

STATE OF ARKANSAS
ARKANSAS GEOLOGICAL SURVEY
GEORGE C. BRANNER
STATE GEOLOGIST

INFORMATION CIRCULAR 6

ELEVATIONS IN ARKANSAS

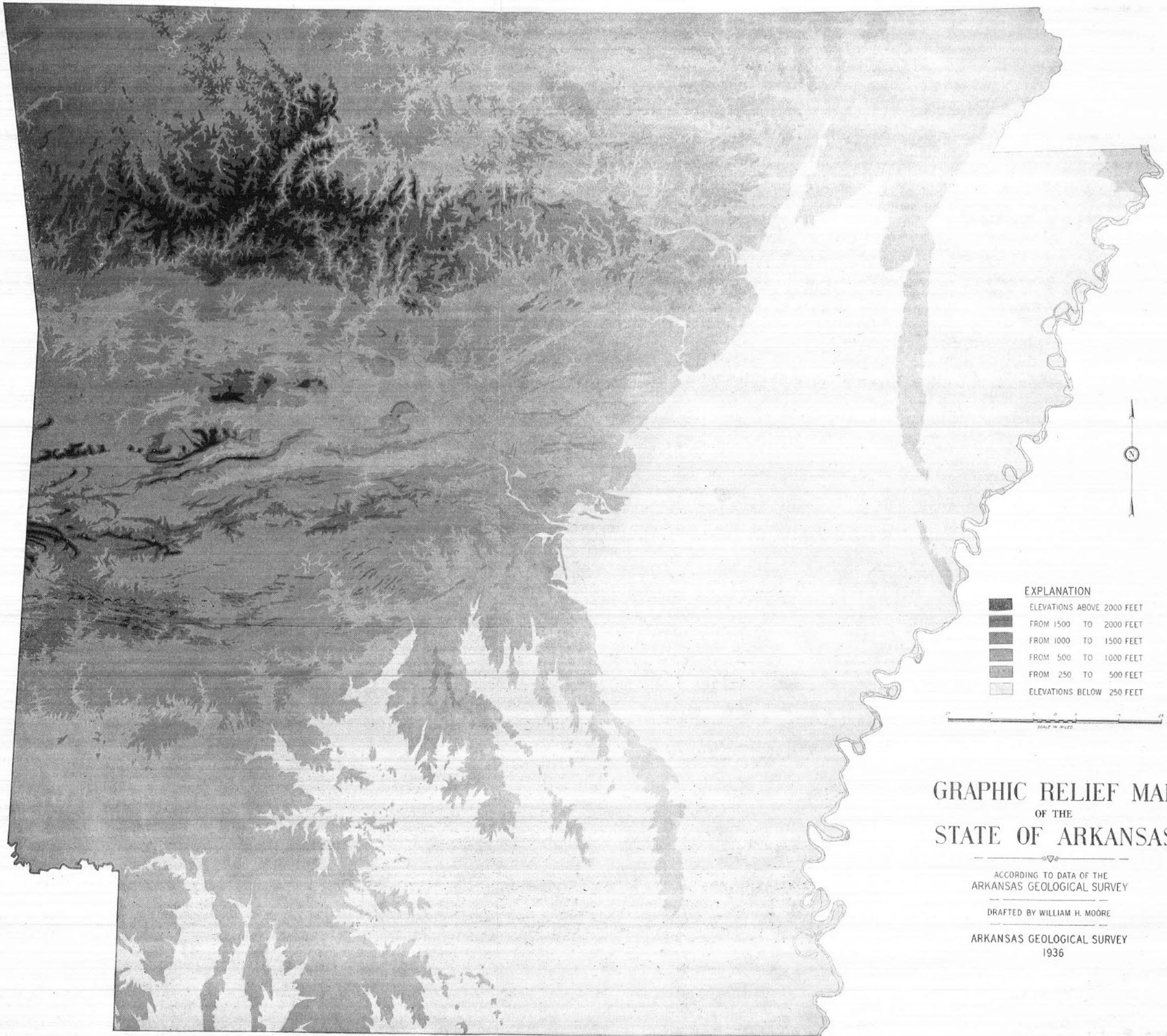
VOLUME II

CONTAINING ELEVATIONS
OF
TOWNS AND COMMUNITY CENTERS
IN
ASHLEY, BRADLEY, CHICOT,
DESHA AND DREW
COUNTIES







COMPILED UNDER THE DIRECTION OF
GEORGE C. BRANNER



LITTLE ROCK
1936



EXPLANATION

-  ELEVATIONS ABOVE 2000 FEET
-  FROM 1500 TO 2000 FEET
-  FROM 1000 TO 1500 FEET
-  FROM 500 TO 1000 FEET
-  FROM 250 TO 500 FEET
-  ELEVATIONS BELOW 250 FEET



GRAPHIC RELIEF MAP
OF THE
STATE OF ARKANSAS

ACCORDING TO DATA OF THE
ARKANSAS GEOLOGICAL SURVEY

DRAFTED BY WILLIAM H. MOORE

ARKANSAS GEOLOGICAL SURVEY
1936

STATE OF ARKANSAS
ARKANSAS GEOLOGICAL SURVEY
George C. Branner
State Geologist

INFORMATION CIRCULAR 6

ELEVATIONS IN ARKANSAS
VOLUME II

Containing elevations
of
Towns and Community Centers
in
Ashley, Bradley, Chicot, Desha
and
Drew Counties

Compiled under the direction of
George C. Branner

LITTLE ROCK
1936

LETTER OF TRANSMITTAL

ARKANSAS GEOLOGICAL SURVEY

Little Rock, Arkansas

August 4, 1936.

Hon. J. M. Futrell,
Governor, State of Arkansas,
Little Rock, Arkansas.

Dear Governor Futrell:

The first official list of elevations in Arkansas was published in 1894 in Volume II of the Annual Report of the Geological Survey of Arkansas for 1891, by John C. Branner, State Geologist. A chapter in that report is entitled, "Elevations in the State of Arkansas" and contains a list of 1,935 elevations of cities, towns, post offices and other points. A second list of elevations was published in 1906 in United States Geological Survey Professional Paper 46, "Geology and Underground Water Resources of Northern Louisiana and Southern Arkansas," by A. C. Veatch. This list, which is entitled, "Altitudes in Southern Arkansas," gives the elevations of 754 points in 26 counties of the Gulf Coastal Plain of southern Arkansas.

In view of the continual demand by engineers and others on the State Geological Survey for elevations throughout the state and, as level lines aggregating many thousands of miles have been run by the United States Coast and Geodetic Survey, the United States Geological Survey, the Corps of Engineers, U. S. Army, the Arkansas Geodetic Survey, the engineering staffs of many of the railroads, and by engineers in private practice, since 1915 the results of which are published in some 258 reports, many of which are difficult to secure, it has become apparent that a new list should be compiled and the published lists brought down to date. The present set of nine volumes, which include 14,421 elevations from reliable sources, is an attempt to provide such a list. Especial effort has been made to include the elevations of practically all towns, community centers, and mountains.

The compilation of the elevations listed in this volume and the remaining eight volumes of the report was begun in 1929 and continued from time to time through 1930, 1931, and

1932 by the personnel of the Arkansas Geological Survey. In 1933 the work was considerably expedited by the United States Coast and Geodetic Survey-Civil Works Administration "Local Control Surveys" project in Arkansas under the direction of the writer and in which 420 men were employed and many hundreds of new elevations determined.

Through the interest of Captain R. C. Limerick, Director of Operations of the State Works Progress Administration, personnel has been supplied for the completion of the work. In October 1935, the work began to take final form under Project Supervisor Carroll Allison and was later brought to completion under Supervisor George A. Rogers.

Respectfully submitted,


George C. Branner,
State Geologist.

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INTRODUCTION

By George A. Rogers

ARRANGEMENT OF VOLUMES

The list of elevations in Arkansas which has recently been completed by the Arkansas Geological Survey with the assistance of personnel supplied by the Works Progress Administration contains the elevations of 14,421 points in Arkansas. For convenience in publication and use by engineers and others, the report has been divided into nine (9) volumes, each of which contains elevations in a single group of counties. The numbers of the volumes and the corresponding counties for which elevations are listed are as follows:

- Vol. I Calhoun, Clark, Columbia, Dallas, Hempstead, Lafayette, Little River, Miller, Nevada, Ouachita and Union.
- Vol. II Ashley, Bradley, Chicot, Desha and Drew.
- Vol. III Arkansas, Cleveland, Grant, Jefferson and Lincoln.
- Vol. IV Lee, Lonoke, Monroe, Phillips and Prairie.
- Vol. V Crittenden, Cross, Jackson, St. Francis and Woodruff.
- Vol. VI Clay, Craighead, Greene, Lawrence, Mississippi, Poinsett and Randolph.
- Vol. VII Baxter, Benton, Boone, Carroll, Cleburne, Crawford, Fulton, Independence, Izard, Madison, Marion, Newton, Searcy, Sharp, Stone, Van Buren and Washington.
- Vol. VIII Conway, Faulkner, Franklin, Johnson, Logan, Pope, Sebastian and White.
- Vol. IX Garland, Hot Spring, Howard, Montgomery, Perry, Pike, Polk, Pulaski, Saline, Scott, Sevier and Yell.

These county groups, together with the corresponding volume numbers, are shown in Plate V.

DATUM PLANES

The datum plane to which each elevation is referred is noted under each elevation description given. However, only

two reference datum planes are used in nearly all instances in the present volumes. These are (1) "Mean Sea Level" as determined by the 1929 General Adjustment of the First Order Level Net by the United States Coast and Geodetic Survey and (2) "Mean Gulf Level" as determined by the Mississippi River Commission in 1899. The first is used for all elevations determined by the United States Coast and Geodetic Survey, the United States Geological Survey, the Arkansas Geodetic Survey and a few others. The second is used for the elevations determined by the Corps of Engineer, United States Army, principally in eastern Arkansas and in areas subject to flood by the Mississippi River and its tributaries.

The difference between the published elevations based on the two datum planes is never greater than .4 foot in Arkansas and is not the same at all points.

The term "mean sea level" is often used rather broadly by engineers without much thought as to its true meaning. Theoretically, mean sea level is the level the sea would assume if all effects of wind and tide were eliminated. If we assume this theoretical level to conform to that of the ideal curvature of the earth on the Atlantic Ocean, the Pacific Ocean and the Gulf of Mexico, we would have an ideal "mean sea level." However, the United States Coast and Geodetic Survey, from results obtained by running 60,000 miles of precise level lines in the United States and from 20,000 miles of precise level lines by the Geodetic Survey of Canada, and many years of observing 26 tide gages, has arrived at the conclusion that this ideal condition does not exist.

The following tables show the relative position of the Gulf of Mexico and Atlantic and Pacific Ocean levels at a few of the principal tide gaging stations, always assuming that the actual mean of the tide reading at Galveston, Texas represents the "ideal mean sea level." The plus signs indicate that the sea is higher than at Galveston, Texas, the minus signs indicate that it is lower.

	<u>Gulf Coast</u>	<u>Feet</u>
Galveston, Tex.		0.000
Pensacola, Fla.	-	0.164
Cedar Keys, Fla.	-	0.260
	<u>Atlantic Coast</u>	
St. Augustine, Fla.	-	0.885
Cape May, N. J.	↓	0.065
Boston, Mass.	↓	0.229
Halifax, N. S.	↓	0.262

<u>Pacific Coast</u>	<u>Feet</u>
San Diego, Cal.	‡ 1.083
San Francisco, Cal.	‡ 1.115
Seattle, Wash.	‡ 1.575
Prince Rupert, B. C.	‡ 1.903

Thus it is seen that there is actually lack of perfect conformity to the "ideal mean sea level" and if the sea occupied the space now occupied by the North American Continent and held its relative level as indicated by the tide gage readings, the surface of the sea at mean tide would be slightly warped instead of conforming to the ideal curvature of the earth.

With the adoption of the 1929 General Adjustment of the First Order Level Net of the United States Coast and Geodetic Survey these observed differences of the actual sea level were absorbed into the net by adjusting the elevations of the intersections of lines between gaging stations in proportion to their distances from the gaging stations. All elevations were then adjusted to the nearest intersections, the resulting datum being the "Mean Sea Level," which is one of the data used in this publication. The methods used in determining this datum are discussed in detail in an article, "The 1929 Adjustment of the Level Net," by H. H. Rappleye, of the United States Coast and Geodetic Survey, which appeared in the "Military Engineer," November-December, 1932, and in the United States Coast and Geodetic Survey Special Publication No. 166, "Geodetic Operations in United States," January 1, 1927 to December 31, 1929; by Wm. Bowie, and Special Publication No. 140 of the United States Coast and Geodetic Survey entitled "Manual of First-Order Leveling" by Henry C. Avers.

"Mean Gulf Level" is the datum used by the Corps of Engineers, United States Army, which was adopted by the Mississippi River Commission, June 21, 1899, and is based on a five year record of the automatic tide gage at Biloxi, Mississippi. Several railroads have also used this datum. Due to the fact that only one gaging station was used in determining this datum, the "warp" or "tilt" of the level of the sea, is not considered and the elevations given above the "Mean Gulf Level" are actually the vertical distances above the mean of the tide at Biloxi, corrected only for normal earth curvature. Consequently, the differences between "Mean Sea Level" and "Mean Gulf Level" are not constant in different areas. For example, at Memphis, Tennessee, elevations obtained from "Mean Gulf Level" are 0.294 feet higher than those obtained from "Mean Sea Level," while at Helena, Arkansas, those obtained from "Mean Gulf Level" are 0.099 feet higher than those obtained from "Mean Sea Level." In the detailed descriptions of authorities a conversion factor, if it is known, is noted.

The Cairo, Memphis and Vicksburg datum planes, formerly

used by the Mississippi River Commission in lieu of more accurate information, were considered as temporary only. Both were finally abandoned in 1930 and the Corps of Engineers, United States Army, now refer all of their elevations to the "Mean Gulf Level" datum.

The leveling operations conducted by the Corps of Engineers, United States Army, under the jurisdiction of the Mississippi River Commission, are of a high order of accuracy and have been used in their studies of the lands subject to flood along the Mississippi River and its tributaries. This leveling was not included as a whole, in the 1929 General Adjustment. It is to be hoped that in the future connections may be made between all of the United States Corps of Engineers lines and those of the Coast and Geodetic Survey, and adjustments made so that eventually the "Mean Gulf Level" datum can be abandoned and all elevations in the United States and Canada referred to one datum, i.e., "Mean Sea Level," 1929 adjustment.

ARKANSAS AUTHORITIES USED

United States Coast and Geodetic Survey

Of first importance is the First Order Level Net of the United States of the Coast and Geodetic Survey, comprising 2,000 miles of first order accuracy levels and 550 miles of second order accuracy levels in Arkansas. This is included in the 1929 General Adjustment and referred to the "Mean Sea Level" datum. The elevations determined are given in this publication. Additional second order lines with partially completed areas, in which the level lines are spaced at intervals of $7\frac{1}{2}$ miles, were executed in 1935. The elevations determined by this latter survey are not yet available.

United States Geological Survey

In mapping $7\frac{1}{2}$, 15 and 30 minute quadrangles in Arkansas, the United States Geological Survey, has completed many hundreds of miles of levels to supply the necessary vertical control. Thousands of permanent and temporary bench marks have been established by this agency and their descriptions and elevations are referred to "Mean Sea Level" and are listed in this publication.

Corps of Engineers, United States Army

Acting under the authority of the Mississippi River Commission, the Corps of Engineers, United States Army, have executed many hundreds of miles of levels of first and third order accuracy along the Mississippi River and its tributaries. This work was done under the direction of the Memphis, Tennessee, and Vicksburg, Mississippi, district offices. All bench marks placed by this agency have been described and ele-

vations given. These elevations are referred to "Mean Gulf Level."

Arkansas Geodetic Survey

Leveling and traverse operations were performed during the winter of 1933-1934 by the Civil Works Administration under the auspices of the United States Coast and Geodetic Survey. This work is of third order accuracy and is referred to the "Mean Sea Level" datum. A considerable number of these elevations are given.

Railroad Elevations

Elevations were obtained from all of the major railroads operating in Arkansas which, for the most part, are given. In some cases condensed profiles were available while in others lists of depots were given with a track elevation for each depot. Although the reference datum of some of these elevations is not certain, all available information is given in the detailed description of the authority.

Estimated Elevations

The elevations of towns, community centers, and mountains, where no bench marks are located, were taken from the topographic quadrangle maps published by the United States Geological Survey, the Corps of Engineers, United States Army, or from the state topographic map published by the Arkansas Geological Survey. In all cases these elevations are shown as "estimated," and are referred to the datum used on the map from which the elevations were estimated.

ACKNOWLEDGMENTS

Acknowledgment is made of the use of data by and appreciation is expressed for cooperation of the United States Coast and Geodetic Survey, the United States Geological Survey, Corps of Engineers, United States Army, Mississippi River Commission, St. Louis-San Francisco Railway, Missouri Pacific Railroad, Chicago Rock Island and Pacific Railway, St. Louis Southwestern Railway, Kansas City Southern Railway, DeQueen & Eastern Railway, Louisiana & Arkansas Railway, Missouri and North Arkansas Railroad, Warren and Ouachita Valley Railroad and the Texas and Pacific Railway.

USE. Corps of Engineers, United States Army
USGS United States Geological Survey
W. West or westerly
W&OV Warren & Ouachita Valley Railway

DETAILED DESCRIPTIONS OF AUTHORITIES

REFERRED TO IN THIS VOLUME

(USC&GS 1)

UNITED STATES COAST AND GEODETIC SURVEY, first-order leveling. Wilkersons Landing, Miss., to Little Rock, Ark. Standard elevations, in feet above mean sea level, based on the 1929 General Adjustment of the First-order Level Net. Line follows Missouri Pacific Railroad. Field work done in 1887-88.

(USC&GS 4)

UNITED STATES COAST AND GEODETIC SURVEY, first order leveling by the Corps of Engineers, U. S. Army. Arkansas City, Ark., to Parkeville, La. Standard elevations, in feet above mean sea level, based on the 1929 General Adjustment of the First-order Level Net. Line follows Missouri Pacific Railroad from Arkansas City, Ark., to Bonita, La. Line run in 1897.

(USC&GS 15)

UNITED STATES COAST AND GEODETIC SURVEY, second-order leveling. Crossett to Montrose, Ark. Standard elevations, in feet above mean sea level, based on the 1929 General Adjustment of the First-order Level Net. Line follows roads, the Union Sawmill Railroad, and State Highway 2 from Jacks Island to Crossett, and Missouri Pacific Railroad from Crossett to Montrose, from Montrose to Wilmot, and from Montrose to Arkansas City. The major portion of the field work done in February 1932; the remaining portion, in the vicinity of Marie Saline Landing and Jacks Island, done in October 1932, in February 1933, and in July 1933.

(USE 44)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Gillett quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey levels between Little Rock and Memphis.

U.S.E.D. surveys for Arkansas River.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. The adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the C. & G. survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G. value

U.S.C.& G. "O" at Little Rock - 288.684 C.& G. value

U.S.C.& G. "M" at Pine Bluff - 228.845 C.& G. value

U.S.C.& G. "Brinkley" at Brinkley - 207.473 C.& G. value
 U.S.C.& G. "Mesa" at DeValls Bluff -223.103 C.& G. value
 0.294 feet was added to these elevations to convert to
 mean gulf level.

All elevations given for points in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

(USE 49)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Henrico quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey first-order levels between Little Rock and Memphis.

M.R.C. levels along Mississippi River.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

U.S.E.D. levels for White River.

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.& G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.& G. value

U.S.C.& G. "O" at Little Rock - 238.684 C.& G. value

U.S.C.& G. "M" at Pine Bluff - 228.845 C.& G. value

0.294 feet was added to these elevations to convert to mean gulf level, the 0.294 feet being the difference between the U.S.C.& G.S. and the M.R.C. determinations at Memphis, Tennessee.

All elevations given for points in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

(USE 63)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Mellwood quadrangle. The elevations in this quadrangle are from the following sources:

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

M.R.C. levels along the Mississippi River.

The elevations as given in the quadrangle are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are shown here.

U.S.C.& G. "Memphis" (old) at Memphis - 264.598 M.G.L.

M.R.C. P.B.M. "Willow Grove" at

Willow Grove Landing

-167.054 M.G.L.

All elevations given in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines

herein listed.

(USE 92)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District. Elevations and Positions Along Mississippi River in Memphis Engineer District, January 1935. Part XVI. Sunflower Landing, Miss., to the mouth of Arkansas River, along left and right banks of Mississippi River. Elevations are in feet above mean gulf level. Positions are from third-order leveling by the Mississippi River Commission and Memphis Engineer District, based on precise leveling by the Mississippi River Commission and U. S. Coast and Geodetic Survey.

(USE 94)

CORPS OF ENGINEERS, U. S. ARMY, Vicksburg District. General Low Water Survey of 1929-30. Third-order levels based on Mississippi River Commission precise levels 1934. Mean gulf level datum.

(USE 96)

CORPS OF ENGINEERS, U. S. ARMY, Vicksburg District. L. S. S. Mississippi River Survey of 1933. Third-order levels. Elevations based on Mississippi River Commission precise levels 1934, or derived by equation thereof. Mean gulf level datum.

(USE 97)

CORPS OF ENGINEERS, U. S. ARMY, Vicksburg District. L. S. S. Mississippi River Right Bank Survey of 1933. Precise levels. Tied by or to elevations established by Mississippi River Commission precise levels 1934. Mean gulf level datum.

(USE 99)

CORPS OF ENGINEERS, U. S. ARMY, Vicksburg District. L. S. S. Arkansas River 1933. Third-order levels. Based on precise levels 1934. Mean gulf level datum.

(USE 101)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District. Permanent Bench Marks. Arkansas River Survey, May-December 1917. Little Rock to the Mouth. All elevations are referred to mean Gulf level, U. S. Coast and Geodetic Survey 1912 Standard. All brass caps mentioned are marked U. S. Engineers Office, Little Rock, Arkansas. Second-order leveling, executed by Corps of Engineers, U. S. Army, Memphis District.

Comparison of Level Datums on Little Rock to Mouth
Level Line Along Arkansas River.

(Table Con't. on Next Page)

B. M.	Location	Ark. Riv. Survey		
		1929 Ark. Sup. Adj.	Little Rock to Mouth	M. G.
O	(C. & G. S) : Little Rock	: 288.684	: 288.448	:
L	(do) : Pine Bluff (destroyed)	: 234.734	: 234.514	:
Gage III	(M. R. C.) : Mouth Ark. R:		: 153.324	: 153.390
Wolbrecht	(do) : do White R :		: 156.024	: 156.153
F	(C. & G. S) : Ark. City	: 139.012	:	: 139.178

(MRC 108)

MISSISSIPPI RIVER COMMISSION, Cominto 15 minute topographic quadrangle sheet. Latitude $33^{\circ} 30' - 33^{\circ} 45'$, longitude $91^{\circ} 30' - 91^{\circ} 45'$. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Vicksburg District, 1930-31, lithoprinted 1936. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 114)

MISSISSIPPI RIVER COMMISSION, Eudora 15 minute topographic quadrangle sheet. Latitude $33^{\circ} - 33^{\circ} 15'$, longitude $91^{\circ} 15' - 91^{\circ} 30'$. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Vicksburg District, 1929-30, lithoprinted 1935. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 131)

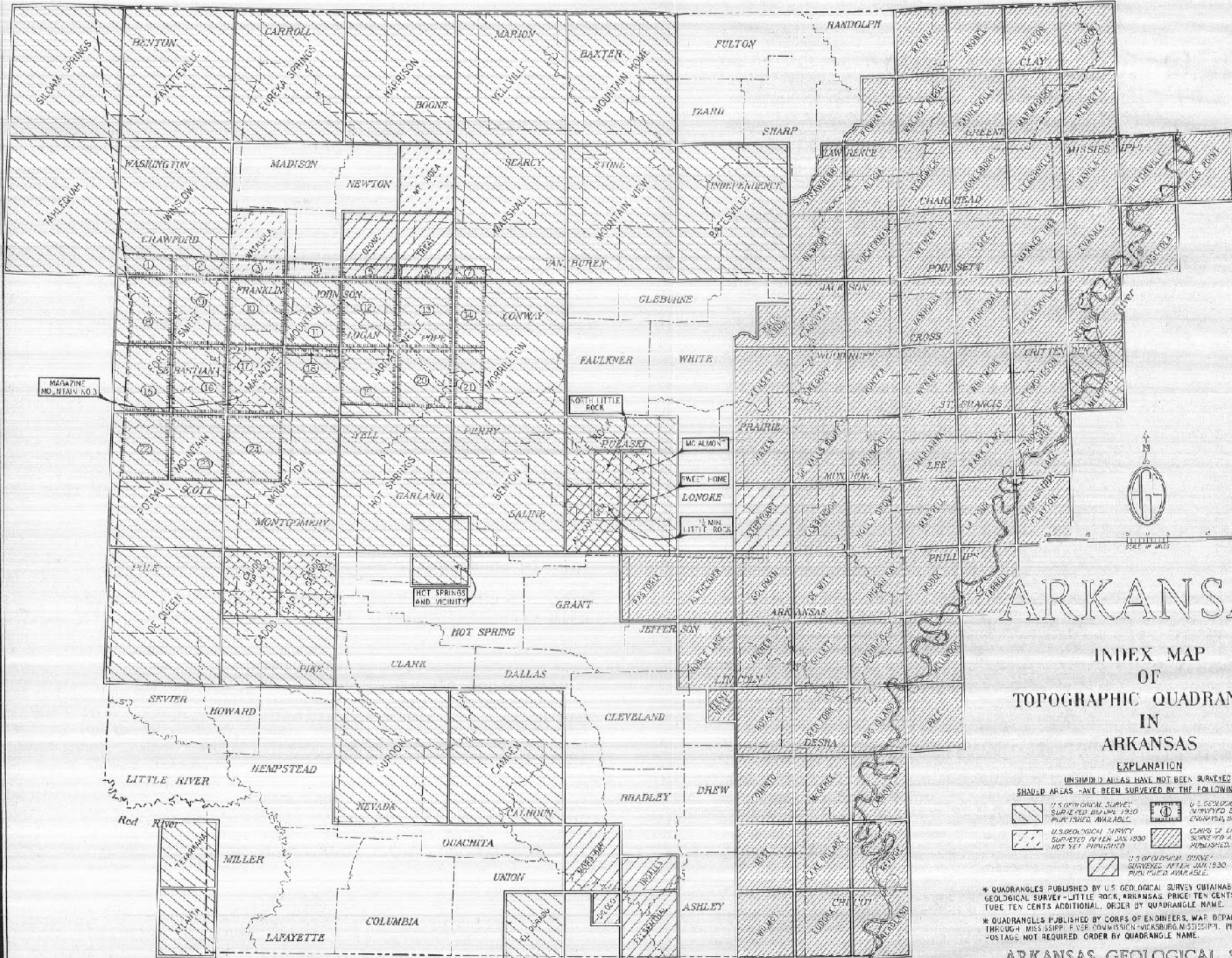
MISSISSIPPI RIVER COMMISSION, Lake Village 15 minute topographic quadrangle sheet. Latitude $33^{\circ} 15' - 33^{\circ} 30'$, longitude $91^{\circ} 15' - 91^{\circ} 30'$. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Vicksburg District, 1929-30, lithoprinted 1936. Scale 1:62500, 5-foot contour interval mean gulf level datum.

(MRC 132)

MISSISSIPPI RIVER COMMISSION, Latour 15 minute topographic quadrangle sheet. Latitude $34^{\circ} 30' - 34^{\circ} 45'$, longitude $90^{\circ} 30' - 90^{\circ} 45'$. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1933. Scale 1:62500, contour interval 5 and 25 feet changing on the 200 foot contour east of ridge and the 250-foot contour west of ridge, mean gulf level datum.

(MRC 139)

MISSISSIPPI RIVER COMMISSION, McGehee 15 minute topographic quadrangle sheet. Latitude $33^{\circ} 30' - 33^{\circ} 45'$, longitude $91^{\circ} 15' - 91^{\circ} 30'$. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Vicksburg District, 1929-30, lithoprinted 1936. Scale 1:62500, 5-foot contour interval,



ARKANSAS

INDEX MAP OF TOPOGRAPHIC QUADRANGLES IN ARKANSAS

- EXPLANATION**
- UNSHADDED AREAS HAVE NOT BEEN SURVEYED
 SHADDED AREAS HAVE BEEN SURVEYED BY THE FOLLOWING AGENCIES
- U.S. GEOLOGICAL SURVEY SURVEYED BY U.S. 1930 PUBLISHED AVAILABLE
 - U.S. GEOLOGICAL SURVEY SURVEYED BEFORE 1930 PUBLISHED, BUT NOT FOR DISTRIBUTION
 - U.S. GEOLOGICAL SURVEY SURVEYED BEFORE JAN. 1930 NOT YET PUBLISHED
 - CORPS OF ENGINEERS, WAR DEPARTMENT SURVEYED AFTER JAN. 1930 PUBLISHED AVAILABLE
 - U.S. GEOLOGICAL SURVEY SURVEYED AFTER JAN. 1930 PUBLISHED AVAILABLE

* QUADRANGLES PUBLISHED BY U.S. GEOLOGICAL SURVEY OBTAINABLE THROUGH ARKANSAS GEOLOGICAL SURVEY - LITTLE ROCK, ARKANSAS. PRICE: TEN CENTS EACH. POSTAGE AND TUBE TEN CENTS ADDITIONAL. ORDER BY QUADRANGLE NAME.

* QUADRANGLES PUBLISHED BY CORPS OF ENGINEERS, WAR DEPARTMENT, OBTAINABLE THROUGH MISSISSIPPI RIVER COMMISSION - MEMPHIS, MISSISSIPPI. PRICE: TEN CENTS EACH. POSTAGE NOT REQUIRED. ORDER BY QUADRANGLE NAME.

ARKANSAS GEOLOGICAL SURVEY

mean gulf level datum.

(MRC 142)

MISSISSIPPI RIVER COMMISSION, Mist 15 minute topographic quadrangle sheet. Latitude $33^{\circ} 15'$ - $33^{\circ} 30'$, longitude $91^{\circ} 30'$ - $91^{\circ} 45'$. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Vicksburg District, 1930-31, lithoprinted 1933. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 150)

MISSISSIPPI RIVER COMMISSION, Roadland 15 minute topographic quadrangle sheet. Latitude 33° - $33^{\circ} 15'$, longitude 91° - $91^{\circ} 15'$. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Vicksburg District, 1929-30, lithoprinted 1933. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 151)

MISSISSIPPI RIVER COMMISSION, Rector 15 minute topographic quadrangle sheet. Latitude $36^{\circ} 15'$ - $36^{\circ} 30'$, longitude $90^{\circ} 15'$ - $90^{\circ} 30'$. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1934. Scale 1:62500, contour interval 5 and 25 feet changing on the 325-foot contour on Crowley's Ridge, mean gulf level datum.

(MRC 152)

MISSISSIPPI RIVER COMMISSION, Red Fork 15 minute topographic quadrangle sheet. Latitude $33^{\circ} 45'$ - 34° , longitude $91^{\circ} 15'$ - $91^{\circ} 30'$. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Vicksburg District, 1929-30, lithoprinted 1933. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 153)

MISSISSIPPI RIVER COMMISSION, Refuge 15 minute topography quadrangle sheet. Latitude $33^{\circ} 15'$ - $33^{\circ} 30'$, longitude 91° - $91^{\circ} 15'$. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Vicksburg District, 1929-30, lithoprinted 1933. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(USE 165)

CORPS OF ENGINEERS, U. S. ARMY, Vicksburg District. Survey of Alluvial Valley of Ark. River 1930-31 and Boeuf River Survey 1928-1929. Third-order levels unless designated precise. Mean Gulf datum.

(MRC 167)

MISSISSIPPI RIVER COMMISSION, Description, Elevations, and Geodetic Positions of Permanent Marks, Survey Mississippi River, Vol. II, Mouth of White River to Mouth of Red River. Published 1915. Bench marks designated "B.M." determined

by ordinary levels. Bench marks of a temporary character on precise level lines designated "T.B.M." Work executed by Corps of Engineers, U. S. Army, and Mississippi River Commission. Mean gulf level datum.

(USGS 186)

UNITED STATES GEOLOGICAL SURVEY, Hamburg quadrangle (Ark-La). Latitude 33° - 33° 15', longitude 91° 45' - 92° . Third-order leveling in 1932. 1929 General Adjustment. Supplementary to second-order list. Elevations above mean sea level.

(USGS 187)

UNITED STATES GEOLOGICAL SURVEY, Hampton quadrangle (Ark). Latitude 33° 30' - 33° 45', longitude 92° 15' - 92° 30'. Third-order leveling in 1933. 1929 General Adjustment. Elevations above mean sea level.

(USGS 198)

UNITED STATES GEOLOGICAL SURVEY, Moro Bay quadrangle (Ark). Latitude 33° 15' - 33° 30', longitude 92° 15' - 92° 30'. Third-order leveling in 1933. 1929 General Adjustment. Supplementary to first-order leveling Bull. 636 corrected. Elevations above mean sea level.

(USGS 207)

UNITED STATES GEOLOGICAL SURVEY, Warren quadrangle (Ark). Latitude 33° 30' - 33° 45', longitude 92° - 92° 15'. Third-order leveling in 1933. 1929 General Adjustment. Elevations above mean sea level.

(USGS 212)

UNITED STATES GEOLOGICAL SURVEY, Felsenthal quadrangle (Ark-La). Latitude 33° - 33° 15', longitude 92° - 92° 15'. Third-order leveling in 1932. 1929 General Adjustment. Supplementary to Bull. 636 corrected and to second-order list. Elevations above mean sea level.

(USGS 215)

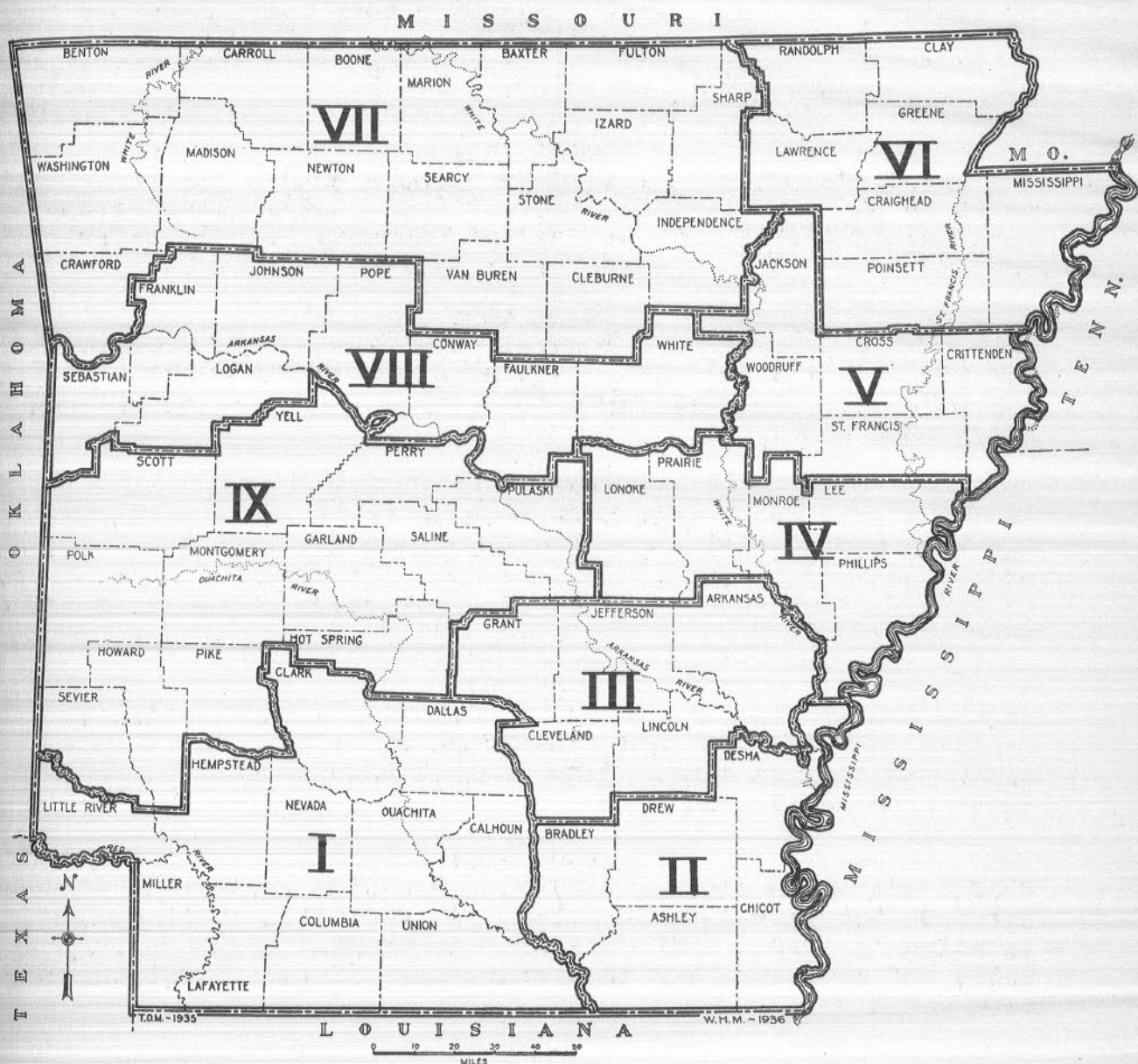
UNITED STATES GEOLOGICAL SURVEY, Ingalls quadrangle (Ark). Latitude 33° 15' - 33° 30', longitude 92° - 92° 15'. Third-order leveling in 1932-33. 1929 General Adjustment. Elevations above mean sea level.

(USGS 241)

UNITED STATES GEOLOGICAL SURVEY, Bull. 636, Spirit Leveling in Arkansas, 1896 to 1915 Inclusive. Published in 1916. Most of the work is third-order. Mean sea level datum as of 1912 General Adjustment of the U. S. Coast and Geodetic Survey first-order level net.

(MP 243)

MISSOURI PACIFIC RAILROAD. Elevations on lines in Arkansas. Mean sea level datum.



MAP SHOWING GROUPS OF COUNTIES FOR WHICH ELEVATIONS ARE PUBLISHED

NUMBERS REFER TO VOLUME NUMBERS
OF
INFORMATION CIRCULAR 6

(CRI&P 245)

CHICAGO, ROCK ISLAND & PACIFIC RAILWAY. Condensed profile of lines in Arkansas. Furnished June 6, 1929. Mean sea level datum.

(W&CV 251)

WARREN & OUACHITA VALLEY RAILWAY. Elevations on lines in Arkansas. Furnished June 21, 1929. Datum is supposedly sea level, but not tied in to government benches.

(AGS 254)

ARKANSAS GEOLOGICAL SURVEY Annual Report for 1891, Vol. II. Elevations in Arkansas. Datum is mean tide level on the Gulf of Mexico.

(AGS 300)

ARKANSAS GEOLOGICAL SURVEY Topographic Map of the State of Arkansas, 1930. Datum is mean sea level.

