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W. C. Mendenhall, Director

Bulletin 916-E

TRANSIT TRAVERSE IN MISSOURI

PART 5. SOUTHWESTERN MISSOURI

1900-37

J. G. STAACK

Chief Topographic Engineer

Prepared in cooperation with the

STATE OF MISSOURI

GEOLOGICAL SURVEY AND WATER RESOURCES

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STATE GEO
 SURVEY

TRANSIT TRAVERSE IN MISSOURI

PART 5. SOUTHWESTERN MISSOURI, 1900-1937

J. G. Staack, Chief Topographic Engineer

INTRODUCTION

Scope of report.—This bulletin, which for convenience is to be published in eight parts, contains the results of all transit traverse* done in Missouri through 1937 by the Geological Survey, United States Department of the Interior, including those heretofore published. (See page X.) Each of the parts deals with one of eight sections into which the State has been divided for this purpose and which have been designated north-eastern, northwestern, southeastern, southwestern, central, east-central, south-central, and west-central Missouri. In each part descriptions of the points for which geodetic positions have been determined are listed according to the quadrangles in which the points occur. Results of transit traverse other than that done by the Geological Survey have not been included.

Cooperation.—The State has contributed financially to the work of transit traverse in Missouri since 1907, ordinarily cooperating with the United States Geological Survey on a dollar-for-dollar basis. The agencies concerned in this cooperation are the Missouri Geological Survey and Water Resources and, since 1929, the Missouri State Highway Commission. Since 1934, the Missouri Geological Survey and Water Resources, under allotments from the Federal Emergency Relief Administration and the Works Progress Administration, has also supplied the funds to pay the personnel working on extensive projects of horizontal control in the State. For these projects the United States Geological Survey has furnished equipment and supervision as its share of the cooperation.

Classification of transit traverse.—Lines of transit traverse are classified with respect to the degree of refinement in the instruments and methods used and according to the magnitude of the closure errors. The lines are run in loops or are connected at each end to triangulation or transit traverse of the same or higher order. When started from and ended upon adjusted positions, lines of transit traverse are required to close within the limitations prescribed by the Federal Board of Surveys and Maps,** which are as follows:

First-order, 1 part in 25,000
Second-order, 1 part in 10,000
Third-order, 1 part in 5,000
Fourth-order, 1 part in less than 5,000

Fourth-order traverse, employing the use of transit or compass for direction and paced, taped, or stadia measurements for distance, is utilized by the Geological Survey for plotting topographic detail in mapping operations only; it is not used as geodetic control, and the points determined are not marked by standard tablets.

All transit traverse run by the United States Geological Survey in Missouri is of third-order accuracy unless otherwise stated.

*Formerly designated primary traverse.

**See "Specifications for horizontal and vertical control," approved by the Board May 9, 1933.

Adjustments.*--The computing of traverse begins with an adjustment of the azimuths of courses, as first determined through the measured angles between them, so that they will be consistent with the azimuths obtained by frequent observations made upon the sun or Polaris. With azimuths thus adjusted, and with taped distances corrected for the temperature of the tape, latitudes and departures are computed; these are accumulated for sections of the traverse between marked points and are converted into differences of geodetic latitude and longitude, which are then applied successively, making it possible to carry computed positions through the line from its initial point. A line of traverse beginning at one previously established position and closing upon another usually does not fit exactly between them. The discrepancy thus developed at the end of the line is called the error of closure, and, if not excessive, it is prorated back through the line.

Generally, however, the circumstances of adjustment are not so simple; the lines are run in complicated nets, with many junction points that are not already fixed in position. The adjustment of any one line then depends upon the adjustment of the others in the net. Such nets of traverse lines are adjusted by a method of least squares, so that all links in the net may simultaneously exert their influence proportionately in attaining the result. The coordinates published in this bulletin, having been based upon or brought into agreement with the best information available for the fundamental triangulation and higher orders of transit traverse, are likely to be changed only slightly by future adjustments.

