

DESCRIPTIONS OF STATIONS

Alamance County, Graham.—The station is in the extreme east central part of the town cemetery, which is marked by a thick wood. It is at the east end of the main road leading into the cemetery, about 350 feet due east from a tool shed and 27 feet northwest of a large prominent tree at the end of the road. The station is marked by a cement post 8 by 8 by 30 inches, with a bronze disk in the top. It projects 2 inches above the ground. The following true bearings were determined:

Apex of Harden gravestone.....	81 34.7 W. of S.
Apex of gravestone of Archibald Hillboyd, about 8 feet high.....	89 24.9 W. of S.
Southeast corner of new courthouse at lowest visible point.....	89 51.4 W. of S.
Apex of roof of tool shed.....	80 57.7 W. of N.
East gable of barn, 300 yards away.....	75 44.7 W. of N.

The station of 1899 was in the southwest corner of the courthouse square.

Alexander County, Taylorsville.—Observations were made over the south monument of the meridian line in the courthouse square. It is southeast of the courthouse and is marked with a granite post projecting about 6 inches out of the ground. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S."

Alleghany County, Sparta.—The station is on the grounds in front of the high-school building, which is about $\frac{1}{4}$ mile west of the courthouse. It is 10 feet northwest of the concrete walk leading from the building to the paved highway in front and 15 feet inside the sidewalk paralleling the highway. It is marked by a granite stone 4 feet long and dressed 8 inches square, projecting 6 inches above the ground. A bronze disk marked "1931" is set in the top. The following true bearings were determined:

South edge of east chimney on residence of Friel Mitchell.....	78 25.7 W. of N.
North edge of east chimney on residence of R. B. McMillan, just above roof.....	53 18.0 W. of N.
North meridian stone.....	0 00.4 W. of N.
Extreme west edge of high-school building, just under eaves.....	3 23.3 E. of N.
East edge of east chimney on residence of Letcher Norman, just above roof.....	81 11.8 E. of N.
North edge of chimney on residence of Transou, at top (mark).....	74 40.7 E. of S.

The north end of a meridian line 217.3 feet long is marked by a concrete post 7 inches square and $3\frac{1}{2}$ feet long, which projects 6 inches above ground. A cross on top marks the line. The stone is 15 feet west of the west corner of the school building.

The station of 1900 was in the northeast corner of the courthouse square, but is no longer suited for magnetic observations.

Anson County, Wadesboro.—The station is in the town cemetery, about $\frac{1}{4}$ of a mile south of the courthouse, in the extreme northeast corner of the cemetery, near the hedge. It is marked by a granite post 6 by 8 by 36 inches, lettered "N. C. G. S., U. S. C. S.," with a cross in the center. The post projects about 6 inches above the ground. The following true bearing was determined:

Monument of R. J. W. Redfearn.....	0 02.4 W. of S.
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The south end of a meridian line 350 feet long is marked with a similar granite post lettered "U. S.," with a cross to mark the center.

The station of 1917 was about $\frac{1}{4}$ mile southwest of the center of the town, in the southwest corner of the ball grounds back of the public school. Auxiliary A was 300 feet northwest of the station of 1917. Auxiliary No. 1 is about 1 mile east of Lilesville on the north side of the main highway and about 7 miles east of the primary. No. 2 is about $\frac{1}{2}$ mile southeast of Pinkston, 50 feet east of the road, and 200 feet south of a cottage. It is about 5 miles north of the primary. No. 3 is at Polkston, on the south side of the main highway, and 328 feet west of Browns Creek. It is about 7 miles west of the primary. No. 4 is about 6 miles south of the primary on the west side of the Chesterfield Road. Auxiliary No. 5 was established on the property of the county home, which is about 3 miles north of Wadesboro. The station was marked with a concrete post 8 by 8 by 36 inches, with a magnetic station marker in the top. The following true bearings were determined:

Northeast edge of east chimney on house, $\frac{1}{4}$ mile away (mark).....	59 56.0 W. of S.
Northeast gable on small house.....	5 17.2 W. of S.
South edge of building of county home.....	6 42.7 E. of S.
North edge of north building.....	44 38.2 E. of S.

The station of 1904 was near the southwest corner of the front yard of W. B. Little. The station of 1900 was near the meridian line, which was established in the field used in that year by the Smithsonian eclipse expedition.

Ashe County, Jefferson.—Observations were made over the south monument of the meridian line, in the middle of the road in front of the jail. It is a granite post projecting about 6 inches above the ground. The top is dressed about 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S." The following true bearings were determined:

Southwest corner of brick house, 250 yards away.....	51 02.8 E. of S.
Lower northwest corner of house, 200 yards away.....	8 45.4 E. of S.
North gable of house, $\frac{1}{4}$ mile away.....	63 17.2 W. of S.
Southwest corner of courthouse.....	11 07.8 W. of N.

The north end of the meridian line is marked by a similar monument nearly in the building line of the north half of the west front of a small store in back of a garage.

Avery, County, Newland.—The magnetic station was 25 feet south of the north meridian stone, which is in the line of the north fence of the public square north of the courthouse, a little west of the west side of the central pathway. It is marked by a concrete post 8 by 8 by 30 inches, tapering to 5 inches square at the top and projecting about 4 inches above ground. A brass marker is embedded in the top. The following true bearings were determined from the north meridian stone:

Northeast corner of courthouse.....	10 21.0 W. of S.
Northwest corner of courthouse.....	18 35.4 W. of S.
South corner of public school.....	71 52.4 W. of N.
Southwest corner of bank building.....	0 13.6 W. of S.

The south end of a meridian line 524.5 feet long is marked by a similar post which lies between the jail and the court house. The corner of the bank building now obstructs the view between the stones. Auxiliary A was about midway between the two monuments.

Beaufort County, Washington.—The station is in Oakdale Cemetery, 24 feet from the fence to the south and 240 feet from the gate on the west. It is marked by a granite stone projecting about 18 inches above the ground. The top is dressed 6 inches square, and is marked with the letters "N. C. G. S., U. S. C. S." and a cross. A similar monument, projecting 10 inches above the ground, is 475 feet true north, and marks the north end of the meridian line. This monument is near the main gate, close to the stone wall.

Bertie County, Windsor.—The station is on the grounds of the county home, about 2 miles southwest of Windsor and $\frac{1}{2}$ mile from the highway to Williamston. It is on the north side of the road, about 125 feet from the northwest corner of the superintendent's house and 50 feet from the west corner of a cottage. The station is marked with a granite monument projecting about 6 inches above the ground. The top of the post is dressed 6 inches square and is marked with a cross and the letters "N. C. G. S., U. S. C. S." Due south of this post, near the fence, a similar post was sunk to mark the true meridian.