CROSS INDEX TO LEVEL LINES IN
ASHLEY COUNTY

Line No. 4

Wilmot

Line No. 15

Bovine
Boydell
Crossett
Hamburg
Mist
Montrose
Parkdale
Portland
Snyder
Wilmot

Line No. 165

Boydell
Montrose
Parkdale
Portland
Sunshine
Wilmot

Line No. 186

Crossett
Stillions
Wallace Chapel
Wallace Chapel School

Line No. 212

Crossett
Indian Creek
Marie Saline Bridge
Stillions
U. S. Lock No. 6 on Ouachita River
Venice
Wallace Chapel School
White

Line No. 215

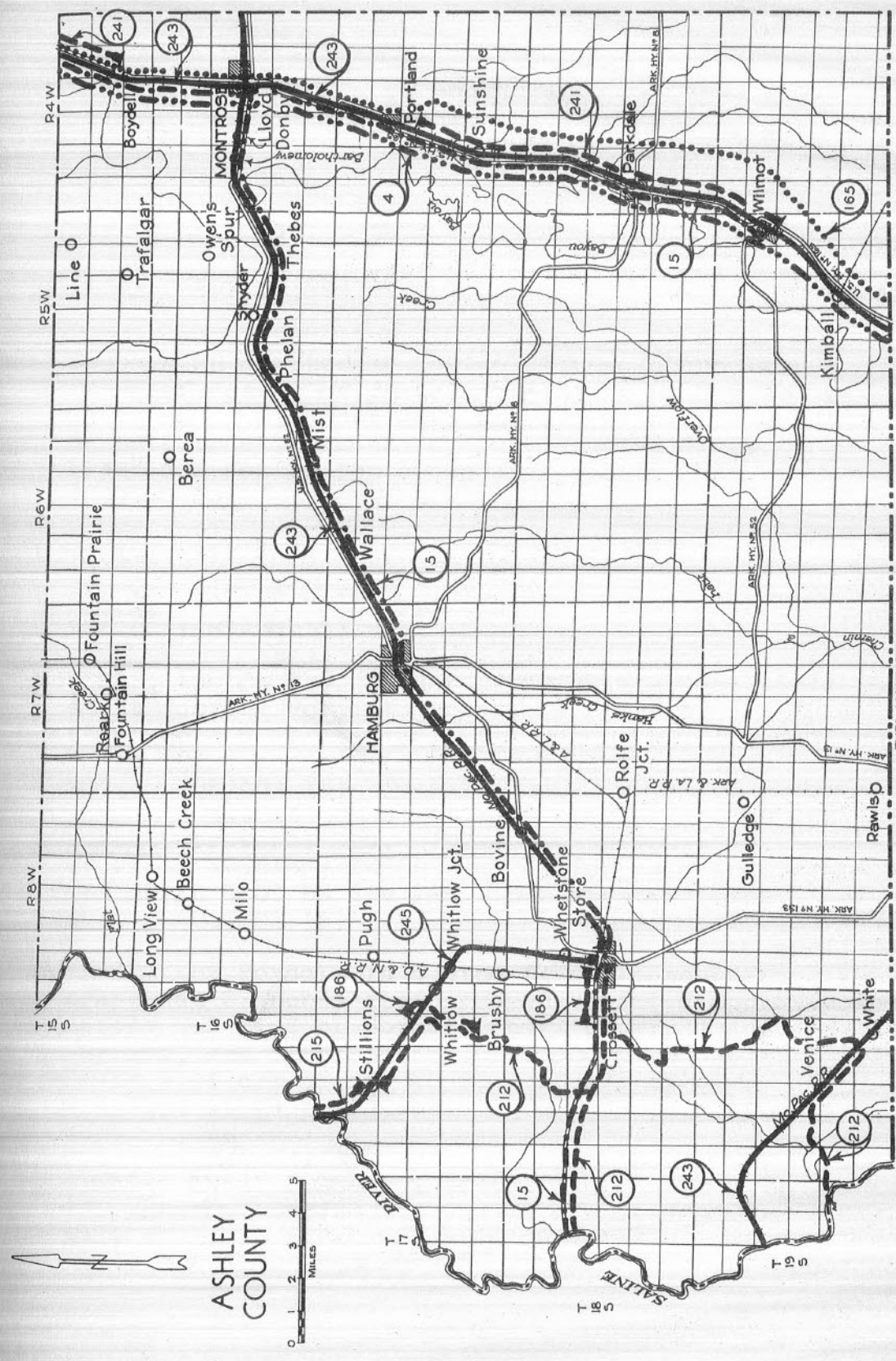
Stillions

Line No. 243

Crossett
Hamburg
Kimball
Mist
Montrose
Owens
Snyder
Thebes
Wilmot

Line No. 245

Crossett
Emory
Whitlow



ASHLEY COUNTY



EXPLANATION

- UNITED STATES COAST & GEODETIC SURVEY
- SECOND ORDER (PUBLISHED)
- UNITED STATES GEOLOGICAL SURVEY
- THIRD ORDER (PUBLISHED)
- CORPS OF ENGINEERS, WAR DEPARTMENT
- FIRST ORDER (PUBLISHED BY U.S.C. & G.S.)
- SECOND, THIRD, & FOURTH ORDER
- RAILROAD COMPANIES
- ORDER INDEFINITE OR UNKNOWN (PUBLISHED INF. CIRCULAR 6)

<u>Name and description</u>	<u>Elev. ft.</u>
<u>AMERICAN.</u> Est. (AGS 300)	117.1
<u>ANNA.</u> Est. (AGS 300)	75.
<u>BEECH CREEK.</u> Est. (AGS 300)	125.
<u>BOVINE.</u> Est. (AGS 300)	165.
<u>BOVINE.</u> About 6.5 mi W by S, along MP RR from Hamburg RR station at Bovine siding, about 120 ft NE of center of grade crossing of St Hwy 2, 27 ft SW of milepost 469, and 48 ft NW of c/l of main track. Standard disk, stamped "P 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	182.526
<u>BOYDELL.</u> See Kidd's Spur. (USGS 241)	
<u>BOYDELL.</u> Top of rail opposite MP RR station. MSL. (USC&GS 15)	133.5
<u>BOYDELL.</u> 85 ft S of SW cor of MP RR station; 47 ft W of c/l of main track, 11 ft NE of first pole S of station. Standard disk, stamped "C 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	131.053
<u>BOYDELL.</u> Traverse Sta. (USE) About 700 yds S of MP RR station; 20 ft E of c/l of main track and 50 ft W of US Hwy 165. USE standard mark. MSL. (USC&GS 15)	125.991
<u>BOYDELL.</u> BM Boydell is a pipe flange bench with brass cap 3 inches above ground; located approximately 0.5 mi S of Boydell, between MP RR and Hwy 165, and intersection of dirt rd and hwy; 25 ft E of c/l of RR, 58 ft W of c/l of hwy, and 45.3 ft NW of NW cor of concrete culvert. MGL. (USE 165)	125.88
<u>BOYDELL.</u> About 1.25 mi S of station, on US Hwy 165, at sta 1342+95, and on SW cor of W head-wall of a concrete culvert. Chiseled square. MSL. (USC&GS 15)	126.922
<u>BRUSHY.</u> Est. (AGS 300)	165.
<u>CROSSETT.</u> See Indian Creek. (USGS 212)	
<u>CROSSETT.</u> See Marie Saline Bridge. (USGS 212)	

<u>Name and description</u>	<u>Elev. ft.</u>
<u>CROSSETT.</u> See US Lock No. 6. (USGS 212)	
<u>CROSSETT.</u> Station. (CRI&P 245)	164.
<u>CROSSETT.</u> Top of S rail opposite MP RR station. MSL. (USC&GS 15)	161.4
<u>CROSSETT.</u> Station. (MP 243)	159.0
<u>CROSSETT.</u> At W edge of; 15 ft N and 42 ft W of hwy crossing RR, in top of headwall of concrete culvert; chiseled square, marked "USBM 144.7." MSL. (USGS 186)	144.40
<u>CROSSETT.</u> At SE cor of intersection of First Street and Hwy 2, 42 ft E of c/l of First Street; 34 ft S of c/l of hwy and 5.5 ft SE of inside cor of sidewalks. Standard disk, stamped "L 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	167.218
<u>CROSSETT.</u> 54 ft W of NW cor of MP RR station, and 20 ft S of c/l of track. Standard disk, stamped "N 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	161.424
<u>CROSSETT.</u> About 450 ft W of main street of town; 50 ft S of c/l of St Hwy 2; at NW cor of old city jail, and on top of cor brick of first course, which extends outward 2 inches from face of wall. Top of brick. MSL. (USC&GS 15)	162.375
<u>CROSSETT.</u> Milepost 50 (MP RR). About 0.25 mi E along MP RR from station at; at pole 474+7, in top of concrete milepost. Copper bolt. MSL. (USC&GS 15)	158.576
<u>CROSSETT.</u> 1.5 mi W of; along St Hwy 2, at W end of curve in rd opposite Carter's general store; on top of S headwall of concrete culvert; chiseled square, marked "USBM 136.5." MSL. (USGS 186)	136.16
<u>CROSSETT.</u> About 2 mi W along St Hwy 2 from; on E edge of crest of small rise, 54 ft N of c/l of hwy, at right-of-way line. Standard disk, stamped "K 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	158.277
<u>CROSSETT.</u> About 2.5 mi W of; along Hwy 2; 40 ft S and 8 ft E from crossroads, in top of end of concrete tile under rd; chiseled square, marked	

<u>Name and description</u>	<u>Elev. ft.</u>
"USBM 136.1." MSL. (USGS 212)	135.74
<u>CROSSETT.</u> About 2.5 mi W, along St Hwy 2; thence 0.6 mi S of; at end of traveled rd, 60 ft N of old logging RR right-of-way, inside of fence; in root of 16-inch oak tree; copper nail and washer, marked "USBM 144.4." MSL. (USGS 212)	144.07
<u>CROSSETT.</u> About 2.5 mi W, along St Hwy 2, thence 1.75 mi S from; on W side of cleared right-of-way, 150 ft S of bend in right-of-way; on root E side of 26-inch oak tree; copper nail and washer, marked "USBM 116.3." MSL. (USGS 212)	116.00
<u>CROSSETT.</u> T18S-R9W, cor secs 26, 27, 34 and 35; 15 ft N and 45 ft W from center of T-rd S, inside of field; 35 ft W from fence cor post, in top of concrete post; standard tablet, stamped "TT 1 C 1932," and marked "USP BM 112.3." MSL. (USGS 212)	112.044
<u>Reference Mark.</u> In SW angle of T-rd S, in W root of large hickory tree. Copper nail and washer. MSL. (USGS 212)	115.35
<u>CROSSETT.</u> T18S and 19S-R9W. Near township lines; secs 34 and 35, T18S and secs 2 and 3, T19S, near cor of; on W side of rd, 10 ft S and 25 ft W from drain crossing, in root W side of 15-inch oak tree. Copper nail and washer, marked "USBM 128.9." MSL. (USGS 212)	128.61
<u>CROSSETT.</u> About 3 mi NE, along MP RR from station at; 28 ft W of pole S of pole 471+15; 46 ft W of center of grade crossing; 52 ft S of c/1 of track. Standard disk, stamped "M 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	162.106
<u>CROSSETT.</u> 138.96 (ASHC). About 3 mi W, along St Hwy 2 from; at sta 143-30, 65 ft S of c/1 of hwy, in root on N side of an 8-inch white oak tree. Top of spike. MSL. (USC&GS 15)	138.701
<u>CROSSETT.</u> T18S-R9W $\frac{1}{4}$ cor secs 3 and 10; 1.1 mi N of Locke School; 2.6 mi S of Wallace Chapel; 15 ft S and 25 ft W from center of T-rd W; 12 ft W of cor fence post, in top of concrete post; standard tablet, stamped "TT 5 C 1933." MSL. (USGS 212)	96.725
<u>Reference Mark.</u> 40 ft S and 40 ft W from T-rd	

<u>Name and description</u>	<u>Elev. ft.</u>
W, in root E side of 32-inch oak tree. Copper nail and washer, MSL. (USGS 212)	96.28
<u>CROSSETT.</u> About 3.5 mi W of; along St Hwy 2, on N side of hwy, in root S side of 18-inch leaning oak tree. Copper nail and washer, marked "USBM 126.9." MSL. (USGS 212)	126.59
<u>CROSSETT.</u> About 4.3 mi W of; along St Hwy 2; 56 ft S of T-rd N, in root N side of 6-inch oak tree. Copper nail and washer, marked "USBM 113.3." MSL. (USGS 212)	112.95
<u>CROSSETT.</u> 4.3 mi W, along St Hwy 2; thence 0.75 mi N of; 17 ft N and 23 ft W from crossroads at Locke School, in root S side of 20-inch oak tree. Copper nail and washer, marked "USBM 109.7." MSL. (USGS 212)	109.34
<u>CROSSETT.</u> About 5.5 mi W of; along St Hwy 2; about 0.25 mi SW of USC&GS disk "J 12 1932" and crossroads, in top of E headwall of concrete culvert; chiseled square, marked "USBM 105.2." MSL. (USGS 212)	104.88
<u>CROSSETT.</u> About 5.25 mi W, along St Hwy 2 from; about 200 ft E of E end of curve, 26 ft W of c/l of crossroads, 48 ft N of c/l of hwy, 16 ft W of fence cor, in SE cor of small cleared field. Standard disk, stamped "J 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	116.141
<u>CROSSETT.</u> Milepost 45 (MP RR). About 5.25 mi NE along MP RR from station at; at pole 469+7, in top of concrete milepost. Copper bolt. MSL. (USC&GS 15)	177.473
<u>CROSSETT.</u> 100.17 (ASHC). About 6-1/3 mi W along St Hwy 2 from; about 500 ft SE of first curve E of Ouachita River; 90 ft S by W of sta 318+80; in root on E side of 6-inch blazed black gum tree. Highest point of spike driven through bottle cap. MSL. (USC&GS 15)	99.957
<u>CROSSETT.</u> About 6.5 mi W of; along St Hwy 2, 2.3 mi E of Ouachita River, 315 ft SE of T-rd N, at curve in rd, on N side of rd, in top of headwall NW cor of concrete culvert; chiseled square, marked "USBM 89.7." MSL. (USGS 212)	89.51
<u>CROSSETT.</u> 4.3 mi W, thence 2.75 mi N from; 2 mi	

<u>Name and description</u>	<u>Elev. ft.</u>
N of Locke School; 40 ft E of rd forks, in root W side of 22-inch elm tree. Copper nail and washer, marked "USBM 109.4." MSL. (USGS 212)	109.09
<u>CROSSETT.</u> About 7.25 mi W of; along St Hwy 2; 1.25 mi E of Ouachita River, 10 ft W of NE cor of second Ouachita relief bridge, on top of hub guard rail; chiseled square, marked "USBM 93.3." MSL. (USGS 212)	92.90
<u>CROSSETT.</u> About 8.25 mi W, along St Hwy 2 from; about 0.6 mi E of Ouachita River, in N concrete hub guard of first Ouachita relief bridge; 3 ft from E end. Standard disk, stamped "H 12 1932." MSL. (USC&GS 15)	92.962
<u>CROSSETT.</u> About 9 mi W, along St Hwy 2 from; on NE wing wall of bridge over Ouachita River, in middle of second panel from E end; in top of concrete hub guard. Standard disk, stamped "G 12 1932." MSL. (USC&GS 15)	94.705
<u>CROSSETT.</u> "F 12, 1932." MSL. (USC&GS 15) See Union Co.	94.596
<u>EASON.</u> Est. (AGS 300)	78.
<u>EMORY.</u> Station. (CRI&P 245)	87.
<u>FOUNTAIN HILL.</u> Est. (AGS 300)	175.
<u>GULLEDGE.</u> Est. (AGS 300)	100.
<u>HAMBURG.</u> See Wallace Chapel School. (USGS 212)	
<u>HAMBURG.</u> Station. (MP 243)	167.0
<u>HAMBURG.</u> In front or N wall of MP RR station; 1.5 ft E of white waiting room door, 4 ft above platform. Standard disk, stamped "R 12 1932" and set vertically. MSL. (USC&GS 15)	174.360
<u>HAMBURG.</u> In top of step of W entrance to Co court-house; 6 inches E of last rise, 5.6 ft S of center of door. Standard disk, stamped "S-12-1932." MSL. (USC&GS 15)	177.067
<u>HAMBURG.</u> Top of N rail opposite MP RR milepost 463. MSL. (USC&GS 15)	164.9
<u>HAMBURG.</u> Top of N rail opposite MP RR milepost	

<u>Name and description</u>	<u>Elev. ft.</u>
461. MSL. (USC&GS 15)	151.9
<u>HAMBURG.</u> Top of N rail opposite MP RR milepost 464. MSL. (USC&GS 15)	178.6
<u>HAMBURG.</u> Milepost 40 (MP RR). About 1.75 mi W along MP RR from station at pole 464-7; in top of concrete milepost. Copper bolt. MSL. (USC&GS 15)	179.199
<u>HAMBURG.</u> About 2.5 mi E, along MP RR from station; 6 ft E of pole 460-1, 50 ft E of center of grade crossing, 28 ft N of c/1 of track. Standard disk, stamped "T 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	175.380
<u>HAMBURG.</u> About 2.75 mi W by S, along MP RR from station; 58 ft NE of pole 465-5, 53 ft SE of c/1 of track; 10 ft S of c/1 of rd, 20 ft E of NW cor of cleared field. Standard disk, stamped "Q 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	170.334
<u>HAMBURG.</u> Top of N rail opposite MP RR milepost 460. MSL. (USC&GS 15)	175.5
<u>HAMBURG.</u> Milepost 35 (MP RR). About 3.25 mi E along MP RR from station, at pole 459-7, in top of concrete milepost. Copper bolt. MSL. (USC&GS 15)	168.54
<u>HAMBURG.</u> Top of N rail opposite MP RR milepost 467. MSL. (USC&GS 15)	178.2
<u>HAMBURG.</u> Top of N rail opposite MP RR milepost 468. MSL. (USC&GS 15)	182.1
<u>HAMBURG.</u> Top of N rail opposite MP RR milepost 469. MSL. (USC&GS 15)	179.6
<u>INDIAN CREEK.</u> About 905 ft E of; 0.5 mi W of logging RR of Crossett Lumber Company, 60 ft N of center of rd; 57 ft NW of fence cor; 85 ft E of SE cor of Gus Boyd's barn, in concrete post; standard tablet, stamped "TT 2 C 1932" and marked "USP BM 107.5." MSL. (USGS 212)	107.251
<u>Reference Mark.</u> 40 ft W of fence cor at second class rd fork N to house, in root of tree; copper nail and washer. MSL. (USGS 212)	107.15

<u>Name and description</u>	<u>Elev. ft.</u>
<u>INDIAN CREEK.</u> About 0.5 mi E of; 70 ft S and 25 ft W from rd crossing logging RR of Crossett Lumber Company; in root N side of 12-inch oak; copper nail and washer, marked "USBM 102.9." MSL. (USGS 212)	102.67
<u>INDIAN CREEK.</u> About 1 mi N of; 20 ft E of center of rd; in root W side of 15-inch pine tree; copper nail and washer, marked "USBM 132.2." MSL. (USGS 212)	131.95
<u>KIDDS SPUR.</u> In NW cor of P. L. McGrudy's yard and about 25 meters E of track; pipe flange bench. (USCE PBM Kidd) MSL. (USGS 241)	124.652
<u>KIMBELL.</u> Station. (MP 243)	107.6
<u>LINE.</u> Est. (MRC 142)	172.
<u>LLOYD.</u> Village. Est. (MRC 142)	126.
<u>LONGVIEW.</u> Est. (AGS 300)	125.
<u>MACK.</u> Est. (MRC 142)	120.
<u>MARIE SALINE BRIDGE.</u> 250 ft S and E of W end of W approach to; in river bottom; on river bank, on root N side of oak; copper nail and washer, marked "USBM 70.2." MSL. (USGS 212)	69.82
<u>MARIE SALINE BRIDGE.</u> 3 ft from end of SE wing-wall, on hub guard rail; chiseled square. MSL. (USGS 212)	94.06
<u>MILO.</u> Est. (AGS 300)	125.
<u>MIST.</u> Station. (MP 243)	176.0
<u>MIST.</u> Top of N rail opposite MP RR station. MSL. (USC&GS 15)	178.4
<u>MIST.</u> About 1 mi W along MP RR; 7 ft E of milepost 457, 29 ft W of center of grade crossing, 53 ft S of c/1 of St Hwy 2, and 27 ft N of c/1 of track. Standard disk, stamped "U 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	180.039
<u>MIST.</u> Top of rail opposite MP RR milepost 457. MSL. (USC&GS 15)	180.6
<u>MIST.</u> Top of rail opposite MP RR milepost 454.	

<u>Name and description</u>	<u>Elev. ft.</u>
MSL. (USC&GS 15)	188.7
<u>MIST.</u> About 1.5 mi E along MP RR; 54 ft E of pole 454-15, 48 ft W of center of grade crossing, 28 ft N of c/l of track. Standard disk, stamped "V 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	183.175
<u>MIST.</u> Top of rail opposite MP RR milepost 453. MSL. (USC&GS 15)	187.1
<u>MIST.</u> Top of rail opposite MP RR milepost 458. MSL. (USC&GS 15)	174.5
<u>MONTROSE.</u> Station. (MP 243)	126.3
<u>MONTROSE.</u> Top of rail at crossing of main and branch lines of MP RR. MSL. (USC&GS 15)	128.1
<u>MONTROSE.</u> At crossing of main and branch lines of MP RR; 68 ft E of pole 443-20, 131 ft E of c/l of main track, 28 ft N of c/l of branch track. Standard disk, stamped "A 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	125.948
<u>MONTROSE.</u> On MP RR, about 200 yds W of RR crossing; 94 ft S by E of pole 443-25, 50 ft E of W end of cross-over track, and 38 ft S of c/l of main track. Standard disk, stamped "Z 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	126.292
<u>MONTROSE.</u> Approximately 1,000 ft E of MP RR station; N of Luna Crossett branch line of MP RR; in SW cor of front yard of Ran Jones' residence; 67.5 ft N of c/l of RR and 21.2 ft SW of SW cor of house. Pipe flange bench with brass cap 5 inches above ground. BM Montrose. MGL. (USE 165)	123.24
<u>MONTROSE.</u> About 0.5 mi W along MP RR; at pole 444-7, and in top of concrete milepost 20. Copper bolt. MSL. (USC&GS 15)	128.133
<u>MONTROSE.</u> About 5/8 mi W, along MP RR; 25 ft NW of pole 444-12, 50 ft N of c/l of track; 37 ft W of 18-inch pin oak in front yard of house owned by J. A. Streeter; 1 ft S of fence line. Standard disk, stamped "Y 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	128.753
<u>MONTROSE.</u> Top of rail opposite MP RR milepost	

<u>Name and description</u>	<u>Elev. ft.</u>
445. MSL. (USC&GS 15)	128.6
<u>MONTROSE.</u> About 2.2 mi N along MP RR, in top of concrete milepost 430. Copper bolt. MSL. (USC&GS 15)	132.569
<u>MONTROSE.</u> About 2.25 mi N along MP RR; about 415 ft N of concrete milepost 430, 46 ft N of center of grade crossing; 46 ft W of c/l of track, 19 ft N of fence cor. Standard disk, stamped "B 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	129.662
<u>MONTROSE.</u> About 2.9 mi S along MP RR, in top of concrete milepost 435. Copper bolt. MSL. (USC&GS 15)	128.363
<u>MONTROSE.</u> Approximately 3 mi S of; 1.75 mi NE of Portland; about 0.6 mi E of Hwy 165, on S side of sec line rd, in front of tenant house owned by T. R. Pugh and occupied by G. B. Scott; well in SW cor of yard and 40-inch forked cottonwood in SE cor of yard. BM is 4 ft S of fence and 33.4 ft W of 8-inch gum tree; pipe flange bench with brass cap 5 inches above ground. BM Roark. MGL. (USE 165)	121.48
<u>MONTROSE.</u> Top of rail opposite MP RR milepost 446. MSL. (USC&GS 15)	128.7
<u>MONTROSE.</u> Top of rail opposite MP RR milepost 447. MSL. (USC&GS 15)	125.8
<u>MONTROSE.</u> 4.5 mi W along MP RR; about 200 yds W of point, where St Hwy 2 leaves track at Owens; 9 ft E of milepost 448, 54 ft S of c/l of hwy, 27 ft N of c/l of track. Standard disk, stamped "X 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	130.013
<u>MONTROSE.</u> Top of rail opposite MP RR milepost 448. MSL. (USC&GS 15)	130.2
<u>MONTROSE.</u> Top of rail opposite MP RR milepost 449. MSL. (USC&GS 15)	130.6
<u>MORRELL.</u> Station. (AGS 254)	132.97
<u>OWENS.</u> Station. (MP 243)	130.0
<u>PARKDALE.</u> Top of rail opposite MP RR station. MSL. (USC&GS 15)	119.2

<u>Name and description</u>	<u>Elev. ft.</u>
<u>PARKDALE.</u> 88 ft NE of NE cor of MP RR station; 72 ft S of center of grade crossing, 31 ft E of c/l of main track, and 8 ft S of pole 444+29. Standard disk, stamped "N 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	117.444
<u>PARKDALE.</u> Approximately 1 mi E of Parkdale; on E side of old Eudora to Parkdale dirt rd, about 700 ft E of Eudora to Parkdale Hwy 8; 42 ft E of NE cor of unoccupied tenant house; 11.2 ft S of 36-inch cottonwood tree, at SW cor of house, and pipe flange bench with brass cap 6 inches above ground. BM Last. MGL. (USE 165)	111.60
<u>PARKDALE.</u> About 1 mi E of; on Parkdale to Eudora Hwy 8, in NE cor of yard of house owned and occupied by S. O. Savage; 46.6 ft SE of SE cor of house, 22.1 ft NE of 60-inch oak tree. Pipe flange bench with brass cap 4 inches above ground. BM Savage. MGL. (USE 165)	111.58
<u>PARKDALE.</u> About 2.5 mi N, along MP RR from station; about 0.25 mi N of grade crossing, 42 ft N of pole 442+16, 49 ft W of c/l of track, and 26 ft E of c/l of US Hwy 165. Standard disk, stamped "M 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	118.484
<u>PHELAN.</u> Est. (AGS 300)	175.
<u>PORTLAND.</u> Top of rail opposite MP RR station. MSL. (USC&GS 15)	129.0
<u>PORTLAND.</u> About 1/3 mi N, along MP RR from station; about 0.5 poles S of pole 436-4; 69 ft N of center of grade crossing, 50 ft W of c/l of track, and 10 ft N of fence cor. Standard disk, stamped "K 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	127.099
<u>PORTLAND.</u> About 1.5 mi E of; on S side of Portland to Lake Village dirt rd, on S bank of dry bayou; in NW cor of yard of house owned by Guy Linsley, 20 ft NW of NW cor of house and 20 ft SW of 15-inch twin chinaberry tree. Pipe flange bench with brass cap 8 inches above ground. BM Ike. MGL. (USE 165)	126.15
<u>PORTLAND.</u> About 2.5 mi S, along MP RR from station; 12 ft S of pole 438+28; immediately S of cattle crossing, E of negro's shack; 51 ft W of c/l of track, and 25 ft E of c/l of US Hwy 165.	

<u>Name and description</u>	<u>Elev. ft.</u>
Standard disk, stamped "L 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	115.288
<u>PORTLAND.</u> About 3.6 mi S along MP RR from station, and in top of concrete milepost 440. Copper bolt. MSL. (USC&GS 15)	117.159
<u>PUGH.</u> Est. (AGS 300)	160.
<u>RAWLS.</u> Est. (AGS 300)	85.
<u>RENFROW.</u> Est. (MRC 142)	120.
<u>ROARK.</u> Village. Est. (MRC 131)	120.
<u>ROLFE JUNCTION.</u> Est. (AGS 300)	125.
<u>SNYDER.</u> Station. (MP 243)	174.0
<u>SNYDER.</u> About 70 yds W of MP RR station; near W end of siding; about 100 ft W of center of grade crossing; 8 ft E of pole 451-17, 30 ft N of c/l of main track. Standard disk, stamped "W 12 1932" and set in top of concrete post. MSL. (USC&GS 15)	175.055
<u>SNYDER.</u> Milepost 25 MP RR. About 2.25 mi E along MP RR from station at pole 449-7, in top of concrete milepost. Copper bolt. MSL. (USC&GS 15)	130.584
<u>SNYDER.</u> Top of rail opposite MP RR milepost 451. MSL. (USC&GS 15)	174.7
<u>STILLIONS.</u> 63 ft E and 84 ft N from center of rd crossing, 140 ft N from NE cor of CRI&P Ry depot; 5 ft E from cor of picket fence, in concrete post; standard tablet, stamped "TT 9 C 1933." MSL. (USGS 215)	86.664
<u>Reference Mark.</u> 115 ft N and 92 ft E from rd crossing RR tracks at station; in root S side of 36-inch pine tree; copper nail and washer. MSL. (USGS 215)	86.97
<u>STILLIONS.</u> 0.9 mi SE of; along CRI&P Ry, in SE cor of wooden bridge 329; copper nail and washer, marked "USBM 87.2." MSL. (USGS 212)	86.87
<u>STILLIONS.</u> 1 mi NW of; along CRI&P Ry, in SE cor of wooden trestle 310; copper nail and washer, marked "USBM 87.3." MSL. (USGS 215)	86.98

<u>Name and description</u>	<u>Elev. ft.</u>
<u>STILLIONS.</u> 2 mi SE of; along CRI&P Ry, 54 ft E and 21 ft N from center of rd crossing; 39 ft N of N rail of RR, on top of small mound, in concrete post; standard tablet, stamped "TT 8 C 1933." MSL. (USGS 212)	103.102
<u>STILLIONS.</u> 2.5 mi SE of; along CRI&P Ry, on SE cor of bridge 345; copper nail and washer, marked "USBM 106.7." MSL. (USGS 212)	106.37
<u>STILLIONS.</u> 3.5 mi SE of; along CRI&P Ry, 25 ft E of rd crossing, in N end of wooden culvert; copper nail and washer, marked "USBM 136.9." MSL. (USGS 186)	136.64
<u>STILLIONS.</u> 3.9 mi SE of; along CRI&P Ry, 55 ft S and 72 ft W from center of RR crossing; 36 ft E and 12 ft N from center of T-rd W, 35 ft W of center of RR, in RR right-of-way property, in top of concrete post; standard tablet, stamped "TT 7 C 1933." MSL. (USGS 186)	156.298
<u>Reference Mark.</u> 100 ft N and 75 ft E from rd crossing RR tracks; in root S side of 20-inch pine tree; copper nail and washer. MSL. (USGS 186)	154.26
<u>SUNSHINE.</u> Est. (MRC 142)	115.
<u>SUNSHINE.</u> Approximately 1.25 mi SW of Sunshine; 3,000 ft E of Hwy 165; in NW cor of field; field is at first rd turning S from dirt rd that runs E from hwy; 3.6 ft E of fence and 2.5 ft S of fence. Pipe flange bench with brass cap 4 inches above ground. BM Washington. MGL. (USE 165)	119.72
<u>THEBES.</u> Station. (MP 243)	129.0
<u>TRAFALGAR.</u> Est. (MRC 142)	170.
<u>U.S. LOCK 6 ON OUACHITA RIVER.</u> E side of river, on N end of concrete abutment of dam; chiseled square, marked "USBM 63.9." MSL. (USGS 212)	63.48
<u>U.S. LOCK 6 ON OUACHITA RIVER.</u> About 1 mi E of; 5 mi W of White; 260 ft E of rd forks at edge of bayou, on S side of rd, in root N side of 36-inch oak tree; copper nail and washer, marked "USBM 64.1." MSL. (USGS 212)	63.76
<u>VENICE.</u> About 0.75 mi NW of; 3.5 mi NW of White;	

<u>Name and description</u>	<u>Elev. ft.</u>
55 ft SE of c/l of MP RR, in root N side of 36-inch oak tree; copper nail and washer, marked "USBM 79.0." MSL. (USGS 212)	78.83
<u>VENICE.</u> See U.S. Lock 6 on Ouachita River. (USGS 212)	
<u>WALLACE CHAPEL.</u> 117 ft W of NW cor of; 168 ft N and 128 ft E of NE cor of Wallace School-house, 66 ft S and 58 ft W from center of T-rd E, in top of concrete post; standard tablet, stamped "TT 6 C 1933." MSL. (USGS 186)	143.535
<u>Reference Mark.</u> 50 ft S and 12 ft E from T-rd E of above; in root W side of 28-inch oak tree; copper nail and washer. MSL. (USGS 186)	144.09
<u>WALLACE CHAPEL SCHOOL.</u> 0.5 mi S of; 4.3 mi W, thence 3.75 mi N from Crossett; on W side of rd, in front of farmhouse, in root E side of 8-inch oak tree; copper nail and washer, marked "USBM 130.0." MSL. (USGS 212)	129.74
<u>WALLACE CHAPEL SCHOOL.</u> About 1.5 mi N of; 22 ft N and 30 ft E from dim crossroads; in root W side of 24-inch gum tree; copper nail and washer, marked "USBM 163.9." MSL. (USGS 186)	163.55
<u>WALLACE CHAPEL SCHOOL.</u> About 2 mi N of; 45 ft E and 25 ft N from T-rd; in root of 8-inch oak tree; copper nail and washer, marked "USBM 152.4." MSL. (USGS 186)	152.12
<u>WALLACE.</u> Est. (AGS 300)	170.
<u>WHITE.</u> About 1.75 mi NW of; along MP RR, 960 ft SE of intersection of MP RR and Crossett Lumber Company RR; 40 ft S and 20 ft E from center of rd crossing, in concrete post; standard tablet, stamped "TT 3 C 1932" and marked "USP BM 82.3." MSL. (USGS 212)	82.147
<u>WHITE.</u> About 2 mi N of; along logging RR of Crossett Lumber Company; about 0.25 mi E of junction of logging RR and MP RR, 25 ft N and 45 ft E from rd crossing; in root S side of 12-inch oak tree; copper nail and washer, marked "USBM 82.0." MSL. (USGS 212)	81.79
<u>WHITE.</u> About 3 mi N of; along logging RR of Crossett Lumber Company; 18 ft S and 28 ft E from rd crossing, in root W side of 15-inch	

<u>Name and description</u>	<u>Elev. ft.</u>
oak tree; copper nail and washer, marked "USBM 84.0." MSL. (USGS 212)	83.82
<u>WHITE.</u> About 3.5 mi NW, along MP RR; thence 0.75 mi SW of; on E side of rd, in root W side of 15-inch oak tree; copper nail and washer, marked "USBM 75.2." MSL. (USGS 212)	74.94
<u>WHITE.</u> About 4 mi W of; on N side of Mossy Lake; 35 ft N and 20 ft E from center of triangle of rd forks, in root W side of 10-inch cypress tree; copper nail and washer, marked "USBM 63.9." MSL. (USGS 212)	63.62
<u>WHITLOW.</u> Station. (CRI&P 245)	142.
<u>WILMOT.</u> Station. (MP 243)	114.5
<u>WILMOT.</u> PBM. About 55 yds NE of MP RR station; about 33 yds W of track, and in SE cor of yard around Hotel Chesmett. Top of cap on 1½-inch iron pipe projecting about 4 inches above ground. MSL. (USC&GS 4) MSL. (USGS 241)	114.921 114.770
<u>WILMOT.</u> Approximately 2 mi E; in NE cor of field, at point where rd turns S from E and W rd, where ditch running S hits rd and turns E along N side of rd, 1.5 ft inside of each fence. Pipe flange bench with brass cap 6 inches above ground. BM Tex. MGL. (USE 165)	104.7
<u>WILMOT.</u> P 13. About 2.25 mi N along MP RR; 94 ft N of pole opposite pole 447-06; 96 ft S of farm rd crossing, 49 ft W of c/l of track and 29 ft E of c/l of US Hwy 165. Standard disk, stamped "P 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	111.811
<u>WILMOT.</u> Approximately 3 mi S; at SE cor of dipping vat (abandoned); 300 ft W of c/l of dirt rd, 8 ft E and 2 ft N of SE cor of dipping vat; approximately 0.5 mi S of where gravel ends on rd. Pipe flange bench with brass cap 6 inches above ground. BM Lou. MGL. (USE 165)	100.08

CROSS INDEX TO LEVEL LINES IN
BRADLEY COUNTY

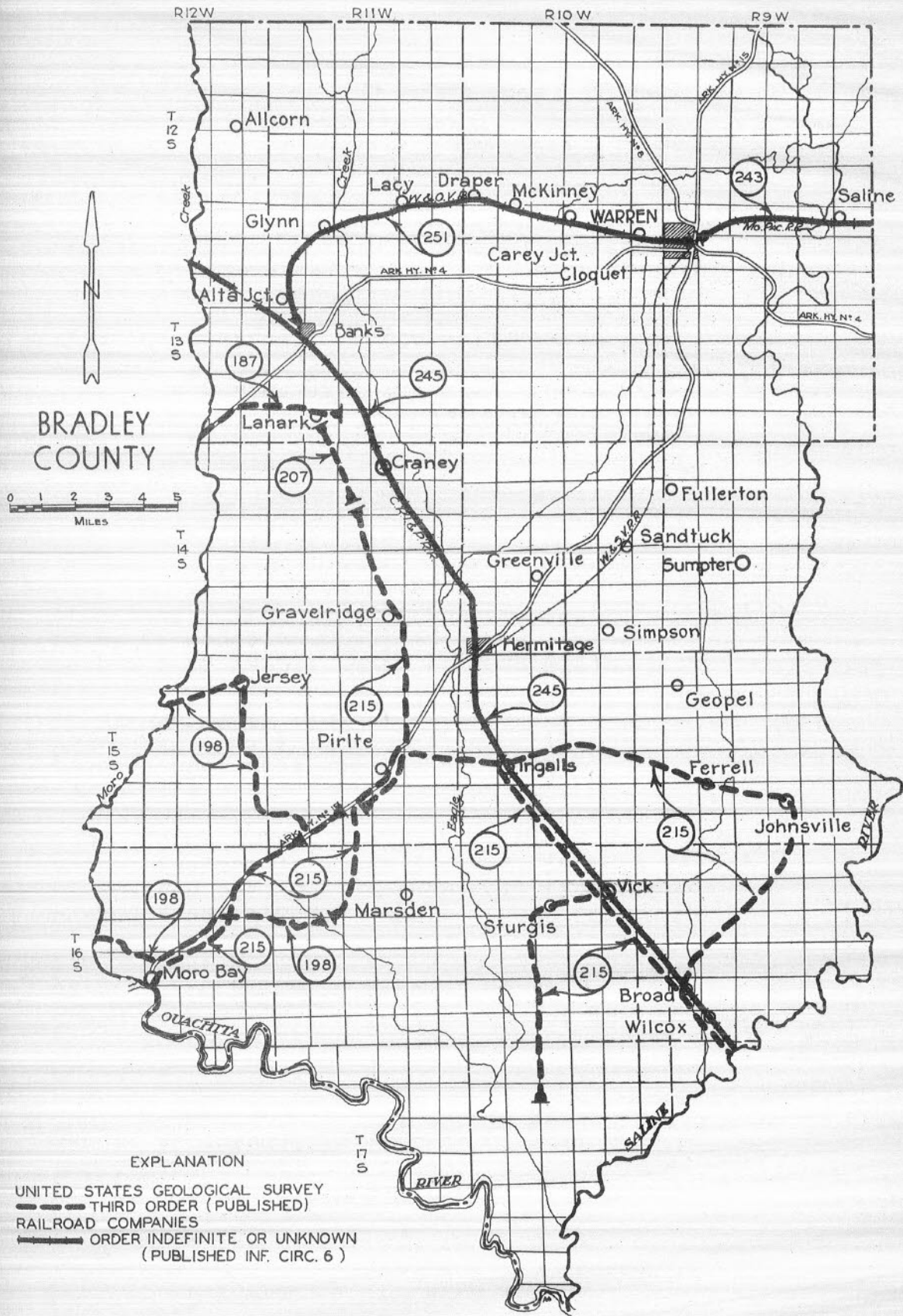
Line No. 187

Lanark

Line No. 207

Lanark

Line No. 243Saline
WarrenLine No. 245Banks
Broad
Castleberry
Craney
Hermitage
Ingalls
VickLine No. 251Alta Junction
Banks
Carey Junction
Colquet
Glynn
Lacy Hill
WarrenLine No. 198Hilo School
Jersey
Moro BayLine No. 215Antioch Church
Broad
Eagle Lake School
Gravelridge
Gravelridge School
Hermitage
Hilo Church
Hilo School
Ingalls
Johnsville
Lanark
Moro Bay
Spring Hill School
Vick
Wilcox Switch



BRADLEY COUNTY

EXPLANATION

- UNITED STATES GEOLOGICAL SURVEY
- THIRD ORDER (PUBLISHED)
- RAILROAD COMPANIES
- ORDER INDEFINITE OR UNKNOWN (PUBLISHED INF. CIRC. 6)

<u>Name and description</u>	<u>Elev. ft.</u>
<u>ALTA JUNCTION.</u> Station. (W&OV 251)	295.
<u>ANTIOCH CHURCH.</u> 1.4 mi S of Gravelridge, 50 ft E and 8 ft S from SE cor of; 15 ft W from center of rd, in root SE side of 30-inch oak tree; copper nail and washer, marked "180.1." MSL. (USGS 215)	179.96
<u>BANKS.</u> Connection. (W&OV 251)	294.
<u>BANKS.</u> See Spring Hill School. (USGS 215)	
<u>BANKS.</u> Station. (CRI&P 245)	201.
<u>BRADLEY.</u> Est. (AGS 300)	150.
<u>BROAD.</u> Station. (CRI&P 245)	105.
<u>BROAD.</u> 86 ft N and 43 ft E from center of rd crossing, 5 ft S and 23 ft E from center of T-rd N, in concrete post; standard tablet stamped "TT 1 LS 1933." MSL. (USGS 215)	107.792
<u>Reference mark.</u> 130 ft N of rd crossing RR at above station, in root W side of 15-inch oak tree; copper nail and washer. MSL. (USGS 215)	107.59
<u>BROAD.</u> About 0.8 mi N of, 40 ft NE of Hampton Chapel (colored), 25 ft S of rd, in root W side of 20-inch oak tree; copper nail and washer, marked "USBM 112.6." MSL. (USGS 215)	111.90
<u>BROAD.</u> About 1 mi NW of; along CRI&P RR, 2 mi SE of Vick, 50 ft SW of tracks, 70 ft W of telegraph pole 27/25, in root N side of 12-inch oak tree; copper nail and washer, marked "USBM 123.0." MSL. (USGS 215)	122.72
<u>BROAD.</u> About 1.6 mi N of, 125 ft SE of Broad School (colored), in NE root of 15-inch gum tree, copper nail and washer, marked "USBM 117.1." MSL. (USGS 215)	116.38
<u>BROAD.</u> About 2.75 mi N of, 15 ft SE of rd, in root on N side of 20-inch white oak tree, copper nail and washer, marked "USBM 102.9." MSL. (USGS 215)	102.28
<u>CAMP.</u> Est. (AGS 300)	140.
<u>CARY JUNCTION.</u> Station. (W&OV 251)	383.