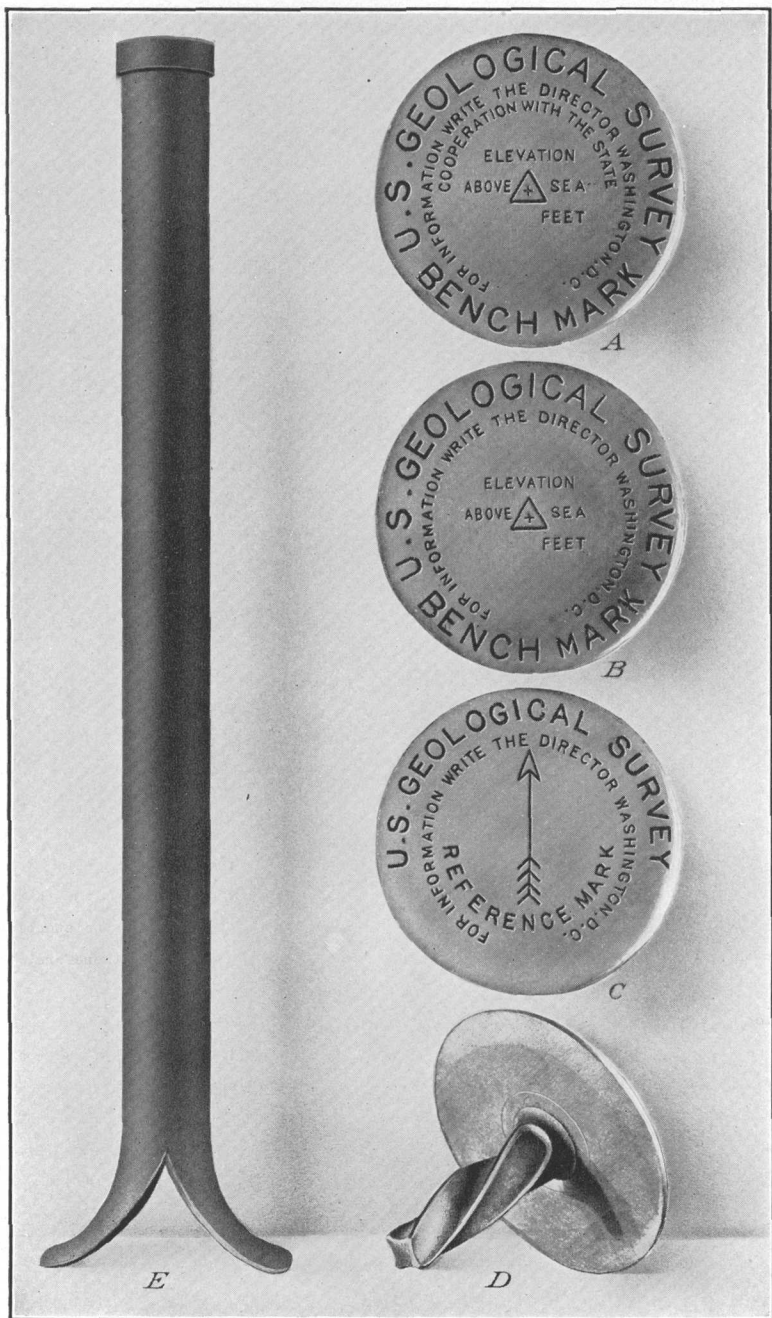
For some of the topographic mapping in Missouri, lines of transit traverse run by the Interstate Commerce Commission for railroad evaluation surveys were used as auxiliary control. In adapting the surveys to this purpose, for which they were not primarily intended, it was necessary to connect independent sections, to tie them to established geodetic positions, and to observe true azimuths at intervals along their routes, in order that transcriptions from the field notes could be recomputed to yield the geodetic positions required.

While the original surveys were undoubtedly well done, the complications involved in the recovery of stations and in recomputations introduced minor inconsistencies which often resulted in excessive closure errors. It is recommended, therefore, that the positions of points in these lines as published in this bulletin be used with caution, particularly where a footnote indicates that an excessive closure was found.

Station marks.--The station marks used by the United States Geological Survey (pl. 1) consist of iron posts and bronze or aluminum tablets of the same form and design as those used as principal benchmarks along lines of leveling. They are placed at intervals of about three miles at sites selected for accessibility and permanence.

The tablets are circular in shape, measure $3\frac{7}{8}$ inches in diameter, and taper from a thickness of three-eighths of an inch at the center to about a quarter of an inch near the rounded edge. During a short period in the years of the earlier surveys the tablets used were made of aluminum. The softness of this metal, however, made them susceptible to damage, so that aluminum as a material for tablets was soon discarded. The earliest tablets were made of bronze, and bronze is the material now specified for standard tablets. Each tablet is cast with a $\frac{3}{4}$ -inch shank extending from the center of its reverse side, by means of which it is cemented in place, and each bears an inscription on its face. The inscriptions on the tablets already placed differ in many

*See Birdseye, C. H., Topographic instructions of the United States Geological Survey: U. S. Geol. Survey Bull. 788, pp. 112-116, 1918.



STANDARD GEOLOGICAL SURVEY STATION MARKS AND BENCH MARKS.