Bladen County, Elizabethtown.—The station is in the courthouse square, in the southeast corner. It is marked by a granite post projecting about 6 inches above the ground. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S." The following true bearings were determined:

West corner of concrete house.....	35 49.3 E. of N.
East corner of jail.....	32 13.0 W. of N.
Lower west corner of courthouse.....	23 13.5 W. of N.

A similar monument near the courthouse building marks the north end of a meridian line. Auxiliary A was 125 feet east of the south monument.

Brunswick County, Southport.—The magnetic station is the south stone of the meridian line on the Government reservation known as Fort Johnson, on the bank

of the Cape Fear River, between it and the principal street of the town. On the opposite side of the street are the offices of W. H. Pike, real estate agent, Southport Realty & Development Co., and the store of Mr. Ruark. The station is marked by a stone 6 by 6 by 30 inches.

The north end of the meridian line 214.8 feet long is marked by a stone 6 inches square, lettered "N. C. G. S., U. S. C. S., 1898," which projects about 3 inches above the ground. The following true bearings were determined from the north stone:

Flagstaff on Fort Caswell.....	0 36.1 W. of S.
Lookout tower at Fort Caswell (mark).....	4 09.8 W. of S.
Lighthouse (Bald Head).....	17 04.9 E. of S.
Weather lookout tower at Fort Johnson.....	26 56.1 W. of S.
Vertex of roof of Ruark store.....	51 39.0 W. of N.

Buncombe County, Asheville.—The station is in the Asheville cemetery, northwest of the city. It is about 10 feet west of a main driveway in front of the Johnson section, and is marked by a granite stone 4 feet long and 6 inches square at the top, which projects about 1 foot above the ground. A cross and the letters "N. C. G. S., U. S. C. S." are cut in the top. The following true bearings were determined:

Southeast edge of top stone of Patton monument (mark).....	47 06.7 W. of S.
East gable of brick workshop.....	49 25.4 W. of N.
Top of Merrimon monument.....	60 46.6 E. of N.

The north end of the meridian line is marked by a similar stone, which also projects about a foot above the ground, and leans slightly to the north. It is 150 feet due east of the workshop, near the junction of the main driveway past the Johnson section and another driveway leading past the workshop.

Burke County, Morganton.—The station is in the southeastern part of the grounds of the North Carolina School for the Deaf, north of the superintendent's house, and about 1 mile southwest from the town's center. It is 214.4 feet northwest from the northeast corner of the front piazza of the superintendent's house and 226.8 feet northeast from the northwest corner of the piazza. It is marked by a cement monument 12 by 12 by 30 inches, projecting 6 inches above the ground, with a bronze disk set in the rounded top. The following true bearings were determined:

Top of fourth cupola east of water tank.....	81 01.1 E. of S.
Central west gable of Goodwin Hall.....	68 00.2 E. of N.
Northeast corner of new building.....	62 31.6 E. of S.
Southwest corner of new building.....	47 57.6 E. of S.

The station of 1906 was in the southeast corner of the courthouse yard. Auxiliary A was 500 feet southeast of the station of 1906.

Cabarrus County, Concord.—The station is in the south corner of the grounds of School No. 2, at the intersection of St. John and Kerr Streets. It is 29.7 feet east of a lone oak, 43.7 feet from the property line (fence) on the opposite side of St. John Street, and 78.5 feet from the curbing on the northeast side of Kerr Street. It is marked by a concrete post 7 by 7 by 36 inches, projecting about 5 inches above the ground, with a bronze station mark (1923) in the top. The following true bearings were determined:

West corner of new addition to school.....	4 52.1 E. of N.
East corner of main school building.....	42 16.3 E. of N.
Forest Hill Church steeple.....	49 12.7 E. of N.
Apex of distant water tank.....	28 03.3 W. of S.
East corner of Buffalo mill.....	43 04.4 W. of S.

The north end of a meridian line about 270 feet long is marked by a similar post set 27.1 feet from the curb, northwest of it, and 77.6 feet from the west corner of the new south wing of the school. Auxiliary A was north of west from the south monument, near Kerr Street.

The station of 1915 was located in the southwest central portion of school ground No. 2. Auxiliary No. 1 is about 4 miles from the 1915 station, on the North Charlotte Road running in a southwesterly direction from town. Observations were made about 50 feet back from the main road on the farm road leading to the barn on Morris's farm. No. 2 is about 4 miles from the 1915 station, at

Cook's Crossing, nearly due north of town. Observations were made about 150 yards west of the crossing on the north side of the road running due west from the crossing. No. 3 is about 4 miles from the 1915 station, on the Mount Pleasant Road. It is at the summit of a hill which may be distinguished by the grade of the road running over it, which is a steady grade of about 3 per cent beginning a mile or more on the west. Observations were made about 100 feet south of this road near the highest point. No. 4 is about 4 miles from the 1915 station, on the Bost Mill Road running a little southeast of the town. Observations were made on the grounds of an old church having a cemetery on the northwest side of it. The station of 1899 was in the open square in the rear of the courthouse.

Caldwell County, Lenoir.—The station is about 50 feet southwest of the garage in the west section of the Davenport College grounds. It is marked by a granite post projecting about 8 inches above the ground. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S." The following true bearings were determined:

South edge of chimney on house 200 yards away (mark).....	70 14.0 W. of S.
Northwest corner of dormitory.....	71 06.8 E. of N.
Southwest corner of dormitory.....	82 19.0 E. of N.
Hinge on front door of house 200 yards away.....	34 09.0 W. of S.

A similar stone marks the north end of the meridian line, which is about 285 feet long. The station of 1900 was in the open space near the entrance gate to Davenport College.

Camden County, Camden.—The station is in the southern part of the courthouse square, 85 feet from the edge of the road to Elizabeth City and 98 feet from the southeast corner of the courthouse. The monument is a granite post, which projects about 6 inches above the ground. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S." A similar monument was set 145 feet due north, in the courthouse square, near its northern limit, to mark the north end of a meridian line. This monument is 85 feet from the northeast corner of the courthouse and 27 feet from the road to Elizabeth City.