<u>Name and description</u>	<u>Elev. ft.</u>
<u>CARY JUNCTION.</u> Est. (AGS 300)	200.
<u>CASTLEBERRY.</u> Station. (CRI&P 245)	141.
<u>COLQUET.</u> Station. (W&OV 251)	343.
<u>COLQUET.</u> Est. (AGS 300)	210.
<u>COMSTOCK.</u> Est. (AGS 300)	140.
<u>CRANEY.</u> Station. (CRI&P 245)	155.
<u>EAGLE LAKE SCHOOL.</u> 82 ft N of NE cor of school-house; in NW $\frac{1}{4}$ sec 9 T16S-R10W; 147 ft W of center of rd, 15 ft E of center of private rd, that leads from school to farmhouse, in group of small oak trees, in concrete post; standard tablet, stamped "TT 12 L S 1933." MSL. (USGS 215)	102.691
<u>Reference mark:</u> 150 ft N of NE cor of school, in root E side of 22-inch oak tree; copper nail and washer. MSL. (USGS 215)	102.99
<u>EAGLE LAKE SCHOOL.</u> About 1 mi N of; 20 ft E of center of rd, in root W side of 12-inch oak tree; copper nail and washer marked "USBM 102.3." MSL. (USGS 215)	101.92
<u>EAGLE LAKE SCHOOL.</u> About 1.75 mi N of; along rd to; 70 ft S and 30 ft E of dim rd forks, in root N side of 12-inch pine tree; copper nail and washer, marked "USBM 104.0." MSL. (USGS 215)	103.64
<u>EAGLE LAKE SCHOOL.</u> 4.25 mi N of; 5.5 mi S of In-galls, along Eagle Lake school rd, 40 ft E and 25 ft S from crossroad, in root W side of 10-inch oak tree; copper nail and washer, marked "USBM 134.2." MSL. (USGS 215)	133.88
<u>EAGLE LAKE SCHOOL.</u> About 3.75 mi N of; along rd to; 15 ft E and 10 ft S of dim crossroads, in top of 12-inch pine stump; copper nail and washer, marked "USBM 111.0." MSL. (USGS 215)	110.63
<u>GLYNN.</u> Station. (W&OV 251)	281.
<u>GRAVELRIDGE.</u> About NW of center of NW $\frac{1}{4}$ sec 26 T14S-R11W, 14 ft S and 27 ft E from center of T-rd E, in concrete post; standard tablet, stamped "193" "TT 19 B 1933" and marked "192.5." MSL. (USGS 215)	192.309

<u>Name and description</u>	<u>Elev. ft.</u>
<u>Reference Mark.</u> 140 ft S and 15 ft E from T-rd E, in root W side of 30-inch oak tree; copper nail and washer. MSL. (USGS 215)	193.24
<u>GRAVELRIDGE.</u> 0.4 mi N of; 20 ft W of rd, in root NW side of 14-inch pine tree; copper nail and washer, marked "198.0." MSL. (USGS 215)	197.88
<u>GRAVELRIDGE.</u> 0.4 mi S of; 20 ft S and 15 ft E from center of T-rd E, in root NE side of 16-inch china-berry tree; copper nail and washer, marked "191.7." MSL. (USGS 215)	191.53
<u>GRAVELRIDGE.</u> 0.9 mi S of; 25 ft E and 100 ft S from center of T-rd E, 60 ft W of farmhouse in root SW side of 18-inch oak tree; copper nail and washer, marked "184.7." MSL. (USGS 215)	184.56
<u>GRAVELRIDGE.</u> 1.1 mi N of; 5 mi SE of Lanark; 30 ft W and 20 ft S from center of T-rd W, in root SW side of 30-inch gum tree; copper nail and washer, marked "179.1." MSL. (USGS 215)	178.95
<u>GRAVELRIDGE.</u> 55 ft N and 59 ft E from NE cor of schoolhouse, 590 ft N of cor secs 2, 3, 10 and 11 T15S-R11W, 555 ft S of crossroads, 35 ft W of rd, in concrete post; standard tablet, stamped "TT 20 B 1933" and marked "185.0." MSL. (USGS 215)	184.773
<u>Reference Mark.</u> 60 ft E of, above school, in school yard, in root E side of 24-inch pine tree; copper nail and washer (by Jones, 1933). MSL. (USGS 215)	181.91
<u>GRAVELRIDGE SCHOOL.</u> About 1 mi S, 1 mi N of St Hwy 15, 125 ft N and 20 ft W from dim rd E, in root SE side of 15-inch pine tree; copper nail and washer, marked "USBM 175.6." MSL. (USGS 215)	175.24
<u>GREENVILLE.</u> Est. (AGS 300)	150.
<u>HERMITAGE.</u> Station. (CRI&P 245)	143.
<u>HERMITAGE.</u> About 5 mi SW of; along St Hwy 15, 55 ft S and 25 ft E from center of T-rd SE, 40 ft E from E wing wall of small concrete culvert; in concrete post; standard tablet stamped "TT 7 L S 1933." MSL. (USGS 215)	162.436
<u>Reference Mark.</u> 65 ft S of T-rd E, in top of W	

<u>Name and description</u>	<u>Elev. ft.</u>
headwall of concrete culvert on top of valve-head, top of bolt. MSL. (USGS 215)	163.14
<u>HILO CHURCH.</u> About 1 mi SE of; 25 ft E of T-rd NE, in root W side of 15-inch oak tree; copper nail and washer, marked "USBM 124.8." MSL. (USGS 215)	124.46
<u>HILO CHURCH.</u> About 2 mi NE of; 250 ft N of dim rd forks, 12 ft E of center of rd, in root W side of 15-inch hickory tree; copper nail and washer, marked "USBM 160.4." MSL. (USGS 215)	160.02
<u>HILO CHURCH.</u> About 2.5 mi NE of; 100 ft N of rd forks, 10 ft W of center of rd, in root NW side of 12-inch oak tree; copper nail and washer, marked "USBM 163.7." MSL. (USGS 215)	163.27
<u>HILO SCHOOL.</u> In NE cor of school yard, in SE cor sec 31 T15S-R11W, 92 ft S and 5 ft W from center of crossroads, in concrete post; standard tablet, stamped "TT 25 T 1933 136," marked "135.6." MSL. (USGS 198)	135.655
<u>Reference mark.</u> About 600 ft NE of school, 95 ft SW and 50 ft SE from center of crossroads, in root NE side of 18-inch oak tree; copper nail and washer. MSL. (USGS 198)	136.45
<u>HILO SCHOOL.</u> 0.5 mi N of; along rd to Jersey, 30 ft E from center of rd, in root W side of 15-inch pine tree; copper nail and washer, marked "142.8." MSL. (USGS 198)	142.87
<u>HILO SCHOOL.</u> 0.7 mi NE of; along Hwy 15, 15 ft SE of center of hwy, on SW end of SE headwall of concrete culvert over drain; chiseled square, marked "144.6." MSL. (USGS 198)	144.68
<u>HILO SCHOOL.</u> 0.8 mi N of; along rd to Jersey, 100 ft E and 20 ft S from dim crossroads (rd N leads to farmhouse), in root N side of 10-inch gum tree; copper nail and washer, marked "153.1." MSL. (USGS 198)	153.11
<u>HILO SCHOOL.</u> 1.1 mi NE of; along Hwy 15, 15 ft SE of center of hwy at center of SE headwall of concrete culvert; chiseled square, marked "150.5." MSL. (USGS 198)	150.52
<u>HILO SCHOOL.</u> 1.4 mi N of; along rd to Jersey, 10	

<u>Name and description</u>	<u>Elev. ft.</u>
ft S and 20 ft E from T rd S, 120 ft E of bridge over creek, in root W side of 48-inch oak tree; copper nail and washer, marked "122.6." MSL. (USGS 198)	122.60
<u>HILO SCHOOL.</u> 1.5 mi NE of; along Hwy 15, 15 ft SE of center of hwy, at center of SE concrete headwall of culvert; chiseled square, marked "157.6." MSL. (USGS 215)	157.70
<u>HILO SCHOOL.</u> 1.7 mi N of; along rd to Jersey, 20 ft N and 60 ft W of private rd fork to N, in root S side of 16-inch oak tree; copper nail and washer marked "136.4." MSL, (USGS 198)	136.45
<u>HILO SCHOOL.</u> 2.2 mi N of; along rd to Jersey, 20 ft NE of wooden bridge, in root S side of 14-inch gum tree; copper nail and washer, marked "124.0." MSL. (USGS 198)	124.07
<u>HILO SCHOOL.</u> 2.2 mi NE of; along Hwy 15, 15 ft SE from center of hwy, at center on SE concrete headwall of culvert over drain; chiseled square, marked "164.2." MSL. (USGS 215)	164.29
<u>HILO SCHOOL.</u> 2.8 mi NE of; along Hwy 15, 15 ft SE from center of hwy, at center on SE concrete headwall of culvert over drain; chiseled square; marked "164.2." MSL. (USGS 215)	164.29
<u>HILO SCHOOL.</u> 2.8 mi NE of; along Hwy 15, 15 ft SE of center of hwy, at center of SE headwall of concrete culvert over drain; chiseled square, marked "166.1." MSL. (USGS 215)	166.19
<u>HILO SCHOOL.</u> 3.8 mi N of, along rd to Jersey, 75 ft N and 20 ft W from tram rd crossing, in root E side of 16-inch gum tree; copper nail and washer, marked "154.7." MSL. (USGS 198)	154.76
<u>INGALLS.</u> See Hilo School. (USGS 198)	
<u>INGALLS.</u> See Hilo Church. (USGS 215)	
<u>INGALLS.</u> Station. (CRI&P 245)	156.
<u>INGALLS.</u> At E end of CRI&P RR station, 68 ft S and 69 ft W from center of rd crossing, 14 ft S from cor fence post, in concrete post; standard tablet, stamped "TT 4 L S 1933." MSL (USGS 215)	157.987

<u>Name and description</u>	<u>Elev. ft.</u>
<u>Reference Mark.</u> 100 ft S and 120 ft W from rd crossing RR tracks at station, in root N side of 10-inch cedar; copper nail and washer. MSL. (USGS 215)	156.77
<u>INGALLS.</u> About 0.7 mi N of; 125 ft E and 15 ft N from T-rd E, in S root of 12-inch pine tree; copper nail and washer, marked "USBM 172.0." MSL. (USGS 215)	171.61
<u>INGALLS.</u> 1 mi SE of; along CRI&P RR, 60 ft S of center of track, about 500 ft SE of milepost 22, in root N side of 36-inch oak tree; copper nail and washer, marked "USBM 146.7." MSL. (USGS 215)	146.32
<u>INGALLS.</u> 1 mi W of; 20 ft N of center of rd, in root SE side of 10-inch white oak tree; copper nail and washer, marked "USBM 116.9." MSL. (USGS 215)	116.47
<u>INGALLS.</u> About 1.7 mi NE of; along Johnsville rd, 65 ft N and 10 ft E from crossroads, in root W side of 12-inch gum tree; copper nail and washer, marked "USBM 160.3." MSL. (USGS 215)	159.82
<u>INGALLS.</u> 2 mi W of; 11 ft SE from E end of bridge, in root N side of 12-inch gum tree; copper nail and washer, marked "USBM 102.9." MSL. (USGS 215)	102.45
<u>INGALLS.</u> About 2 mi SE of; 3 mi NW of Vick, along CRI&P RR, 70 ft W of telegraph pole 22/25, 75 ft S of RR crossing, in root N side of 24-inch oak tree; copper nail and washer, marked "USBM 146.7." MSL. (USGS 215)	146.28
<u>INGALLS.</u> 2.6 mi W from; along local rd, 3.5 mi W from Eagle Creek, 92 ft W from center of rd fork NW, 22 ft N from center of rd, in concrete post; standard tablet, stamped "TT 5 L S 1933." MSL. (USGS 215)	126.846
<u>Reference Mark.</u> 30 ft N of dim rd fork SW, in root E side of 35-inch oak tree; copper nail and washer, marked MSL. (USGS 215)	127.03
<u>INGALLS.</u> About 2.7 mi NE of; along Ingalls-Johnsville rd 110 ft E and 30 ft N from rd fork, in root S side of 18-inch gum tree; copper nail and washer, marked "USBM 173.5." MSL. (USGS 215)	173.05
<u>INGALLS.</u> 3 mi E of; on Ingalls-Johnsville rd, in	

<u>Name and description</u>	<u>Elev. ft.</u>
NW $\frac{1}{4}$ sec 26 T15S-R10W, 30 ft N and 45 ft E from T-rd NE, near SW cor of small corn field, in concrete post; standard tablet, stamped "TT 13 L S 1933." MSL. (USGS 215)	165.435
<u>Reference Mark.</u> 32 ft N and 45 ft E from T-rd N, in root S side of 20-inch oak tree; copper nail and washer. MSL. (USGS 215)	165.24
<u>INGALLS.</u> About 3.5 mi W of; 35 ft NE of dim crossroad, in root NE side of 12-inch oak tree; copper nail and washer, marked "USBM 159.7." MSL. (USGS 215)	159.27
<u>INGALLS.</u> About 3.8 mi NE of; along Ingalls-Johnsville rd, 30 ft N of center of rd, in root S side of 15-inch oak tree; copper nail and washer, marked "USBM 185.9." MSL. (USGS 215)	185.40
<u>INGALLS.</u> About 4 mi W of; 10 ft N of rd fork NW, in root NE side of 24-inch oak tree; copper nail and washer, marked "USBM 151.8." MSL. (USGS 215)	151.37
<u>INGALLS.</u> 4.4 mi W of; along local rd, 72 ft N and 17 ft W from T-rd E, into Thomas School (colored) yard, 22 ft E from center of rd, 10 ft S from gate, in concrete post; standard tablet, stamped "TT 6 L S 1933." MSL. (USGS 215)	147.034
<u>INGALLS.</u> About 4.5 mi NE of; 4.25 mi W of Johnsville, 10 ft S and 42 ft W of rd crossing old tramway, in root S side of 15-inch oak tree; copper nail and washer, marked "USBM 154.1." MSL. (USGS 215)	153.61
<u>INGALLS.</u> About 5 mi S, along Eagle Lake School rd, 105 ft S and 17 ft E from T-rd W, in root W side of 10-inch oak tree; copper nail and washer, marked "USBM 132.2." MSL. (USGS 215)	131.88
<u>INGALLS.</u> 5.32 mi E of; on rd leading to Johnsville, 1,000 ft W of farmhouse of Julius Ferrel, 33 ft N and 10 ft W from rd fork NE, 20 ft N of 12-inch white oak tree; (blazed and painted "USBM 189.7"), in concrete post, standard tablet, stamped "TT 14 L S 1933." MSL. (USGS 215)	189.252
<u>Reference Mark.</u> 12 ft N and 17 ft W from T-rd N, in root E side of 18-inch oak tree; copper nail and washer. MSL. (USGS 215)	189.06

<u>Name and description</u>	<u>Elev. ft.</u>
<u>INGALLS.</u> About 5.5 mi W of; 90 ft W of dim rd fork N, 135 ft NW of bridge, in root W side of 20-inch oak tree; copper nail and washer, marked "USBM 143.9." MSL. (USGS 215)	143.50
<u>INGALLS.</u> About 6.5 mi W of; 95 ft N of private rd S to house, in root E side of 18-inch pine tree; copper nail and washer, marked "USBM 156.0." MSL. (USGS 215)	156.61
<u>JERSEY.</u> 170 ft S of crossroads; 25 ft W from center of rd; in root E side of 30-inch oak tree; copper nail and washer, marked "160.1." MSL. (USGS 198)	160.10
<u>JERSEY.</u> 0.5 mi W of; along rd to Harrell; 1.1 mi E of steel bridge over Moro Creek; 130 ft E of small drain; 15 ft N of rd; at dim trail N; in root S side of 15-inch oak tree; copper nail and washer, marked "112.0." MSL. (USGS 198)	112.05
<u>JERSEY.</u> 0.6 mi E of; 37 ft S; 19 ft W from center of crossroads (N-S rd is on line between secs 11 & 12, T15S-R12W) 2 ft W of fence line, in concrete post, standard tablet, stamped "TT 23 T 1933 171" marked "170.9." MSL. (USGS 198)	170.935
<u>Reference Mark.</u> 25 ft S and 20 ft W from center of crossroads, in root E side of 18-inch oak tree; copper nail. MSL. (USGS 198)	170.96
<u>JERSEY.</u> 0.9 mi W of; along rd to Harrell; 0.7 mi E of steel bridge over Moro Creek; 100 ft E of small wooden bridge; 25 ft N from center of rd in root NW side of twin gum tree; copper nail and washer, marked "104.1." MSL. (USGS 198)	104.13
<u>JERSEY.</u> 0.6 mi E; thence 0.5 mi S from; along rd to Jersey; 20 ft E from center of rd; at small drain, in root NW side of 10-inch oak tree; copper nail and washer, marked "162.3." MSL. (USGS 198)	162.28
<u>JERSEY.</u> 0.6 mi E; thence 1.1 mi S from; along rd to; 4.2 mi N of Hilo School; 25 ft E from center of rd in root W side of 18-inch gum tree; copper nail and washer, marked "152.9." MSL. (USGS 198)	152.91
<u>JERSEY.</u> T15S-R12W, in NE $\frac{1}{4}$ sec 9; 1.7 mi W of;	

<u>Name and description</u>	<u>Elev. ft.</u>
by rd; 100 ft W and 20 ft S from center of steel truss bridge over Mero Creek (this creek on line between Bradley and Calhoun Cos); 6 ft S and 10 ft W from 36-inch sweet gum tree; in concrete post; standard tablet, stamped "TT 22 T 1933; 105," marked "104.9." MSL. (USGS 198)	104.890
<u>Reference Mark.</u> At SW cor of above bridge, on S end of concrete abutment; chiseled square. MSL. (USGS 198)	108.95
<u>JERSEY.</u> 2.4 mi W of; along rd to; 0.7 mi NW of bridge over Mero Creek; 25 ft W from center of rd; in root E side of 12-inch pine tree; copper nail and washer, marked "118.8." MSL. (USGS 198)	118.78
<u>JERSEY.</u> T15S-R12W, near $\frac{1}{4}$ cor secs 24 and 25; 0.6 mi E and 2.6 mi S from; by rd; 2.6 mi NW of Hilo School; 36 ft W (N?) of center of rd; 70 ft S and 15 ft W from SW cor of house owned by W. C. Reynolds, in concrete post; standard tablet, stamped "TT 24 T 1933 147" and marked "146.4." MSL. (USGS 198)	146.434
<u>Reference Mark.</u> In front of above house; 20 ft W from center of rd; in root E side of 18-inch oak tree; copper nail and washer. MSL. (USGS 198)	144.70
<u>JOHNSVILLE.</u> 295 ft SW of P O; on top of bank; 125 ft SW of junction of Ingalls-Vick-Palestine Church rds; in concrete post; standard tablet, stamped "TT 15 L S 1933." MSL. (USGS 215)	203.585
<u>Reference Mark.</u> 40 ft S and 115 ft W from crossroads; in root NW side of 20-inch oak tree; copper nail and washer. MSL. (USGS 215)	203.12
<u>JOHNSVILLE.</u> About 0.75 mi W of; along Ingalls-Johnsville rd; 90 ft N of center of rd; in front of farmhouse; in root S side of 24-inch pine tree; copper nail and washer, marked "USBM 189.3." MSL. (USGS 215)	188.80
<u>JOHNSVILLE.</u> 0.75 mi S of; along Johnsville-Broad rd; 15 ft S and 50 ft E from dim rd fork E, in root S side of 12-inch pine tree; copper nail and washer, marked "USBM 180.3." MSL. (USGS 215)	179.76

<u>Name and description</u>	<u>Elev. ft.</u>
<u>JOHNSVILLE.</u> About 1.75 mi S of; along Johnsville-Broad rd; 10 ft E of Palestine Church (colored); 65 ft W of rd; in root E side of 24-inch oak tree; copper nail and washer, marked "USBM 186.7" MSL. (USGS 215)	186.16
<u>JOHNSVILLE.</u> 2.4 mi W of; along Ingalls-Johnsville rd; 15 ft NW of NW cor of bridge over Eagle Creek, in root S side of 18-inch white oak tree; copper nail and washer, marked "USBM 139.5." MSL. (USGS 215)	139.01
<u>JOHNSVILLE.</u> 2.5 mi S of; on rd to Broad Spur; 400 ft NW of Newton School (colored); 24 ft S and 21 ft W of rd fork SW, in concrete post; standard tablet, stamped "TT 16 L S 1933." MSL. (USGS 215)	180.376
<u>Reference Mark.</u> 100 ft S and 12 ft E from rd fork W; in root W side of 12-inch pine tree; copper nail and washer. MSL. (USGS 215)	182.64
<u>JOHNSVILLE.</u> About 3.25 mi W of along Ingalls-Johnsville rd; 35 ft S and 45 ft E from T rd S; in root E side of 18-inch pine tree; copper nail and washer, marked "USBM 188.1." MSL. (USGS 215)	187.63
<u>JOHNSVILLE.</u> 4 mi S of; along Johnsville-Broad rd; 15 ft W of rd opposite farmhouse; in W root of 36-inch oak tree; copper nail and washer, marked "USBM 154.1." MSL. (USGS 215)	155.43
<u>JOHNSVILLE.</u> 4.5 mi S of SW cor of T-rd W to Broad and S to Moors Mill; 35 ft S and 40 ft W of rd intersection, in concrete post; standard tablet, stamped "TT 17 L S 1933." MSL. (USGS 215)	94.666
<u>Reference Mark.</u> 10 ft E of rd fork SW; in root W side of 40-inch oak tree; copper nail and washer. MSL. (USGS 215)	94.12
<u>LACY.</u> Est. (AGS 300)	240.
<u>LACY HILL.</u> Station. (W&OV 251)	335.
<u>LANARK.</u> 3.3 mi S of Banks, 42 ft E and 97 ft S from crossroads, 20 ft S of line with rd W, in concrete post; standard tablet, stamped "TT 17 B 1933 221" and marked "221.2." MSL. (USGS 187)	221.052

<u>Name and description</u>	<u>Elev. ft.</u>
<u>Reference Mark.</u> 140 ft E and 20 ft S from crossroads, in root NW side of 26-inch oak tree; copper nail and washer. MSL. (USGS 187)	220.06
<u>LANARK.</u> 0.5 mi W of; 80 ft SW of farmhouse, 20 ft N of rd, in root S side of 40-inch gum tree; copper nail and washer, marked "218.1." MSL. (USGS 187)	217.93
<u>LANARK.</u> 0.7 mi E of; 50 ft N and 15 ft W from T-rd, N, 50 ft SE of farmhouse, in root SW side of 15-inch oak tree; copper nail and washer, marked "220.0." MSL. (USGS 187)	219.84
<u>LANARK.</u> 0.9 mi W of; 220 ft E and 20 ft S from T rd N, in root N side of 18-inch gum tree; copper nail and washer, marked "220.9." MSL. (USGS 187)	220.76
<u>LANARK.</u> 1.2 mi SE of; near summit of hill, 30 ft S of rd, 100 ft W of fence cor, at small group of houses, in root S side of 8-inch oak tree; copper nail and washer, marked "244.1." MSL. (USGS 207)	244.01
<u>LANARK.</u> 1.5 mi W of; 100 ft W and 15 ft S from center of rd fork SW, in root N side of 24-inch oak tree; copper nail and washer, marked "179.8." MSL. (USGS 187)	179.64
<u>LANARK.</u> 1.8 mi SE of; 120 ft W and 30 ft S from center of T-rd E, in root E side of 20-inch gum tree; copper nail and washer, marked "225.2." MSL. (USGS 207)	225.08
<u>LANARK.</u> 2 mi W of; 130 ft E of old tram rd, 20 ft S from center of rd, in root NW side of 14-inch gum tree; copper nail and washer, marked "145.4." MSL. (USGS 187)	145.30
<u>LANARK.</u> 2.5 mi SE of; 60 ft S and 80 ft E from rd fork E, in root SW side of 30-inch gum tree; copper nail and washer, marked "200.0." MSL. (USGS 207)	199.90
<u>LANARK.</u> 3 mi SE of; 50 ft E of small wooden bridge over drain, in root NW side of 12-inch gum tree; copper nail and washer, marked "190.1." MSL. (USGS 215)	189.92
<u>LANARK.</u> 4.2 mi SE of; about 800 ft NE of	

<u>Name and description</u>	<u>Elev. ft.</u>
Spring Hill School, 30 ft E from center of rd, in front of house of J. E. Sled, in root W side of 10-inch oak tree; copper nail and washer, marked "183.6." MSL. (USGS 215)	183.48
<u>LANARK.</u> 2.8 mi W of; 3.3 mi S and 2.8 mi W from Banks (by rd), 0.8 mi W of crossing of old RR grade, 16 ft N of Summerville-Lanark rd, at junction of trail N, 10 ft W of triangle blazed on 10-inch pine tree, in concrete post; standard tablet, stamped "TT 16 B 1933 128" and marked "128.2." MSL. (USGS 187)	128.112
<u>Reference Mark.</u> 90 ft SE of tablet, in root N side of 10-inch oak tree; copper nail and washer. MSL. (USGS 187)	127.96
<u>LANARK.</u> T14S-R11W, 100 ft S and 5 ft W from $\frac{1}{4}$ cor secs 15 and 16, 3.7 mi SE of Lanark 3.2 mi S thence 3.7 mi SE from Banks, 35 ft SW of SW cor of farmhouse of John C. Lee, 64 ft E of center of rd, in concrete post; standard tablet, stamped "TT 18 B 1933 201." MSL. (USGS 215)	200.755
<u>Reference Mark.</u> 40 ft W of tablet, in root E side of 12-inch oak tree; copper nail and washer. MSL. (USGS 215)	201.83
<u>McKINNEY.</u> Est. (AGS 300)	250.
<u>MORO BAY.</u> Village of; about 1,300 ft S of P O, 130 ft W of T-rd NW, 10 ft S and 3 ft W from cor fence post, in concrete post; standard tablet, stamped "TT 14 E 1932." MSL. (USGS 198)	94.206
<u>Reference Mark.</u> 105 ft N of tablet, in root W side of 24-inch oak tree; copper nail and washer. MSL. (USGS 198)	93.96
<u>MORO BAY.</u> 1 mi NE of; along St Hwy 15, 95 ft W of center of Hwy, at rd fork NW, in root E side of 14-inch pine tree; copper nail and washer, marked "USBM 98.3." MSL. (USGS 198)	97.93
<u>MORO BAY.</u> 1 mi W of; on Moro Bay-Hampton rd, 6 ft N from center of rd, in root S side of 20-inch triangular blazed oak tree; copper nail and washer, marked "80.7." MSL. (USGS 198)	80.37
<u>MORO BAY.</u> 1.9 mi W of; on Moro Bay-Hampton rd, 80 ft SW of wooden bridge over drain, 10 ft S from center of rd, in root S side of 20-inch	

<u>Name and description</u>	<u>Elev. ft.</u>
triangular blazed oak tree; copper nail and washer, marked "67.1." MSL. (USGS 198)	66.80
<u>MORO BAY.</u> 2 mi NE of; along St Hwy 15, junction of old and new rds, in W headwall of concrete culvert; top of steel bolthead, marked "USBM 99.1." MSL. (USGS 198)	98.67
<u>MORO BAY.</u> 2.75 mi NE along St Hwy 15, thence 1 mi E of; 25 ft S of center of rd at gate to field in root N side of 36-inch oak tree; copper nail and washer, marked "USBM 104.1." MSL. (USGS 198)	103.67
<u>MORO BAY.</u> 2.8 mi W of; on Moro Bay-Hampton rd, 20 ft S and 10 ft W from center of dim rd fork S, in root N side of 15-inch oak tree; copper nail and washer, marked "95.9." MSL. (USGS 198)	95.56
<u>MORO BAY.</u> T16S-R13W, in SE $\frac{1}{4}$ of sec 14, 13.7 mi S of Harrell, 3.9 mi W of Moro Bay, 30 ft N and 26 ft W from center of crossroads, 13 ft S and 11 ft E from triangle blazed on 18-inch oak tree; in concrete post; standard tablet, stamped "TT 15 T 1933 101." MSL. (USGS 198)	101.280
<u>MORO BAY.</u> 3.9 mi W of; on Moro Bay-Hampton rd, 5.1 mi S of New Hope Church, 30 ft W and 10 ft S from center of crossroads, in root N side of 24-inch sweet gum tree; copper nail and washer, marked "101.4." MSL. (USGS 198)	101.42
<u>MORO BAY.</u> 4.3 mi W of; along Hampton rd, 4.6 mi E of Ebenezer Church, 200 ft NW of rd fork, 15 ft SW from center of rd, in root NE side of 15-inch pine tree; copper nail and washer, marked "91.7." MSL. (USGS 198)	91.35
<u>MORO BAY.</u> 2.75 mi NE along St Hwy 15, thence 2 mi E of; 12 ft S from c/l of rd, in root N side of 12-inch oak tree; copper nail and washer, marked "USBM 94.5." MSL. (USGS 198)	94.13
<u>MORO BAY.</u> 5.1 mi W of; along Moro Bay-Hampton rd, 300 ft W of small wooden bridge, 12 ft N from center of rd, in root S side of 15-inch sweet gum tree; copper nail and washer, marked "90.0." MSL. (USGS 198)	89.74
<u>MORO BAY.</u> 5.5 mi W of; along Hampton rd, 80 ft	

<u>Name and description</u>	<u>Elev. ft.</u>
E of M. M. Hagler's house, 15 ft E of rd, in root SW side of 16-inch oak tree; copper nail and washer, marked "96.6." MSL. (USGS 198)	96.31
<u>MORO BAY.</u> 2.75 mi NE along St Hwy 15, thence 3 mi E from; 50 ft E of E end of bridge over Chivalry Creek, in root S side of 30-inch oak tree; copper nail and washer, marked "USBM 92.5." MSL. (USGS 215)	92.14
<u>MORO BAY.</u> 6.4 mi W of; along Hampton rd, 75 ft S of house of Tom Haynes, 50 ft NE of rd, in root S side of 24-inch oak tree; copper nail and washer. MSL. (USGS 198)	100.92
<u>MORO BAY.</u> About 7.5 mi NE of; along St Hwy 15, 30 ft NW of dim rd forks, in NW heading of concrete culvert; top of iron bolthead, marked "USBM 166.4." MSL. (USGS 215)	166.03
<u>MORO BAY.</u> About 8 mi NE of; along St Hwy 15, on SW cor of wooden bridge over Beech Creek; copper nail and washer, marked "USBM 134.6." MSL. (USGS 215)	134.20
<u>MORO BAY.</u> About 9 mi NE of; along St Hwy 15, 35 ft N and 100 ft E from rd fork N, in root SE side 30-inch oak tree; copper nail and washer, marked "USBM 172.5." MSL. (USGS 215)	172.13
<u>SALINE.</u> Station. (MP 243)	122.5
<u>SANTUCK.</u> Est. (AGS 300)	175.
<u>SPRING HILL SCHOOL.</u> 0.4 mi E of; 4.6 mi SE of Lanark, 50 ft S and 50 ft E from rd forks, in root NW side of 26-inch pine tree; copper nail and washer, marked "211.1." MSL. (USGS 215)	211.02
<u>SUMPTER.</u> Est. (AGS 300)	125.
<u>VICK.</u> See Antioch Church. (USGS 215)	
<u>VICK.</u> See Eagle Lake School. (USGS 215)	
<u>VICK.</u> See Wilcox Switch. (USGS 215)	
<u>VICK.</u> Station. (CRI&P 245)	140.
<u>VICK.</u> 120 ft W and 25 ft S from NW cor of RR station, 37 ft W and 83 ft S from center of rd crossing, 5 ft W and 39 ft S from center of T-	

<u>Name and description</u>	<u>Elev. ft.</u>
rd E, in concrete post; standard tablet, stamped "TT 2 L S 1933." MSL. (USGS 215)	143.655
<u>Reference Mark.</u> 90 ft S of SW cor of RR station, in root N side of 30-inch oak tree; copper nail and washer. MSL. (USGS 215)	144.03
<u>VICK.</u> About 1 mi SE of; about 1.8 mi NW of Broad, along CRI&P RR, 90 ft N of milepost 27, 65 ft S of tracks, in root NW side of 15-inch oak tree; copper nail and washer, marked "USBM 133.4." MSL. (USGS 215)	133.08
<u>VICK.</u> About 1 mi NW of; along CRI&P RR, 20 ft SW of rd crossing, in E end of wooden culvert; copper nail and washer, marked "USBM 138.7." MSL. (USGS 215)	138.32
<u>VICK.</u> 1 mi W of; along Ingalls rd, 15 ft S of center of rd, in root N side of 12-inch oak tree; copper nail and washer, marked "USBM 142.5." MSL. (USGS 215)	142.22
<u>VICK.</u> 1.6 mi NW of; along CRI&P RR, about 3.5 mi SE of Ingalls, in NW cor of wooden trestle 243; copper nail and washer, marked "USBM 122.6." MSL. (USGS 215)	122.22
<u>VICK.</u> 2 mi W of; 40 ft N of center of rd, 75 ft SE of farmhouse, in root S side of 15-inch white oak tree; copper nail and washer, marked "USBM 127.9." MSL. (USGS 215)	127.52
<u>VICK.</u> 2.1 mi N of; along CRI&P RR, 2.8 mi S of Ingalls along same route, 63 ft W and 25 ft S from center of rd crossing, 10 ft N from NE cor of cottonhouse, in concrete post; standard tablet, stamped "TT L S 1933." (From TT cd). MSL. (USGS 215)	132.918
<u>Reference Mark.</u> 50 ft S and 45 ft E from rd crossing RR tracks, in root W side of 15-inch pine tree; copper nail and washer. MSL. (USGS 215)	134.22
<u>VICK.</u> 2.45 mi W of; 4 mi S of Ingalls, in SE $\frac{1}{4}$ sec 9 T16S-R10W, 400 ft N and W from farmhouse of R. A. Lawton, 150 ft E of junction of Vick-Ingalls-Eagle Lake School rds, 24 ft S of center of rd, on W side of private rd near fence cor, in concrete post; standard tablet, stamped "TT 10 L S 1933." MSL. (USGS 215)	111.522

<u>Name and description</u>	<u>Elev. ft.</u>
<u>VICK.</u> 2.5 mi W of; at SW angle of rd forks, in top of headwall of concrete culvert; chiseled square. MSL. (USGS 215)	111.71
<u>VICK.</u> 5 mi SW of (by rd), 3 mi N of Eagle Lake School, approximately center of sec 28 T16S-R10W, 15 ft N and 27 ft E from center of crossroads, in concrete post; standard tablet, stamped "TT 11 L S 1933." MSL. (USGS 215)	115.073
<u>Reference Mark.</u> 48 ft S and 40 ft E from crossroads, in root NW side of 30-inch oak tree; copper nail and washer. MSL. (USGS 215)	113.63
<u>VICK.</u> T16S-R11W, 25 ft N and 15 ft W from center of crossroads at $\frac{1}{4}$ cor secs 9 and 16, 7.8 mi NE of Moro Bay, 100 ft SW of J. J. Cunningham's farmhouse, near fence cor, in concrete post; standard tablet, stamped "TT 8 L S 1933." MSL. (USGS 215)	140.606
<u>Reference Mark.</u> 30 ft S and 27 ft W from crossroads, in root N side of 15-inch oak tree; copper nail and washer. MSL. (USGS 215)	139.88
<u>WARREN.</u> Station. (W&OV 251)	304.
<u>WARREN.</u> Station. (MP 243)	205.6
<u>WILCOX SWITCH.</u> At 2.25 mi NW of Stillions along CRI&P Ry, 85 ft W of second-class rd crossing, 30 ft S of telegraph pole 29/25, in root N side of 19-inch oak tree; copper nail and washer, marked "USBM 89.7." MSL. (USGS 215)	89.41