A and *B*. Standard tablets used for triangulation, transit traverse, and leveling where rock or masonry is available to hold them; *A* is used in cooperating States. *C*. Standard reference tablet used in triangulation; the arrow points to the station to which this mark refers. *D*. Under side of *A*, *B*, and *C* showing twisted shank which holds tablet in place. *E*. Standard iron post fitted with bronze cap bearing an inscription similar to that on a standard tablet, formerly used in transit traverse and leveling where no rock was available; superseded by concrete post with tablet set in top.

details, because of changes in design at various times. The face of every tablet, however, is cast with the words "U. S. Geological Survey," a cross at the center which indicates the fiducial point for position or elevation, and the words "Elevation above sea." On some tablets the inscription indicates that they were set in connection with a project in which a State or other organization cooperated; on some the inscription includes a triangle, which signifies a located point, enclosing the cross at the center. Tablets bearing a triangle enclosing a cross may be used not only as traverse- or triangulation-station marks but also as benchmarks. The inscription on most of the tablets already set includes the warning "250 dollars fine for disturbing this mark," but the latest design omits this phrase and adds the sentence "For information write the Director, Washington, D. C."

If the tablet is to mark a transit-traverse station, the traverseman stamps it with letters indicating this use of it, such as "Prim. Trav. Sta.," "P.T.S.," or "T.T.," as well as his own identifying letter or letters, the serial number of the station, and the year, using steel dies. If the tablet is set as a benchmark, the levelman stamps it with his identifying letter or letters, the serial number, and the year. He may at the same time stamp upon it with steel dies the figures of elevation to the nearest foot, or these figures may be added later. Tablets that serve as station marks may have been set as such or they may have been originally established as benchmarks. Thus some of them serve a dual purpose, but each has stamped upon it the date and the identifying designation of only the engineer who established it.

The figures of elevation that appear on a tablet are usually determined by field computation only. It is sometimes found, therefore, that they do not represent the latest information. This has happened either because they refer to some independent datum temporarily adopted before first-order trunk lines made standard datum available, or because a later adjustment made in the office has rendered necessary an appreciable change in the figures as determined in the field. In June 1938 a field party was organized and charged with the responsibility of stamping figures of elevation, to the nearest foot, on the permanent benchmarks established in the State by the Geological Survey. Thus, these figures may appear stamped on the tablets in addition to the identifying letters and numbers quoted in the printed descriptions. It is assumed that engineers and others who require accurate figures of elevation for the marks will use those printed in Bulletin 898, instead of accepting the stamped figures. If the appropriate part of the bulletin is not conveniently accessible, a request for the desired information may be addressed to the Director, Geological Survey, United States Department of the Interior, Washington, D. C.

The tablets, of whatever style, are cemented into holes drilled in solid rocks or in the walls of public buildings, bridge abutments, or other masonry structures. Where masonry or rock is not available, the tablets are set in the tops of reinforced concrete posts, which may be either precast or mixed and molded at the selected site. The posts are about 8 inches square or 8 inches in diameter at the top and larger at the base. They vary in length between 36 and 48 inches and are generally set so as to project about 6 inches above the ground.

Antedating the concrete posts which are now constructed to hold the tablets, in places where masonry or rock is not available, are wrought-iron posts, to the tops of which are riveted bronze caps of similar design to the tablets. These iron posts measure 4 feet in length and $3\frac{1}{2}$ inches in outer diameter and are set about 3 feet in the

ground. The bottom of the post spreads out to a width of about 10 inches in order to give it a firm footing in the earth. No iron posts have been set in recent years. They have proved impracticable, as they are easily disturbed or are often destroyed by rust at the ground level.

Azimuth marks and supplemental points.--When practicable two or more reference points have been observed in the immediate vicinity of each station mark from which azimuths may be found for future use. Such points as church steeples, windmills, water tanks, or copper nails within triangles blazed on large trees have been utilized for this purpose.

Geodetic coordinates have also been determined for road or highway junctions and intersections, railroad stations and crossings, mileposts, and stream crossings.

Preservation and restoration of station marks.--Any person who finds that a station mark has been damaged, disturbed, or destroyed or that it should be reset or redescribed on account of highway or other improvements will render a public service by communicating the facts to the Director, Geological Survey, United States Department of the Interior, Washington, D. C., before taking any action affecting the location or elevation of the mark. A proper form, accompanied by a return-addressed, franked envelope, will be sent for use in reporting the action taken and in recording the revised description of the mark, if any, and the notes made in obtaining the revised position.

Datum.--Horizontal control surveys for the earlier topographic maps made by the United States Geological Survey were expanded as local projects by small arcs of triangulation based upon regional astronomic stations* purposely established to meet such needs.