Carteret County, Beaufort.—The station was established on the grounds of the courthouse. It is 230 feet from the east corner of the courthouse, 120 feet from the east corner of the schoolhouse, 55 feet from the corner of a lavatory, and about 6 feet from the concrete curb which surrounds the property. The station was marked with a granite post 6 by 6 by 48 inches, projecting 6 inches from the ground. The stone was once marked with a cross and the letters "N. C. G. S., U. S. C. S.," but the letters are now illegible. The following true bearings were determined:

Vertical joint of east gable framing of house of Richard Pierce (mark).....	41 53.8 W. of N.
Center of ball on water tank in front of courthouse.....	34 19.4 W. of S.
West gable of residence 1,000 feet away.....	61 49.2 E. of S.

A similar stone marks the south end of a meridian line about 350 feet long. It projects about 6 inches above the ground. This monument is set flush with the concrete curbing southeast of the courthouse. The station of 1909 was in the northwest corner of the courthouse grounds. The station of 1898 was in a small lot in the rear of the boarding house of Miss Sarah Davis, 80 feet from the west side of Ann Street and 300 feet from the north side of South Front Street.

Carteret County, Cape Lookout.—Observations were made at a point 300 meters from Cape Lookout Coast Guard Station, in line with Cape Lookout Lighthouse.

Carteret County, Ocracoke N. E. Base.—Observations were made at the triangulation station, which is on the north end of Portsmouth Island, east of the village of Portsmouth.

Caswell County, Yanceyville.—The station was established on the grounds of the public school, about $\frac{1}{4}$ mile northeast of the courthouse. It is about 25 feet from the north boundary line, and is marked by a granite post 8 by 8 by 48 inches, which projects about 8 inches above the ground. The top is dressed 6 inches square and is marked with a cross and the letters "N. C. G. S., U. S. C. S." The following true bearings were determined:

Northeast corner of school, near eaves.....	17 46.6 E. of S.
East apex of roof of frame house.....	29 31.6 W. of S.
Courthouse spire (mark).....	53 18.5 W. of S.

A similar granite post 8 by 8 by 48 inches, projecting 15 inches above the ground, marks the south end of a meridian line 500 feet long. The south stone is 30 feet from the school building. The station of 1900 was in the courthouse grounds, just in front of the Corbett Hotel.

Catawba County, Newton.—The station was established in the city cemetery, about $\frac{1}{4}$ mile south of the courthouse. It is 100 feet from the south fence and in a small triangular space formed by the intersection of the lots with the circular driveway. The station is marked with a granite post 6 by 6 by 48 inches, lettered "N. C. G. S., U. S. C. S.," with a cross in the center. The monument projects about 14 inches from the ground. The following true bearings were determined:

Spire of A. M. E. Zion Church (mark).....	66 33.3 E. of S.
Base of rod on north spire on Reformed Church.....	72 28.9 W. of N.
Base of rod on south spire of Reformed Church.....	73 51.8 W. of N.
Apex of monument of Martha F. Williams.....	53 33.8 W. of N.

A similar monument was placed near the north fence, about 600 feet from the cemetery gate, which marks the north end of a meridian line 300 feet long. It projects about 14 inches above the ground. The station of 1900 was in the courthouse grounds, on the east side of the courthouse.

Chatham County, Pittsboro.—The station was established on the property of the county home, about 2 miles east of Pittsboro. It is near the highway south of the home and about 25 feet east of the path running south from the main entrance. The station is marked with a granite post 6 inches square, lettered on top "N. C. G. S., U. S. C. S.," with a cross cut in the center. It projects about 12 inches above the ground. The following true bearing was determined:

Southwest corner under eaves of negro cottage (mark).....	1 17.4 E. of S.
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A second granite post similarly lettered marks the north end of a meridian line 275 feet long. It projects about 12 inches above the ground. The station of 1899 was in the southeast corner of the courthouse square.

Cherokee County, Murphy.—The station is in the northwestern part of the high-school yard about $\frac{3}{4}$ mile east-northeast of the Southern Railway depot and $\frac{3}{8}$ mile northeast of the courthouse. The station is 195.9 feet from the northwest front corner of the northwest wing of the high-school building and 194.8 feet from the outer edge of the corner stone of the high-school building, which is the southern front corner of the main part of the building. The station is marked by a granite post 6 by 6 by 27 inches, marked "N. C. G. S., U. S. C. S., 1898." It is set flush with the ground. The following true bearings were determined:

Outer edge of northwest corner of white marble border on school building.....	35 03.9 E. of N.
Outer edge of corner stone on school building.....	72 46.2 E. of N.

The station of 1898 was in the lot east of the high school.

Chowan County, Edenton.—The station is in the southeast corner of the courthouse square. It is 55 feet from the curb to the south and 9 feet from the curb to the east. The station is marked with a granite monument. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S." A similar monument marks the north end of a meridian line 260 feet long. This monument is 55 feet from the edge of the road near the courthouse, 50 feet from the corner of the Confederate monument, and 30 feet from the southeast corner of a house.

Clay County, Hayesville.—The station is in the south corner of the courthouse grounds, 110 feet from the south corner of the building. It is 90 feet from the edge of the road to the southeast and 36 feet from the edge of the road to the southwest. The station is marked with a granite post, which projects about 6 inches above the ground. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S." A similar monument is 75 feet from the north corner of the courthouse building, near the road northwest of the courthouse, and marks the north end of a meridian line 200 feet long.

Cleveland County, Shelby.—The station is the south monument of the meridian line in the courthouse square, southeast of the building. It is a granite post, projecting about 6 inches above the ground. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S., 1899." The following true bearings were determined:

Southeast corner of jail.....	65 38.3 E. of N.
Southwest corner of post office (corner stone).....	78 15.6 E. of S.
Northwest corner of brick building 100 yards distant.....	58 13.7 W. of S.
Southwest corner of base of monument.....	63 22.1 W. of N.

A similar monument in the courthouse square marks the north end of a meridian line.

Columbus County, Fair Bluff.—The station is in the open space just one block south of the Atlantic Coast Line Railroad, between the properties of Col. T. F. Toms and J. A. Mearsand, near the center of the street. It is marked by a copper tack in a yellow-pine post.

Columbus County, Lake Waccamaw.—The station is in the yard of G. S. Gillespie, in the northern suburb of the village. It is 62.5 feet from the southwest corner of Mr. Gillespie's house and is 12 feet from the west fence and 74.3 feet from the north fence of the yard. The station is marked by a copper tack in a yellow-pine post.

Columbus County, Whiteville.—The station is in the northwest corner of the courthouse grounds. It is marked by a granite post about 6 inches square, set flush with the ground, and lettered "N. C. G. S., U. S. C. S., 1898," on top. The following true bearings were determined:

X in name of J. R. Maxwell on stone.....	17 52.4 W. of S.
I in name Ziron on a sign.....	27 40.3 W. of S.