CROSS INDEX TO LEVEL LINES IN
CHICOT COUNTY

Line No. 4

Hudspeth

Line No. 97

Ark-La State Line
Cracraft Landing
Eudora
Grand Lake
Lake Chicot
Lakeport
Mosswood Landing
Seven Oaks Landing
Sunnyside
Vancluse Revetment, Lower end
Vancluse Revetment, Upper end
Walker Bend

Line No. 167

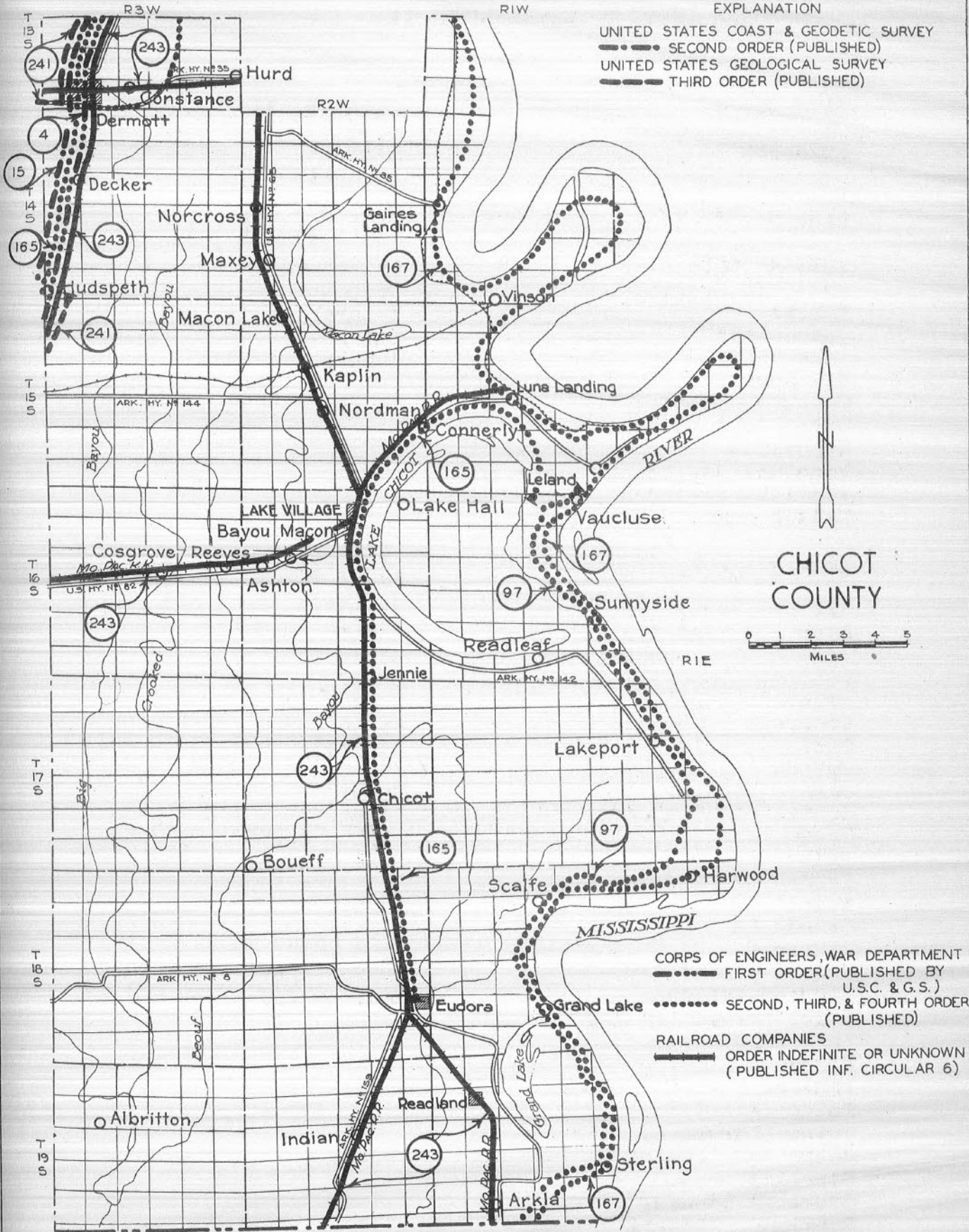
Archer Plantation
Bachelor Bend Towhead
Brooks Mill Landing
Columbia Landing
Cracraft Landing
Cracraft Towhead
Eunice Landing
Gaines
Gaines Landing
Georgetown Towhead
Grand Lake
Island 80
Island 81
Island 82
Island 86
Lakeport
Leland Plantation
Linwood Landing
Lower Leland Landing
Luna Landing
Mosswood Landing
Panther Forest Landing
Point Chicot
Point Comfort Landing
Seven Oak Landing
Sterling
Sterling Landing
Sunflower Landing
Sunnyside Landing
Vancluse Landing

Line No. 15Dermott
HudspethLine No. 165

Chicot
Dermott
Eudora
Hudspeth
Jennie
Lake Village
Vancluse Landing

Line No. 243

Arkla
Ashton
Bayou Macon
Brooks
Chicot
Cline Spur
Connerly
Eudora
Hurds
Jennie
Kaplin Spur
Lake Village
Le Blanc Spur
Luna
Macon Lake
Readland
Reeves Spur
Renfrow Spur



EXPLANATION

- UNITED STATES COAST & GEODETIC SURVEY
- SECOND ORDER (PUBLISHED)
- UNITED STATES GEOLOGICAL SURVEY
- THIRD ORDER (PUBLISHED)

CHICOT COUNTY



- CORPS OF ENGINEERS, WAR DEPARTMENT
- FIRST ORDER (PUBLISHED BY U.S.C. & G.S.)
- SECOND, THIRD, & FOURTH ORDER (PUBLISHED)
- RAILROAD COMPANIES
- ORDER INDEFINITE OR UNKNOWN (PUBLISHED INF. CIRCULAR 6)

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<u>ANCONA.</u> Est. (MRC 131)	125.
<u>ARCHER PLANTATION.</u> Lat 33° 24' +253 meters; long 91° 05' +1085 meters. BM is stone post on rt bank of Mississippi River in Chicot Co, on woods on Archer Plantation about 1.5 mi below point opposite Greenville, Miss; about 620 meters back of river bank, 195 meters back of chute of Bachelor Bend Towhead at point about 1,000 meters above mouth. Top of stone was about 7 inches above ground. Blazed trees; 18-inch cottonwood SW-13 meters, 10-inch cottonwood NW-11 meters, 18-inch cottonwood E-7 meters approximate azimuth and distance to BM $\frac{75}{4}$ 128° -528 meters. This BM was not connected with in 1907-08. BM $\frac{75}{3}$. MGL. (MRC 167)	126.74
<u>ARKANSAS-LOUISIANA STATE LINE.</u> BM is pipe stone bench with brass cap, located on rt bank of Mississippi River; 15 ft S of c/l of lane between two hedge rows, approximately 100 ft W of S end of drainage ditch, and 540 ft W of levee at L S No. O. PBM O-A. MGL. (USE 97)	Cap 110.338 Bolt 106.852
<u>ARKANSAS-LOUISIANA STATE LINE.</u> 0.5 mi N of; BM is pipe stone bench with brass cap, located on rt bank of Mississippi River; 0.5 mi N of; in field 650 ft W of levee at L S 3950, about 150 ft W of drainage ditch and 15 ft N of c/l of dirt rd that runs from levee to hwy. BM 3950-A. MGL. (USE 97)	Cap 111.080 Bolt 107.090
<u>ARKANSAS-LOUISIANA STATE LINE.</u> 1.5 mi N of; BM is pipe stone bench with brass cap, located on rt bank of Mississippi River, 630 ft N of levee at L S 3900, about 50 ft S of negro cabin, which sets in bend of bayou, about 1,500 ft S of school, which sets on W side of hwy. PBM 3900-A. MGL. (USE 97)	Cap 114.305 Bolt 110.350
<u>ARKLA.</u> See Arkansas-Louisiana State Line. (USE 97)	
<u>ARKLA.</u> Station. (MP 243)	111.
<u>ASHTON.</u> Station. (MP 243)	120.
<u>ASHTON.</u> Village. Est. (MRC 131)	121.

<u>Name and description</u>	<u>Elev. ft.</u>
<u>BACHELOR BEND TOWHEAD.</u> On rt bank of Mississippi River, on neck of land forming Point Chicot; about 900 meters SE of river bank at point about 1 mi above, or SW of Point Chicot Landing; about 700 meters W of W bank of chute of Bachelor Bend Towhead, at point 1.25 mi below Greenville, Miss; on E or back side of old cotton field now grown up with weeds; about 60 meters W of edge of timber; on W side of N and S rd running from Point Chicot Landing toward Leland; about 770 meters 293° from old cotton gin now used as cow stable; about 100 meters 18° from cabin standing on E side of rd. Top of stone 10 inches above ground. BM 75/4. MGL. (MRC 167)	131.96
<u>BACHELOR BEND TOWHEAD.</u> On rt bank of Mississippi River in woods, about 1.5 mi below point opposite Greenville, Miss, on E bank of chute behind Bachelor Bend Towhead, opposite Greenville, 170 meters W from river bank at point about 730 meters above mouth of chute. Cap on pipe. BM 75/c. MGL. (MRC 167)	125.54
<u>BACHELOR BEND TOWHEAD.</u> On rt bank of Mississippi River in woods on Archer Plantation about 1.5 mi below point opposite Greenville, Miss, about 620 meters back of river bank and 195 meters back of chute of Bachelor Bend Towhead at point about 1,000 meters above mouth. Top of stone 7 inches above ground. BM 75/3. MGL. (MRC 167)	126.74
<u>BAYOU MACON.</u> Station. (MP 243)	119.
<u>BOUEFF.</u> Village. Est. (MRC 114)	110.
<u>BROOKS.</u> Station. (MP 243)	119.
<u>BROOKS MILL LANDING.</u> Cap on pipe on rt bank of Mississippi River, near junction of lower part of old Island 86 and Island 87, about 0.5 mi above old location of Harwood Landing; about 1.25 mi above Brooks Mill Landing directly across from lower part of Lake Washington Island or Fanny Bullitt Towhead, on old bank behind large bar and slough about 65 meters back of river bank and rd running to Harwood Plantation just above upper edge of clearing, in abandoned field, 12 meters above small depression running back from river about 0.5 mi in front of levee. BM Harwood. MGL. (MRC 167)	121.37
<u>BROOKS MILL LANDING.</u> On rt bank of Mississippi	

<u>Name and description</u>	<u>Elev. ft.</u>
River, about 0.5 mi below Brooks Mill Landing and 1.75 mi above Mosswood Landing, about 550 meters back of old main river bank which is back of wide willow bar, 120 meters back of main levee, 65 meters above lower of two abrupt angles in levee, in yard in front of cabin; $\frac{1}{2}$ meter back of front fence and 4 meters above lower side of yard; 225 meters NW of where old and new levees from an X. Cap on pipe. BM Gage 92. MGL. (MRC 167)	118.00
<u>CARRIOLA.</u> Est. (AGS 300)	120.
<u>CHICOT.</u> Station. (MP 243)	126.5
<u>CHICOT.</u> 520 ft W of RR station at; in NE cor of front yard of Parton residence 15 ft E and 1.8 ft S of fence cor, 32.4 ft of 16-inch oak tree. Pipe flange bench with brass cap 10-inches above ground. (BM Parton) MSL. (USE 165)	125.11
<u>CLINE.</u> Station. (MP 243)	118.
<u>COLUMBIA LANDING.</u> On rt bank of Mississippi River in lower part in Spanish Moss Bend, about 2 mi below Luna landing about 1-1/8 mi above upper Leland Landing and head of revetment, back of old Columbia Landing; on Leland Plantation about 630 meters back of river bank, about 1.25 mi W of Leland Gin, back of first angle in levee below an old detached levee running at rt angles to river in NE cor of yard just back of rd. 230° -9 meters from NE cor of house. Cap on pipe. (BM Columbia) MGL. (MRC 167)	128.89
<u>CONNERLY.</u> Station. (MP 243)	124.
<u>COSGROVE.</u> Station. (MP 243)	117.
<u>CRACRAFT.</u> Est. (AGS 300)	189.
<u>CRACRAFT LANDING.</u> 0.25 mi below; PBM in a pine stone bench with brass cap, located on rt bank of Mississippi River, 3.5 mi below gravel rd that crosses levee at upper end of Grand Lake, approximately 4,000 ft N of old church, 110 ft E of barbed wire fence, about 1,600 ft S of farmhouse, about 1,500 ft SW of negro cabin, 975 ft SW of levee at L S 3700, on E bank of old slough bed. PBM 3700-A. MSL. (USE 97)	115.270
<u>CRACRAFT LANDING.</u> Lat 33° 4' †669.6 meters. Long 91° 09' †1270.8 meters. BM is tile and	

<u>Name and description</u>	<u>Elev. ft.</u>
pipe on rt bank of Mississippi River in; about 2.5 mi below Grand Lake, Arkansas, 0.75 mi above; about 0.5 mi above head of Cracraft Towhead, 160 meters from river bank on top of old levee, about 130 meters below angle, 185 meters below junction of this levee with older levee, 65 meters above where rd crosses levee; abandoned fields surround place with fringes of timber on each side of levee. Blazed trees; 12-inch sycamore 40° -18.3 meters, 16-inch cottonwood 55° -17.7 meters. 10-inch cottonwood 85° -16.2 meters. 6-inch cottonwood 245° -22 meters. BM 82 MGL. (MRC 167)	125.57
<u>CRACRAFT TOWHEAD.</u> Lat 33° 03' †56.4 meters. Long 91° 10' †130.8 meters. BM is tile and pipe on rt bank of Mississippi River in Chicot Co Arkansas, opposite center of Cracraft Towhead, 1 mi below Cracraft Landing and 1,300 meters below prominent angle in levee nearly back of Cracraft Landing, about 600 meters below Hunting Lodge Landing. 53.4 meters back of center of levee, about 640 meters back of River Bank 0.85 meters NW of NW cor of St Luke Baptist Church 1.9 meters SE of well and 11.8 meters W of brick and cement cor stone. BM St Luke. MSE. (MRC 167)	119.57
<u>DECKER.</u> Est. (AGS 300)	135.
<u>DERMOTT.</u> Top of rail at crossing of branch lines of MP RR. MSL. (USC&GS 15)	142.7
<u>DERMOTT.</u> In E wall of MP RR station at; 1 foot N of door to colored waiting room, 5 ft above platform. Standard disk, stamped "G 13 1932" and set vertically. MSL. (USC&GS 15)	148.382
<u>DERMOTT.</u> In N face of Exchange Bank and Trust Building at; in brick pilaster; 8-inches E of NW cor, and 5' ft above sidewalk; Standard disk, stamped "H 13 1932" and set vertically. MSL. (USC&GS 15)	146.381
<u>DERMOTT.</u> In front of E wall of City Hall at; 5 ft N of N side of entrance; 5 ft above ground. Standard disk, stamped "J 13 1932" and set vertically. MSL. (USC&GS 15)	144.681
<u>DERMOTT.</u> About 0.7 mi N along MP RR from station at; and in top of concrete milepost 415. Copper bolt. MSL. (USC&GS 15)	140.236

<u>Name and description</u>	<u>Elev. ft.</u>
<u>DERMOTT.</u> About 1.5 mi E of; on S side of Hwy 35; at W end of steel bridge across Big Bayou; 13 ft S of S end of W pier. Pipe flange bench with brass cap 1.7 ft above ground. (BM Dermott) MGL. (USE 165)	132.16
<u>DERMOTT.</u> About 3 mi S of; on RR right of way E of tracks; 600 ft S of crossing at Enterprise plantation; 6.5 ft E of first telegraph pole S of pole 418/20, inside of right of way fence and 44.3 ft E of c/l of track (BM Mobley) MGL. (USE 165)	136.70
<u>DERMOTT.</u> About 3 mi S of; S of RR crossing at Enterprise plantation, between RR and Hwy 165; 32 ft S of c/l of E and W rd; 32.3 ft W of c/l of MP RR; 5.7 ft S and 17.7 ft E of NW cor of RR right of way fence. Pipe flange bench with brass cap 3-inches above ground. (BM Grimes) MGL. (USE 165)	135.86
<u>DERMOTT.</u> About 3.3 mi N along MP RR from; in Desha Co; 21 ft S of pole 412-11; about 50 yards N of switch point; 35 ft E of c/l of track, and 43 ft W of c/l of US Hwy 165. Standard disk, stamped "Q 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	138.100
<u>DERMOTT.</u> About 3.4 mi S along MP RR from station at; 0.75 mi S of Enterprise Plantation barns; 61 ft N of pole 419-3, on N edge of slight rise; 45 ft W of c/l of track. Standard disk, stamped "F 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	138.559
<u>DERMOTT.</u> About 4 1/3 mi S along MP RR from station at; in top of concrete milepost. Copper bolt. MSL. (USC&GS 15)	139.560
<u>DEWEY.</u> Village. Est. (MRC 153)	126.
<u>EMPIRE.</u> Village. Est. (MRC 114)	109.
<u>EPSTEIN.</u> Est. (MP 243)	123.
<u>EUDORA.</u> Station. (MP 243)	129.2
<u>EUDORA.</u> 0.5 mi N of station. Pipe flange bench with brass cap 6-inches above ground, 137 ft W of c/l of MP RR at SE cor of brick house, owned and occupied by H. F. Scott, 8.9 ft SE of SE cor of house. (BM Beatie). MGL. (USE 165)	134.75

<u>Name and description.</u>	<u>Elev. ft.</u>
<u>EUDORA.</u> Approximately 0.75 mi N of station. Pipe flange bench with brass cap, 4-inches above ground in N edge of; approximately 0.75 mi N of station; 35.0 ft W of c/l of Hwy 65 opposite center of compress, in NE cor of front yard of house owned by Ray Dukes, 48.5 ft NE of NE cor of house, 6.3 ft S of 2-inch sycamore. (BM Margie) MGL. (USE 165)	136.91
<u>EUDORA.</u> 2 mi N of; 6-inch by 6-inch concrete mile-post 2.4 ft above ground, 10.3 ft W of c/l of RR tracks, 50 ft SE of telegraph pole marked 445; in RR cut. (BM MP 445) MGL. (USE 165)	145.24
<u>EUDORA.</u> About 10.5 mi NE of; BM 47 M is a brass cap set in a concrete slab, located on rt bank of Mississippi River to reach BM from Eudora, follow US Hwy 65 for 3.7 mi to a Lake and gravel rd 0.8 mi to a dirt rd just beyond a bridge at a lone tree; turn lt to levee and follow levee rd to Sally Jenkin's house and BM. The Jenkins house is old and dilapidated and stands about 7 ft above the ground. A chimney has been torn away at S end. MGL. (USE 97)	113.030
<u>EUDORA.</u> See Empire. (MRC 114)	
<u>EUNICE LANDING.</u> 0.25 mi above; cap on pipe on rt bank of Mississippi River, 4 mi below Arkansas City, in woods about 930 meters back of river bank, 90 meters back of levee at point about 150 meters below levee; pipe set at lower end of slight bend in levee. (BM 64/d) MGL. (MRC 167)	135.66
<u>GAINES.</u> Lat $33^{\circ} 28'$ ± 201.1 meters, long $91^{\circ} 14'$ ± 1039.7 meters. BM is tile and pipe on rt bank of Mississippi River, opposite western part of Ashbrook Point back or NW of Gaines Landing, about 300 meters back of river bank, 60 meters back of base of old levee at point 230 meters below upper end where it has been cut about 160 meters in front of center of new levee at point about $3/8$ mi from Gaines, and Dewey, 210 meters above point where wagon rd crosses old levee going from Gaines Landing to back country, at side of fence between cotton field and old graveyard. Blazed trees; 30-inch gum $195^{\circ} \pm 14.3$ meters, 24-inch gum $220^{\circ} \pm 15.4$ meters, 30-inch gum $345^{\circ} \pm 7$ meters. It is used as BM for HW Gage 103 and is about 200 meters above gage. BM Gaines. MGL.	
(MRC 167)	
Cap on pipe	136.45
Bolt in tile	132.47

Name and description	Elev. ft.
<u>GAINES LANDING.</u> Est. (MRC 153)	130.
<p><u>GAINES LANDING.</u> Lat 33° 27' 47.54.6 meters, long 91° 15' 11.76.4 meters. BM is tile in pipe on rt bank of Mississippi River, SW of Gaines Landing, about 1 mi back from river bank at river end of old levee which is about 700 meters below Gaines Landing, 1,115 meters SW along levee from junction of old and main levee 600 meters back of angle where levee turns from SW to S, just inside of wire fence between abandoned field and bar pit 9.5 meters S of lone pecan tree at angle in fence witness tree: 24-inch pecan 200° -9.5 meters. BM 67 MGL. (MRC 167)</p> <p>D Cap on pipe Bolt in tile</p>	134.30 130.32
<p><u>GEORGETOWN TOWHEAD.</u> Cap on pipe on rt bank of Mississippi River on; across river from and about 400 meters from river bank in 1913, below Offutt Landing, Mississippi, about 160 meters from river bank in 1913, in young timber bank of bar and almost due W of upper end of revetment on lt bank. (BM 65/c.) MGL. (MRC 167)</p>	144.69
<u>GRONIMO.</u> Est. AGS 300.	125.
<u>GRAND LAKE.</u> See Brooks Mill Landing. (MRC 167)	
<u>GRAND LAKE.</u> See Island 86. (MRC 167)	
<u>GRAND LAKE.</u> See Seven Oaks Landing. (USE 97)	
<p><u>GRAND LAKE.</u> PBM 3500-A is pipe stone bench with brass cap, located on rt bank of Mississippi River, approximately 1,055 ft above gravel rd that crosses levee at upper end of; about 10 ft S of c/1 of field rd, about 3 ft E of NE cor of picket fence that surrounds tenant house, about 400 ft NW of another tenant house, 1,053 ft NW of levee at L S 3500. MGL. (USE 97)</p> <p>Cap Bolt</p>	114.093 110.135
<p><u>GRAND LAKE.</u> 0.5 mi below lower end of; BM is pipe stone bench with brass cap located on rt bank of Mississippi River, approximately 0.5 mi below lower end of; on E bank of Bayou; approximately 4 mi above Arkansas-Louisiana State line; 720 ft SW of levee at L S 3800, about 140 ft S of negro cabin, and about 20 ft from 40-inch blazed cottonwood tree. BM 3800-A. MGL. (USE 97)</p> <p>Cap Bolt</p>	115.568 111.593

<u>Name and description</u>	<u>Elev. ft.</u>
<p><u>GRAND LAKE.</u> 0.5 mi below Grand Lake; BM 3550-A is pipe stone bench with brass cap, located on rt bank of Mississippi River, near upper end of; approximately 0.5 mi below gravel rd that crosses levee at upper end of lake, 1,222 ft from levee at L S 3550, about 100 ft from negro cabin and 75 ft from c/l of field rd. BM 3550-A. MGL. (USE 97)</p>	<p>114.882 110.824</p>
<p><u>GRAND LAKE.</u> 1 mi N of; PEM is pipe stone bench with brass cap, located on rt bank of the Mississippi River, 1.25 mi above gravel rd that crosses levee at upper end of; in field 632 ft W of levee at L S 3450, about 300 ft NW of tenant house, about 200 ft W of intersection of two field rds, and 25 ft NW of cotton house. PBM 3450-A. MGL. (USE 97)</p>	<p>112.988 109.039</p>
<p><u>GRAND LAKE.</u> On rt bank of Mississippi River, about 1 mi below; about 900 meters W from river bank, about 350 meters E of gin and 35 meters back of levee, in SE cor of garden, 0.5 meters E of fence, 19 meters above NE cor of barn. Cap on pipe. PBM Gage 91. MGL. (MRC 167)</p>	<p>118.121</p>
<p><u>GRAND LAKE.</u> On rt bank of Mississippi River, about 1.75 mi below; 1.38 mi above Cracraft Landing, 40 meters back of river bank, 24.6 meters in front of center of old levee on river edge of old barrow pit, in timber, 4 meters back of river rd, 61 meters above where rd crosses old levee. An old brick cistern stands back of levee a little below BM. Cap on pipe. BM Sec Triang Sta Hilliard. MGL. (MRC 167)</p>	<p>120.11</p>
<p><u>GRAND LAKE.</u> 1.5 mi below, PBM is pipe stone bench with brass cap, located on rt bank of Mississippi River, 1.5 mi below gravel rd that crosses levee at upper end of; in field 1,082 ft W SW of levee at L S 3600, approximately 700 ft SW of tenant house, about 800 ft SE of another tenant house in fork of field rds, about 3,000 ft N of school and church. PBM 3600-A. MGL. (USE 97)</p>	<p>115.649 111.699</p>
<p><u>GRAND LAKE.</u> 1.5 mi above; PBM is pipe stone bench with brass cap, located on rt bank of Mississippi River, 1.5 mi above; in field on S</p>	

<u>Name and description</u>	<u>Elev. ft.</u>
bank of small ditch, about 25 ft W of where ditch forks, about 500 ft N of church, approximately 600 ft N of dirt rd to Eudora, 852 ft NW of levee at L S 3400, about 500 ft NW of tenant house and 600 ft N of ramp. PBM 3400-A. MGL. (USE 97)	Cap 111.596 Bolt 107.652
<u>GRAND LAKE.</u> 2.5 mi below; PBM is pipe stone bench with brass cap, located on rt bank of Mississippi River, approximately 2.5 mi below gravel rd that crosses levee at upper end of; at NE end of strip of woods, 857 ft W of levee at L S 3650, approximately 1,400 ft SE of schoolhouse, 10 ft NE of 48-inch blazed cotton wood tree. PBM 3650-A. MGL. (USE 97)	Cap 112.612 Bolt 108.653
<u>GRAND LAKE.</u> 3.5 mi above; PBM is pipe stone bench with brass cap, located on rt bank of the Mississippi River, 0.6 mi above Mosswood Landing on S bank of small bayou, 700 ft W of levee at L S 3300, approximately 1,500 ft N of Gatewood's store about 27 ft SW of 26-inch blazed willow tree, about 600 ft SW of tenant house, opposite upper end of Grand Lake Revetment Base Line, about 400 ft NW of house. PBM 3300-A. MGL. (USE 97)	Cap 112.914 Bolt 108.954
<u>GRIFFINS.</u> Est. (AGS 300)	175.
<u>HILLIARDS.</u> Est. (AGS 300)	175.
<u>HUDSPETH.</u> Top of rail opposite MP RR station. MSL. (USC&GS 15)	135.8
<u>HUDSPETH.</u> On E side of RR, 72 ft SE of SE cor of station, 69.3 ft E of c/l of RR 69.8 ft NE of RR crossing, in cor of right of way fence, 2½ ft inside of each fence. Pipe flange bench with brass cap 4 inches above ground. BM Bufford. MGL. (USE 165)	132.44
<u>HUDSPETH.</u> About 0.25 mi N of MP RR station, 96 ft S of S end of section house, 30 ft N of center of grade crossing, 49 ft E of c/l of track, and 12 ft NE of pole 421 +26. Standard disk, stamped "E 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	134.370
<u>HUDSPETH.</u> About 0.25 mi N of MP RR station, 208 ft S of S end of section house, 85 ft S of	

<u>Name and description</u>	<u>Elev. ft.</u>
center of grade crossing and 46 ft E of point on E rail 8 ft S of N switch point. Top of cap on a 1½-inch iron pipe projecting about 4 inches above ground. PBM Hudspeth. MSL. (USC&GS 4)	133.796
<u>HUNTING LODGE.</u> Est. (AGS 300)	115.
<u>HURDS.</u> Station. (MP 243)	141.
<u>INDIAN.</u> Village. Est. (MRC 114)	135.
<u>ISLAND 80.</u> On rt bank of Mississippi River on island 80; opposite point about .33 mi below Offutt Landing, Mississippi, in woods, about 1050 meters back of chute behind Georgetown Towhead, at point about 1100 meters below willows on head of tow head, about 300 meters back of deep slough supposed to be old chute of islands 80 and 81; about 60 meters back of smaller slough, about 1070 meters, E in front of levee at point 500 meters below where levee crosses Boggy Bayou. Top of stone. BM 65/4 MGL. (MRC 167)	136.30
<u>ISLAND 81.</u> Lat 33° 29' +1643.3 meters. Long 91° 12' +914.7 meters. BM is stone post buried 8 ft under ground with tile and pipe placed over it on rt bank of Mississippi River back of upper part of small Towhead at foot of chute almost W of willows on foot of Georgetown Towhead. In Georgetown Bend about half-way between Offutt and Gaines Landing in timber 60 meters W of chute, about 700 meters, above mouth of same. Blazed trees: 4-inch box elder 10° -7 meters, 6-inch box elder 45° -9 meters, 6-inch box elder 165° -3.8 meters, 12-inch cottonwood 175° -6.1 meters, 12-inch cottonwood 250° -5.8 meters, 10-inch box elder 350° -8.3 meters. Triangular Sta Island 81 MGL. (MRC 167)	
	Cap 141.56
	Bolt 137.58
	Top of stone 131.15
<u>ISLAND 81.</u> On island across from Offutt Landing, Mississippi, and about .33 mi below, in woods, about 490 meters from bank of chute behind Georgetown Towhead; at point about 1,100 meters below willows on head of towhead; 125 meters in front of deep slough supposed to have been chute of island 80 and 81. Cap on pipe. MGL. (MRC 167) BM 65/3	139.61
<u>ISLAND 82.</u> On rt bank of Mississippi River on NW	

<u>Name and description</u>	<u>Elev. ft.</u>
part of island, about 0.5 mi E of head of chute of island 82 and about 700 meters from river bank at head of sand bar, at edge of woods, 4 meters S of old small levee now almost covered, about 680 meters along levee from chute of island. Piece of gas pipe stands beside stone. Top of stone. BM 69/3. MGL. (MRC 167)	135.16
<u>ISLAND 82.</u> On rt bank of Mississippi River; on E central part of island, about 0.5 mi below point opposite to where old levee runs back from middle of Miller Bend, back of bar and pond, 260 meters W from steep river bank, on ridge in woods. Cap on pipe BM 70/c. MGL. (MRC 167)	135.80
<u>ISLAND 82.</u> On rt bank of Mississippi River on E central part of island, about 0.5 mi below point opposite where old levee runs back from middle of Miller Bend, back of sand bar, in timber about 590 meters back of steep river bank on W side of pond. Top of stone 6 inches above ground. BM 70/3. MGL. (MRC 167)	134.8
<u>ISLAND 82.</u> On rt bank of Mississippi River, about 30 meters NW of rd through woods, about 60 meters W of W bank of chute of island, at point 500 meters above its mouth, on SE side of abandoned field on Llewellyn plantation about 140 meters SE of rd, in center and on top of old levee covered with brush and vines and running nearly E and W. Top of copper bolt in stone 10 inches above ground. MGL. (MRC 167) BM 71/3	136.86
<u>ISLAND 82.</u> On rt bank of Mississippi River about 615 meters W from W bank of chute of island 82, at point about 0.5 mi up chute from mouth, on Llewellyn plantation, 20 meters S of point opposite cor of old levee lying on W side of slough from stone. BM 71/4. MGL. (MRC 167)	132.3
<u>ISLAND 82.</u> On rt bank of Mississippi River on N end of island, about 1050 meters below head of chute of island; on old bank, back of bar covered with young cotton woods, about 240 meters SE from cutting bank, just above head of sand bar, on stone line 69. Cap on pipe, BM Sec (Triang Sta North Island 82) MGL. (MRC 167)	140.21
<u>ISLAND 82.</u> On rt bank of Mississippi River, on lower part, SE side of island, 2250 meters above lower end of chute of island, in timber, on sec-	

<u>Name and description</u>	<u>Elev. ft.</u>
ond ridge back of narrow willow bar, about 100 meters back of bar, about 280 meters back of bank at lower end of sand bar; cap on pipe. BM South island 82. MGL. (MRC 167)	134.94
<u>ISLAND 86.</u> On rt bank of Mississippi River near upper part of Island, opposite mouth of chute above Longwood Landing, Mississippi, in woods, on new made land about 600 meters from river bank, and about 450 meters in front of old river bank of island, on upper side of small slough. Cap on pipe. BM 80/c. MGL. (MRC 167)	125.71
<u>ISLAND 86.</u> On rt bank of Mississippi River on upper part of old island 86, W of joint about 1 mi above mouth of chute above Longwood Landing, back of about .75 mi of made land now covered with young timber, back of chute, at edge of rd, between rd and old river bank. Top on pipe. Triang Sta Hawkins, BM 80/3. MGL. (MRC 167)	122.79
<u>JENNIE.</u> Station. (MP 243)	124.8
<u>JENNIE.</u> 1,375 ft N of station at; 35 ft E of c/1 of Hwy 65; in front yard of Mead residence; 19 ft E of fence, 12.6 ft NW of NW cor of house. Pipe flange bench with brass cap 10 inches above ground. BM Epstein. MGL. (USE 165)	121.77
<u>JENNIE.</u> Between Hwy 65 and MP RR; 3.7 ft NE of NE cor of station. Pipe flange bench with brass cap 1 ft above ground. MGL. (USE 165) (BM Jennie)	120.99
<u>KAPLIN.</u> Station. (MP 243)	131.4
<u>LAKE CHICOT.</u> 1 mi N of lower end of; BM is pipe stone bench with brass cap, located on rt bank of Mississippi River approximately 2.5 mi above Sunnyside, 645 ft SW of levee at L S 2450, approximately 150 ft W of old cabin, about 50 ft W of c/1 of graded rd, 5 ft N of small drainage ditch, BM 2450-A MGL. (USE 97)	Cap 126.996 Bolt 123.017
<u>LAKEHALL.</u> Village. (MRC 131)	120.
<u>LAKEPORT.</u> Village. Est. (MRC 150)	117.
<u>LAKEPORT.</u> 0.75 mi SE of; PBM is pipe stone bench with brass cap, located on rt bank of Mississippi	

<u>Name and description</u>	<u>Elev. ft.</u>
River, approximately 5.5 mi below Sunnyside, in field about 15 ft SW of c/l of graded rd. Approximately 400 ft W of negro cabin, about 3,500 ft SE of large two story plantation home, 777 ft SW of levee at L S 2850. BM 2850-A. MGL. (USE 97)	
Cap	119.816
Bolt	115.830
<u>LAKEPORT.</u> On rt bank of Mississippi River about 3.25 mi below Sunnyside Landing, about 1 mi below point opposite present Refuge Landing, in woods back of chute, back of and about 200 meters below head of towhead, 38 meters back, W of top of bank of chute and about .87 mi E from upper end of Lakeport. Cap on pipe. BM Goose Bar. MGL. (MRC 167)	130.92
<u>LAKEPORT.</u> On rt bank of Mississippi River about 1.75 mi below Sunnyside Landing, 0.75 mi above point opposite Refuge Landing, Mississippi, about 900 meters NE of angle in levee where it leaves bayou to run back of Lakeport, in woods, S of abandoned field, 325 meters from river bank and 25 meters W of bank of N and S slough. Cap on pipe. BM 78/c. MGL. (MRC 167)	128.29
<u>LAKEPORT.</u> 1.75 mi below; PBM is pipe stone bench with brass cap, located on rt bank of Mississippi River, 6.5 mi below Sunnyside, in woods 611 ft S of levee at L S 2900, approximately 110 ft NE of 20-inch blazed hackberry tree, about 400 ft S of 36-inch blazed cottonwood tree, 2 mi below large two story white plantation home, approximately 3,500 ft above Seven Oaks Landing. BM 2900-A MGL. (USE 97)	
Cap	122.413
Bolt	118.423
<u>LAKEPORT.</u> About 2.125 mi above present Lakeport Landing, opposite rd crossing levee at upper part of Lakeport, Arkansas, about 290 meters in front of main levee at point 290 meters below old levee running at rt angles to main levee and about 80 meters above old shaft on inner side of levee; in open ground 4 meters back of small levee and about 0.5 mi above lower limit of cleared land, about 200 meters back of bank of slough behind willows, about 700 meters back bank of chute. Top of pipe 12 inches above ground. Cap on pipe. Triangulation Sta Lakeport. MGL. (MRC 167)	125.81
<u>LAKEPORT.</u> On rt bank of Mississippi River about	

<u>Name and description</u>	<u>Elev. ft.</u>
2.125 mi above present Lakeport Landing, opposite rd crossing levee at upper part of Lakeport, Arkansas, 280 meters in front of main levee at point 260 meters below old levee running at rt angles to main levee and about 100 meters above old shaft on inner side of levee, in open ground, 6 meters back of old small levee, 200 meters back of slough behind willows, 730 meters back of chute. Top of stone 6 inches above ground. BM 79/3. MGL. (MRC 167)	125.19
<u>LAKFPORT.</u> On rt bank of Mississippi River about 2.375 mi by levee, above present Lakeport Landing, 0.375 mi NW of upper part of Lakeport, Arkansas, in field about 0.5 mi above cotton gin; 450 meters back of levee at point about 200 meters above junction of main levee and spur levee; about 500 meters along N and S road from levee, on W side of said rd and 90 meters N of E and W rd. BM 79/4. MGL. (MRC 167)	121.24
<u>LAKE VILLAGE.</u> See Lower Leland Landing. (MRC 167)	
<u>LAKE VILLAGE.</u> See Mosswood Landing. (USE 97)	
<u>LAKE VILLAGE.</u> Station. (MP 243)	124.0
<u>LAKE VILLAGE.</u> In SE cor of courthouse yard, 10 ft W and 4.6 ft N of inside cor of 5 ft concrete walk. Pipe flange bench with brass cap 6 inches above ground. BM Courthouse. MGL. (USE 165)	126.86
<u>LAKE VILLAGE.</u> In NW edge of Lake Village, approximately 0.5 mi N of MP RR station and 500 ft E of c/l of MP RR; 1,200 ft W of negro school, 1.3 ft W of property line fence of Sam Epstein and Judge Street, 30 ft E of c/l of power line, 2.5 ft NE of 15-inch twin pecan tree. Pipe flange bench with brass cap 6 inches above ground. BM Susie. MGL. (USE 165)	121.82
<u>LAKE VILLAGE.</u> Approximately 3 mi S of; about 1,000 ft NW of RR crossing, at point where Hwy 65 turns NE from RR, 44.6 ft SW of SW cor of tenant house in middle field 31.0 ft SW of 60-inch oak tree. Pipe flange bench with brass cap 1 ft above ground. BM Blue MGL. (USE 165)	125.80
<u>LAKE VILLAGE.</u> 4 mi E of; on N bank of Lake Chicot, 370 ft S of Lake Village to Greenville Hwy, 200 ft N of water's edge of Lake Chicot on top bank,	

