
PROM SANFORD QUADRANGLE SOUTHEAST ALONG STATE HIGHWAY 87 TO INTERSECTION OF ROAD SOUTHWEST TO OVERHILLS (By N. D. Smith, 1946; Book 7 262 b)	
U.E., Spout Springs, 2.0 mi SE. of, along State Highway 87; 1.4 mi NE., thence 1.5 mi Nw. of Overhills, along hwy.; at top of nill; 90 ft NW. of cross road; 50 ft NE. of centerline of hwy.; 10 ft SE. of walk to dwelling of J. F. Lofton; in base on SW. side of 8-in. red oak tree; rail spike	329.58
LINE 31.	
PROM SAMFORD QUADRANGLE ALONG ROADS SOUTHEAST AND SOUTH TO FOINT EAST OF LEBELLA THENCE EAST TO POINT 3.1 MILES EAST OF MOUNT PLEASANT CHURCH (Leveled twice by N. D. Smith, 1946; BOOK V 262 b)	
Lobelia, 1.2 mi E. of, thence 2.4 mi N.; 100 ft SE. of SE. corner of Cypress Presbyterian Church; 90 ft N. and 50 ft W. of centerline of crossroads; in concrete post; standard tablet stamped "TT 5 HM 1946"	347.120
Reference mark; 50 ft S. of taolet; in root on N. side of 12-in. hickory tree; copper nail and washer	346.44
U.E., Lobelia, 1.2 mi E. of, thence 2.4 mi N.; 1.2 mi S. of Cypress Presbyterian Cauren; 50 ft W. of centerline of rd. at residence of L. J. Hennings; on S. side of driveway; 45 ft S. of SE. corner of house; in root on NE. side of 18-in. black oak tree; copper nail and washer	331.55
U.E., Lobelia, 2.4 mi SE. of; at Mount Pleasant Church; 94 ft NW. and 46 ft NE. of centerline of crossroads; in root on NW. side of 14-in. pine tree; copper nail and washer	273.36
Mount Pleasant Church, 0.7 mi NE. of; 45 ft S. and 57 ft E. of centerline of rd. at junction of T-rd. SE.; 39 ft NW. of well in cultivated field; in concrete post; standard tablet stamped "11 NDS 1945"	323.908
Reference mark; 14 ft NE. of tablet; 42 ft S. and 45 ft E. of rd. junction; in base on Nw. side of 12-in. oak tree; rail spike	324.03

U.E., Mount Pleasant Church, 0.7 mi NE. of, thence 1.4 mi SE.; 7.6 mi SW. of Spout Springs; 17 ft N. and 76 ft E. of center of wooden bridge over Buffalo Creek; in base on S. side of 15-in. gum tree; rail spike CLIFDALE QUADRANGLE NORTH CAROLINA 73 N3500-W7900/15

NGVD 29 Elevations