A meridian line 212.4 feet long was established on the east side of the courthouse grounds. The south end is marked by a granite post, lettered "N. C. G. S., U. S. C. S., 1898," which projects about 3 inches above the ground. The following true bearings were determined:

East edge of roof ridge of cupola of Baptist Church.....	4 01.0 W. of S.
Northeast corner of frame building seen behind Oscar High building.....	73 39.0 W. of N.
Northeast corner of Oscar High building.....	60 56.8 W. of N.
Northwest corner of Powell residence.....	22 17.3 E. of S.

The north end of the meridian line is in the northeast corner of the courthouse grounds. It is marked by a marble post 6 by 6 by 24 inches, with a cross cut in the top, set flush with the ground.

In 1925 the station at the south end of the meridian line was occupied by observers of the Carnegie Institution, of Washington. They found that this site as well as the north end of meridian line are badly disturbed. They occupied another station which was called station B. It is on an open lot about one block south of the south meridian stone, nearly in line with the east edge of the cupola on the Baptist Church, about 34 paces east of the sidewalk along the street to the courthouse, 16.5 feet south of the ditch along the south side of the street, 30 feet southeast and 23 feet southwest, respectively, from two large trees in a row bordering the street, and 47.6 feet south of the center of the manhole cover in the middle of the street. The following true bearings were determined:

East edge at roof ridge of the cupola, Baptist Church.....	4 01.2 W. of S.
South meridian stone.....	4 01.9 E. of N.
East edge of chimney on bungalow, 600 feet away.....	14 09.8 W. of N.

Craven County, New Bern.—The station is roughly in the center of the Cedar Grove Cemetery. It is at the corner of the intersection of two driveways, 29 feet from the southeast corner of the Bryant burial lot, and 21.1 feet from the northeast corner of the Dunn lot. The station mark is a granite monument, with the top dressed 6 inches square. It is lettered "N. C. G. S., U. S. C. S., 1898," with a cross to mark the center. The following true bearings were determined:

Northeast corner of base of Seymour monument.....	12 56.0 E. of S.
Northeast corner of base of McCarthy monument.....	10 57.4 E. of S.
Northwest corner at base of Stewart monument.....	29 34.5 W. of S.
Apex of Wadsworth monument.....	39 22.1 W. of S.
Northeast corner of base of Smith monument (small monument near north fence).....	14 19.9 W. of N.

Cumberland County, Fayetteville.—The station is on the property of the Cape Fear Fair Association, about $\frac{3}{4}$ mile southwest of the courthouse. It is at the south end of the race-track inclosure, about 10 feet from the fence. It is marked by a marble post 4 by 6 by 36 inches, which projects about 4 inches above ground, in the top of which is set a bronze disk marked "1931." The following true bearings were determined:

Center of ball on top of Puritan Mills tank (mark).....	51 22.4 W. of S.
Top of tank of North Carolina Compress & Warehouse Co.....	65 13.1 W. of N.
Center of ball on top of tank of M. E. Binz Co.....	52 20.1 W. of N.
North edge of city water tank.....	39 29.9 W. of N.
North meridian stone.....	0 00.5 E. of N.
Weather vane on First Presbyterian Church.....	27 56.9 E. of N.

The north end of a meridian line 950 feet long is at the north end of the race-track inclosure, about 15 feet from the fence. It is marked by a stone with cross section 5 by 15 inches, with a cross cut in the top.

The station of 1924 was at the north end of the race track, approximately at the 1931 north meridian stone; its south meridian stone is the 1931 station. The station of 1909 was in the courthouse square. The station of 1899 was on city property near the square occupied by the old courthouse and in front of the house of Mr. Underwood.

Currituck County, Currituck.—The station is in the southeast corner of the courthouse square, 63 feet from the southeast corner of the building. It is 12 feet from the edge of a concrete walk and 8 feet from a wood fence on the east. The station is marked by a granite post 6 inches square sunk 4 feet in the ground; the post was once marked with a cross and the letters "N. C. G. S., U. S. C. S.," but the letters are not now visible. The north end of a meridian line 112 feet long is marked by a similar monument 63 feet northeast of the northeast corner of the courthouse.

Currituck County, Knotts Island.—The station is on the Virginia and North Carolina boundary on Knotts Island, about 1,700 feet from Back Bay, a little north of Mr. Williams's stable, and 52 feet east of the latitude station of the Virginia and North Carolina boundary line. The latitude station is about 10 feet north of the traditional boundary in a fence corner near the road north and west of the stable of Mr. Williams. A small stream is just south of the station.

Currituck County, Northwest.—The magnetic station was 160 feet west of the latitude station. The latitude station was in the fence line south of the traditional boundary and on the west side of the county road leading from Northwest, 1 mile north, to Moyock, $\frac{1}{4}$ miles south.

Dare County, Cape Hatteras.—The station is about $\frac{1}{2}$ miles northwest of the Cape Hatteras Lighthouse, on a point of land southeast of the house owned by Dr. J. J. Davis, and 50 yards from the inner beach. It was marked by an oaken stub and tack.

Dare County, Chicamacomico.—The station is on the sand spit about 20 miles north of the Cape Hatteras Lighthouse. The house of Aaron O'Neal is about $\frac{1}{4}$ mile from the outer beach, and the magnetic station is 50 yards east of the house and 30 yards from the inner beach. The station was marked by a pine stub and tack.

Dare County, Manico.—The station is on the Dare County farm, about $\frac{1}{2}$ miles west of the center of town, in the southeast corner of the field in which the county home formerly stood. It is 43 feet northwest of the fence on the southeast boundary of the field, 100 feet northeast of the fence on the southwest side, and 185 feet from the fence to the northeast. The station is marked by a granite post 7 inches square, projecting about 15 inches above ground, and lettered "N. C. G. S., U. S. C. S., 1898."

The north end of a meridian line 200 feet long is marked by a similar stone 4 feet from the fence on the northeast side of the field.

The station of 1898 was in the southwest corner of the courthouse square.