<u>Name and description</u>	<u>Elev. ft.</u>
at house owned and occupied by Rufe Garrett, 7 inches S of garage, 4 ft W of SE cor of garage, 6.8 ft W of 50-inch tree. Pipe flange bench with brass cap 7 inches above ground. BM Alma. MGL. (USE 165)	126.21
<u>LE BLANC.</u> Station. (MP 243)	117.
<u>LELAND.</u> See Bachelor Ben Towhead. (MRC 167)	
<u>LELAND.</u> See Columbia. (MRC 167)	
<u>LELAND.</u> Village. Est. (MRC 151)	131.
<u>LELAND PLANTATION.</u> On rt bank of Mississippi River, opposite and below Warfield Point, back of bar, on Leland Plantation, 1 mi below plantation buildings; 155 meters back of top of levee, in upstream river, cor of yard around Seven Star Baptist Church, at intersection of rd running back from river and rd parallel to levee 5 meters upstream and 12.7 meters out toward levee from upstream river cor of said church. Cap on pipe. PBM Seven Star. MGL. (MRC 167)	127.416
<u>LESLIE.</u> Est. (AGS 300)	175.
<u>LINWOOD LANDING.</u> On rt bank of Mississippi River, on Bellocue Plantation; in Spanish Moss Bend; back of upper part of bar; 2.5 mi below foot of Island 82; about 2 mi above Luna Landing, Arkansas; about 0.75 mi below Linwood Landing; 55 meters back of base of levee, at point about 650 meters below a prominent angle in levee; just below small angle in levee; 9 meters S of an E and W ditch on an old wooded slough along N side of cotton field; $\frac{1}{2}$ meter E of fence run- ning parallel to levee; about 0.75 mi ENE from large brick cotton gin; about 55 meters above building. Cap on pipe (BM Brick Gin). MGL. (MRC 167)	129.08
<u>LOWER LELAND LANDING.</u> On rt bank of Mississippi River, about 200 meters below Lower Leland Landing, 1.25 mi above buildings on Leland Plantation, about opposite building on La Grange Plantation which are back of upper part of Warfield Towhead, on ridge, in small timber; about 110 meters NW from river bank and 175 meters SE of old river bank. Cap on pipe. BM Warbler. MGL. (MRC 167)	129.98

<u>Name and description</u>	<u>Elev. ft.</u>
<u>LOWER LELAND LANDING.</u> On rt bank of Mississippi River, about 550 meters above Lower Leland Landing, about 1.75 mi above plantation building at Leland Plantation, opposite upper part of La Grange crevasse and lower part of towhead; on old river bank about 370 meters back of present river bank; at edge of timber in front of abandoned field, about 30 meters below two tall sycamore trees, about 130 meters back of slough, back of points where ditch comes into slough from back side, about 340 meters ESE of end of levee. Top of stone. Triang Sta Whittaker. MGL. (MRC 167)	129.95
<u>LOWER LELAND LANDING.</u> On rt bank of Mississippi River, about 1.5 mi below present Lower Leland Landing and near Leland Plantation quarters; back of rt angle in levee where it turns and runs SW; 140 meters back of levee; in upper back cor of small lawn in front of plantation residence. 40 meters back from rd in front of lawn and 40 meters above store. Cap on pipe. BM 76/c. MGL. (MRC 167)	130.63
<u>LUNA.</u> See Archer Plantation. (MRC 167)	
<u>LUNA.</u> See Gaines. (MRC 167)	
<u>LUNA.</u> See Island 82. (MRC 167)	
<u>LUNA.</u> See Leland Plantation. (MRC 167)	
<u>LUNA.</u> Station. (MP 243)	129.0
<u>LUNA LANDING.</u> On rt bank of Mississippi River, lower end of bar in Spanish Moss Bend; 650 meters above RR tracks at Luna Landing; about 120 meters W of prominent angle in old abandoned levee, 200 meters from river, on river face of levee about 50 meters W of small angle, about 315 meters in front of main levee. Roadway runs directly past pipe. Cap on pipe. BM Luna. MGL. (MRC 167)	136.36
<u>LUNA LANDING.</u> On rt bank of Mississippi River, about 0.5 mi above Luna Landing, and 0.25 mi from river bank; between old and new levees; 55 meters outside of base of main levee, on strip of ground left in barrow pit, about 570 meters above where MP RR crosses levee. A 48-inch blazed cottonwood tree, bearing a levee H. W. Gage, stands 265° 21.2 meters. Top of	

<u>Name and description</u>	<u>Elev. ft.</u>
stone 6 inches above ground. BM 72/3. (MRC 167)	129.97
<u>LUNA LANDING.</u> On rt bank of Mississippi River, about 0.5 mi above Luna Landing about 1,470 meters SW from river bank, on Sunnyside Plantation, in cultivated field, 920 meters back of levee near BM 72/3 about 600 meters from MP RR. Top of stone. BM 72/4. MGL. (MRC 167)	127.33
<u>MACON LAKE.</u> Station. (MP 243)	133.5
<u>MAXEY.</u> Est. (MRC 131)	130.
<u>MOSSWOOD.</u> Est. (AGS 300)	175.
<u>MOSSWOOD.</u> Lat $33^{\circ} 8'$ ± 508.6 meters; long 91° $11'$ ± 1427.8 meters BM 81/d is tile and pipe on rt bank of Mississippi River in Chicot Co. 0.5 mi back or W of landing which is in upper part of Matthews Bend about 600 meters back of river bank at point 0.5 mi below mouth of old chute. 133 meters back of levee point, 120 meters below store where rd crosses levee in upper river cor of yard of prominent square house. Witness marks; NE cor of house $90^{\circ} -6.9$ meters; 10-inch willow tree $120^{\circ} -4.6$ meters. MGL. (MRC 167)	115.28
Cap on pipe bolt in tile	111.27
<u>MOSSWOOD LANDING.</u> 2.25 mi above; PBM is pipe stone bench with brass cap, located on rt bank of Miss- issippi River approximately 5 mi above Grand Lake, in open woods, about 700 ft from levee at L S 3200, approximately 7,000 ft below Tecumpsa Plant- ation Headquarters, about 100 ft NE of 30-inch blazed cottonwood and 20 ft NW of 15-inch blazed cottonwood. BM 3200-A MGL. (USE 97)	116.101 112.210
	Cap Bolt
<u>MOSSWOOD LANDING.</u> 3.3 mi above; PBM is pipe stone bench with brass cap, located on rt bank of Mississippi River, 4.4 mi below Seven Oaks Landing, in pasture 830 ft NW of levee at L S 3150, 175 ft E of fence, about 600 ft N of cabin, and 600 ft NW of another cabin, on Kiger Plantation, and approximately 2,000 ft W of two- story colonial home which is Tecumpsa Plantation Headquarters. BM 3150-A MGL. (USE 97)	119.304 115.345
	Cap Bolt

<u>Name and description</u>	<u>Elev. ft.</u>
<u>NORCROSS.</u> Est. (MRC 131)	130.
<u>NORDMAN.</u> Est. (MRC 131)	115.
<u>PANTHER FOREST LANDING.</u>	
Lat 33° 26' †142.6 meters, long 91° 13' †1149.2 meters. BM is tile and pipe on rt bank of Mississippi River in Chicot Co, back of center of Revetment 2.5 mi below Gaines Landing directly back of Panther Forest Landing, about 250 meters from river bank in 1913, 30 meters back of base of levee at point 155 meters above prominent angle in levee, where levee starts across Co toward Luna, Arkansas, at back side of small field, about 100 meters below house, on top of N side of large Cypress Swamp. Blazed trees; 10-inch hackberry S-14.8 meters, 10-inch hackberry 10° -19.2 meters, 10-inch hackberry 25° -22.6 meters, 10-inch hackberry 290° -15.7 meters, 10-inch hackberry 310° -14.3 meters. BM Panther Forest. MGL. (MRC 167)	132.12
Cap on pipe bolt in tile	
<u>POINT CHICOT.</u> On rt bank of Mississippi River, on NW part of Point Chicot, nearly back of Point Chicot Landing, about 335 meters back of river bank, 40 meters back of first rd turning to lt and at rt angles to main rd leading back from landing, just below second cabin back of high water gage 98, in weeds and brush, 20 meters from edge of cultivated field, 32 meters below or NE of old barn, 80 meters above or SW of cabin. Cap on pipe. BM Gage 98. MGL. (MRC 167)	135.23
<u>POINT CHICOT.</u> On rt bank of Mississippi River on NE part of Point Chicot, about 2 mi above point opposite Greenville, Miss, in bunch of large cottonwoods, back of wide bar covered by scattering cottonwoods; on high ground 30 meters S of S bank of slough, about 600 meters from edge of sand bar and young timber in 1913, cap on pipe. BM 74/c. MGL. (MRC 167)	137.77
<u>POINT COMFORT LANDING.</u> On rt bank of Mississippi River about 400 meters below present Point Comfort Landing, 1.25 mi above upper end of chute of Island 82; 520 meters E from main river bank in 1913, about 320 meters W of bank of chute of Island 82, at back side of abandoned field, near edge of cottonwoods, on old levee almost covered with sand, about 90 meters below	

<u>Name and description</u>	<u>Elev. ft.</u>
a cottonwood grove, at upper side of field, cap on pipe. BM Point Comfort. MGL. (MRC 167)	138.26
<u>POINT COMFORT LANDING.</u> On rt bank of Mississippi River about 2 mi below Panther Forest Landing, and about 1.5 mi above point Comfort Landing, 480 meters back of caving bank in 1913 at point about 300 meters below point opposite mouth of small chute at back edge of timber on old N and S levee now nearly covered by deposit, on W bank of old NE and SW slough filled with brush about 1,000 meters below where it heads at river bank, 10 meters above abandoned field. BM 68/d. MGL. (MRC 167)	138.79
<u>READLAND.</u> Station. (MP 243)	115.
<u>REEVES.</u> Station. (MP 243)	119.
<u>RENFROW SPUR.</u> Station. (MP 243)	117.
<u>SCAIFE.</u> Est. (AGS 300)	130.
<u>SEVEN OAKS LANDING.</u> Lat 33° 10' (‡1839.9 meters); long 91° 5' (‡1370.7 meters). BM is tile and pipe on rt bank of Mississippi River, about 1.5 mi below point opposite outlet to lower arm of Lake Lee, about 1 mi below Seven Oaks Landing, about 560 meters from river bank in woods, 75 meters NW of small opening on lower bank of old chute, about 660 meters in front of levee, blazed trees; 6-inch pecan 15° 3.7 meters, 6-inch ash 40° 3 meters, 4-inch ash 185° 3.9 meters, 8-inch mulberry 200° 8.5 meters, 20-inch ash 280° 4.3 meters. BM ARTWAY. MSL. (MRC 167)	117.70
<u>SEVEN OAKS LANDING.</u> 1.3 mi below Seven Oaks Landing. PBM is a pipe stone bench with brass cap located on rt bank of Mississippi River, 1.4 mi below Seven Oaks Landing, in field 610 ft W of levee at L S 3,000, approximately 800 ft N of negro cabin, and about 25 ft NE of 26-inch twin cottonwood trees on NW edge of slight depression. BM 3000 A. MGL. (USE 97)	119.912
	Cap
	Bolt
	115.932
<u>SEVEN OAKS LANDING.</u> 2.3 mi below Seven Oaks Landing. PBM is a pipe stone bench with brass cap, located on rt bank of Mississippi River, 2.4 mi below Seven Oaks Landing, 600 ft W of levee at L S 3050, in edge of woods about 10 ft NE of 10-inch blazed pecan tree, about 66 ft E of 12-	

<u>Name and description</u>	<u>Elev. ft.</u>
inch blazed pecan tree approximately 2,000 ft NE of negro cabin. BM 3050-A MGL. (USE 97)	Cap 118.691 Bolt 114.729
<u>SEVEN OAKS LANDING.</u> 3.3 mi below Seven Oaks Landing. PBM is a pipe stone bench with brass cap, located on rt bank of Mississippi River, 3.4 mi below Seven Oaks Landing, 885 ft NW of levee at L S 3100, 2 ft NE of fence, approximately 30 ft NE of c/l of rd, about 60 ft SE of church, about 120 ft NW of 16-inch twin blazed cottonwood tree. BM 3100-A MGL. (USE 97)	Cap 121.107 Bolt 117.146
<u>STERLING.</u> About 700 meters from river bank, at point 0.75 mi above Sterling Landing, 76 meters back of center of levee, at point 50 meters above angle in levee, and 180 meters below prominent angle in levee, 26 meters W of bank of bayou and 17 meters N of same bayou below bend; in yard 7.5 meters W of first cabin below bayou, highest point on stone. BM 83/4. MGL. (MRC 167)	117.56
<u>STERLING LANDING.</u> On rt bank of Mississippi River, near st line between Ark and La; on Island 89; about 1.12 mi below Sterling Landing; opposite upper portion of bar now forming; in woods about 80 meters from rt bank and 45 meters in front of bank of old chute, 55 meters below small slough; cap on pipe. Triangulation Sta Stevenson. MGL. (MRC 167)	117.10
<u>SUNFLOWER LANDING.</u> On rt bank of Mississippi River about 0.75 mi back of Sunnyside Landing, on Sunnyside Plantation; 870 meters W of levee measured along narrow gage RR, from its levee crossing; about 425 meters SW of cotton gin; 131 meters S of c/l of RR tracks; 325 meters back SW of levee at BM Sunnyside; in pasture lot southwardly from stables; southwesterly from cabin; westwardly from stables; 0.7 meters W of N and S fence; cap on pipe. BM Chicot. MGL. (MRC 167)	127.92
<u>SUNNYSIDE.</u> Est. (MRC 131)	115.
<u>SUNNYSIDE.</u> See Lakeport (1.75 mi below). (USE 97)	
<u>SUNNYSIDE.</u> See Seven Oaks Landing. (MRC 167)	
<u>SUNNYSIDE.</u> BM is a pipe stone bench with brass cap,	

<u>Name and description</u>	<u>Elev. ft.</u>
located on rt bank of Mississippi River, about 0.5 mi below Sunnyside, 739 ft SW of levee, at L S 2600 (1933) on E bank of depression, 15 ft N of blazed pecan tree, about 2,200 ft SE of store, about 200 ft E of drainage ditch, about 500 ft W of 32-inch blazed cottonwood tree, about 500 ft S of negro cabin. BM 2600-A MGL. (USE 97)	
Cap	124.245
Bolt	120.271
<u>SUNNYSIDE.</u> BM is a pipe stone bench with brass cap, located on rt bank of Mississippi River, approximately 2.5 mi below Sunnyside, 670 ft W of levee, at L S 2700 (1033), about 22 ft W of c/1 of gravel rd, about 300 ft N of small tin top house, about 300 ft N of small rd that crosses gravel rd. BM 2700-A MGL. (USE 97)	
Cap	123.404
Bolt	119.429
<u>SUNNYSIDE.</u> BM is a pipe stone bench with brass cap, located on rt bank of Mississippi River, approximately 3.5 mi below Sunnyside 1,020 ft SW of levee, at L S 2750 (1933) in edge of field, about 22 ft SW of c/1 of gravel rd and 1,200 ft SW of old tin-topped house, about 800 ft SE of old church, that sets on E side of gravel rd, about 750 ft SW of 18-inch blazed locust tree, approximately 1 mi NW of large two story white house. BM 2750-A MGL. (USE 97)	
Cap	120.924
Bolt	116.944
<u>SUNNYSIDE LANDING.</u> On rt bank of Mississippi River opposite lower part of Island 84; about 950 meters back of W Sunnyside Landing; on Sunnyside plantation; about 130 meters N of narrow gauge RR that runs parallel to levee above angle and then toward landing; about 680 meters above prominent angle in levee where rd from landing crosses same; 7 meters back of base of levee; in fence cor about 180 meters above water tank; 230 meters above cotton gin and 61 meters above small house; cap on pipe. BM Sunnyside. MGL. (MRC 167)	
	130.38
<u>VANCLUSE.</u> Est. (MRC 153)	100.
<u>VANCLUSE LANDING.</u> In upper part of Walker Bend, near levee, W of BM 40 M 3 ft from SE cor of house owned by Mr Lotts and occupied by Will Turner. Tile and pipe bench W of lower end of revetment. BM 77/D MGL. (USE 165)	
Cap	123.887
Bolt	119.886

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<p><u>VANCLUSE LANDING.</u> On rt bank of Mississippi River, W of lower end of revetment in upper part of Walker Bend, about 0.75 mi back of and below; 135 meters below prominent angle in levee, where it turns almost S or down river after running back across outlet of Lake Chicot, 30 meters back of base of levee, 5 meters back of ditch running parallel to levee, just S of small peach orchard S of cabin. Cap on pipe. BM 77-D. MGL. (MRC 167)</p>	127.88
<p><u>VANCLUSE REV'T, UPPER END.</u> BM is a pipe stone bench with brass cap located on rt bank of Mississippi River, at; on E bank of old bed of Lake Chicot, 778 ft W of c/l of levee at station 2291-73, about 600 ft S of 8-inch blazed twin locust tree, about 100 ft E of 8-inch blazed pecan tree, about 1,100 ft NW of H W Gage 96. BM 2300-A. MGL. (USE 97)</p>	Cap 127.730 Bolt 123.751
<p><u>VANCLUSE REV'T, LOWER END.</u> BM is a pipe stone bench with brass cap, located on rt bank of Mississippi River, at lower end of; approximately 17 ft E of c/l of N and S graded rd, approximately 600 ft N of small cabin; 1,150 ft S of BM 40-M approximately 1 mi below; 580 ft W of levee at LS 2350. BM 2350-A. MGL. (USE 97)</p>	Cap 125.140 Bolt 121.175
<p><u>WALKER BEND.</u> BM is pipe stone bench with brass cap, located on rt bank of Mississippi River, 2 mi below Vancluse and 3.5 mi above Sunnyside, 617 ft SW of levee at LS 2400, about 350 ft W of cabin, approximately 10 ft NE of intersection of two small drainage ditches, approximately 22 ft N of c/l of field rd. BM 2400-A. MGL. (USE 97)</p>	Cap 125.309 Bolt 121.338

CROSS INDEX TO LEVEL LINES IN
DESHA COUNTY

Line No. 1

Arkansas City
Walnut Lake

Line No. 15

Arkansas City
McGehee
McGehee Junction

Line No. 49

Henrico Landing
Lagrué River
Little Island Chute
Scrub Grass Bayou

Line No. 92

Big Island
Bridgeport Light
Campbells Ferry
Deerfield
Henrico Bar
Henrico Landing
Island 68
Island 69
Jug Harris Towhead
Klondike Light
Knowlton Landing
Knowlton Revetment
Laconia
Laconia Circle
Laconia Crevasse
Laconia Landing
Laconia Bend Landing

Line No. 94

Arkansas City
Chicora Landing
Desota Landing

Line No. 4

Arkansas City

Line No. 44

Pendleton
Silver Lake Landing

Line No. 63

Island 69
Laconia
Laconia Landing

Laconia Revetment
Lake Charles Landing
Laké Concordia
Little Red Light
Ludlow Field
Mohawk
Montgomery Island
Montgomery Point Cut-
off
Montgomery Point
Montgomery Point Land-
ing
Montgomery Point Light
Mozart
Napoleon Light
Scrubgrass Towhead
Sibley Chute
Snow Lake
White River Landing

Line No. 96

Lucca Landing
Rohwer

Line No. 99

Avenue Landing
 Burnett
 Medford
 Pendleton
 Red Fork
 Rohwer
 Watson
 Yancopin

Line No. 165

Arkansas City
 Dumas
 Kelso
 McArthur
 McGehee
 Masonville
 Mozart
 Red Fork
 Rohwer
 Trippe Junction
 Watson
 Yancopin

Line No. 243

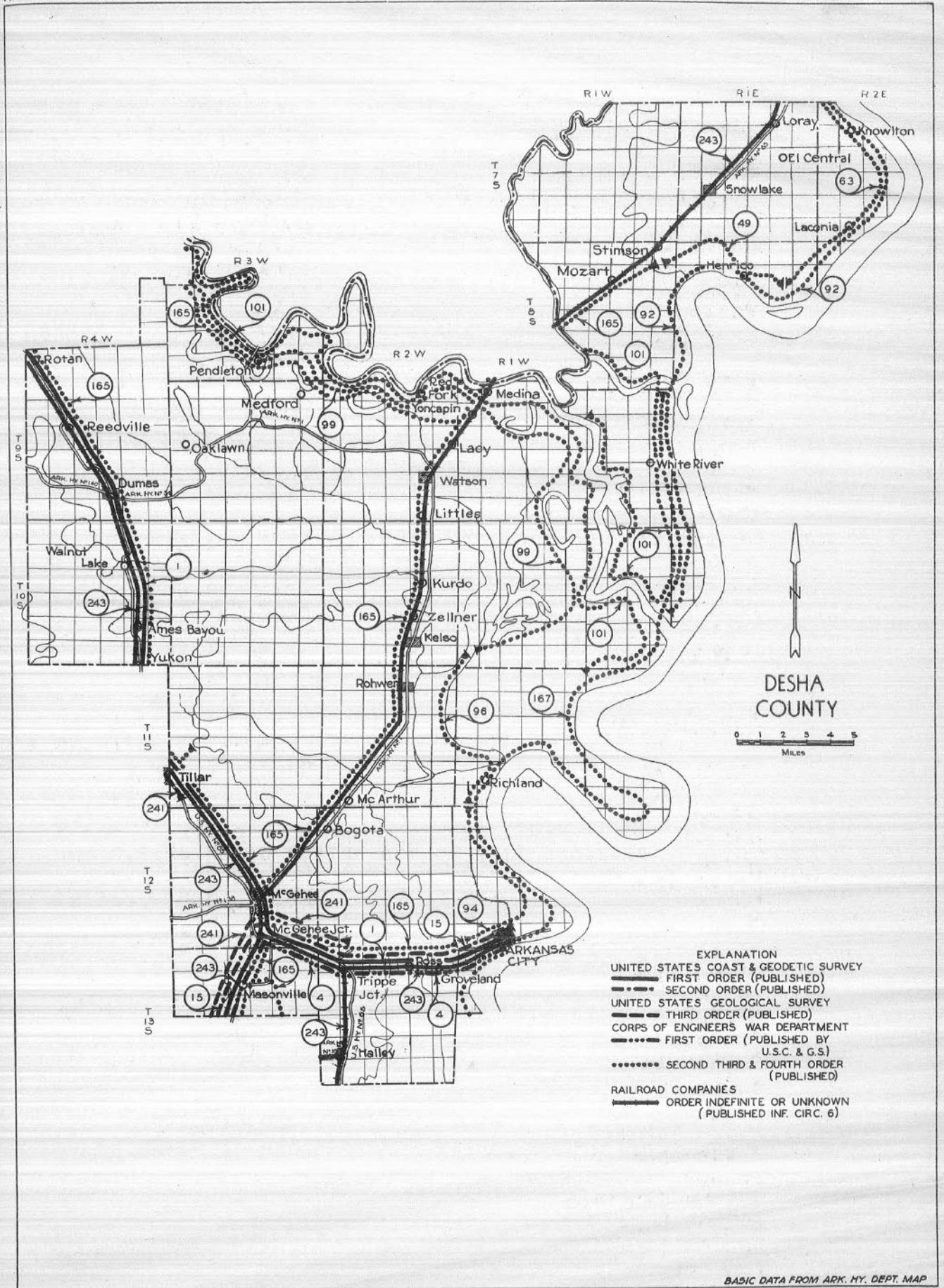
Deerfield
 Deer Park
 Dumas
 Halley
 Kelso
 Kelso Spur
 Kurdo
 Lear
 Loray
 Masonville
 McGehee
 Mozart
 Paddock
 Reedville
 Riffe Spur
 Rohwer
 Snow Lake
 Thane Spur
 Trippe
 Trippe Junction
 Walnut Lake
 Watson
 Yancopin
 Yukon Spur

Line No. 101

Avenue
 Campbells Ferry
 Cumbeville Gauge
 Lake Jefferson
 Medford Landing
 Napoleon Landing
 Notrebe Crossing
 Pelican Lake
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 Desota Landing
 Goodrich Landing
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 Home Landing
 Jersey Point
 Lucca Landing
 Monterey Landing
 Ozark Island
 Rosedale Landing
 Sard Lake
 White River Landing



DESHA COUNTY



- EXPLANATION**
- UNITED STATES COAST & GEODETIC SURVEY
 - FIRST ORDER (PUBLISHED)
 - SECOND ORDER (PUBLISHED)
 - UNITED STATES GEOLOGICAL SURVEY
 - THIRD ORDER (PUBLISHED)
 - CORPS OF ENGINEERS WAR DEPARTMENT
 - FIRST ORDER (PUBLISHED BY U.S.C. & G.S.)
 - SECOND THIRD & FOURTH ORDER (PUBLISHED)
 - RAILROAD COMPANIES
 - ORDER INDEFINITE OR UNKNOWN (PUBLISHED INF. CIRC. 6)

<u>Name and description</u>	<u>Elev. ft.</u>
<u>ARKANSAS CITY.</u> See Lucca Landing. (MRC 167)	
<u>ARKANSAS CITY.</u> See Caulk Landing. (MRC 167)	
<u>ARKANSAS CITY.</u> See Chicora Landing. (MRC 167)	
<u>ARKANSAS CITY.</u> See Goodrich Landing. (MRC 167)	
<u>ARKANSAS CITY.</u> See Home Landing. (MRC 167)	
<u>ARKANSAS CITY.</u> See Jersey Point. (MRC 167)	
<u>ARKANSAS CITY.</u> About 110 yards from river; on W slope of levee, and on W slope of RR dump. Top of iron pipe. TBM 117-Levee BM. MSL. (USC&GS 4)	145.131
<u>ARKANSAS CITY.</u> About 90 yards SW of MP RR station; 114 ft S of c/l of main track, at switch point for N spur line; 85 ft SW of NE end of warehouse; 23 ft SE of NW side of warehouse, and about 15 ft NW of toe of levee. Bottom of square surrounded by letters "USEBM" cut in top of 6 by 6-inch granite post. F. MSL. (USC&GS 1)	139.012
<u>Note.</u> A hole was cut in floor of warehouse to allow level rod to rest on mark.	
<u>ARKANSAS CITY.</u> Pipe flange bench with brass cap 5 inches above ground; 894 ft NW of levee in E cor of Hwy 4 and Second Street; 10.7 ft SE and 0.8 ft NE of inside cor of 4-ft concrete sidewalk; 20.2 ft W of W cor of house. BM Azilce. MGL. (USE 165)	137.47
<u>ARKANSAS CITY.</u> Pipe flange bench with brass cap 1 ft above ground, in NE edge of town, in N cor of front yard of residence; about 2,000 ft NE of courthouse along Second Street; on S side of street, 2 ft inside of each fence. BM Bryant. MGL. (USE 165)	137.35
<u>ARKANSAS CITY.</u> Milepost 420 (MP RR). At SW edge of town, on MP RR; about 50 yards E of water tank; about 10 ft S of main track, in top of concrete milepost. Copper bolt. MSL. (USC&GS 15)	140.147
<u>ARKANSAS CITY.</u> Top of stone in small or upper knob of letter S bolt being gone, stone post in partly cleared ground in lower part of; about 850 meters below courthouse; 420 meters	

<u>Name and description</u>	<u>Elev. ft.</u>
N azimuth 179° 50' from former RR shop; about 51.5 meters back of levee; about 40 meters SW of two tall lone 30-inch pecan trees, blazed and standing in clearing. BM 63/3. MGL. (MRC 167)	136.901
<u>ARKANSAS CITY.</u> Cap on pipe on rt bank of Mississippi River, about 2 blocks back of levee in upper part of town, in SW cor of yard surrounding Desha Co courthouse; 0.6 meter inside of each fence. PBM Courthouse. MGL. (MRC 167)	140.428
<u>ARKANSAS CITY.</u> Cross cut in iron sill on first street above RR station; about 30 meters back of center of levee on E end of show window, on S side of store; in SE cor of brick building known as Euclid Hotel. Cross just outside brick jamb and US chiseled in brick 4 inches above cross. BM Primm, 1907. MGL. (MRC 167)	140.76
<u>ARKANSAS CITY.</u> Elev Zero of Gage; 40.15 ft below; top of stone PBM 63/3; 51.87 ft below PBM Desha. MGL. (MRC 167)	96.75
<u>ARKANSAS CITY.</u> Square cut on iron sill, on upstream river cor of square base that supports iron column that rests on corrugated iron door sill at entrance of Desha Bank and Trust Company, at extreme front upstream cor of building, about 12 ft above sidewalk on natural ground. PBM Desha. MGL. (MRC 167)	148.618
<u>ARKANSAS CITY.</u> BM is a 2-inch pipe flange bench with brass cap; top of pipe is 12-inches above ground; on rt bank of Mississippi River; back of Choctaw Island 78; on landside of levee; 300 ft from c/l in SE cor of yard, behind a cistern; 30 ft from switch tracks of MP RR; W of RR tracks; S of Arkansas City depot. PBM 800-A. MGL. (USE 94)	139.086
<u>ARKANSAS CITY.</u> Cap in pipe on rt bank of Mississippi River about 640 meters S from point where old abandoned levee makes rt angle turn to cut across point of; about 590 meters back of river bank, on NW bank of old chute of Island 78; on SW side of plantation rd; about 200 meters NW of NW cor of field. BM 61/c. MGL. (MRC 167)	145.05

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<p><u>ARKANSAS CITY.</u> Top of stone about 0.75 mi NW of; about 1,125 meters back of main levee in woods; 420 meters SW of river end of old levee following along rear of Col. Dickinson's old place; 30 meters S of shallow pond in cypress swamp. Top of stone 12 inches above ground. BM 63/4. MGL. (MRC 167)</p>	137.4
<p><u>ARKANSAS CITY.</u> BM is a 2-inch pipe flange bench with brass cap; top of pipe is 12-inches above ground; located on rt bank of Mississippi River; about 1 mi S of; about 1,000 ft back of Arkansas City ferry landing; on landside of levee; about 616 ft from its c/l; near Arkansas City ferry rd; about 10 ft from NE cor of old barn that is across MP RR track. BM 850-A. MGL. (USE 94)</p>	136.482
<p><u>ARKANSAS CITY.</u> BM is a 2-inch pipe flange bench with brass cap; top of pipe is 12 inches above ground; on rt bank of Mississippi River; 1 mi N of; back of Choctaw Island 78; in NE cor of yard; 25 ft from NE cor of house; about 900 ft back of levee. PBM 750-A. MGL. (USE 94)</p>	139.399
<p><u>ARKANSAS CITY.</u> Cap on pipe about 1.5 mi below former RR shop at Arkansas City; at point where RR and levee separate, back or W of levee on S side of RR; 12 meters from each; about 0.5 mi from river bank in 1913. BM Separation. MGL. (MRC 167)</p>	135.92
<p><u>ARKANSAS CITY.</u> Lat 33° 35' + 38.09 meters, long 91° 14' + 04.46 meters; BM 1 AR is pipe stone bench with brass cap 1.2 ft above ground; located about 1.5 mi SW of; about 1,000 ft W of where MP RR touches edge of levee on S side of RR, at toe of fill between RR and borrow pit. MGL. (USE 165)</p>	Cap 134.088 Bolt 130.088
<p><u>ARKANSAS CITY.</u> Top of stone on rt bank of Mississippi River on Island 78; in woods; about 1,200 meters SW from river bank; 5 meters N of N river bank of White Thorn slough; about 1,050 meters in front of levee, at point 1.75 mi above; about 350 meters S of SW cor of cultivated field. Top of stone 4 inches above ground. BM 62/4. MGL. (MRC 167)</p>	141.3
<p><u>ARKANSAS CITY.</u> Top of stone on rt bank of Mississippi River in woods; on upper part of</p>	

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
Old Island 78; on lt bank of chute around same; about 0.75 mi below head of island; about 1,120 meters back of river bank; about 900 meters in front of levee at point 2 mi above; about 215 meters W of lower end of cultivated field. BM 61/4. MGL. (MRC 167)	139.5
<u>ARKANSAS CITY.</u> Cap on pipe on rt bank of Mississippi River; about 2 mi above; about 0.75 mi SW or back of Chicot Landing; 1,300 meters below rt angle in abandoned levee, near Chicot Landing; 104 meters W of lower end of semi-circular piece of levee that circles around pond and is junction point of old and new levees; in NE cor of yard surrounding cabin occupied by Henry Tucker; on land of J. P. Whitehill; 2 meters SW of cor of fences. PBM Chicot. MGL. (MRC 167)	141.162
<u>ARKANSAS CITY.</u> BM is 2-inch pipe flange bench with brass cap; located on rt bank of Mississippi River; 2 mi N of; back of Chicot Landing; and 350 ft on land side of levee; about 0.5 mi S of BM Chicot; 50 ft S of fence surrounding yard; 80 ft W of fence surrounding old field. Top of pipe is 12 inches above ground. PBM 700-A. MGL. (USE 94)	139.380
<u>ARKANSAS CITY.</u> Top of stone on rt bank of Mississippi River on Island 78; in woods, about 1,000 meters back of edge of timber; back of bar at point about 2.5 mi above; little below and opposite Stop Landing; about 450 meters back of head of pond in chute running through island, on NE and SW ridge between two sloughs or depressions in ground. Top of stone 6 inches above ground. BM 62/3. MGL. (MRC 167)	141.92
<u>ARKANSAS CITY.</u> Cap on pipe on rt bank of Mississippi River in woods; on Island 78, about 2.5 mi above; about 400 meters back of edge of timber back of bar; 12 meters back of old bank; about 230 meters in front of head of pond, in chute running through Island 78; about 12 meters back of old triangulation sta of same name; mark of which has been destroyed. BM Island 78. MGL. (MRC 167)	140.94
<u>ARKANSAS CITY.</u> About 2.5 mi W along MP RR; 63 ft SE of pole 417+21; 41 ft W of center of grade crossing; 58 ft S of c/1 of track. Standard disk, stamped "T 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	135.059

<u>Name and description</u>	<u>Elev. ft.</u>
<u>ARKANSAS CITY.</u> BM is 2-inch pipe flange bench with brass cap; top of pipe is about 12 inches above ground; located on rt bank of Mississippi River, 3 mi above; about 0.5 mi above junction of old and new levees; on landside, approximately 330 ft from I P 650; 1 ft from SE cor of old barn; in cor of old field; about 100 ft from old cabin. BM 650-A. MGL. (USE 94)	140.014
<u>ARKANSAS CITY.</u> BM is 2-inch pipe flange bench with brass cap; top of pipe is about 12 inches above ground; located on rt bank of Mississippi River; about 1,400 meters above old site of Chicot City; about 1,800 ft back of river bank in 1929; about 500 ft back of new levee; in woods on NW bank of prominent Cypress Swamp heading near river and extending back SW. BM 600-A. MGL. (USE 94)	135.522
<u>ARKANSAS CITY.</u> Milepost 415 (MP RR). About 5 mi W along MP RR from; in top of concrete milepost. Copper bolt. MSL. (USC&GS 15)	145.410
<u>ARKANSAS RIVER.</u> Cap on pipe on rt bank of Mississippi River; in back cor of clearing; 270 meters above upper bank of Arkansas River; about 0.5 mi above mouth; on high ridge or old bank of Mississippi River; 53.5 meters back of house. BM Gage 111. MGL. (MRC 167)	153.39
<u>ARKANSAS RIVER.</u> Cap on pipe on rt bank of Mississippi River; about 1.5 mi below mouth of Arkansas River opposite point 0.25 mi below outlet of Beulah Lake; in woods; 840 meters from river bank in 1913; about 200 meters N of E and W slough, same distance S of another; 75 meters E of small slough. BM 52/d. MGL. (MRC 167)	144.61
<u>AVENUE.</u> Brass cap on 4-inch iron pipe, located on N bank of Arkansas River; about 2 mi below "Avenue", and about 5.5 mi above mouth of river. PBM "North Jimmie." MGL. (USE 101)	146.036
<u>AVENUE.</u> Brass cap on 4-inch iron pipe, located on W bank of Arkansas River in bite of bend known as "Avenue"; about 7.5 mi above mouth of river. PBM "Avenue." MGL. (USE 101)	154.964
<u>AVENUE.</u> Brass cap on 4-inch iron pipe, in woods; about 300 ft W of US Government levee; opposite locality known as "Avenue", on Arkansas River; about 1,000 ft N of levee sta 730, and about	

<u>Name and description</u>	<u>Elev. ft.</u>
1,500 ft W of PBM "Avenue." PBM "Avenue No. 2," MGL. (USE 101)	153.064
<u>AVENUE LANDING.</u> BM is 3 $\frac{1}{2}$ -inch stone bench with brass cap located on rt bank of Arkansas River back of; 1,300 ft NW of prominent angle in levee; 900 ft NW of closest point on levee; about 900 ft W of house; on N side of field rd; about 3 ft N of fence line. BM 3100-A. MGL. (USE 99)	Cap 149.995 Bolt 146.036
<u>AVENUE LANDING.</u> BM is 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap; located on rt bank of Arkansas River; about 0.5 mi NW of; 2,500 ft above where rd crosses levee to Avenue Landing; 410 ft back of levee; in thinly wooded area; 5 ft from 10- inch gum tree; 40 ft from 12-inch gum tree; 150 ft from 15-inch gum tree; 200 ft from 24-inch cottonwood tree. BM 3050-A. MGL. (USE 99)	Cap 150.367 Bolt 146.371
<u>AVENUE LANDING.</u> BM is 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap; located on rt bank of Arkansas River; about 1 mi SW of; on inside of sharp bend in levee, in woods; about 700 ft W and 600 ft N of levee; above and below bend respectively. BM 3150-A. MGL. (USE 99)	Cap 143.753 Bolt 139.791
<u>AVENUE LANDING.</u> BM is 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap, located on rt bank of Arkansas River; about 1.5 mi N of; SW of lower end of Lake Jefferson; 1,000 ft back of levee; 850 ft W of small two-room house, in woods; on E bank of small bayou, 50 ft from edge of cultivated field; 15 ft from 12-inch post oak tree. BM 3000-A. MGL. (USE 99)	Cap 150.265 Bolt 146.358
<u>BEULAH LAKE.</u> Rt bank of Mississippi River; tile and pipe BM about 1.5 mi below mouth of Arkansas River, about 0.25 mi below point opposite outlet of Beulah Lake; about 220 meters from river bank in 1913, in large timber about 150 meters above old dry slough running back at rt angles to river. Referenced to blazed trees as follows: 24-inch cottonwood, 20 $^{\circ}$ - 3.9 meters; 6-inch mulberry, 140 $^{\circ}$ - 6.7 meters; 3-inch mulberry, 170 $^{\circ}$ - 3.7 meters; 14-inch cottonwood, 240 $^{\circ}$ -	

Name and description

Elev.
ft.