Davidson County, Lexington.—The station was established in the grounds of the county home, which is about $\frac{3}{2}$ miles northeast of the center of town. It is 170 feet from the road to Lexington and 370 feet from the corner of the building of the county home. The station is marked by a concrete post 8 by 8 by 36 inches, projecting about 8 inches above the ground, with a bronze disk station marker in the top. The following true bearing was determined:

Northeast corner of home, near eaves.....	54 30.2 E. of S.
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A similar concrete monument was placed 490 feet south of the station and 40 feet from the roadway of the county home to mark the true meridian. The station of 1900 was in the courthouse square, in the small plot in front of the post office:

Davie County, Mocksville.—The station was established on the property of J. L. Sheek, about $\frac{1}{2}$ miles north of the courthouse square and north of the town cemetery. The station is marked by a concrete post 8 by 8 by 48 inches, projecting about 8 inches from the ground, with a bronze disk station marker embedded in the top. The following true bearing was determined:

Apex of Hanes monument.....	87 33.0 W. of S.
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A concrete post 8 by 8 by 48 inches, projecting about 8 inches from the ground with a bronze disk station marker embedded in the top, marks the north end of a meridian line about 600 feet long. The station of 1900 was in the southwest corner of the courthouse grounds.

Duplin County, Kenansville.—The station is in the large open square (the property of Duplin County) west of the courthouse. It is about 750 feet from the west corner of the courthouse, 110 feet from the edge of a roadway, and 130 feet from the corner of a small frame building to the west. It is marked by a granite post which projects about 6 inches above the ground. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S.," but the letters are now somewhat obscure. The following true bearings were determined:

Center of courthouse dome.....	60 05.5 E. of N.
Cupola of old school building.....	40 22.4 E. of S.
Southeast corner of north chimney on cottage 100 yards away.....	14 00.7 W. of S.
Southeast corner, near roof of new jail.....	56 33.0 E. of N.

A similar monument 275 feet north of the magnetic station marks the north end of a meridian line.

Duplin County, Warsaw.—The station is in the open lot adjoining the Methodist Church in the southeastern suburbs of the village. The point is distant 103 feet from the southwest corner of the Methodist Church and 50 feet from the southwest corner of the ditch, in the rear of the church. It is marked by a copper tack in a yellow-pine post. The post is 2 feet long and is sunk flush with the ground. The underground mark is a bottle filled with coal dust and set under the post.

Durham County, Durham.—The station is on the grounds of the county home, 3 miles from the city of Durham on the road to Roxboro. It is 122 feet west of the southwest corner of the west wing of the county home, 130.2 feet southwest of the northwest corner of said wing, and 134.8 feet east of the pump. The station is marked by a granite stone 4 feet long and dressed 8 inches square, which projects about 6 inches above the ground. A bronze disk marked "1931" is set in the top. The following true bearings were determined:

Center of ball on top of Liggett & Myers Tobacco Co.'s tank (mark).....	52 43.3 W. of S.
West side of factory chimney about 2 miles away.....	43 48.3 W. of S.
Southeast corner of jail, 6 feet from ground.....	15 33.4 W. of S.
Northeast corner of chimney on county home, at top.....	41 47.2 E. of S.
East edge of chimney on residence on Roxboro road.....	10 00.3 W. of N.
North meridian stone.....	0 00.6 E. of N.

The north end of a meridian line 412 feet long is marked by a similar stone. It is 38.8 feet east of a telephone pole and 47.2 feet southwest of the southwest edge of the concrete highway. It is marked with a cross and the letters "N. C. G. S., U. S. C. S."

The station of 1898 was just in front of the county home, in the yard of the superintendent. The station of 1924 was near a large walnut tree between the road to Roxboro and the road leading to the county home.

Edgecombe County, Rocky Mount.—The station is about $\frac{1}{2}$ or $\frac{3}{4}$ mile west of the town on "Tem" Short's farm. It is 14.55 feet from the northwest corner and 17.80 feet from the southwest corner of his new tobacco barn. It was not marked.

Edgecombe County, Tarboro.—The station is on the city commons, 248 feet from the curb of the main street to the courthouse and 25 feet from the edge of the road which crosses the main street. It is marked by a granite post which

projects about 6 inches above the ground. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S." The following true bearings were determined:

Park monument.....	20 51.8 E. of N.
Southeast gable of house in line with monument.....	21 35.9 E. of N.

A similar monument marks the north end of a meridian line 215 feet long. This monument is 70 feet from the west corner of the Park monument.

Edgecombe County, Whitakers.—Observations were made at a point about $\frac{1}{4}$ mile southwest of town in the northwest part of the grounds of the graded school. The point is 120 feet northwest of the northwest corner of the school building, 50 feet east of the west boundary of the grounds, and 49 feet south of the north boundary. It is marked by a 2-foot length of 4-inch drain tile, set with its bell end even with the ground and having a brass magnetic station marker cemented in the top. The following true bearings were determined:

Center of ball on church steeple.....	82 31.2 E. of N.
South gable of small unpainted house against woods $\frac{1}{4}$ mile away.....	78 07.5 W. of N.
West edge of top of chimney of two-room house about 1,000 feet away.....	10 52.7 E. of N.

Forsyth County, Winston-Salem.—The station is near the southern boundary fence of the Moravian Cemetery, southeast of the courthouse. It is marked with a rough granite post which has a small hole marking the center. The north end of a meridian line 300 feet long, which is also in the Moravian Cemetery, is marked by a post that is similar except that it has no hole in the center.

Franklin County, Franklinton.—Observations were made at a point about $\frac{1}{2}$ mile north of the center of town, on property belonging to Ed Morris, near the northwest corner of the grounds of the graded school. The point is 158 feet north of the northwest corner of the school building, 27 feet east-northeast of a young cherry tree 9 feet high with two forks, and about 280 feet west of the west edge of the highway. The station marker has been removed.

Franklin County, Louisburg.—The station was established on the grounds of the public school, about $\frac{1}{2}$ mile north of the courthouse. The station is just south of the driveway from the school building to the Confederate Memorial Monument. It is 240 feet from the north corner of the school building and 220 feet from the west corner. The station is marked by a granite post 6 by 6 by 48 inches, lettered "N. C. G. S., U. S. C. S., 1899," with a cross cut in the center. It projects about 6 inches from the ground. The following true bearings were determined:

Apex of elevated tank behind school.....	52 18.0 E. of S.
Apex of roof of small garage 200 yards away (mark).....	50 04.0 E. of N.

A similar granite monument projecting about 14 inches above the ground marks the south end of a meridian line 305 feet long. It is close to a wooden fence. The station of 1899 was on ground owned by the county in the rear of the jail.

Gaston County, Dallas.—Observations were made in the southeast corner of the courthouse square over the south monument of the meridian line. It is a granite post projecting about 6 inches above the ground. The top is dressed 6 inches square and is marked with a cross and the letters "N. C. G. S., U. S. C. S." The following true bearings were determined:

Northwest corner of garage.....	20 34.7 E. of N.
Apex of water tank.....	70 58.7 E. of S.
Apex of water tank.....	65 39.1 E. of S.
Southeast corner of stone porch on house 200 yards away.....	71 13.4 W. of N.

A similar monument in the northeast corner of the square marks the north end of a meridian line.

Gates County, Gatesville.—The station is in the southwest corner of the cemetery which is about $\frac{1}{4}$ mile from the center of town. It is 168.5 feet west of the southwest corner of an abandoned school building, 189 feet southwest of the northwest corner of that building, 168 feet east of the center of the tombstone of W. Vernon Eason, and 120 feet east of the center of the tombstone of William Henry.

The station is marked by a granite stone 4 feet long and dressed 8 inches square, projecting about 6 inches above ground, into which is set a bronze disk marked "1931." The following true bearings were determined:

Apex of tombstone of B. R. Hayes.....	67 20.8 W. of N.
Southwest edge of east chimney on Lonnie Carter's residence.....	7 44.4 W. of N.
South gable of Masonic Hall.....	5 21.5 E. of N.
Apex of belfry of abandoned school building.....	65 56.1 E. of N.
Southwest edge of south chimney on Jim Walton's residence (mark).....	84 20.6 E. of S.

The north end of a meridian line 226 feet long is marked by a similar stone. It is 11.4 feet west of the southwest corner of Masonic Hall, 38.7 feet southwest of the northwest corner of said hall, and 38.0 feet east of the southeast corner of Lonnie Carter's residence. It is lettered "N. C. G. S., U. S. C. S.," with a cross to mark the point on the line.

The station of 1912 was in the drive on the east side of the public-school grounds. The station of 1899 was in the southwest corner of the courthouse grounds.

Graham County, Robbinsville.—The station is in a bottom-land field west of the new schoolhouse, about $\frac{1}{4}$ mile northwest of the courthouse. It is about 25 feet from the south fence, and about two-thirds of the distance from the entrance gate at the southeast to the stream on the west. It is marked by a granite post $3\frac{1}{2}$ feet long, projecting about 10 inches above ground, and lettered "N. C. G. S., U. S. C. S., 1900." The following true bearings were determined:

Lower southwest corner of Bowman Moose's residence.....	82 05.0 W. of N.
Southeast corner of Morphew's residence, $\frac{1}{2}$ mile away (mark).....	13 25.1 W. of N.
Northeast edge of Bruce Slaughter's residence, $\frac{1}{4}$ mile away.....	56 01.7 E. of S.
Northeast corner of jail.....	51 05.7 E. of S.
West gable of J. J. Snyder's old store, $\frac{1}{4}$ mile away.....	29 41.8 E. of S.

A similar stone marks the north end of a meridian line 1,200 feet long. It is about 20 feet south of the fence along the north side of the field.

In 1931 observations were also made at an auxiliary station (A) $\frac{1}{2}$ mile south of the primary station, but the place was not marked. The station of 1900 was in the courthouse grounds, in front of the courthouse.

Granville County, Oxford.—The station was established in the orphanage grounds, about $\frac{1}{4}$ mile northeast of the central orphanage building. It is 3 feet from the southeast corner of the concrete coping around the cemetery. It is marked with a concrete post 8 by 8 by 36 inches, with a bronze disk station marker embedded in the top. The monument projects about 3 inches above the ground. The following true bearing was determined:

Southeast corner, under eaves of negro cottage (mark).....	7° 40.0' W. of S.
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A similar concrete post, with a brass rod projecting $\frac{1}{2}$ inch to mark the center, is 8 feet from the edge of the road to the orphanage and marks the south end of a meridian line 450 feet long.

Auxiliary No. 1 is about 1 mile southeast of the primary station, near the north fence of the baseball grounds. No. 2 is about $1\frac{1}{2}$ miles west of the primary station, on the north side of the road to Roxboro. No. 3 is about 500 feet southeast of the primary, in the same field. No. 4 is about 450 feet south of the primary. No. 5 is about $\frac{1}{2}$ mile a little north of west, about 300 feet south of the Stovall Road. No. 6 is about 1,000 feet southeast of the primary, in the same field. No. 7 is 5 miles north on the Stovall Road. No. 8 is 5 miles southwest. No. 9 is 5 miles west, on the Roxboro Road. No. 10 is 5 miles east, on the Henderson Road. The station of 1898 was also in the grounds of the orphan asylum.

Greene County, Snow Hill.—The station was established on the grounds of the Snow Hill High School, which is on the Kinston highway, about $\frac{1}{2}$ mile from the courthouse. The station is 115 feet from the east corner of the school building. It was marked by a granite post 6 by 6 by 48 inches, lettered "N. C. G. S., U. S. C. S., 1899," with a cross to mark the center, but the date is now partly broken off. The stone is flush with the ground. The following true bearing was determined:

West gable of small house 200 yards east.....	47° 29.6' E. of N.
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The north end of a meridian line 335 feet long is marked with a limestone post 4 by 6 by 42 inches, with a cross marking the center. It is set flush with the ground. This monument is near the concrete sidewalk, 125 feet from the north corner of the high-school building. The station of 1899 was in the vicinity of the courthouse, on the bluff along the road which runs in front of the courthouse.

Guilford County, Greensboro.—The station is in the park in front of the Greensboro Female College. It is marked by a granite monument 6 inches square at the top, upon which are a cross and the letters "N. C. G. S., U. S. C. S., 1899." The north end of a meridian line 350 feet long is marked by a similar monument, which is about 15 feet from the curb of West Market Street and about 50 feet from College Place.

Halifax County, Enfield.—Observations were made at a point about $\frac{1}{4}$ mile north of town, on property belonging to L. B. Mann, located just south of the cemetery for colored people and just west of the Atlantic Coast Line tracks. The point is 58 feet east, approximately, from the east side of a road which passes west of the cemetery, and is 85 feet south, approximately, from the south fence of the cemetery. It is marked by a 2-foot length of 6-inch drain tile, projecting about 3 inches above the ground, and having a brass magnetic station marker cemented in the top. The following true bearings were determined:

West side of top of smokestack $\frac{1}{2}$ mile away (mark).....	25 19.4 W. of S.
Northeast gable of house about 600 feet away.....	1 00.5 E. of N.
Center of windmill 700 feet away.....	31 35.5 E. of N.

The bearing objects are reported to be obscured by the growth of trees.