6.6 meters; 6-inch mulberry, 260° - 4.7
meters; 14-inch cottonwood, 280° - 4.9
meters. BM 52/C. MGL. (MRC 167) Cap 151.34
Bolt 147.39

BIG ISLAND. 392.0 river mi below Cairo, Ill.
Lat 33° 54' 19.27" (+594 m); long 91° 03'
57.36" (+1,474 m). PBM is on Big Island;
about 1.75 mi above mouth of White River; on
E side of old rd; on high ground with low
ground between BM and cottonwood trees in
front. It is used as a BM for mouth of White
River, US Engineer gage and cap on pipe 45.56
ft above zero of gage. Bolt in tile is 41.39
ft above zero of gage. MRC pipe on sandstone
slab. Included in 1934 level adjustment. Not
connected for position. MRC elev and position
used. 48-inch cottonwood W 165 ft. PBM Ewens
(MRC) MGL. (USE 92) Cap 154.321
Base 150.246

BIG ISLAND. 392.2 river mi below Cairo, Ill.
Lat 33° 53' 59.73" (+1,840 m); long 91° 03'
56.60" (+1,454 m). PBM is on Big Island on
rt bank of White River, about 1 mi above its
mouth; 1.5 mi along high bank above gage bulle-
tin board; 125 ft back of high bank, in woods;
top of pipe is 6 inches above ground. It is
used as BM for mouth of White River gage and
cap on pipe is 47.29 ft above zero of gage.
Bolt in tile is 43.32 ft above zero of gage.
MRC pipe and tile. MRC elev and position used
in 1934 adjustment. PBM Wolbrecht (1907)
(MRC) MGL. (USE 92) Cap 156.153
Base 152.179

BIG ISLAND. 393.5 river mi below Cairo, Ill.
Position not known. BM is on Big Island 1 mi
below mouth of White River; 2,000 ft below
mouth White River gage bulletin board; about
400 ft back of top bank in 1934. Standard
USED pipe and tile. BM 104 A (USE) MGL.
(USE 92) Cap 151.57
Base 147.58

References. 8-inch willow tree, 332° - 12.6
ft; 24-inch willow tree, 225° - 22 ft; 10-inch
leaning willow tree, 84° - 27 ft. MGL. (USE
92)

BIG ISLAND. 394.3 river mi below Cairo, Ill.

<u>Name and description</u>	<u>Elev. ft.</u>
Position not known. BM is on Big Island; about 2 mi below mouth of White River; 400 ft below lower end of small willow trees; at head of large timber; 500 ft back of top bank in 1934. (USE) Standard pipe and tile. BM 104 B (USE)	Cap 157.97 Base 153.99
<u>References.</u> 20-inch sycamore tree N 33° 45' - E 29 ft; 3-inch elm tree N 28° 07' - W 10.3 ft; 10-inch forked box elder tree N 22° 30' - W 8.9 ft; 16-inch elm tree S 11° 15' - W 24 ft. MGL. (USE 92)	
<u>BOGOTA.</u> Est. (MRC 139)	145.
<u>BRIDGEPORT LIGHT.</u> 398.0 river mi below Cairo, Ill. Lat 33° 49' 13.41" (+413 m); long 91° 03' 46.78" (+1,203 m). BM is about 1 mi above mouth of Arkansas River; behind bar and willow trees; about 2,130 ft back of small cottonwood trees; on old main bank; in cottonwood timber; about 1,800 ft N of chute of Island 73; 100 ft back of upper end of slough. BM is standard pipe and tile. (MRC). Not included in 1934 adjustment. MRC elev and position used. BM 51/c MRC. MGL. (USE 92)	Cap 151.36 Base 147.41
<u>References.</u> 20-inch cottonwood tree S 20 ft; 12-inch cottonwood tree, 70° - 28 ft; 14-inch cottonwood tree, 90° - 8 ft; 10-inch cottonwood tree, 210° - 37 ft; 20-inch cottonwood tree, 300° - 9 ft.	
<u>BURNETT.</u> BM is a 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River about 1 mi W of Burnett; SE of junction of old and new levees, 700 ft S of levee, 500 ft NW of bank of Lake Belcoe, 600 ft S of negro cabin, 650 ft NW of large corrugated iron barn, 12 ft E of field rd. BM 2100 A. MGL. (USE 99)	Cap 160.550 Bolt 156.583
<u>CAMPBELL'S FERRY.</u> 393.0 river mi below Cairo, Ill. Lat 33° 54' 37.0" (+1140 m); long 91° 08' 01.9" (+49 m). BM is near edge of E bank of Arkansas River at; about 16.5 mi above mouth of Arkansas River. BM is standard 4-inch iron pipe with brass cap. BM East Campbell's Ferry. MGL. (USE 92)	160.9

<u>Name and description</u>	<u>Elev. ft.</u>
<u>CAMPBELL'S FERRY EAST.</u> Brass cap on 4-inch iron pipe about 410 ft E of E bank of Arkansas River at; and about 400 ft E of PBM "East Campbell's Ferry." MGL. (USE 101)	160.795
<u>CAMPBELL'S FERRY.</u> PBM. Campbell's Ferry.. Brass cap on 4-inch iron pipe near edge of E bank of Arkansas river at; 16.5 mi above mouth of river. MGL. (USE 101)	159.195
<u>CAMPBELL'S FERRY.</u> PBM. "West Anderson No. 1." Brass cap on 4-inch iron pipe in clearing about 400 ft W of W bank of Arkansas River opposite; 16.5 mi above mouth, and about 100 ft E of an old front levee at this place. MGL. (USE 101)	155.410
<u>CAMPBELL'S FERRY.</u> PBM. "West Anderson No. 2." Brass cap on 4-inch iron pipe in clearing about 1,100 ft W of W bank of Arkansas River and about 570 ft W of old levee at; and 660 ft W of PBM "West Anderson No. 1." MGL. (USE 101)	154.206
<u>CAMPBELL'S FERRY.</u> PBM. "East Large Maple." Brass cap on 4-inch iron pipe about 260 ft E of E bank of Arkansas River, 3 mi below, and about 250 ft E of PBM "Large Maple." MGL. (USE 101)	154.738
<u>CAMPBELL'S FERRY.</u> PBM. "Large Maple." Brass cap on 4-inch iron pipe on E bank of Arkansas River, 3 mi below, and 13.5 mi above mouth of river. MGL. (USE 101)	153.551
<u>CAULK LANDING.</u> On rt bank of Mississippi River near middle of Caulk Point; about 0.87 mi SW of river bank at point 0.38 mi below old; about 0.75 mi W of river bank; in woods; on an old levee running SW and NE, 0.75 mi above angle in same. Top of stone 12 inches above ground. BM 56/3. MGL. (MRC 167)	149.11
<u>CAULK LANDING.</u> On rt bank of Mississippi River, on Caulk Point, about 0.75 mi S of old; on E side of an old field grown up with small timber; 6 meters W from W bank of an old chute following E side of clearing of old Caulk plantation; 419 meters NW of old levee. BM 56/4. MGL. (MRC 167)	149.84
<u>CAULK NECK.</u> Elev, Gulf Level, top of stone. Lat 33° 42' (+1766 m); long 91° 08' (+590 m). BM is stone post on rt bank of Mississippi River in Desha Co, Arkansas, near center of;	

<u>Name and description</u>	<u>Elev. ft.</u>
about 0.75 mi below point opposite foot of Catfish Towhead; about 1,300 meters back of present river bank in woods on ridge of bank of ditch, just back of deep slough; 15 meters from junction of slough with Fish Bayou; 350 meters above old field, top of stone was 6 ft above ground. Blazed trees as follows: 48-inch oak 60° - 2 meters; 44-inch oak 125° - 7 meters; 20-inch oak 206° - 10 meters. This BM was not connected in 1907 and 1908. BM 58/3. MGL. (MRC 167)	145.8
<u>CHICORA LANDING.</u> BM is 2-inch pipe flange bench with brass cap; top of pipe is about 14 inches above ground; on rt bank of Mississippi River; on landside of levee, about 0.25 mi back of; about 300 ft from c/l of levee; 2 mi above old Chicot City; in cotton field on W bank of small slough; E of 36-inch tree; 95 ft SE of old barn. BM 500 A. MGL. (USE 94)	140.111
<u>CHICORA LANDING.</u> BM is pipe flange bench with brass cap, top of pipe is about 14 inches above ground; located on rt bank of Mississippi River; about 1 mi above old site of Chicot City; about 0.5 mi S of Boston Lane; and 1,300 ft on land-side of levee; in yard and 20 ft from NW cor of house; house is surrounded by trees. BM 550 A. MGL. (USE 94)	139.540
<u>CHICORA LANDING.</u> On rt bank of Mississippi River; about 1,400 meters above old site of Chicot City; 600 meters back of river bank in 1913; about 200 meters back of new levee; about 40 meters NW of bank of prominent cypress swamp heading near river and extending back SW, in schoolhouse yard; 15.8 meters 140° from SW cor of schoolhouse. Cap on pipe. BM School. MGL. (MRC 167)	143.40
<u>CHICORA LANDING.</u> Top of stone on rt bank of Mississippi River; 2 mi above old Chicot City; about 580 meters back of river bank at; 250 meters back of levee in cotton field on E bank of small slough SW of cabin. Top of stone 4 inches above ground. BM 60/3. MGL. (MRC 167)	137.09
<u>CHICORA LANDING.</u> On rt bank of Mississippi River; 2 mi above old Chicot City; about 1,150 meters from river bank at; 0.5 mi back of levee, in woods, about 150 meters back of field; 40 meters N of slough and 500 meters W of its junction with another bayou running S. Top of stone	

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
12 inches above ground. BM 60/4. MGL. (MRC 167)	136.30
<u>CHUTE OF ISLAND 73.</u> Lat 33° 49' (+413.3 m); long 91° 03' (+1203.1 m). BM is tile and pipe on rt bank of Mississippi River in Desha Co; about 1 mi above mouth of Arkansas River behind bar and willow trees; about 650 meters back of small cottonwood trees, on old main bank in cotton- wood timber; about 550 meters NE of; 30 meters back of upper end of slough. Blazed trees as follows: 20-inch cottonwood S-6 meters; 12- inch cottonwood 70° - 8.5 meters; 14-inch cotton- wood 90° - 2.4 meters; 10-inch cottonwood 210° - 11.4 meters; 20-inch cottonwood 300° - 2.8 meters. BM 51/c. MGL. (MRC 167)	Cap 151.36 Bolt in tile 147.41
<u>COMBEYVILLE GAUGE.</u> Cap on 4-inch iron pipe near; at mouth of White River. See: Permanent Bench marks - "Cairo to the Gulf" by the Mississippi River Commission. PBM "B Wolbrecht": (MRC BM). MGL. (USE 101) Elev by Arkansas River Survey	156.024 Published elev 156.153
<u>CYPRESS CREEK (MOUTH).</u> On rt bank of Mississippi River; about 600 meters above, and 900 meters back of mouth of Cypress Creek, in woods; 210 meters back of creek where old levee crosses; 100 meters S of creek at point 200 meters above rt angle bend. Top of stone about 12 inches above ground. BM 59/4. MGL. (MRC 167)	142.42
<u>CYPRESS CREEK (MOUTH).</u> On rt bank of Mississippi River; about 2.5 mi above mouth of; directly across river from head of Catfish Point, on SW side of Caulk Neck, in woods; about 230 meters from river bank on lower side of neck, on old levee now nearly covered by deposit; 16 meters W of break in levee. Cap on pipe. BM Cypress Neck. MGL. (MRC 167)	148.43
<u>DEERFIELD.</u> At station. (MP 243)	163.0
<u>DEERFIELD.</u> 366.0 river mi below Cairo, Ill. In town of; brass nail and copper washer in E root of 24-inch elm tree; 80 ft W of St Hwy 85; 100 ft S of E and W cross rd. TBM 8-C. MGL. (USE 92)	157.09

<u>Name and description</u>	<u>Elev. ft.</u>
<u>DEERFIELD.</u> 366.0 river mi below Cairo, Ill. In town of; brass nail and copper washer in N root of 28-inch elm tree; 150 ft W of St Hwy 85; 50 ft S of E and W dirt rd; across rd from 1½ story house built on stilts. TBM 9-C. MGL. (USE 92)	156.55
<u>DEERFIELD.</u> 366.5 river mi below Cairo, Ill. About 1 mi S of town of; brass nail and copper washer in N root of 14-inch pecan tree, back of borrow pits; on N bank of small slough; 500 ft N of point where St Hwy 85 crosses Laconia Circle levee; 120 ft W of c/1 of hwy. TBM 10-C. MGL. (USE 92)	154.03
<u>DEER PARK.</u> At station. (MP 243)	144.2
<u>DESOTO LANDING.</u> BM is a 2-inch pipe flange bench with brass cap on rt bank of Mississippi River; on landside of levee and 0.5 mi back of; about 300 ft back of levee; in woods across from rd that parallels c/1 of levee; about 2 mi N of N end of Cypress Bend Revetment; blazed trees around BM. BM 400-A. MGL. (USE 94)	139.658
<u>DESOTO LANDING.</u> On rt bank of Mississippi River; about 2 mi below mouth of Cypress Creek, 700 meters directly back of; at edge of scattering timber near fence line back of rd; 135 meters back of junction of old and new levees where old levee runs out to river; 40 meters SW of pond; 60 meters NW of house. Cap on pipe. BM DeSoto. MGL. (MRC 167)	139.56
<u>DESOTO LANDING.</u> BM is a 2-inch pipe flange bench with brass cap, on rt bank of Mississippi River; on landside of levee about 1.5 mi S of; about 0.75 mi back of Chicora Landing; about 0.5 mi W of upper end of Cypress Bend Revetment; in woods across from rd that runs parallel to levee. Blazed trees around BM. BM 450-A, MGL. (USE 94)	139.416
<u>DESOTO LANDING.</u> On rt bank of Mississippi River; back of; 2 mi below mouth of Cypress Creek; about 685 meters back of river bank; about 170 meters back of levee at point; 270 meters above where old levee runs out to river, in timber back of rd and fence; about 170 meters above two buildings. BM Lucca. MGL. (MRC 167)	141.60
<u>DUMAS.</u> See Silver Lake Landing. (USE 44)	

Name and description	Elev. ft.
<u>DUMAS.</u> Station. (MP 243)	165.5
<u>DUMAS.</u> In town of; pipe stone bench with brass cap 5 inches above ground, at intersection of Court and Waterman Streets; in SW cor of public school campus; N of Baptist Church; 88 ft N of intersection of c/1 of streets. BM 9 AR. MGL. (USE 165)	165.941
<u>DUMAS.</u> In town of; pipe stone bench with brass cap 1 ft above ground; at intersection of Court and Bowles Streets; in NW cor of Joe Nuckles' yard; 2.5 ft inside from cor post. BM 10 AR. MGL. (USE 165)	164.706
<u>DUMAS.</u> Pipe stone bench with brass cap 8 inches above ground; about 6.5 mi NE of; on S side at E end of Silver Lake; 75 ft W of toe of levee; 20 ft W of fence cor and 3 ft N of E and W fence. BM 18 AR. MGL. (USE 165)	163.929
<u>EL CENTRAL.</u> Est. (MRC 140)	150.
<u>GOODRICH LANDING.</u> On rt bank of Mississippi River, lower side of Caulk Neck, about 0.75 mi below point opposite foot of Catfish Towhead, on old river bank back of chute nearly grown up with willow and cottonwood trees; 810 meters back of present river bank; just S of canebrake about 0.5 mi above old Wilkerson plantation and old Goodrich Landing. Cap on pipe. BM 53/c. MGL. (MRC 167)	147.14
<u>GROVELAND.</u> Est. (MRC 139)	120.
<u>HALLEY.</u> Station. (MP 243)	145.0
<u>HALLSTEAD.</u> Est. (MRC 152)	145.
<u>HENRICO.</u> See Henrico Bar. (USE 92)	
<u>HENRICO.</u> See Henrico Landing. (USE 92)	
<u>HENRICO BAR.</u> 382.4 river mi below Cairo, Ill. Position not known. BM is at foot of Henrico Bar; opposite head of Scrubgrass Towhead, in woods; 250 ft back of top bank in 1934; 4 ft W of trail running parallel with river. BM is standard USE pipe and tile. BM 96 B (USE). MGL. (USE 92)	163.22 159.28

<u>Name and description</u>	<u>Elev. ft.</u>
<p><u>References.</u> 16-inch pecan tree S 29° 15' - E 8 ft; 8-inch hackberry tree S 56° 15' - 6.8 ft; 8-inch hackberry tree N 16° 52' - E 15 ft; 18-inch sycamore tree N 29° 15' - 24 ft.</p>	
<p><u>HENRICO BAR.</u> 381.6 river mi below Cairo, Ill. Position not known. BM is on lower part of Henrico Bar; about 0.75 mi above head of Scrubgrass Towhead; 300 ft back of top bank in 1934; in willow thicket; about 200 ft above 1934 position of Henrico Bar Light. BM is USE standard pipe and tile. BM 96 A (USE). MGL. (USE 92)</p>	<p>Cap 155.62 Base 151.64</p>
<p><u>HENRICO LANDING.</u> 0.25 mi above; on rt bank of Mississippi River; 100 ft from levee and high water gage 114; on nearest one to levee of two pillars in front of and nearest to walk leading from levee to Henrico store; on top of horizontal face of upper one of two projecting courses of brick at base of pillar. Square cut in brick. MGL. (USE 49)</p>	<p>156.990</p>
<p><u>HENRICO LANDING.</u> 380.8 river mi below Cairo, Ill. Elev zero of gage is MGL. Lat 34° 00' 55"; long 91° 01' 22". Gage is in 2 vertical secs, A, 172 to 180 ft and B, 161 to 173 ft, spiked to 6 inch by 6 inch posts on slope of levee; below ramp on outer side of levee; HW Gage 114, 1,000 ft below levee milepost 61/62. TBM Anne is 60 penny nail driven horizontally 4 ft above ground in a blaze on lower levee face of 18-inch hackberry tree. TBM Lotha is 60 penny nail driven horizontally 4 ft above ground in triangular blaze of 40-inch elm tree; 200 ft in front of gage. The above TBM used at inspections. MGL. (USE 92)</p>	<p>TBM Anne 160.52 TBM Lotha 161.27</p>
<p><u>HENRICO LANDING.</u> 1 mi below; on rt bank of Mississippi River; 0.75 mi below pumping station on inner side of levee at Double Cabin Lake or Bobs Bayou which is just below store and HW Gage 114 at M. A. Martin's house; 0.75 mi above upper end of chute back of Scrubb Grass Towhead; on E side of lane that runs back from levee through plantation. Brass cap on iron cap set on concrete tile and called BM 46/c. MGL. (USE 49)</p>	<p>Cap 157.920 Bolt 153.930</p>

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<p><u>HENRICO LANDING.</u> 377.8 river mi below Cairo, Ill. Lat $34^{\circ} 00' 45.95''$ (+1,416 m); long $91^{\circ} 00' 43.56''$ (+1,118 m). BM is about 1.25 mi below Henrico Landing; back of Henrico Bar; 390 ft back of levee at a point 1,950 ft below WRLD mile stone 60/61; on Patrick Henry plantation owned by M. A. Martin; W of plantation quarters. MRC elev used in 1934 adjustment; not connected for position in 1934. MRC position used. BM Henrico. (MRC) MGL. (USE 92)</p>	Cap 159.90 Base 155.92
<p><u>HENRICO LANDING.</u> 378.0 river below Cairo, Ill. TBM is E root of blazed 60-inch water oak tree 30 ft N of BM Henrico. TBM is nail and washer. TBM 18 C. MGL. (USE 92)</p>	157.97
<p><u>HENRICO LANDING.</u> 379.7 river mi below Cairo, Ill. BM is about 2.5 mi below Henrico Landing; about 0.5 mi below head of Henrico Bar; 500 ft back of bluff bank of bar; on upper side of cottonwood grove which comes out in a neck shape. USED pipe and tile. Lower sec of float gage 114 SW 60 ft; 8-inch cottonwood tree $170^{\circ} 00'$ - 39.2 ft; 7-inch cottonwood tree $180^{\circ} 00'$ - 42.9 ft; 12-inch cottonwood tree $333^{\circ} 00'$ - 47 ft. BM 91 (USE). MGL. (USE 92)</p>	Cap 167.41 Base 163.42
<p><u>HENRICO LANDING.</u> 376.8 river mi below Cairo, Ill. About 0.25 mi above Henrico Landing; in edge of rds at lower side of clearing; 300 ft back of top bank in 1934; 200 ft in front of levee; in river face of 12-inch cottonwood tree. Brass nail and copper washer. TBM 16 V. MGL. (USE 92)</p>	160.67
<p><u>HENRICO LANDING.</u> 377.5 river mi below Cairo, Ill. TBM is on W root of blazed 14-inch locust tree, about 1 mi NE of BM Henrico and 300 ft back of landside toe of levee; on N side of field rd 25 ft NE of large (72-inch) cottonwood tree. TBM is nail and washer. TBM 17 C. MGL. (USE 92)</p>	158.21
<p><u>HOLLY RIDGE LANDING.</u> On rt bank of Mississippi River, on upper side of Caulk Point; about 2 mi below present Holly Ridge Landing; about 0.25 mi above old Caulk Point Plantation, in woods; about 450 meters back of river bank in 1913. Cap on Pipe. BM 55/4. MGL. (MRC 167)</p>	147.72

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<u>HOME LANDING.</u> Top of stone on rt bank of Mississippi River on Jersey Point; about 4 mi below point opposite Bolivar, Miss. opposite point about 0.75 mi above head of Catfish Towhead and 0.75 mi below Home Landing; about 600 meters from river bank; about 200 meters back of an old levee, at edge of large timber at back of abandoned field, now grown up in brush, on old Williams plantation, on S bank of old slough; 25° 215 meters from old brick cistern standing in brush in front of old levee. BM 57/3. MGL. (MRC 167)	143.41
<u>ISLAND 68.</u> 364.5 river mi below Cairo, Ill. Lat 34° 07' 24.48" (+751 m); long 90° 57' 46.84" (+1200 m). BM is back of foot of Island 68; about 0.5 mi W of river bank; between old and new levees; 1,080 ft below end of levee on lower side of Ferguson Crevasse; 525 ft in front of new levee at a point 2,400 ft above milepost 49/50; 660 ft back of SW angle of a loop of old levee; almost on line with lower end of loop. BM is standard MRC 4-inch pipe and tile. See BM R-119.2-1. Witness trees gone. BM 40/c (MRC). MGL. (USE 92)	Cap 162.05 Base 158.05
<u>ISLAND 68.</u> 364.5 river mi below Cairo, Ill. Lat 34° 07' 24.20" (+746 m); long 90° 57' 46.60" (+1194 m). BM is on main bank of river bank of foot of Island 68; opposite head of Knowlton Revetment; between old spur and main levee; 525 ft in front of main bank at a point 2,430 ft below milepost 49/50. This mark is set near and takes place of BM 40/d which has been disturbed and is covered up. BM is standard USED 4-inch pipe and tile. BM R-119.2-1 (USE). MGL. (USE 92)	Cap 163.06 Base 159.13
<u>ISLAND 68.</u> 364.3 river mi below Cairo, Ill. Lat 34° 07' 38.30" (+1180 m); long 90° 57' 39.04" (+1000 m). BM is about 1,000 ft above head of Knowlton Revetment; 600 ft below foot of Island 68; 125 ft back of top bank in timber. BM 220+00 Knowlton BL (USE). MGL. (USE 92)	Cap 165.81 Base 161.85
<u>ISLAND 69.</u> 367.5 river mi below Cairo, Ill. Lat 34° 04' 46.13" (+1421 m); long 90° 55' 07.36" (+189 m). BM 41/d is directly W of	

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<p>Island 69; on rt bank of chute of Island 69, about 660 ft from bank of chute; in woods; 3,350 ft E of levee, at a point 2,950 ft above milepost 53/54, and 920 ft below angle in rd where it turns from levee. Not connected in 1934. MRC position and elev used. BM is standard MRC 4-inch pipe and tile. BM 41/d</p>	
MRC. MGL. (USE 92)	
Cap	163.98
Base	159.97
<p><u>References.</u> 10-inch pecan tree 50° - 14 ft; 14-inch hackberry tree 120° - 25 ft; 24-inch box elder tree 150° - 7 ft; 12-inch sycamore tree 220° - 21 ft. MGL. (USE 92)</p>	
<p><u>ISLAND 69.</u> 370.5 river mi below Cairo, Ill.</p>	
<p>Lat 34° 03' 14.79" (+456 m); long 90° 54' 20.27" (+520 m). BM Burtnette is on old E bank of Island 69; just below central portion; opposite a point 1.5 mi above Mason Landing; on second ridge in timber which was partly cleared; about 492 ft back of old sand bar. BM is stone post surmounted with iron pipe. Not connected in 1934. MRC position and elev used. MGL. (USE 92)</p>	
Cap	165.63
Base	161.63
<p><u>ISLAND 69.</u> 370.5 mi below Cairo, Ill. Lat 34° 03' 28.10" (+866 m); long 90° 54' 52.15" (+1337 m). BM 43/3 is on W side of Island 69; about midway between head and foot; about 1.75 mi above Laconia; in clearing on ridge; about 3,280 ft back of bank behind bar; and about E from bank of chute. BM is a stone post not connected in 1934. MRC position and elev used. MGL. (USE 92)</p>	
	159.71
<p><u>References.</u> 14-inch pecan tree 110° - 21 ft; 12-inch pecan tree 180° - 17 ft; 12-inch pecan tree 260° - 15 ft; 3-inch box elder tree 310° - 9 ft. BM Burtnett 296° 38' - 3,000 ft; BM 42/4 116° 34' - 3,340 ft. MGL. (USE 92)</p>	
<p><u>ISLAND 69.</u> About 2 mi above head of; 2,600 ft above upper end of Knowlton Crevasse of 1913; 1,000 ft SE of church; 625 ft W from river bank; in SE cor of small pecan grove that is used as a graveyard. Brass cap on iron pipe set on concrete tile and called BM Gage 117. MGL. (USE 63)</p>	
Cap	163.940
Bolt	159.940

<u>Name and description</u>	<u>Elev. ft.</u>
<u>JERSEY POINT.</u> Lat $33^{\circ} 41'$ ($+1.3$ m); long $91^{\circ} 07'$ ($+340.8$ m). BM is stone post surmounted with iron pipe on rt bank of Mississippi River at; across river from high ground on Catfish Towhead in woods on edge of old river bank; about 60 meters back of river bank in 1913; 100 meters above old field, now grown up with brush; 215 meters in front of old levee; surrounding trees are blazed with triangles facing BM. BM Jersey Point. MGL. (MRC 167)	Cap on pipe 143.17 Top of stone 139.21
<u>JUG HARRIS TOWHEAD.</u> 362.9 river mi below Cairo, Ill. Lat $34^{\circ} 09'$ $33.05''$ ($+1018$ m); long $90^{\circ} 58'$ $04.01''$ ($+103$ m). BM is back of; about 1.75 mi above foot; 1,100 ft back of bank of chute; 2,300 ft above pecan timber; 3,300 ft E of MP RR, at N end of cemetery; in fence line; 16 ft back of foot of levee; back of rd on land of Ferguson and Company. BM is standard USED 4-inch pipe and tile. 14-inch pecan tree 140° - 22 ft. MRC elev used in 1934 adjustment. Not connected for position. MRC position used. BM Gage 118. MRC. MGL. (USE 92)	Cap 165.15 Base 161.16
<u>KELSO.</u> Station. (MP 243)	150.9
<u>KELSO.</u> 0.5 mi N of; on W side of MP RR, in NE cor of yard of house, just S of old store building, 13.3 ft SE of SE cor of store porch and 26.3 ft NE of NE cor of house porch. Pipe stone bench with brass cap 1.3 ft above ground. BM 3A. MGL. (USE 165)	147.791
<u>KELSO SPUR.</u> Station. (MP 243)	149.4
<u>KLONDIKE LIGHT.</u> 394.3 river mi below Cairo, Ill. Position not known. BM is on Big Island; 3.25 mi below mouth of White River; about 4,000 ft above Klondike Light in 1934; in large timber 300 ft above head of small willow trees; 300 ft back of top bank in 1934. BM is standard USED pipe and tile. BM 109A (USE). MGL. (USE 92)	Cap 155.61 Base 151.63
<u>References.</u> 16-inch sycamore tree 239° - 25 ft; 18-inch box elder tree 34° - 20.5 ft; 10-inch elm tree 194° - 22 ft. MGL. (USE 92)	
<u>KNOWLTON.</u> See Island 68. (USE 92)	

Name and description	Elev. ft.
<u>KNOWLTON.</u> See Island 69. (USE 63)	
<u>KNOWLTON.</u> See Ludlow Field. (USE 92)	
<u>KNOWLTON LANDING.</u> 365.7 river mi below Cairo, Ill. TBM Float 117 is spike in notch in upper face of 5-inch willow tree; 1 ft above ground on slope of levee at HW Gage 117; 1,300 ft below WRLD milepost 40/51. MGL. (USE 92)	169.86
<u>KNOWLTON LANDING.</u> 365.8 river mi below Cairo, Ill. Lat 34° 06' 22"; long 90° 56' 32". Gage is automatic float type in two secs, graduated on face; sec A, 176 to 186 ft; sec B, 169 to 177 ft spiked to 4 by 6-inch posts on slope of levee, about 1,300 ft below levee milepost 60/51 and just below angle in levee at; TBM Float is used at inspections, and is spike 1 ft above ground in notch in upper face of 5-inch willow tree on slope of levee at gage. HW Gage 117A. MGL. (USE 92)	170.00
<u>KNOWLTON LANDING.</u> 366.2 river mi below Cairo, Ill. Lat 34° 06' 04"; long 90° 56' 09". Gage is in one sec on river face of 24-inch pecan tree; 35 ft above BM Gage 117; TBM Bones and BM Gage 117 used at inspection. TBM Bones is top of head of boat spike driven vertically in notch in river root of gage tree; 1 ft above ground. See description of BM Gage 117. MGL. (USE 92)	163.46
<u>KNOWLTON LANDING.</u> 364.9 river mi below Cairo, Ill. Lat 34° 06' 58.73" (+1810 m); long 90° 57' 25.41" (+651 m). BM 182-00 Knowlton BL is near large lone pecan tree; about 700 ft below milepost 49/50; about 450 ft below angle in levee. BM is standard USED 4-inch pipe and tile. MGL. (USE 92)	173.70 169.36
<u>KNOWLTON LANDING.</u> 365.4 river mi below Cairo, Ill. Lat 34° 06' 42.61" (+1313 m); long 90° 57' 01.74" (+45 m). BM 156-00 off Knowlton BL (USE) is about 100 ft in front of levee and 200 ft from top bank; approximately 3,300 ft below milepost 49/50. BM is standard USED 4-inch pipe and tile. MGL. (USE 92)	160.75 156.37

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<p><u>KNOWLTON REVETMENT.</u> 360.2 river mi below Cairo, Ill. Lat $34^{\circ} 06' 03.52''$ (± 109 m); long $90^{\circ} 56' 12.19''$ (± 312 m). BM is about 2 mi above head of Island 69; 0.25 mi above foot of revetment; just below 1927 crevasse; about 1,000 ft back of river bank; in old field; in small pecan grove used as graveyard; about 750 ft in front of main levee at LMP 51/52. BM is standard MRC 4-inch pipe and tile. BM Gage 117. MRC. MGL. (USE 92) Cap</p>	163.94
	Base 159.94
<p><u>Reference.</u> 20-inch pecan tree NW 37.4 ft. MRC position and elev used in 1934 adjustment. MGL. (USE 92)</p>	
<p><u>KNOWLTON REVETMENT.</u> 366.3 river mi below Cairo, Ill. Lat $34^{\circ} 06' 07.54''$ (± 232 m); long $90^{\circ} 55' 59.10''$ (± 1515 m). BM 92-00 Knowlton BL is 250 ft back of upper part of old levee; 300 ft below lower end of revetment; about 1,100 ft E of BM Gage 117 and 600 ft below lower end of crevasse. BM is standard USED 4-inch pipe and tile. MGL. (USE 92) Cap</p>	164.09
	Base 160.17
<p><u>KURDO.</u> Station. (MP 243)</p>	153.3
<p><u>LACONIA.</u> See Island 69. (USE 92)</p>	
<p><u>LACONIA.</u> 375.0 river mi below Cairo, Ill. Lat $34^{\circ} 02' 10.63''$ (± 327 m); long $90^{\circ} 57' 25.34''$ (± 650 m). BM is about 1 mi below; 0.25 mi above Laconia Landing; 0.5 mi back of river bank; on Meecham Plantation; about 2,035 ft NW levee, at an angle 3,280 ft below lower side of Laconia Crevasse; in cotton field; 620 ft back of old levee; 575 ft directly back of house with tin roof. Wagon tongue is set by stone. BM is stone post. MRC elev and position used in 1934 adjustment. Pipe with cap 1 ft E of stone BM 43/3 set in 1930. Elev of bolt in tile not known. BM 43/3 (MRC). MGL. (USE 92) Stone</p>	156.55
	Cap on pipe 1 ft E 157.92
	MGL. (USE 63) 156.548
<p><u>Reference.</u> 30-inch pecan tree 70° - 281 ft; BM 43/4 $137^{\circ} 38'$ - 2,677 ft.</p>	
<p><u>LACONIA.</u> 374.0 river mi below Cairo, Ill. Lat $34^{\circ} 02' 50.46''$ (± 1555 m); long $90^{\circ} 56' 09.64''$ (± 247 m). BM is about 1 mi SE of; 0.25 mi N of Laconia Circle; 991 ft N of WRLD milepost 55/56.</p>	

<u>Name and description</u>	<u>Elev. ft.</u>
Standard pipe and tile. Position from low water survey. BM R 119.2-13. MGL. (USE 92)	158.9
<u>Reference.</u> Pecan tree NE 40 ft; pecan tree SE 30 ft.	
<u>LACONIA.</u> 1.75 mi above; 3,300 ft back of bank behind bar; on western side of Island 69; about midway between head and foot; in clearing on ridge. Stone post. MGL. (USE 63) Top of stone	159.710
<u>LACONIA BEND LANDING.</u> 377.5 river mi below Cairo, Ill. Lat 34° 00' 38.45"; long 91° 00' 04.04". No description available. See description of BM 89. BM 89 C. MGL. (USE 92) Cap Base	158.21 154.24
<u>References.</u> BM 89 distance 806 ft azimuth 291° 49'; 18-inch locust tree 32 ft azimuth 212° 21'; 6-inch ash tree 34 ft azimuth 288° 15'; 8-inch ash tree 10 ft azimuth 350° 15'.	
<u>LACONIA CIRCLE.</u> 375.0 river mi below Cairo, Ill. In Laconia Circle; in N root of 12-inch locust tree that is 45 ft W of BM Thornton. TBM 11 C. MGL. (USE 92)	159.43
<u>LACONIA CIRCLE.</u> 375.0 river mi below Cairo, Ill. In front yard of residence of J. H. Thornton; 1.5 ft W of front steps and 1.5 ft N of N edge of porch. Top of pipe is 10 inches above ground. USED pipe and tile. Brass cap is stamped R 119.2-16. MGL. (USE 92)	164.49
<u>LACONIA CIRCLE.</u> 375.0 river mi below Cairo, Ill. BM is inside, on land owned by J. H. Thornton; 600 ft E of point where Arkansas St Hwy 85 crosses levee; 500 ft W of Thornton store, 450 ft from toe of levee; 2 ft N of N fence around barn lot. Top of pipe 1 ft above ground. BM is MRC pipe and tile. BM Thornton. MGL. (USE 92) Cap Base	160.29 156.28
<u>Reference.</u> 12-inch locust tree 45 ft W; 30-inch locust tree 50 ft E.	
<u>LACONIA CIRCLE.</u> 375.5 river mi below Cairo, Ill. TBM is in; about 1 mi S of point where St Hwy crosses Laconia Circle levee; on E side of rd; S of T intersection of rd that leads to levee	

<u>Name and description</u>	<u>Elev. ft.</u>
at Laconia store; on land of P. B. Martin; opposite a point half way between barn on mound and school building on W side of rd. Mark is brass nail and copper washer in W foot of 30-inch pecan tree. TBM 12 C. MGL. (USE 92)	159.86
<u>LACONIA CIRCLE.</u> 376.0 river mi below Cairo, Ill. TBM is in; in pasture in front of P. B. Martin's residence; 150 ft W of rd along bayou; 12 ft S of N pasture fence; a brass nail and copper washer in NE root of 30-inch elm tree. TBM 13 C. MGL. (USE 92)	159.06
<u>LACONIA CIRCLE.</u> 376.0 river mi below Cairo, Ill. TBM is in; 600 ft S of TBM 13 C; 300 ft N of barn on mound that is in SE cor of pasture; 30 ft N of rd along bayou; a brass nail and copper washer in NE root of 32-inch sweet gum tree. TBM 14 C. MGL. (USE 92)	161.08
<u>LACONIA CIRCLE.</u> 376.5 river mi below Cairo, Ill. TBM is in; 0.5 mi S of P. B. Martin's residence to Henrico Landing; 25 ft N of field rd that makes T intersection at TBM; brass nail and copper washer in E root of 12-inch sycamore tree. TBM 15 C. MGL. (USE 92)	158.35
<u>LACONIA CIRCLE.</u> 377.0 river mi below Cairo, Ill. Brass nail and copper washer on N root of blazed 20-inch pecan tree; 31 ft NE of BM Circle. TBM 16 C. MGL. (USE 92)	157.84
<u>LACONIA CIRCLE.</u> 377.0 river mi below Cairo, Ill. BM is in; on P. B. Martin's plantation; 1 mi above lower end of new (1934) levee loop ending at WRLD milepost 60/61; 500 ft back of levee; 40 ft S of rd that runs from levee across Double Cabin Bayou to Martin's residence; 25 ft NE of NE cor of oil well derrick. BM is MRC pipe and tile. BM Circle. MGL. (USE 92)	Cap Base 158.41 153.40
<u>Reference.</u> Blazed 20-inch pecan tree NE 31 ft.	
<u>LACONIA CIRCLE.</u> 382.0 river mi below Cairo, Ill. Lat 34° 02' 36.00" (+1109 m); long 91° 03' 09.2" (+236 m). BM is about 2 mi SW along MP RR from Snow Lake in; on Indian Mound in NW angle of levee and RR; 365 ft from center of levee measuring 404 ft below milepost 64/65; 200 ft W of RR. BM is standard USED 4-inch pipe and tile. Position and elev from low water survey.	

<u>Name and description</u>	<u>Elev. ft.</u>
BM R 119.2-14 (USE). MGL. (USE 92) Cap	167.40
Base	163.50

LACONIA CREVASSE. 376.7 river mi below Cairo, Ill. Lat 34° 00' 24.50" (+755 m); long 90° 58' 30.72" (+790 m). Directly opposite Laconia Crevasse of 1927; 760 ft back of main bank at 0.5 mi below point opposite Laconia Revetment. BM is USED standard pipe and tile. Brass cap is stamped BM 90. MGL. (USE 92) Cap 161.89
Base 157.93

References. Blazed 6-inch cottonwood tree 134° 14' - 34 ft; blazed 8-inch cottonwood 234° 50' - 57 ft; 6-inch cottonwood tree 332° 30' - 48 ft.