Halifax County, Halifax.—The station is about $\frac{1}{2}$ mile southwest of the center of town in the southeast part of the lot known as the old Jones grounds, across the railroad from the house of R. H. Daniels. It is 176 feet from the west track of the Atlantic Coast Line Railroad, and 76, 80, and 80 feet, respectively, from the centers of the trunks of three large oak trees to the southeast. It is also 33 feet southwest from the larger and more southerly of two cedar trees. The station is marked with a marble slab 1 by 8 by 15 inches, which rests on a marble base and projects about 1 inch above the ground. A cross in the top indicates the exact spot. The following true bearing was determined:

Southwest corner of R. H. Daniel's house, under eaves.....	77° 52.6' E. of N.
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Auxiliary A was about 500 feet north by west from the primary. The station of 1906 was in the courthouse yard, northeast of the building.

Halifax County, Littleton.—Observations were made at a point about 1 mile south of the center of town. The point is located in a pasture belonging to John Leach, reached by the main highway to Panacea Springs. It is about 800 feet northeast of the Leach mansion, 57 feet west of the east fence of the pasture, 97 feet north of a tree about 3 feet in diameter which leans to the south about 20° from vertical, and 140 feet east-southeast of an oak tree $3\frac{1}{2}$ feet in diameter. It is reported that the station marker has been removed.

Halifax County, Scotland Neck.—Observations were made at a point about $\frac{1}{4}$ mile northeast of the railroad station, in the southeastern part of the race-track grounds and northeastern part of the baseball grounds, situated inside of the running track. The point is about 49 feet west of the inside edge of the track and about 31 feet south of the south edge of a road running across the space inside the track and separating the baseball grounds from the rest. It is reported that the station marker has been removed.

Harnett County, Lillington.—The station was established on the county home property, 1 mile east of the courthouse. It is marked with a granite post 8 by 8 by 42 inches, which projects about 15 inches above the ground and is lettered "N. C. G. S., U. S. C. S.," with a cross to mark the center. The following true bearings were determined:

Northeast gable of main home building (mark).....	11 03.9 E. of S.
Western apex of roof of east home building.....	16 34.4 E. of S.

A similar monument marks the south end of a meridian line about 500 feet long. It is near the barns across the road from the home building and projects about 15 inches above the ground. The station of 1899 was in the southeast corner of the courthouse square.

Haywood County, Waynesville.—The station is on the grounds of the Waynesville High School, which is about 1 mile southwest of the courthouse. It is 100 feet southwest of the south corner of the gymnasium, and 120 feet south of

its west corner. It is marked by a granite stone 4 feet long and dressed 8 inches square, projecting 6 inches above ground, into the top of which is set a bronze disk marked "1931." The following true bearings were determined:

South corner of red brick residence, on brick just under eaves.....	70 58.6 W. of S.
East gable of residence across street.....	42 51.8 W. of N.
Southwest corner of south chimney on residence $\frac{3}{4}$ mile away (mark).....	35 54.9 W. of N.
Southwest corner of school building, just under concrete frieze.....	0 06.5 W. of N.
South edge of highest chimney on residence $\frac{1}{4}$ mile away.....	41 02.2 E. of S.

The north end of a meridian line 220 feet long is marked by a similar stone, 8 feet south of the west corner of the high-school building. Upon the top are the letters "N. C. G. S., U. S. C. S.," and a cross to mark the point on the line.

The station of 1900 was in the rear of the courthouse.

Henderson County, Hendersonville.—The station is on the grounds of the county home, about 4 miles northwest of the courthouse at Hendersonville. It is in a small pasture south of the home, being 78 feet south of the north fence of the pasture at a point 283 feet east of the entrance gate, and about 27 feet north of a small creek marking the south boundary of the pasture. It is marked by a granite stone $3\frac{1}{2}$ feet long and 6 inches square, projecting 6 inches above ground, in the top of which is a bronze disk. The following true bearings were determined:

South gable of barn on west side of road.....	58 45.1 W. of N.
East edge of chimney on cottage on hill, just above roof (mark).....	32 52.6 W. of N.
West gable of county home, main part.....	22 22.8 W. of N.
Gable of east window on county home building.....	17 33.2 W. of N.
South edge of southernmost chimney on county home, at top.....	9 31.2 W. of N.

A stub was set about 200 feet north of the station to mark the true meridian. This was to be replaced by a suitable stone by H. B. Miller, a local engineer.

The station of 1923 was at Jordan's Hill, about $\frac{1}{2}$ mile north of the courthouse near the Southern Railway, but now seems subject to artificial disturbance. The station of 1900 was in the open space in the yard in the rear of the courthouse.

Hertford County, Riddickville.—The station is 1 mile south of the mouth of the Nottaway River, on the lawn in front of the house of James D. Riddick. It was not permanently marked.

Hertford County, Winton.—The station is on the southern part of the courthouse lot, 36 feet from the south corner of the courthouse and 40 feet from the north corner of the Confederate Memorial Monument. The station is marked with a granite post projecting about 6 inches above the ground. The top of the post is dressed 6 inches square and is marked with a cross and the letters "N. C. G. S., U. S. C. S." A similar post marks the north end of a meridian line 150 feet long. This monument is near the fence and 30 feet from the north corner of the courthouse.

Hoke County, Raeford.—The station was established in the town cemetery, about $\frac{3}{4}$ mile from the center of the town. It is on the west side of a driveway, about midway between the entrance road and the highway to Fayetteville, and 50 feet northeast of the Maxilian D. Bethune monument. The station is marked with a brownstone post 6 by 8 by 42 inches which projects about 4 inches above the ground, and has a bronze disk station marker embedded in the top. This marker has been knocked loose, but at the last report was still in the stone. The following true bearing was determined:

Town water tank (mark).....	72 37.6 W. of N.
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A brownstone post 6 by 8 by 42 inches, set flush with the ground marks the north end of a meridian line about 300 feet long. This stone is 2.5 feet from the center of a north and south road and 12.7 feet south of the intersection of the center lines of the two roads. It is also 31.9 feet from the Norman McDiarmid monument and 37 feet from the Jannet Mayo monument. The station of 1911 was in a grove of pine trees belonging to State Senator McGlouchlan, immediately east of the property reserved for the county courthouse and jail.

Hyde County, Swanquarter.—The station is in the south corner of the courthouse square, 75 feet from the west corner of the jail. It is marked by a granite post 6 inches square, which projects about 6 inches above ground. The top is marked

with a cross and the letters "N. C. G. S., U. S. C. S." The following true bearings were determined from the meridian line:

North edge of south chimney of Howard House.....	32 49.9 E. of N.
Spire of Disciples Church.....	70 21.6 E. of N.
North edge of south chimney of Mrs. Claude Sawyer's house.....	59 23.3 E. of S.
South edge of chimney on Dick Williamson's house.....	52 33.9 E. of S.