LACONIA LANDING. Directly opposite; 3,400 ft in front of main levee; 3,300 ft above upper end of loop at old Sledge crevasse. About 2,600 ft below Dennis Landing; on Hurricane Point. Brass cap on iron pipe set in concrete tile and called PBM 43/b. MGL. (USE 63) Cap 157.698
Bolt in tile 153.690

LACONIA LANDING. 375.5 river mi below Cairo, Ill. Lat 34° 01' 38"; long 90° 58' 00". Gage is in three vertical secs A, 176 to 182 ft; B, 168 to 176 ft and C, 165 to 168 ft; spiked to 4 by 6 posts on slope of levee; 1,850 ft below. Landing is at head of willow trees; 800 ft from river bank; directly back of heavy timber at foot of field. BM is small square spike, 4 ft above ground; in river face of 36-inch live oak tree about 100 ft back of levee; in grove of large pecan trees, directly back of gage. Elev 161.76. BM Camp is top of head of 40 penny wire nail driven horizontally in triangular blaze in levee face of 24-inch sycamore tree, 3 ft above ground. Tree is 10 ft back of base of levee. These TBM'S are to be tried in 1935 for better elev. HW Gage 115. Zero of gage is MGL. MGL. (USE 92) BM Camp 163.29

LACONIA LANDING. 376.3 river mi below Cairo, Ill. Lat 34° 01' 20.72" (+638 m); long 90° 58' 37.34" (+958 m). BM is about 0.75 mi below; at foot of revetment; on river slope of old levee; on river side of rd; about 500 ft below junction of first and second levee from river; 50 ft back of top bank of river. USED pipe and tile. Cap stamped 61-55 Laconia BL. MGL. (USE 92) Cap 178.85
Base 174.88

<u>Name and description</u>	<u>Elev. ft.</u>
<p><u>LACONIA REVETMENT.</u> 375.6 river mi below Cairo, Ill. Lat $34^{\circ} 01' 35.47''$ (+1,093 m); long $90^{\circ} 58' 03.96''$ (+102 m). BM is about 1,700 ft above upper end of; 550 ft in front of levee. USED standard pipe and tile. Brass cap on pipe is stamped BL Sta 30 Laconia. MGL. (USE 92)</p>	
Cap	164.07
Base	160.08
<p><u>LACONIA REVETMENT.</u> 377.5 river mi below Cairo, Ill. Lat $34^{\circ} 00' 35.49''$ (+1,093 m); long $90^{\circ} 59' 55.15''$ (+1,415 m). BM is about 1.5 mi below foot of; about 0.5 mi below head of timber; in grove of large sycamore trees; 580 ft back of top bank in 1934; 170 ft below dry slough or wash. USED pipe and tile. Top of pipe is 15-inches above ground. BM 89. MGL. (USE 92)</p>	
Cap	163.68
Base	159.71
<p><u>References.</u> 40-inch sycamore tree $31^{\circ} 00'$ - 55 ft; 36-inch sycamore tree $175^{\circ} 00'$ - 35 ft.</p>	
<p><u>LACONIA REVETMENT.</u> 378.3 river mi below Cairo, Ill. BM is about 2 mi below; at foot of tall cottonwood timber and head of small willow trees on head of Henrico Bar; 400 ft back of top bank in 1934; on sand ridge in grove of large cottonwood trees. USED pipe and tile. BM 89-A. MGL. (USE 92)</p>	
Cap	164.74
Base	160.82
<p><u>References.</u> 18-inch cottonwood tree N $67^{\circ} 30'$ - E 29.7 ft; 22-inch cottonwood tree S $29^{\circ} 15'$ - W 24 ft; 16-inch cottonwood tree S $78^{\circ} 45'$ - W 26 ft; 15-inch cottonwood tree N $74^{\circ} 15'$ - W 15.5 ft.</p>	
<p><u>LACY.</u> Est. (MRC 166)</p>	150.
<p><u>LAGRUE RIVER.</u> Near a point where Lagrue and White Rivers join; on rt bank of White River and lt bank of Lagrue River; about 35 ft from edge of either bank; 52 ft NE of 12-inch pecan tree. Brass cap on iron pipe called BM No. 5. MGL. (USE 49)</p>	142.1
<p><u>LAKE CHARLES LANDING.</u> 358.0 river mi below Cairo, Ill. Lat $34^{\circ} 09' 18.56''$ (+572 m); long $90^{\circ} 52' 10.22''$ (+262 m). BM is about 1 mi below mouth of Chute of Island 66; about 330 ft above point opposite rt angle in old levee back of Lake</p>	

<u>Name and description</u>	<u>Elev. ft.</u>
Charles Landing; 390 ft W of house; about 50 ft from top of bank; 1 ft E of N and S woods rd. BM is stone post. BM Mohawk. MGL. (USE 92)	Cap 168.28 Base 164.26
<u>References.</u> BM 38/c 285° 04' - 758 ft; 4-inch sycamore tree 30° - 16 ft; 12-inch sycamore tree 120° - 31 ft; 10-inch gum tree 220° - 45 ft.	
<u>LAKE CONCORDIA.</u> 384.6 river mi below Cairo, Ill. Position not known. BM is about 2.5 mi above mouth of drain from Lake Concordia; 0.75 mi above BM Nameless; 350 ft back of top bank in 1934; in thick underbrush. BM is standard USE pipe and tile. Brass cap is stamped BM 98 A. BM 98 A3. MGL. (USE 92)	Cap 154.67 Base 150.72
<u>References.</u> 40-inch cottonwood tree S 61° 52' - E 70 ft; 24-inch cypress tree S 33° 45' - W 22 ft; 10-inch box elder S 50° 36' - W 30 ft.	
<u>LAKE JEFFERSON.</u> Brass cap on 4-inch iron pipe located on top of old levee in woods about 1,000 ft W of W bank of Arkansas river in lat of lower bend of Lake Jefferson and about 9.5 mi above mouth of river. PBM "Old Levee." MGL. (USE 101)	156.882
<u>LEAR.</u> Station. (MP 243)	162.7
<u>LITTLE ISLAND CHUTE.</u> Directly opposite mouth of; 10 ft from point of high rt bank of White River; 85 ft SW of 24-inch elm tree; 25 ft SE of 20-inch bitter pecan tree; 21 ft NW of 12-inch persimmon tree; each tree marked with triangle cut about 4.5 ft above ground. Brass cap on iron pipe called BM No. 3. MGL. (USE 49)	147.2
<u>LITTLE RED LIGHT.</u> 383.9 river mi below Cairo, Ill. Lat 33° 59' 33.52" (+1033 m); long 91° 05' 05.15" (+132 m). BM is about 150 ft S of bank of Bayou or S arm of old Half Moon Lake; on E side of fence on back edge of field. BM is standard MRC pipe and tile. Not connected in 1934. MRC position and elev used. MGL. (USE 92)	Cap 158.61 Base 154.64

<u>Name and description</u>	<u>Elev. ft.</u>
<u>References.</u> 14-inch cottonwood tree S 58 ft; 12-inch cottonwood tree 40° - 43 ft; 10-inch persimmon tree 170° - 20 ft; 10-inch oak tree 320° - 61 ft.	
<u>LORAY.</u> Station. (MP 243)	163.4
<u>LUCCA LANDING.</u> BM is 3½-inch pipe stone bench with brass cap, located on rt bank of Mississippi River; back of Lucca Landing. About 680 ft W of point where rd crosses levee to landing, on DeSoto Plan- tation, 20 ft S of graded rd, 225 ft SW of house. BM 300-A. MGL. (USE 96)	Cap 141.695 Bolt 137.741
<u>LUCCA LANDING.</u> BM is 2-inch pipe flange bench with brass cap, located on rt bank of Mississipp- pi River; about 1 mi below Lucca Landing. About 1,500 ft N of rd turning W from levee, 390 ft W of levee in woods. BM 350-A. MGL. (USE 96)	139.985
<u>LUCCA LANDING.</u> On rt bank of Mississippi River; about 1.25 mi above Lucca Landing; about 0.25 mi above mouth of Cypress Creek, in woods about 350 meters from river bank in 1913; 115 meters from lt bank of creek at point 200 meters above mouth of Opossum Fork Bayou on opposite side; 107 meters E of point, 410 meters below where old levee intersects creek. Top of stone 6 inches above ground. BM 59/3. MGL. (MRC 167)	142.02
<u>LUDLOW FIELD.</u> 360.5 river mi below Cairo, Ill. BM is on river bank just above Ludlow Field; opposite point on Mississippi River bank where old levee turns S away from river; 800 ft back of river bank; 400 ft back of second bank; in corn field at edge of timber. BM is standard USED 4-inch pipe and tile. BM.79 A. MGL. (USE 92)	Cap 166.10 Base 162.16
<u>References.</u> SPM 79 241° 52' - 26.1 ft; 18-inch elm tree 236° 15' - 20.6 ft; 36-inch pecan tree due N.	
<u>MASONVILLE.</u> Station. (MP 243)	138.9
<u>MASONVILLE.</u> 1.25 mi E of; at rt angle turn in Hwy 165 on S side of SE cor of front yard of house owned by David A. Gates; SE of NE cor of house and NE of SE cor of back porch. Pipe flange bench with brass cap 7 inches above	

<u>Name and description</u>	<u>Elev. ft.</u>
ground. BM Gates. MGL. (USE 165)	142.90
<u>McARTHUR.</u> About 1.25 mi S of; on W side of Bayou Macon, in yard of N of house of F. U. Bond; 42.9 ft NE of NW cor of house; 25.4 ft NW of NE cor of porch and 16.1 ft W of SW cor of garage. Pipe flange bench with brass cap 6 inches above ground. BM Bond. MGL. (USE 165)	148.29
<u>McGEHEE.</u> About 4 mi E by S along MP RR, at Trippe Junction; at grade crossing at pole 412+22 112 ft NE of c/l of US Hwy 65; 48 ft N of c/l of N track at Wye. Standard disk, stamped "S 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	142.907
<u>McGEHEE.</u> Station. (MP 243)	149.2
<u>McGEHEE.</u> On S side of Hwy 1 approximately 330 ft NE along Hwy 1 from its intersection with MP RR in NW cor of back yard of house owned by Mrs. R. H. Randels, and occupied by Mrs. M. B. Smith; 36 ft S of c/l of hwy; 8.9 ft E of cor of garden. Pipe stone bench with brass cap 10 inches above ground. BM 3 AR. MGL. (USE 165)	146.778
<u>McGEHEE.</u> On N side of Hwy 1 approximately 1,200 ft NE along Hwy 1, from its intersection with MP RR on outside of SW cor of woods lot owned by Scott McGehee; 7.3 ft E of fence cor and 2 ft S of fence. Pipe stone bench with brass cap 11 inches above ground. BM 4 AR. MGL. (USE 165)	143.599
<u>McGEHEE.</u> About 1 mi S along MP RR, in top of concrete milepost 410. Copper bolt. MSL. (USC&GS 15)	143.858
<u>McGEHEE.</u> Pipe flange bench with brass cap 8 inches above ground approximately 1.25 mi S of MP RR station, at S end of RR yards, inside and near center of RR Wye. BM McGehee. MGL. (USE 165)	143.896
<u>McGEHEE.</u> About 3.5 mi NE of; between Hwy 1 and MP RR, 56.9 ft E of c/l of RR crossing 48.9 ft N of rd intersection and 3 ft inside of fence cor, Pipe flange bench with brass cap 6 inches above ground. BM Widow. MGL. (USE 165)	141.68
<u>McGEHEE.</u> About 4 mi SE of; at S end of Gates	

<u>Name and description</u>	<u>Elev. ft.</u>
Plantation, in front of Truevine Negro Church; 17.4 ft SW of NW cor of church and 18.8 ft NW of SW cor of church. Pipe flange bench with brass cap 3 inches above ground. BM McWhorter. MGL. (USE 165)	141.62
<u>McGEHEE</u> . About 4 mi SE of; at S end of Gates Plantation; about 500 ft N of Truevine Negro Church in cor of rd, 3 ft NW of wheel tracks. Pipe stone bench with brass cap 1 inch above ground. BM Hair. MGL. (USE 165)	140.58
<u>McGEHEE</u> . About 4 mi S of; at intersection of US Hwy 65 and St Hwy 4 known as Trippe Junction; 32.3 ft N of c/l of Hwy 4 and 61.5 ft E of c/l of US Hwy 65; 2 ft inside of fence cor. Pipe flange bench with brass cap 4 inches above ground. BM Neely. MGL. (USE 165)	143.906
<u>McGEHEE JUNCTION</u> . On MP RR 1 block N of grade crossing of US Hwy 65; 76 ft N of c/l of 1 street; 42 ft E of c/l of another street; 42 ft NW of center of NW of main track at "Wye" and 6 ft S of pole 409+1. Standard disk, stamped "R 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	146.443
<u>MEDFORD</u> . See Medford Landing. (Fletcher). (USE 101)	
<u>MEDFORD</u> . Village. Est. (MRC 152)	158.
<u>MEDFORD</u> . BM is a 3 $\frac{1}{2}$ -inch iron pipe with brass cap, on a concrete sub-surface marker, located on rt bank of Arkansas River, on Henry James plantation; about 2,000 ft NW of house of Mr. Fry, 1,100 ft W of levee, 15 ft W of c/l of field rd, 4 ft from NW cor of cottonhouse. BM 1950-A. MGL. (USE 99)	Cap Bolt
	162.247 158.309
<u>MEDFORD</u> . BM is a 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap, located on rt bank of Arkansas River; 1.6 mi E of; at Medford Crevasse, 730 ft S of new levee, 850 ft SW of junction of old and new levees; 110 ft S of small blue hole; 75 ft S of c/l of graded rd. BM 2050-A. MGL. (USE 99)	Cap Bolt
	157.284 153.312
<u>MEDFORD</u> . BM is 3 $\frac{1}{2}$ -inch pipe stone bench with brass	

<u>Name and description</u>	<u>Elev. ft.</u>
cap, located on rt bank of Arkansas River, about 0.5 mi E of; on Henry James plantation; about 480 ft back of levee, on S side of field rd, about 75 ft NE of farmhouse. BM 2000-A. MGL. (USE 99)	
Cap	160.978
Bolt	157.024
<u>MEDFORD.</u> BM is 3 $\frac{1}{2}$ -inch iron pipe with brass cap, on a concrete sub-surface marker, located on rt bank of Arkansas River, about 1 mi N of; 550 ft back of levee, 300 ft S of farmhouse, on W side of field rd. BM 1900-A. MGL. (USE 99)	
Cap	163.238
Bolt	159.247
<u>MEDFORD LANDING.</u> PBM "South Medford" is brass cap on 4-inch iron pipe set in cor of field about 200 ft S of rt high bank of Arkansas River; it is about 100 ft S of small farmhouse, and is about 150 ft E of outlet bayou to Davis Lake. MGL. (USE 101)	
	164.006
<u>MEDFORD LANDING.</u> PBM "South Medford 2" is brass cap on 4-inch iron pipe set near edge of rd leading from cotton gin. It is about 650 ft S of PBM "South Medford", and 250 ft S of church across bayou, and is about 850 ft NW of cotton gin. MGL. (USE 101)	
	161.102
<u>MEDFORD LANDING.</u> Brass cap on 4-inch iron pipe set in main SE Arkansas Levee in vicinity of; it is about 300 ft N of church which sets on edge of bayou and is about 650 ft S of MRC pipe 440, in sec 1, 1,150 ft W of range line 3 W and 2 W, and 670 ft S of N line of sec. PBM "South South Medford." MGL. (USE 101)	
	170.628
<u>MEDFORD LANDING.</u> Brass cap on 4-inch iron pipe set in SE Arkansas Levee in vicinity of; it is 600 ft W of MRC pipe 460, and about 3,400 ft by levee, NE of cotton gin at this locality. MGL. (USE 101) PBM Fletcher.	
	169.588
<u>MILLS.</u> Est. (MRC 152)	
	160.
<u>MOHAWK.</u> 358.5 river mi below Cairo, Ill. Position not known. BM 78 A is about 1.5 mi below mouth of Chute Island 66; 0.5 mi below BM Mohawk; 450 ft back of top of main river bank, on second bank; BM is standard USED 4-inch pipe and tile. MGL. (USE 92)	
Cap	167.45
Base	163.49

<u>Name and description</u>	<u>Elev. ft.</u>
<p><u>References.</u> 14-inch box elder tree, N 33° 45' - W 14.7 ft; 16-inch elm tree, N 29° 15' - E 60.8 ft; 24-inch sycamore tree, N 39° 25' - E 81.3 ft. MGL. (USE 92)</p>	
<p><u>MONTEREY LANDING.</u> On rt bank of Mississippi River across river and W of Indian Point in woods, on narrow ridge, 0.75 mi above landing, 0.5 mi below point opposite Indian Point Landing; about 185 meters from river bank at point 760 meters below gully; about 0.25 mi above upper end of rapidly caving bank; about 130 meters from and above fisherman's shanty. Top of pipe about 12 inches above ground. Cap on pipe. BM Gage 110. MGL. (MRC 167)</p>	154.12
<p><u>MONTGOMERY ISLAND.</u> 391.7 river mi below Cairo, Ill. Lat 34° 53' (+570 m); long 90° 04' (+170 m). Gage is located at mouth of White River. PBM A Ewens 1896; PBM B Wolbrecht, 1907, TBM Grace and TBM W 1935 used at inspections. MGL is Zero of Gage. (USE 92)</p>	108.86
<p><u>MONTGOMERY ISLAND.</u> 391.7 river mi below Cairo, Ill. TBM Grace is head of boat spike in triangular blaze on lower landside of 15-inch sycamore tree; 70 ft above incline sec of gage; 15 ft from river bank; spike 2.5 ft above ground. MGL. (USE 92)</p>	159.41
	Zero of Gage 50.55
<p><u>MONTGOMERY POINT.</u> 385.5 river mi below Cairo, Ill. Lat 33° 55' 31.0" (+955 m); long 91° 08' 09.9" (+254 m). BM is 2-inch iron pipe on W bank of junction of cut-off and Arkansas River; on false point between cut-off and river; opposite point of big willow bar on E bank. Position and elev from stadia survey. MGL. (USE 92)</p>	160.6
<p><u>References.</u> 18-inch elm tree, N 42° - E 28 ft; 12-inch gum tree, S 18° - W 45 ft; 36-inch cypress tree, S 30° - W 68 ft. MGL. (USE 92)</p>	
<p><u>MONTGOMERY POINT CUT-OFF.</u> 385.3 river mi below Cairo, Ill. Lat 33° 58' 10.30" (+317 m); long 91° 04' 15.61" (+401 m). BM Nameless is about 4 mi below foot of Scrubgrass Towhead; 2 mi above Montgomery Point Cut-Off; in woods; at back end of old field now grown up with young timber; about 1,000 ft back of river bank in</p>	

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
1934; top of pipe is 3 ft below surface of ground. BM is standard MRC pipe and tile with USE 4-inch pipe set on top of MRC pipe. MRC position and elev used in 1934 adjustment. MGL. (USE 92)	
Cap	156.58
Base	152.59

MONTGOMERY POINT LANDING. 386.9 river mi below Cairo, Ill. Lat 33° 56' 52.14" (+1606 m); long 91° 03' 13.42" (+345 m). BM Gage 113 is about 1,640 ft below landing; on upper bank of Sibley Chute; on ridge; 360 ft W of river bank; about 980 ft above steamboat wreck on bar; 3,000 ft above junction of Sibley Chute and White River. BM is standard MRC pipe and tile. Not connected with in 1934. MRC position and elev used. MGL. (USE 92)

Cap	156.65
Base	152.67

References. 20-inch cottonwood tree, S 5 ft; 4-inch elm tree, 20° - 17 ft; 6-inch maple tree, 130° - 30 ft; 14-inch cottonwood tree, 230° - 5 ft; 18-inch cottonwood tree, 240° - 19 ft. MGL. (USE 92)

MONTGOMERY POINT LANDING. 386.9 river mi below Cairo, Ill. Lat 33° 56' 57"; long 91° 03' 06". Gage is in 1 sec of land face of 10-inch cottonwood tree; 100 ft above observer's house; at head of old field back of landing; 400 ft back of bank. Gage graduated from 161 ft to 175 ft. BM 113-1932 is 40 penny nail driven horizontally in triangular blaze about 2.5 ft above ground, on lower face of gage tree. To be tied in 1935 for better elev. Zero of Gage. BM 113-1932. MGL. (USE 92)

163.00

MONTGOMERY POINT LIGHT. 384.7 river mi below Cairo, Ill. Lat 33° 57' 11.1" (+342 m); long 91° 07' 50.9" (+1307 m). BM 50 is 2-inch iron pipe on lt bank of cut-off about 0.5 mi below White River; about 300 ft above foot of bar; in heavy timber. Position and elev from stadia survey. MGL. (USE 92)

156.0

References. 36-inch twin maple tree, S 56° - E 47 ft; 15-inch willow tree, S 51° - W 27 ft; 10-inch willow tree, N 25° - E 12 ft. MGL. (USE 92)

MONTGOMERY POINT LIGHT. 384.7 river mi below

<u>Name and description</u>	<u>Elev. ft.</u>
Cairo, Ill. Lat 33° 56' 54.2" (+1670 m); long 91° 08' 15.6" (+401 m). BM 55 is 2-inch iron pipe on lt bank of cut-off, about 1.12 mi below White River; on high bank, just below small drain and just above upper side of large willow bar. Position and elev from stadia survey. MGL. (USE 92)	157.1
<u>References.</u> 36-inch sweet gum tree, N 89° 30' - E 34 ft; 16-inch red oak tree, S 52° - E 27 ft; 12-inch hackberry tree, S 20° - 31 ft. MGL. (USE 92)	
<u>MONTGOMERY POINT LIGHT.</u> 383.8 river mi below Cairo, Ill. TBM 19 V is about 1.5 mi above BM Nameless; 1,000 ft above foot of large timber; 3,000 ft below BM Slope 86; 200 ft back of top bank in 1934; 5 ft above T. L. Company property line; in downstream face of 12-inch ash tree. Copper plate in triangular blaze is stamped TBM 19 V. Brass nail and copper washer. MGL. (USE 92)	158.33
<u>MOZART.</u> Station. (MP 243)	170.2
<u>MOZART.</u> 383.5 river mi below Cairo, Ill. BM 12 A is 600 ft SE of station and 9 ft N of c/l of MP RR track. BM is nail in top of 5 by 5 concrete milepost 375. Elev from Vicksburg Engineer District. MGL. (USE 92)	169.86
MGL. (USE 165)	169.861
<u>MOZART.</u> 384.3 river mi below Cairo, Ill. Lat 33° 57' 18.5" (+570 m); long 91° 08' 30.4" (+781 m) BM is 2-inch iron pipe on rt bank of cut-off; 1.5 mi below White River; in bite of bend; at head of willow bar; in timber; 50 ft back of top bank. Position and elev from stadia survey. MGL. (USE 92)	155.4
<u>References.</u> 24-inch twin maple tree, S 88° - W 12 ft; 18-inch ash tree, N 21° - W 4 ft; 36-inch maple tree, N 73° - E 19 ft. MGL. (USE 92)	
<u>MOZART.</u> 384.8 river mi below Cairo, Ill. Lat 33° 56' 34.6" (+1066 m); long 91° 08' 43.5" (+1017 m). SPM is wooden hum on lt bank of cut-off 2.5 mi below White River; about 200 ft below Willow flat; about 1,200 ft above head of sand bar; 100 ft back of top bank in heavy timber. SPM 64. MGL. (USE 92)	159.2

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<p><u>References.</u> N 2° - W 16 ft; 30-inch cottonwood tree; 20-inch cottonwood tree, S 6° - W 12 ft; 40-inch willow tree, S 49° - E 11 ft. Position and elev from stadia survey. MGL. (USE 92)</p>	
<p><u>MOZART.</u> 385.0 river mi below Cairo, Ill. Lat 33° 55' 56.1" (+1728 m); long 91° 08' 48.2" (+1238 m). SPM is 2-inch iron pipe on W bank of cut-off; about 3.62 mi below White River; about 1 mi above Arkansas River; about 500 ft above head of willow bar; about 100 ft below head of sand bar. SPM 71. MGL. (USE 92)</p>	157.7
<p><u>References.</u> 15-inch willow tree, N 4° - E 22 ft; 15-inch cottonwood tree, S 61° - W 23 ft; 15-inch cottonwood tree, N 84° - E 13 ft. Position and elev from stadia survey. MGL. (USE 92)</p>	
<p><u>MOZART.</u> 385.3 river mi below Cairo, Ill. Lat 33° 55' 26.1" (+804 m); long 91° 09' 10.5" (+270 m). No description available. Position and elev from stadia survey. SPM 84. MGL. (USE 92)</p>	162.8
<p><u>NAPOLEON LIGHT.</u> 399.3 river mi below Cairo, Ill. Lat 33° 48' 40.95" (+1262 m); long 91° 04' 20.56" (+529 m). BM is in back cor of clearing; 886 ft above upper bank of Arkansas River; about 0.5 mi above mouth; on high ridge or old bank of Mississippi River; 170 ft back of house. BM is standard MRC pipe and tile. BM Gage 111. (MRC) MGL. (USE 92)</p>	153.39 149.40
<p><u>References.</u> 10-inch thorn tree, 110° - 14 ft; 4-inch elm tree, 230° - 11 ft; 10-inch sycamore tree, 260° - 13 ft; 24-inch cottonwood tree, 270° - 43 ft; 24-inch cottonwood tree, 330° - 53 ft.</p>	
<p><u>NAPOLEON LANDING.</u> Brass cap on 4-inch iron pipe located in woods on S bank of Arkansas River and about 0.83 mi from mouth; it is located on an old bank of Mississippi River and is about 300 ft S of S bank of Arkansas River. PBM "Napoleon". MGL. (USE 101)</p>	155.486
<p><u>NOTREBE CROSSING.</u> PBM "Cedar". Brass cap on 4-inch iron pipe set in woods about 25 ft E of high bank of Arkansas River; about 0.5 mi below Shield's house and 1,800 ft N of mouth of an</p>	

<u>Name and description</u>	<u>Elev. ft.</u>
old bayou near Notrebe Crossing. MGL. (USE 101)	168.538
<u>OZARK ISLAND.</u> On rt bank of Mississippi River on old Ozark Island; about 5 mi below mouth of Arkansas River across river from upper side of Indian Point; about 1 mi from bank in bend in woods, 650 meters; about 160° from a point of high ground with pond on W side of it; this point being extreme lower end of high ground on old Ozark Island. Top of stone. BM 53/3. MGL. (MRC 167)	146.64
<u>OZARK ISLAND.</u> On rt bank of Mississippi River; about 5 mi below mouth of Arkansas River, opposite upper side of Indian Point, directly N of present Indian Point Landing, in woods; about 460 meters NW from bank; 580 meters S, 10° W of high point, formerly foot of Ozark Island. Cap on pipe. BM 53/c. MGL. (MRC 167)	144.87
<u>OZARK ISLAND.</u> On rt bank of Mississippi River; about 3 mi below mouth of Arkansas River; about 500 meters back of Ozark Landing 130 meters back of old bank; on small ridge in timberland of Ozark Hunting Club. Cap on pipe. BM Ozark. MGL. (MRC 167)	146.19
<u>PADDOCK.</u> Station. (MP 243)	142.22
<u>PADDOCK.</u> Est. (MRC 139)	130.
<u>PELICAN LAKE.</u> Brass cap on 4-inch iron pipe on E bank of Arkansas River; about 200 ft below mouth of a bayou leading into Pelican Lake, and 10 mi above mouth of river. PBM "Pelican". MGL. (USE 101)	153.487
<u>PELICAN LAKE.</u> Brass cap on 4-inch iron pipe on edge of E bank of Arkansas River; about 3,000 ft N of bayou entering into Pelican Lake; it is about 150 ft S of Grear's old house, and about 10.5 mi above mouth of river. PBM "Grear". MGL. (USE 101)	154.601
<u>PELICAN LAKE.</u> PBM "East Grear". Brass cap on 4-inch iron pipe located in woods; about 360 ft E of E bank of Arkansas River and 3,000 ft N of a bayou entering into Pelican Lake; it is about 250 ft SE of Grear's old house, and 350 ft E of PBM "Grear". MGL. (USE 101)	152.928

<u>Name and description</u>	<u>Elev. ft.</u>
<u>PENDLETON.</u> Est. (MRC 152)	160.
<u>PENDLETON.</u> BM is 3 $\frac{1}{2}$ -inch iron pipe with brass cap, on concrete sub-surface marker; located on rt bank of Arkansas River, at Pendleton; about 0.75 mi SW of ramp leading to Cross Ferry; 1,000 ft back of levee, in an open field, at N edge of small clump of 3 to 5-inch cotton-wood trees. BM 1800-A. MGL. (USE 99)	163.979 160.057
<u>PENDLETON.</u> Brass cap on 4-inch iron pipe set in main SE Arkansas Levee; about 840 ft E of junction of main and old front levees, and about 2,600 ft E of Cross Store at Pendleton, Arkansas. PBM "South Lenox No. 2." MGL. (USE 101)	177.028
<u>PENDLETON.</u> BM is 3 $\frac{1}{2}$ -inch iron pipe with brass cap on concrete sub-surface marker, located on rt bank of Arkansas River; 0.8 mi E of Pendleton, 500 ft back of levee; about 2,000 ft below ramp leading to Cross Ferry; 130 ft NE of bank of Lake Lenox on NE side of dirt rd that follows lake bank, in W cor of barbed wire fence that surrounds former location of US levee camp. BM 1850-A. MGL. (USE 99)	163.827 159.893
<u>PENDLETON.</u> BM is 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 1 mi W of Pendleton; about 0.5 mi W of point where St Hwy 1 meets levee; 870 ft S of levee, 25 ft E of negro cabin. BM 1750-A. MGL. (USE 99)	166.189 162.215
<u>PENDLETON.</u> Brass cap on 4-inch iron pipe set in main SE Arkansas Levee about 840 ft E of junction of main and old front levees, and about 2,600 ft E of Cross Store at Pendleton, Arkansas. PBM "South Lenox No. 2." MGL. (USE 101)	177.028
<u>PENDLETON.</u> BM is 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap located on rt bank of Arkansas River; about 1.75 mi NW of Pendleton. On Lowden Plantation, at NE point of lower end of Silver Lake; 100 ft W of toe of levee, on W side of dirt rd, in fence line 6 ft W of cor. BM 1700-A. MGL. (USE 99)	166.651 162.641

<u>Name and description</u>	<u>Elev. ft.</u>
<u>PENDLETON.</u> BM is 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap located on rt bank of Arkansas River; 2.8 mi NW of Pendleton; at N end of Silver Lake, 450 ft back of levee, on bank of cypress brake, on N side of fence that runs from levee to brake. BM 1650-A. MGL. (USE 99)	Cap 162.937 Bolt 158.977
<u>PENDLETON.</u> BM is 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap, located on rt bank of Arkansas River, 3.6 mi NW of Pendleton; on Lowden Plantation, about 700 ft S of levee, 300 ft S of large tin-topped barn; 200 ft SW of negro cabin, in SE cor of barbed wire fence; 100 ft W of field rd. BM 1600-A. MGL. (USE 99)	Cap 164.886 Bolt 160.941
<u>PENDLETON.</u> 600 ft W of Cross Store at settlement; on S side of Arkansas River; on SE Arkansas Levee. Brass cap on iron pipe called "BM South Pendleton." MGL. (USE 44) MGL. (USE 101)	177.504 177.020
<u>PENDLETON.</u> PBM "South Pendleton No. 2"; brass cap on 4-inch iron pipe set in field of Cross Plantation, and is about 455 ft S of PBM South Pendleton. MGL. (USE 101)	165.140
<u>PENDLETON.</u> Brass cap on 4-inch iron pipe set in old front levee, N of and parallel to the main SE Arkansas Levee, about 0.5 mi E of Cross Store at Pendleton. The TBM is 600 ft E of junction made by old front line levee and connecting levee to the SE Arkansas Levee. PBM South Lenox No. 1. MGL. (USE 101)	177.022
<u>RED FORK.</u> PBM "Burnett" is brass cap on 4-inch iron pipe set on old front levee at junction on levee and concrete rivoted rt bank of Arkansas River at; PBM is about 300 ft E of junction formed by old front levee, and main SE Arkansas Levee. MGL. (USE 101)	162.899
<u>RED FORK.</u> Village. Est. (MRC 152)	156.
<u>RED FORK.</u> PBM "South Burnett 2." Brass cap on 4-inch iron pipe set in field in settlement on E bank of Lake Belcoe. PBM is 600 ft S of Ford cotton gin and sawmill, and 1,000 ft W of intersection of Village rd, and SE of Arkansas Levee. MGL. (USE 101)	157.479

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<p><u>RED FORK.</u> PBM "Red Fork." Brass cap on 4-inch iron pipe near top of S bank of Arkansas River. PBM is NW of village and is 650 ft due N of main SE Arkansas Levee. It is 570 ft W of E line, and 70 ft N of S line of sec 3-T9S-R2W. MGL. (USE 101)</p>	161.845
<p><u>RED FORK.</u> BM 2300-A is 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River; 700 ft SE of prominent angle in levee near store; 600 ft SE of red barn, on N side of small drainage ditch. MGL. (USE 99)</p>	Cap 155.541 Bolt 151.552
<p><u>RED FORK.</u> PBM "South Burnett l." Brass cap on 4-inch iron pipe set on E side of SE Arkansas Levee, PBM is about 800 ft E of Ford cotton gin and sawmill, and 150 ft NW of rd crossing levee. MGL. (USE 101)</p>	167.778
<p><u>RED FORK.</u> 0.5 mi SE of; on E side of rd; 30 ft S of E and W fence and 2.3 ft W of N and S fence. Pipe stone bench with brass cap 8-inches above ground. BM 16 AR. MGL. (USE 165)</p>	155.463
<p><u>RED FORK.</u> BM 2250-A is 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River; about 0.5 mi W of; 1,200 ft SE of lower end of Lake Belcoe; 600 ft SW of new levee, on S side of rd, at SE cor of garden fence of first house W of old store building by levee. MGL. (USE 99)</p>	Cap 157.625 Bolt 153.636
<p><u>RED FORK.</u> BM 2350-A is 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River; about 1 mi NE of; on McKinzie Plantation; about 1,000 ft SE of levee, 9 ft N of c/l of field rd, 5 ft E of cotton house; 1,350 ft SE of junction of old and new levees. MGL. (USE 99)</p>	Cap 157.336 Bolt 153.360
<p><u>RED FORK.</u> BM 2200-A is 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River; about 1 mi NW of; 1,150 ft NW of junction of old and new levees; 730 ft SW of new levee, 500 ft SW of tin roofed house; 400 ft NE of bank of Lake Belcoe; 200 ft SW of SW cor of peach orchard, in edge of pecan grove. MGL. (USE 99)</p>	Cap 158.912 Bolt 154.929

<u>Name and description</u>	<u>Elev. ft.</u>
<u>RED FORK.</u> About 4 mi W of; on John Fry plantation at NW cor of tenant house, 5.9 ft N of NW cor of house and 13 ft NE of NW cor of porch. Pipe stone bench with brass cap 1 ft above ground. BM 17 AR. MGL. (USE 165)	158.494
<u>REEDVILLE STATION.</u> Village. Est. (MRC 154)	162.
<u>REEDVILLE.</u> Station. (MP 243)	162.8
<u>REFUGE.</u> Est. (MRC 152)	165.
<u>RIFFE.</u> Est. (MRC 139)	140.
<u>RIFFE.</u> Station. (MP 243)	140.0
<u>ROHWER.</u> See Caulk Neck. (MRC 167)	
<u>ROHWER.</u> Station. (MP 243)	149.9
<u>ROHWER.</u> On W side of MP RR; about 50 ft SE of SE cor of cotton gin, 3 ft inside of fence, W of S end of garage, 7.3 ft NW of SW cor of garage, 19.3 ft SW of NW cor of garage. Pipe stone bench with brass cap 9 inches above ground. BM 1 A. MGL. (USE 165)	147.604
<u>ROHWER.</u> 0.7 mi S of; 470 ft E of MP RR, on top of Indian mound in middle of field. Pipe flange bench with brass cap 9-inches above ground. BM Mound. MGL. (USE 165)	159.07
<u>ROHWER.</u> BM 100-A is 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap, located on rt bank of Mississippi River, about 1.4 mi E of; about 490 ft NW of levee below prominent angle, in cultivated field, about 600 ft SW of small cabin, and 120 ft S of field rd. MGL. (USE 96)	Cap 142.892 Bolt 138.924
<u>ROHWER.</u> About 1.5 mi N of; 9 ft W of c/1 of MP RR, E of telegraph pole marked 395. Nail in top of 5 by 5-inch concrete milepost 395. BM 2 A. MGL. (USE 165)	150.935
<u>ROHWER.</u> BM 0-A is 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap, located on rt bank of Mississippi River, about 2.5 mi NE of; about 400 ft NW of levee, in cor of yard of Mr. Cook, about 50 ft SE of negro cabin, 300 ft N of another small negro cabin. MGL. (USE 96)	Cap 145.209 Bolt 141.250

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<p><u>ROHWER.</u> BM 50-A is 3$\frac{1}{2}$-inch pipe stone bench with brass cap, located on rt bank of Mississippi River, about 2.5 mi E of; 690 ft W of levee, 450 ft W by N of Indian Mound, 500 ft W of negro cabin, 10 ft outside of NW cor of fence. MGL. (USE 96)</p>	<p>Cap 142.596 Bolt 138.618</p>
<p><u>ROHWER.</u> BM 150-A is 3$\frac{1}{2}$-inch pipe stone bench with brass cap, located on rt bank of Mississippi River, about 2.5 mi SE of; about 1,300 ft S of junction of old and new levees, 320 ft W of levee, 250 ft S of negro cabin, in field in S side of slight depression. MGL. (USE 96)</p>	<p>Cap 143.624 Bolt 139.668</p>
<p><u>ROHWER.</u> BM 200-A is 3$\frac{1}{2}$-inch pipe stone bench with brass cap, located on rt bank of Mississippi River, about 3.5 mi SE of; about 500 ft SW of levee, on W side of rd running S, 3 ft from fence, and just N of 15-inch gum tree. MGL. (USE 96)</p>	<p>Cap 142.469 Bolt 138.490</p>
<p><u>ROHWER.</u> BM 3350-A is 3$\frac{1}{2}$-inch pipe stone bench with brass cap, located about 3.7 mi NE of; about 390 ft NW of levee, 22 ft NW of c/l of graded rd, on E bank of Red Fork Bayou, 325 ft SW of small cabin, 50 ft SW of 26-inch oak tree, 40 ft SW of 18-inch gum tree, 20 ft E of 15-inch pecan tree. MGL. (USE 99)</p>	<p>Cap 147.654 Bolt 143.683</p>
<p><u>ROHWER.</u> BM 250-A is 3$\frac{1}{2}$-inch pipe stone bench with brass cap, located on rt bank of Mississippi River, about 4.3 mi SE of; at angle where levee turns from E to S; 450 ft S of levee above angle, 700 ft W of levee below angle, in woods about 200 ft N of rd. About 1 mi above Lucca Landing. MGL. (USE 96)</p>	<p>Cap 141.101 Bolt 137.119</p>
<p><u>ROHWER.</u> BM 3300-A is 3$\frac{1}{2}$-inch pipe stone bench with brass cap, located about 4.6 mi NE of; 580 ft N of levee, in woods, about 700 ft E of trail that turns off from levee through woods. MGL. (USE 99)</p>	<p>Cap 143.771 Bolt 139.882</p>
<p><u>ROHWER.</u> BM 3250-A is 3$\frac{1}{2}$-inch pipe stone bench with brass cap, located 5.5 mi NE of; about</p>	

<u>Name and description</u>	<u>Elev. ft.</u>
550 ft N of levee; 250 ft W of old abandoned dummy line, in grove of hackberry trees, on bank of small slough. MGL. (USE 99)	
Cap	143.819
Bolt	139.879
<u>ROHWER.</u> BM 3200-A is 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap, located about 6.4 mi NE of; about 2 mi SW of Avenue Landing on Arkansas River, 625 ft N of levee, 250 ft N of slough, in woods. MGL. (USE 99)	
Cap	145.558
Bolt	141.566
<u>ROSEDALE LANDING.</u> On rt bank of Mississippi River, on Old Island 73, opposite point 0.5 mi above landing; about 0.25 mi SW of present Klondike Landing; about 300 meters W of river bank at head of sand bar, in W edge of field, on SE bank of old chute, on rt side of N-S fence. BM Klondike. MGL. (MRC 167)	
	154.27
<u>SARD LAKE.</u> On rt bank of Mississippi River, about 3 mi below mouth of White River; 2.5 mi above point opposite Rosedale Landing; 1.5 mi above Klondike Landing in woods; 600 meters from river bank in 1913; on high ridge; on NW bank of large lake; near NE end of Sard Lake top of stone post. BM 50/4. MGL. (MRC 167)	
	145.95
<u>SCRUBGRASS BAYOU.</u> 1 mi below mouth of; on lt bank of White River; 20 ft from edge of bank; 120 ft E of 24-inch red oak tree; 105 ft SE of 24-inch red oak tree; 30 ft N of 15-inch red oak tree; all trees are marked with triangle cut about 4.5 ft above ground. Brass cap on iron pipe called BM No. 4. MGL. (USE 49)	
	149.2
<u>SCRUBGRASS TOWHEAD.</u> 383.0 river mi below Cairo, Ill. TBM is about 2,900 ft below foot of Scrubgrass Towhead; about 900 ft above Little Red Light; 200 ft back of main bank, in upstream side of 10-inch hackberry tree. Copper plate in triangular blaze is stamped TBM 18 V. Brass nail and copper washer. MGL. (USE 92)	
	160.69
<u>SCRUBGRASS TOWHEAD.</u> 383.0 river mi below Cairo, Ill. Position not known. BM is on main bank about 800 ft below foot of Scrubgrass Towhead in 1934; 600 ft below old field that comes out to river bank; 400 ft back of top of bank in 1934; 100 ft E of old trail that parallels river bank. BM is USE standard pipe and tile.	

<u>Name and description</u>	<u>Elev. ft.</u>
BM 97 A (USE). MGL. (USE 92)	
Cap	163.55
Base	159.59
<u>References.</u> 18-inch cottonwood tree, N 61° 54' - E 10.5 ft; 15-inch elm tree, S 56° 15' - W 16.5 ft; 16-inch cottonwood tree, N 39° 22' - 27.5 ft.	
<u>SCRUBGRASS TOWHEAD.</u> 382.3 river mi below Cairo, Ill. Lat 34° 01' 39.49" (+1,217 m); long 91° 03' 52.39" (+1,344 m). BM is in head of old Scrubgrass Bend back of head of present Scrubgrass Towhead, in woods; about 1 mi SW of levee; about 1,970 ft above mouth of an old bayou emptying into chute; 1,100 ft back of bank of old river or present bank of chute; at point opposite lower end of Graddy Towhead. BM is standard MRC pipe and tile. Not connected in 1934. MRC position and elev used. BM Scrubgrass (MRC). MGL. (USE 92)	
Cap	154.23
Base	150.25
<u>References.</u> 12-inch hackberry tree, S 20 ft; 20-inch hackberry tree, 70° - 10 ft; 10-inch hackberry tree, 140° - 38 ft; 12-inch hackberry tree, 320° - 37 ft.	
<u>SCRUBGRASS TOWHEAD.</u> 383.6 river mi below Cairo, Ill. Position not known. BM is about 3 mi above Sibley Chute; about 1 mi below foot of Scrubgrass Towhead; 1,000 ft below Little Red Light; 400 ft back of river bank in 1934; back of blazed 12-inch hackberry tree on river bank. BM is USE standard pipe and tile. BM Slope 86 (USE). MGL. (USE 92)	
Cap	159.41
Base	155.43
<u>References.</u> 48-inch sycamore tree, W 50 ft; 14-inch ash tree, S 40 ft; 12-inch hackberry tree, NE 40 ft.	
<u>SCRUBGRASS TOWHEAD.</u> 381.6 river mi below Cairo, Ill. TBM is about 1 mi above Scrubgrass Towhead; on Henrico Bar; 150 ft N of Henrico Bar Light in 1934; 20 ft back of top bank; on 5-inch willow stump. Three tacks in top of stump. TBM SS 85. MGL. (USE 92)	
	151.14
<u>SHIELDS POINT.</u> PBM "Shields Point." Brass cap on 4-inch iron pipe located on W bank of Arkansas river opposite Grear's old house from E bank. See PBM "Grear." MGL. (USE 101)	
	152.157

<u>Name and description</u>	<u>Elev. ft.</u>
<u>SIELDS POINT.</u> PBM "West Shields Point." Brass cap on 4-inch iron pipe located in woods 360 ft W of W bank of Arkansas river opposite old Grear house on E bank and about 355 ft W of PBM "Shields Point." MGL. (USE 101)	156.591
<u>SIBLEY CHUTE.</u> 387.5 river mi below Cairo, Ill. Lat $33^{\circ} 56' 31.0''$ (± 955 m); long $91^{\circ} 03' 37.7''$ (± 968 m). BM is 2-inch iron pipe with cap on lt bank of White River, at Sibley Chute; 150 ft N of N bank of chute. Position and elev from stadia survey. SPM 0. MGL. (USE 92)	151.4
<u>SIBLEY CHUTE.</u> 386.1 river mi below Cairo, Ill. Lat $33^{\circ} 57' 10.3''$ (± 317 m); long $91^{\circ} 04' 23.0''$ (± 591 m). BM is iron pipe on lt bank of White River; 1.12 mi above Sibley Chute; 0.12 mi below drain or slough; in timber; 75 ft back of top bank. Position and elev from stadia survey. SPM 10. MGL. (USE 92)	153.8
<u>References.</u> 10-inch twin maple tree, N 45° - W 7 ft; 14-inch sycamore tree, N 53° - E 11.5 ft.	
<u>SIBLEY CHUTE.</u> 386.0 river mi below Cairo, Ill. Lat $33^{\circ} 56' 31.0''$ (± 955 m); long $91^{\circ} 05' 40.4''$ (± 1037 m). BM is on rt bank of White River; 2.75 mi above Sibley Chute, in edge of large timber just above head of small willow bar. SPM 23. MGL. (USE 92)	154.2
<u>References.</u> 18-inch cottonwood tree, N 69° - E 9 ft; 14-inch cottonwood tree, S 40° - E 6 ft; 10-inch cottonwood tree, S 75° - N 4 ft. Position and elev from stadia survey.	
<u>SIBLEY CHUTE.</u> Brass cap on 4-inch iron pipe located on edge of field on Big Island by pole fence; about 200 ft W of W bank of White River. It is about 1.5 mi below, and about 3.33 mi above mouth of White River. PBM "West 46." MGL. (USE 101)	157.643
<u>SIBLEY CHUTE.</u> 385.7 river mi below Cairo, Ill. Lat $33^{\circ} 57' 00.4''$ (± 12 m); long $91^{\circ} 05' 15.9''$ (± 408 m). BM is on lt bank of White River 1.87 mi above chute; in front of high bank on willow bar; about 1,000 ft above foot of bar; 150 ft back of outer edge of willow trees. Position and elev from stadia survey. SPM 15. MGL. (USE 92)	151.4

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<p><u>References.</u> 10-inch cottonwood tree, S 25° 00' - W 10 ft; 10-inch cottonwood tree, N 56° 30' - E 25 ft; 14-inch cottonwood tree, N 44° 30' - W 42 ft.</p>	
<p><u>SIBLEY CHUTE.</u> 385.4 river mi below Cairo, Ill. Lat 33° 56' 50.9" (+1,568 m); long 91° 06' 34.4" (+883 m). BM is 2-inch iron pipe on lt bank of White River; 3.75 mi above Sibley Chute; in willow trees about 1,000 ft below point where heavy timber turns back from river, back of bar; about 1,000 ft above head of sand bar. Position and elev from stadia survey. SPM 31. MGL. (USE 92)</p>	152.4
<p><u>References.</u> 8-inch willow tree, S 41° - W 10 ft; 4-inch willow tree, S 41° - E 11 ft; 8-inch willow tree, N 66° - E 13 ft.</p>	
<p><u>SIBLEY CHUTE.</u> 390.0 river mi below Cairo, Ill. Lat 33° 55' 32.4" (+998 m); long 91° 04' 40.1" (+1,030 m). BM is 2½-inch iron pipe, 20 ft back of top bank in clump of large cottonwood trees; 75 ft from small field now grown up in small willow trees; on rt bank of White River; 1.5 mi below Sibley Chute. SPM 10 1933. MGL. (USE 92)</p>	159.5
<p><u>References.</u> 24-inch cotton tree 8 ft; 28-inch cottonwood tree 20 ft; 20-inch cottonwood tree 20 ft.</p>	
<p><u>SIBLEY CHUTE.</u> 390.3 river mi below Cairo, Ill. Lat 33° 54' 55.5" (+1,710 m); long 91° 03' 01.7" (+44 m). BM is 2½-inch iron pipe on lt bank of White River; 100 ft back of top bank; 200 ft above upper end of sand bar; about 3,000 ft above mouth of Little Sibley Chute; 2 mi above mouth of White River; about 4.5 mi below Sibley Chute. Position and elev from stadia survey. SPM 31 1933. MGL. (USE 92)</p>	154.5
<p><u>References.</u> 20-inch cottonwood tree, 1° 20' - 45 ft; 8-inch cottonwood tree, 1° 37' - 14 ft; 20-inch willow tree, 215° 45' - 19 ft.</p>	
<p><u>SIBLEY CHUTE.</u> 384.6 river mi below Cairo, Ill. Lat 33° 57' 42.7" (+1,316 m); long 91° 07' 19.5" (+501 m). BM is 2-inch iron pipe 3.25 mi above Sibley Chute; on lt bank; about 0.5 mi below drain from Wall Lake; about 50 ft</p>	

<u>Name and description</u>	<u>Elev. ft.</u>
back of top bank in heavy timber. Position and elev from stadia survey. SPM 39. MGL. (USE 92)	149.1
<u>References.</u> 15-inch hackberry tree, N 33° - W 14 ft; 30-inch pecan tree, N 28° 30' - E 9 ft; 12-inch ash tree, S 78° - W 30 ft.	
<u>SIBLEY CHUTE.</u> 390.6 river mi below Cairo, Ill. Lat 33° 54' 42.4" (+1,306 m); long 91° 03' 12.2" (+1,313 m). BM is 2 $\frac{1}{8}$ -inch iron pipe on rt bank of White River; opposite point 1,200 ft above mouth of Little Sibley Chute. Position and elev from stadia survey. SPM 11 1933. MGL. (USE 92)	160.0
<u>SIBLEY CHUTE.</u> 391.0 river mi below Cairo, Ill. Lat 33° 55' 13.1" (+1,364 m); long 91° 03' 53.1" (+1,364 m). Mark is on rt bank in timber 2.87 mi below Sibley Chute; at foot of Jackson Bend; about 500 ft above head of willow trees in bar; in timber; about 75 ft back of top bank. SPM 20-1933. MGL. (USE 92)	161.8
<u>References.</u> 14-inch cottonwood tree, 103° 33' - 27 ft; 15-inch cottonwood tree, 260° 25' - 35 ft; 12-inch willow tree, 42° 44' - 38 ft.	
<u>SIBLEY CHUTE.</u> 391.7 river mi below Cairo, Ill. 48.23 ft above zero of gage. TBM is drift pin driven in blaze on upper side of 20-inch willow tree, 6 inches above ground, 40 ft above bulletin board. TBM W 1935. MGL. (USE 92)	157.09
<u>SIBLEY CHUTE.</u> 384.2 river mi below Cairo, Ill. Lat 33° 57' 45.3" (+1,396 m); long 91° 08' 05.9" (+151 m). BM is 2-inch iron pipe on lt bank of White River, 6 mi above Sibley Chute, on point opposite upper side of cut-off; 75 ft back of top bank; at head of small bar. Position and elev from stadia survey. SPM 45 A. MGL. (USE 92)	154.6
<u>References.</u> 8-inch pecan tree, S 16° - W 16 ft; 6-inch willow tree, N 78° - W 12.5 ft; 48-inch sycamore tree, N 60° - E 62 ft.	
<u>SIBLEY CHUTE.</u> 383.8 river mi below Cairo, Ill. Lat 33° 58' 29.1" (+897 m); long 91° 09' 03.0" (+77 m). BM is 2-inch iron pipe on rt bank of White River; 7.25 mi above Sibley Chute; 1.25 mi above cut-off; about 0.12 mi above head of willow bar; in timber; 75 ft back of top bank.	

<u>Name and description</u>	<u>Elev. ft.</u>
Position and elev from stadia survey. SPM 54 A. MGL. (USE 92)	147.8
<u>References.</u> 18-inch post oak tree, 22 ft S 38° E; 30-inch post oak tree, 16 ft S 57° E; 10-inch persimmon tree, 12 ft N 54° E.	
<u>SILVER LAKE LANDING.</u> PBM "West Silver Lake." Brass cap on 4-inch iron pipe set in an angle of old front levee adjacent to SE Arkansas Levee at Silver Lake Landing. PBM and levee are on W bank of outlet of Echubby Lake; T8S-R3W. MGL. (USE 101) MGL. (USE 44)	172.898 173.382
<u>SNOW LAKE.</u> See Scrubb Grass Bayou. (USE 49)	
<u>SNOW LAKE.</u> Station. (MP 243)	159.5
<u>SNOW LAKE.</u> 377.0 river mi below Cairo, Ill. Lat 34° 03' 59.38" (+1,830 m); long 91° 01' 33.78" (+866 m). BM is about 1.25 mi NW of Snow Lake in Laconia Circle; 955.7 ft from levee at point 1,146 ft below WRLD milepost 67/68; 4 ft NE of cor of house at junction of N and S and E and W rds on land side of levee. Position and elev from low water survey. BM R 119.2-15 (USE). MGL. (USE 92)	159.8
<u>STEVENSON.</u> See Little Island Chute. (USE 49)	
<u>STIMSON.</u> Est. (MRC 122)	156.
<u>STIMSON.</u> See Henrico Bar. (USE 92)	
<u>STIMSON.</u> See LaGrue River. (USE 49)	
<u>STIMSON.</u> See Lake Concordia. (USE 92)	
<u>STIMSON.</u> See Scrubgrass Towhead. (USE 92)	
<u>STIMSON.</u> See Sibley Chute. (USE 92)	
<u>THANE SPUR.</u> Station. (MP 243)	160.0
<u>TRAUBE.</u> Est. (MRC 152)	145.
<u>TRIPPE.</u> Station. (MP 243)	143.4
<u>TRIPPE JUNCTION.</u> Station. (MP 243)	143.4

<u>Name and description</u>	<u>Elev. ft.</u>
<u>TRIPPE JUNCTION.</u> About 4 mi SE of McGehee, approximately 1,000 ft S of intersection of Hwy 4 and Hwy 65, on inside of, and near N cor of front yard of house owned by E. M. Trippe, occupied by Pat Runyan, on W side of Hwy 65, 19.9 ft E of SE cor of garage, and 48.8 ft N of N cor of front porch of house. Pipe stone bench with brass cap 9 inches above ground. (BM 2 AR) MGL. (USE 165)	144.511
<u>WALNUT LAKE.</u> Station. (MP 243)	159.4
<u>WALNUT LAKE.</u> I. In N side of house owned in 1888 by R. A. Picken, in W side of chimney, and in eighteenth course of brick above ground. Center of cross on a 2 $\frac{1}{2}$ -inch copper bolt leaded horizontally into brick. MSL. (USC&GS 1)	164.009
<u>WATSON.</u> See Burnett. (USE 99)	
<u>WATSON.</u> See Cypress Creek Mouth. (MRC 167)	
<u>WATSON.</u> Station. (MP 243)	155.0
<u>WATSON.</u> Approximately 170 ft N of station; 8 ft of c/l of main line track of MP RR; 4 inches E of steel work of tank. Chiseled cross on concrete foundation of water tank. BM 5A. MGL. (USE 165)	154.995
<u>WATSON.</u> About 1.7 mi NE of; on S side of MP RR, in front of tenant house on G. P. Kinkles Plantation, outside front yard at N cor of house; 11.7 ft W of fence intersection and 6.4 ft W of fence cor. Pipe stone bench with brass cap 5 inches above ground. BM 11 AR. MGL. (USE 165)	151.435
<u>WATSON.</u> Approximately 2.25 mi S of; 9 ft W of c/l of MP RR, 5 ft N of N end of trestle 96 B. Nail in top of 5-inch by 5-inch concrete milepost. BM 4A. MGL. (USE 165)	152.288
<u>WATSON.</u> About 2.5 mi NE of; on W side of MP RR; 9 ft NW of c/l of track and 36 ft SW of crossing. Nail in top of 5-inch by 5-inch concrete milepost. BM 6A. (USE 165)	157.420
<u>WATSON.</u> BM 2900-A is a 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 5 mi SE of; back of Lake Jefferson, 430 ft SW of levee, in woods about 1,000 ft below southernmost of two small cabins. MGL. (USE 99)	
	Cap 154.726
	Bolt 150.741

<u>Name and description</u>	<u>Elev. ft.</u>
<u>WATSON.</u> BM 2950-A is a 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 6 mi SE of; back of W arm of Lake Jefferson; 470 ft SW of levee, on W side of dry slough bed, in woods. MGL. (USE 99) Cap Bolt	150,743 146,799
<u>WHISKEY CHUTE.</u> PBM "Vine". Brass cap on 4-inch iron pipe located in woods about 40 ft E of E bank of Arkansas River and about 4.67 mi above mouth. MGL. (USE 101)	152,971
<u>WHISKEY CHUTE.</u> PBM "North Vine". Brass cap on 4-inch iron pipe located in woods about 150 ft NE of "PBM Vine". MGL. (USE 101)	148,602
<u>WHISKEY CHUTE.</u> PBM "Judge". Brass cap on 4-inch iron pipe located in woods about 40 ft from edge of W bank of Arkansas River about 4.67 mi above mouth. MGL. (USE 101)	157,585
<u>WHISKEY CHUTE.</u> PBM "West Judge". Brass cap on 4-inch iron pipe located in woods about 250 ft W of W bank of Arkansas River and about 220 ft W of PBM "Judge". MGL. (USE 101)	158,190
<u>WHISKEY CHUTE.</u> PBM "Tulla". Brass cap on 4-inch iron pipe located in woods about 160 ft N of N bank of Arkansas River and about 1,200 ft W of mouth of Cypress Ditch. It is about 1.67 mi above mouth of river. MGL. (USE 101)	149,393
<u>WHISKEY CHUTE.</u> PBM "North Tulla". Brass cap on 4-inch iron pipe located in woods 150 ft NW of PBM "Tulla". MGL. (USE 101)	146,826
<u>WHISKEY CHUTE.</u> PBM "Ozark No. 1". Brass cap on 4-inch iron pipe located in woods, about 120 ft W of rt or W bank of Arkansas River, and about 2 mi above mouth of river and is opposite Whiskey Chute. MGL. (USE 101)	155,026
<u>WHISKEY CHUTE.</u> PBM "Ozark No. 2". Brass cap on 4-inch iron pipe, located in woods about 140 ft SE of PBM "Ozark No. 1". MGL. (USE 101)	154,111
<u>WHITE RIVER LANDING.</u> Lat 33° 53' 1840.3". Long 91° 03' 1454.2". PBM is tile on pipe on rt bank of Mississippi River in; on land of Paepcke Leicht Lumber Company, bank of; about 1 mi below mouth of White River at foot of	

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
cottonwood bar, 40 meters back of river bank; 30 meters above gage bulletins, 3 meters out from fence and 2 meters above NW cor of house of Simon Metts; top of pipe is about 20 ft above ground. It is used as BM for mouth of White River USE gage and cap on pipe is 47.29 ft above zero of gage. PBM B Wolbrecht 1907. MGL. (MRC 167)	Cap 156.153 Bolt 152.179
<u>WHITE RIVER LANDING.</u> Lat 33° 54' 593.6". Long 91° 03' 1473.6". PBM is copper bolt in limestone slab, surmounted with old style iron pipe and cap on rt bank of Mississippi River about 700 meters above; and gauge bulletin about 0.75 mi below mouth of White River; about 400 meters from river bank, behind a fringe of cottonwood trees, on E side of rd passing in front of houses; near foot of large cottonwood tree bearing HW sec of gage on high ground with low ground between BM and cottonwood trees in front. Top of pipe is about 24 inches above ground. It is used as BM from mouth of White River USE gage, and cap on pipe is 45.46 ft above zero of gage. PBM A Ewens 1896. MGL. (MRC 167)	Cap 154.321 Bolt 150.246
<u>WHITE RIVER LANDING.</u> 393.0 river mi below Cairo, Ill. Lat 33° 53' 03.88" (+120 m); long 91° 04' 09.48" (+244 m). BM is on Big Island 0.25 mi below mouth of White River; 900 ft below inclino sec of White River gage; 90 ft back of top of bank in 1934. USED standard 4-inch pipe and tile. MGL. (USE 92)	Cap 159.74 Base 155.77
<u>References.</u> 12-inch sycamore snag S 28.5 ft; 10-inch cottonwood tree 70° - 40 ft.	
<u>YANCOPIN.</u> See Big Island. (USE 92)	
<u>YANCOPIN.</u> See Bridgeport Light. (USE 92)	
<u>YANCOPIN.</u> See Chute of Island 73. (MRC 167)	
<u>YANCOPIN.</u> See DeSoto Landing. (MRC 167)	
<u>YANCOPIN.</u> See Klondike Light. (USE 92)	
<u>YANCOPIN.</u> See Lake Jefferson. (USE 101)	
<u>YANCOPIN.</u> See Napoleon Landing. (USE 101)	

<u>Name and description</u>	<u>Elev. ft.</u>
<u>YANCOPIN.</u> See Napoleon Landing Light. (USE 92)	
<u>YANCOPIN.</u> See Monterey Landing. (MRC 167)	
<u>YANCOPIN.</u> See Pelican Lake. (USE 101)	
<u>YANCOPIN.</u> See Sibley Chute. (USE 92)	
<u>YANCOPIN.</u> See Whiskey Chute. (USE 101)	
<u>YANCOPIN.</u> See White River Landing. (USE 92)	
<u>YANCOPIN.</u> Station. (MP 243)	170.7
<u>YANCOPIN.</u> BM is a 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap located on rt bank of Arkansas River at; 1,150 ft S of levee; 1,200 ft NW of MP RR, on N side of field rd; 10 ft N of fence. BM 2450-A. MGL. (USE 99)	Cap 154.533 Bolt 150.529
<u>YANCOPIN.</u> Brass cap on 4-inch iron pipe set in right-of-way of US Government Levee at; it is about 125 ft S of c/l of levee, and 220 ft W of track of MP (MH&L) RR. The PBM is adjacent to an ice house on the W, and a country store on the E. PBM "Yancopin". MGL. (USE 101)	156.330
<u>YANCOPIN.</u> Brass tablet set in top of E end of small concrete pier of MP (MH&L) RR bridge across the Arkansas River near; the pier is on N side of river and sets low, being the second pier N of steel span. PBM "North MH&L". MGL. (USE 101)	165.782
<u>YANCOPIN.</u> Brass tablet set in top of E end of pier at S end of steel span of MP (MH&L) RR bridge across Arkansas River near; PBM "East MH&L". MGL. (USE 101)	171.435
<u>YANCOPIN.</u> Brass tablet set in center of pier at S end of steel span of MP (MH&L) RR bridge across Arkansas River near; PBM "South MH&L". MGL. (USE 101)	171.430
<u>YANCOPIN.</u> BM is a 3 $\frac{1}{2}$ -inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 0.5 mi below; about 1,190 ft SW of levee, on McKennon place, on NE side of rd, 400 ft NW of barn, 200 ft W of tool house; 350 ft E of negro cabin; 30 ft SW of fence line. BM 2500-A.	

<u>Name and description</u>		<u>Elev.</u> <u>ft.</u>
MGL. (USE 99)	Cap Bolt	155.553 151.566
<u>YANCOFIN.</u> Lat 33° 57' (+11.10 m); long 91° 12' (+26.94 m). BM 7 A is 1-inch bolt in concrete pier 4 inches above pier located 1 mi NE of; on MP RR on E side of track 200 ft S of S end of bridge (steel) across Arkansas River, on top of SE bolt 1.5 ft from edge of pier and 11 ft from c/l of track. MGL. (USE 165)		171.746
<u>YANCOFIN.</u> About 1 mi NE of; on E side of MP RR on E end of pier at S end of steel bridge across Arkansas River; 12 ft from c/l of track; 3½-inch brass cap set in concrete pier. BM 8A. MGL. (USE 165)		171.419
<u>YANCOFIN.</u> BM is a 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 1 mi NW of; about 800 ft SW of levee below prominent angle at junction of old and new levees; 700 ft S of old negro church at angle in levee, on E side of field rd; 3 ft W of fence line. BM 2400-A. MGL. (USE 99)	Cap Bolt	154.817 150.837
<u>YANCOFIN.</u> BM is a 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 1.5 mi below; about 750 ft W of levee, on McKennon place, on N side of dirt rd and 7 ft N of small drainage ditch. BM 2550-A. MGL. (USE 99)	Cap Bolt	153.911 149.944
<u>YANCOFIN.</u> BM is a 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 2.5 mi below; about 950 ft SW of levee, in cultivated field, on E side of field rd, E of bridge over drainage ditch, 8 ft N of c/l of ditch; 16 ft NW of 48-inch pecan tree. BM 2600-A. MGL. (USE 99)	Cap Bolt	154.891 150.914
<u>YANCOFIN.</u> BM is a 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 3.5 mi below; about 750 ft S of levee, in grove of small trees; 25 ft E of edge of cultivated field, on W side of small drain that runs through woods; 6 ft W of old fence line, 575 ft ft SE of negro cabin. BM 2650-A. MGL. (USE 99)	Cap Bolt	155.435 151.470

<u>Name and description</u>	<u>Elev. ft.</u>
<u>YANCOPIN.</u> Brass cap on 4-inch pipe on top of high bluff bank on S side of Arkansas River about 400 ft upstream from mouth of "Cut-off". It is about 25 ft back from edge of bank. PBM "Old Ark". MGL. (USE 101)	156.681
<u>YANCOPIN.</u> Brass cap on 4-inch pipe on S bank of Arkansas River about 2,800 ft above mouth of "Cut-off" and at outlet of old river lake. PBM "Rosemary". MGL. (USE 101)	156.568
<u>YANCOPIN.</u> Brass cap on 4-inch iron pipe set just inside wire fence marking right-of-way of US Government Levee about 4 mi below; PBM is on S side of levee. It is 230 ft from c/l of levee. It is about opposite levee sta 350 on this levee. PBM "South Rosemary". MGL. (USE 101)	155.473
<u>YANCOPIN.</u> BM is a 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 4.5 mi below; just below prominent bend to S in levee; about 450 ft W of levee, back of upper end of Smith's Lake; 150 ft W of bank of slough; 360 ft S of cabin, in cultivated field; N of 32-inch pecan tree. BM 2700-A. MGL. (USE 99)	Cap 154.288 Bolt 150.316
<u>YANCOPIN.</u> BM is a 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 5.5 mi below; about 900 ft W by N of levee; 600 ft NW of cabin, in edge of woods; 20 ft E of 40-inch tree. BM 2750-A. MGL. (USE 99)	Cap 150.199 Bolt 146.208
<u>YANCOPIN.</u> BM is a 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 6.5 mi below; back of lower end of Smith's Lake; 480 ft W of levee, 400 ft N of house, 500 ft E of log cabin, on N side of slough, about 4 ft from NW cor of fence. BM 2800-A. MGL. (USE 99)	Cap 155.952 Bolt 151.973
<u>YANCOPIN.</u> BM is a 3½-inch pipe stone bench with brass cap, located on rt bank of Arkansas River, about 7.5 mi below; about 750 ft W of levee, on S side of clearing in woods; 3 ft from N side of house. BM 2850-A. MGL. (USE 99)	Cap 153.716 Bolt 149.743

<u>Name and description</u>	<u>Elev.</u> <u>ft.</u>
<u>YUKON SPUR.</u> Station. (MP 243)	155.1

CROSS INDEX TO LEVEL LINES IN
DREW COUNTY

Line No. 1

Tillar

Line No. 15

Jerome

Line No. 241

Baxter

Line No. 4

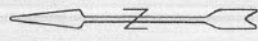
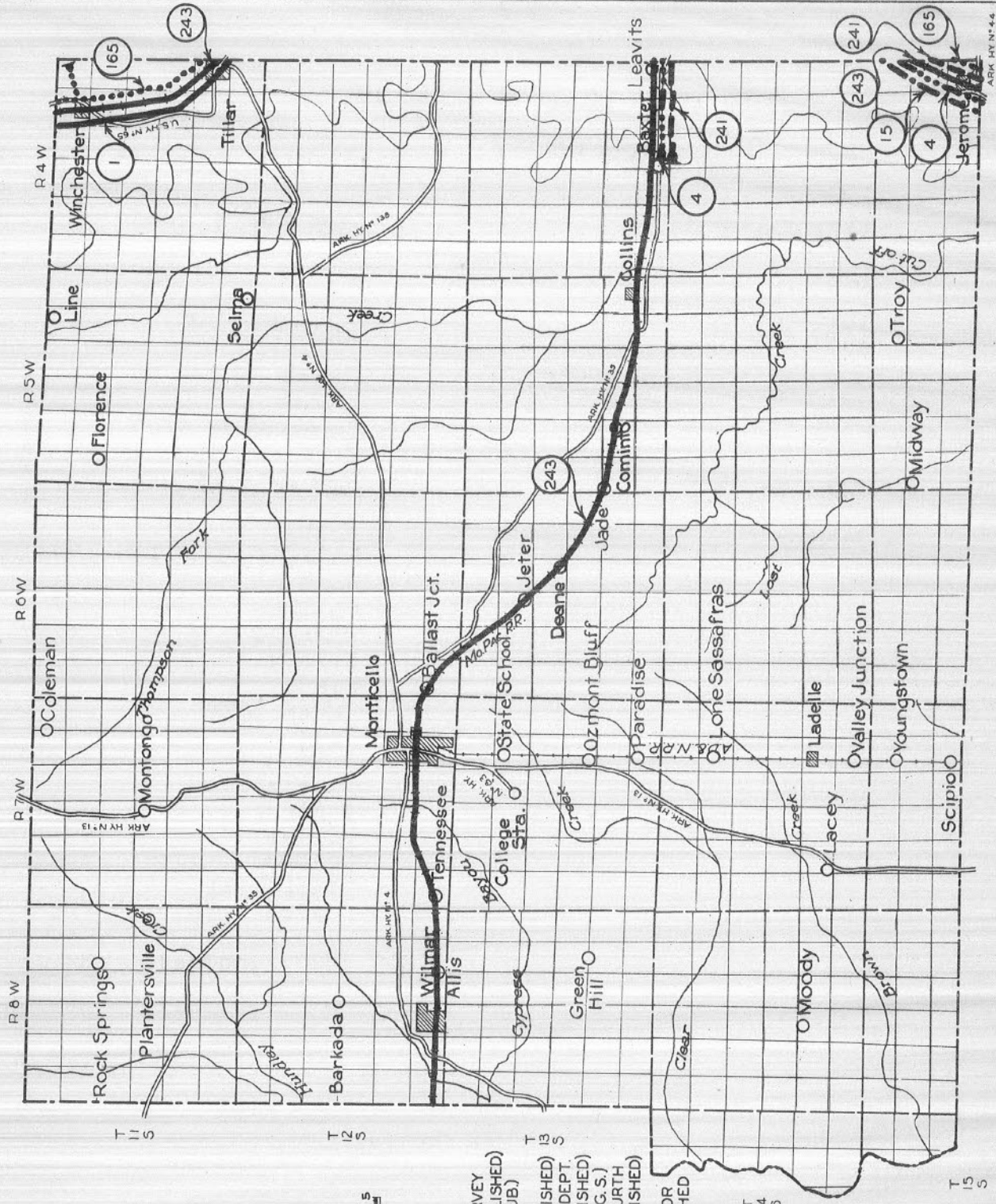
Baxter

Line No. 165

Jerome
Tillar
Winchester

Line No. 243

Allis
Ballast Junction
Baxter
Collins
Cominto
Constance
Deane
Dukes Spur
Jade
Jeters
Monticello
Tennessee
Tillar
Wilmar
Winchester



DREW COUNTY



- EXPLANATION**
- U.S. COAST & GEODETIC SURVEY
 - FIRST ORDER (PUBLISHED)
 - SECOND ORDER (PUB.)
 - U.S. GEOLOGICAL SURVEY
 - THIRD ORDER (PUBLISHED)
 - CORPS OF ENGINEERS, WAR DEPT.
 - FIRST ORDER (PUBLISHED) BY U.S.C. & G.S.)
 - SECOND, THIRD, & FOURTH ORDER (PUBLISHED)
 - RAILROAD COMPANIES
 - ORDER INDEFINITE OR UNKNOWN (PUBLISHED INF. CIRCULAR 6)

<u>Name and description</u>	<u>Elev. ft.</u>
<u>ALLIS.</u> Station. (MP 243)	194.5
<u>BADGER.</u> Est. (AGS 300)	150.
<u>BALLAST JUNCTION.</u> Station. (MP 243)	275.0
<u>BARKADA.</u> Est. (AGS 300)	225.
<u>BAXTER.</u> On Warren Branch of MP RR, about 55 yds W of end of bridge over Bayou Bartholomew, 96 ft S of S rail of track, 6½ ft W of NE cor of yard to W. R. McCloy's house and 1 ft S of fence line. Top of cap on a 1½ inch iron pipe projecting a- bout 4 inches above ground. MSL. (USC&GS 4)	142.300
<u>BAXTER.</u> In E cor of yard, about 30 meters SW of tracks of Warren Branch of MP RR and about 50 meters W of W end of bridge across Bayou Barthol- omew; pipe flange bench. (US C of E PBM BAXTER). MSL. (USGS 241)	142.165
<u>BAXTER.</u> See Bayou Bartholomew. (AGS 254)	
<u>BAYOU BARTHOLOMEW.</u> Ry at stream. (AGS 254)	138.
<u>CHILKOAT.</u> Est. (AGS 300)	150.
<u>COLEMAN.</u> Est. (AGS 300)	225.
<u>COLLEGE STATION.</u> Est. (AGS 300)	250.
<u>COLLINS.</u> Station. (MP 243)	168.5
<u>COMINTO.</u> Station. (MP 243)	186.5
<u>CONSTANCE.</u> Station. (MP 243)	178.0
<u>DEANE.</u> Est. (MRC 108)	191.
<u>DEANE.</u> At Station. (MP 243)	194.5
<u>DUKES SPUR.</u> Station. (MP 243)	185.5
<u>FLORENCE.</u> Est. (AGS 300)	200.
<u>JADE.</u> Station. (MP 243)	184.5
<u>JEROME.</u> Top of rail opposite MP RR station. MSL. (USC&GS 15)	133.4
<u>JEROME.</u> 14 ft N of fourth pole S of MP RR sta- tion; 137 ft S of S edge of sidewalk on Missi-	

<u>Name and description</u>	<u>Elev. ft.</u>
Mississippi Avenue; 47 ft W of c/1 of track; 23 ft E of c/1 US Hwy. 165. Standard disk, stamped "D 13 1932" and set in top of concrete post. MSL. (USC&GS 15)	130.164
<u>JEROME.</u> About 0.2 mi S of MP RR station at; in top of concrete milepost. Copper bolt. Milepost 425 MP RR. MSL. (USC&GS 15)	133.304
<u>JEROME.</u> Approximately 2,000 ft E of; 500 ft E of N end of row of tenant houses; 400 ft SE of big barn at SE cor of cattle pens; 26.2 ft S of SE cor of cattle pens, on S bank of small ditch; 3.4 ft E of fence; 48 ft S of dipping vat in cattle pen. BM DYNAMITE. MGL. (USE 165)	127.27
<u>JETERS.</u> Station. (MP 243)	201.2
<u>LACEY.</u> Est. (AGS 300)	175.
<u>LADELLE.</u> Est. (AGS 300)	250.
<u>LONE SASSAFRAS.</u> Est. (AGS 300)	175.
<u>MONTICELLO.</u> Station. (MP 243)	273.0
<u>MOODY.</u> Est. (AGS 300)	150.
<u>OZMONT BLUFF.</u> Est. (AGS 300)	260.
<u>PARADISE.</u> Est. (AGS 300)	250.
<u>RAINES.</u> Est. (AGS 300)	140.
<u>SALINE.</u> Est. (MRC 142)	122.
<u>SCIPIO.</u> Est. (AGS 300)	210.
<u>SELMA.</u> Est. (MRC 108)	180.
<u>STATE SCHOOLS.</u> (Monticello) Est. (AGS 300)	277.
<u>TENNESSEE.</u> Station. (MP 243)	228.6
<u>TILLAR.</u> At station. (MP 243)	154.1
<u>TILLAR.</u> H. At; in chimney at back of store owned in 1888 by H. L. Henry and Brothers, in eleventh course from ground, and in third brick E of side of house. Center of cross on head of copper bolt leaded horizonitally into brick. MSL. (USC&GS 1)	153.264

<u>Name and description</u>	<u>Elev. ft.</u>
<u>TILLAR.</u> Approximately 1,800 ft N of RR station at; on N side of tracks, 2 ft inside of right of way fence, where Kelso dirt road leaves RR, 35 ft W of fence intersection, and 47 ft E of c/1 of main track of MP RR. Pipe stone bench with brass cap 1 ft above ground. (BM 5 AR). MGL. (USE 165)	153.410
<u>TILLAR.</u> About 0.5 mi N of; on E side of Kelso rd, 2 ft W of fence, 41 ft S of fence cor. Pipe stone bench with brass cap 1 ft above ground. (BM 6 AR). MGL. (USE 165)	154.711
<u>TILLAR.</u> Approximately 2.5 mi NE of; on Terry farm at Jim Shepard's residence, near bridge across Bayou Macon, in NE cor of front yard, 9.5 ft E of SE cor of house and 4 ft N of triple fork chinaberry tree. Pipe flange bench with brass cap 8-inches above ground. (BM Terry). MGL. (USE 165)	153.96
<u>VALLEY JUNCTION.</u> Est. (MRC 154)	161.
<u>WILMAR.</u> Station. (MP 243)	148.5
<u>WINCHESTER.</u> Station. (MP 243)	155.3
<u>WINCHESTER.</u> Approximately 1,300 ft S of MP RR, on W side of RR, 2 ft outside of right of way fence; 121 ft S of RR crossing, 52 ft W of c/1 of MP RR and 107 ft E of SE cor of school building. Pipe stone bench with brass cap 1 ft above ground. BM 7 AR. MGL. (USE 165)	156.255
<u>WINCHESTER.</u> About 0.5 mi SW of; in NE cor of yard owned by Mernerva Miles (colored), approximately 200 ft SE of Union Baptist Church, 3 ft SW of cor post; 28.1 ft NE of NE cor of porch. Pipe stone bench with brass cap 1 ft above ground. BM 8 AR. MGL. (USE 165)	156.734
<u>WINCHESTER.</u> 4,150 ft E of; 500 ft N of public rd; on E side of lane, 2 ft inside of fence. Pipe flange bench with brass cap 8-inches above ground. BM Maggie. MGL. (USE 165)	151.38
<u>WINCHESTER.</u> 5,610 ft E of; on S side of public rd, 210 ft S of cemetery and 5.5 ft N of fence. Pipe flange bench with brass cap 5-inches above ground. BM Jiggs. MGL. (USE 165)	152.09