The north end of a meridian line 235 feet long is marked by a similar post, projecting about 6 inches above ground. It is near the east side of the courthouse building.

Iredell County, Statesville.—The station is in the rear of the Statesville high-school building. It is 111 feet south of the east corner of the southeast wing of the school building and 100.5 feet southeast of the south corner of that wing. It is marked by a marble post 4 feet long and 4 inches square, projecting 4 inches above ground, with a bronze disk in the top. The following true bearings were determined:

East edge of chimney of cottage, just above roof.....	63 16.7 W. of S.
East gable of residence on Front Street.....	68 17.4 W. of N.
Stone at top of southeast corner of high-school building.....	15 21.0 E. of N.
East edge of city water tank at lowest visible point.....	29 40.7 E. of N.
Steeple of Lutheran Church (mark).....	55 27.6 E. of N.

The station of 1899 was on the grounds of the graded school.

Jackson County, Webster.—The station is on the south side of the road which runs in front of the courthouse (which building, however, was being wrecked in February, 1931), and is marked by a granite post which projects about 8 inches above the ground. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S." The following true bearing was determined:

West corner of house 150 yards away.....	23 30.6 E. of N.
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A similar stone marks the north end of a meridian line. It is set within 3 feet of the courthouse wall and projects about 8 inches above the ground.

Johnston County, Smithfield.—The station is on the public-school grounds about ½ mile a little west of south of the courthouse. It is 185 feet from the north corner of the grammar-school building, 250 feet from the west corner of the same building, and 13 feet from the edge of the street. The station is marked with a granite post 8 by 8 by 36 inches, set flush with the ground, and lettered "U. S.," with a cross to mark the center. The following true bearings were determined:

Northwest corner of high school, 6 feet from the roof (mark).....	89 10.6 E. of N.
Apex of roof of frame cottage across the street.....	13 10.1 W. of S.

A similar monument was set against the pavement and flush with the ground, 75 feet from the west corner of the school building, to mark the south end of a meridian line 280 feet long. Auxiliary No. 1 was in the town cemetery, about 1 mile northeast of the primary. The station of 1899 was in the southeast corner of the courthouse square.

Jones County, Trenton.—The station was established on the school grounds about ½ mile a little north of west of the courthouse. It is about 500 feet from the concrete highway to Kinston, about 300 feet from the west corner of the new school building, 120 feet from the south corner, and 95 feet from the west corner of the old school building. It is marked with a granite post 6 by 6 by 48 inches, which projects about 4 inches above the ground and is lettered "N. C. G. S., U. S. C. S., 1900," with a cross in the center. The following true bearings were determined:

Southeast corner, near roof, of new school building (mark).....	73 56.6 E. of N.
South gable of residence east of school.....	80 18.9 E. of N.
West gable of house 300 yards away.....	65 41.6 E. of S.

A similar monument projecting about 4 inches above the ground is 360 feet true south and marks the meridian line. This monument is set flush with the fence to the south. The station of 1900 was in the courthouse square.

Lee County, Sanford.—The station is in the southern part of the grounds surrounding the county courthouse, about 1 mile northeast of the town's center. It is 10 paces northeast from the southwest border of the grounds and 48 paces northwest from the southeast border of the grounds. The station is marked with a brownstone post 6 by 8 by 36 inches, set with the top about 7 inches above ground. A bronze disk station marker is embedded in the top. The following true bearings were determined:

Lower northwest corner of brick frieze around jail.....	29 49.1 W. of N.
Lower southwest corner of courthouse, near ground.....	6 03.6 E. of N.

The north end of a meridian line about 420 feet long is marked by a similar brownstone post, 6 by 8 by 36 inches, with a hole cut in the top to mark the center. It projects about 7 inches above the ground. In 1931, this stone had been knocked out of line, leaning to the west.

Lenoir County, Kinston.—The station was established in the eastern section of Maplewood Cemetery, about ½ mile southeast of the courthouse. It is 70 feet from the gate of the south fence. The station is marked with a granite post 6 by 6 by 48 inches, lettered "N. C. G. S., U. S. C. S., 1899," with a cross cut in the center. The monument is set flush with the ground. The following true bearing was determined:

Apex of Hodges monument (mark).....	69 08.8 W. of N.
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The north end of a meridian line 315 feet long is marked with a granite post set flush with the ground about 200 feet from the north gate of the cemetery. The post is about 8 by 8 by 36 inches and is marked with a cross and the letters "U. S." The station of 1899 was in the northeast corner of the courthouse lot.

Lincoln County, Lincolnton.—The station is the north monument of the meridian line in the open courthouse square. It is a granite post projecting about 6 inches above the ground and is marked with a cross and the letters "N. C. G. S., U. S. C. S." The following true bearings were determined from the middle of the east edge of the monument:

Near southwest corner of First National Bank.....	68 38.3 E. of S.
Southwest corner of County National Bank.....	46 02.4 E. of S.

The south end of a meridian line is marked by a similar monument near the courthouse.

Macon County, Franklin.—The magnetic station was at an unmarked point about 40 feet southwest of the north stone of the meridian line which was established in the Baptist and Presbyterian Cemeteries about ¼ mile north of the center of town. The north stone is about 20 feet south of the north fence of the Presbyterian Cemetery and is a granite post projecting about 10 inches above the ground. The top is dressed 6 inches square and marked with a cross and the letters "N. C. G. S., U. S. C. S." A similar stone, projecting 10 inches above the ground, marks the south end of a meridian line about 250 feet long. It is about 15 feet inside the east boundary of the Baptist Cemetery and not far from a private garage. The following true bearings were determined from the south meridian stone:

West gable of barn ¼ mile away.....	83 30.0 E. of N.
North gable of residence 250 yards away.....	32 23.9 E. of S.
Dome of Baptist Church.....	5 25.0 W. of S.
Cupola on Presbyterian Church.....	31 18.2 W. of S.

The station of 1898 was in the northeast corner of the courthouse square.

Madison County, Marshall.—The station is on an island in the French Broad River, southwest of the courthouse. It is on the same level as the rear of the new school building, and is 131.7 feet northwest of its southwest corner. It is 15.5 feet south of the bank or edge of the ridge on which it is located, being 36.4 feet west of a medium-sized thorn tree which is 1 foot from the edge of the bank, and is the largest tree in the vicinity. The station is near the edge of a small clearing which forms a garden ground for the school, and just back of it is a small thicket. It is marked by a concrete post 36 inches long and 6 inches square, projecting 1½