Later, additional arcs were expanded from locally adjusted positions referred to the astronomic datums of these original projects. This process eventually led to difficulty when the triangulation based on the datum of one region was connected to that based on the datum of another region. It was then found that the closing arc was forced to receive excessive corrections.

Eventually the arcs of first- and second-order triangulation were extended throughout the country so as to form a comprehensive net of such extent and strength that when adjusted it provided one consistent general datum. Using this framework, it was then possible to readjust the earlier local projects on a more uniform and rigid basis. The adjustment of the first-order net as a whole included and represented the averaged results of all available astronomic observations.

Geodetic coordinates resulting from and affected by this adjustment of the first- and second-order triangulation were distinguished from the coordinates accepted as the result of previous adjustments by being referred to the "U. S. standard datum." Subsequently, arcs of triangulation in Canada and in Mexico were adjusted to agree with the net in the United States, and the designation U. S. standard datum was changed to North American datum. For stations in the United States no corrections to coordinates were made as a result of the change in the designation.

*See Woodward, R. S., Latitudes and longitudes of certain points in Missouri, Kansas, and New Mexico: U. S. Geol. Survey Bull. 49, p. 10, 1889. See also Triangulation and spirit leveling--Missouri: U. S. Geol. Survey 18th Ann. Rept., pt. 1, pp. 143-144, 1897.

In 1927 the United States Coast and Geodetic Survey began a complete readjustment of the entire first-order triangulation net, which by that time contained a great many arcs of triangulation that were done after the first general adjustment was completed. The readjustment changed the coordinates of triangulation stations throughout the country. The new datum resulting from this change is referred to as the "North American datum of 1927."

Transit traverse was first used by the United States Geological Survey in 1889 to provide control for a mapping project in northern Missouri. It was adopted as a method of establishing horizontal control to supplant triangulation in wooded or cultivated regions in which the scant relief in topography rendered the continuation of triangulation for mapping requirements slow, costly, and deficient in the number and distribution of stations and useful supplemental points. The regulations of the United States Geological Survey at that time specified that the traverse lines be started and ended either at an astronomic station or at a triangulation station. Thus the changes in datum made in the triangulation net have necessitated corresponding changes in the transit traverse net.

The published results of transit traverse done by the United States Geological Survey contain coordinates referring to one or another of the datums described here, according to the date of the computation or publication. Many of the earlier lines were corrected from their original astronomic datums to the U. S. standard datum soon after the basic coordinates referred to the latter became available. Recently much work has been done to make the coordinates of all transit-traverse stations and supplemental points refer to the North American datum of 1927, but the correction of the records probably will not approach completion for a number of years. The latitude and longitude of all triangulation- and transit-traverse stations, reference marks, and supplemental points in Missouri published in this bulletin are referred to North American datum of 1927.

Location of the area.--Southwestern Missouri, as the term is used in this bulletin and as the subject of part 5 of the bulletin, is that section of the State lying south of latitude $38^{\circ}00'$ and west of longitude $93^{\circ}00'$. (See fig. 9.)

Index map.--The accompanying index map of southwestern Missouri (fig. 10) shows the relative position of the quadrangle areas which make up this section. A quadrangle is the unit of topographic survey adopted by the United States Geological Survey for dividing the area of the United States. All the quadrangles in southwestern Missouri measure 15 minutes in latitude by 15 minutes in longitude.

Maps of many of the quadrangles in southwestern Missouri may be purchased at 10 cents each retail or 6 cents each in lots of 50 or more. Prepayment is required and may be made by money order, payable to the Director, Geological Survey, United States Department of the Interior, or in cash--the exact amount, at sender's risk. Postage stamps should not be sent.

Diagrams of quadrangles showing routes of transit traverse.--At the beginning of the list of descriptions and positions of stations for each quadrangle is a diagram showing the routes followed by the lines of transit traverse in and immediately adjacent to that quadrangle. To aid in identifying these routes, the boundaries of the townships and ranges in the quadrangle are indicated by light dashed lines, and the designations of

these land subdivisions are given on the margin. The principal settlements are also shown. The solid lines represent the routes of transit traverse of the United States Geological Survey. To each of these is assigned a number, and the same number is assigned to the list of descriptions and positions of stations along that route.

Personnel.--The transit traverse of the United States Geological Survey in southwestern Missouri was done under the supervision of the several chief geographers or chief topographic engineers who were in administrative charge of the topographic branch during the years when the lines were run. Included in the heading that precedes the descriptions and positions of stations established along any line of transit traverse are the name of the traverseman who ran that line and the date when it was run.

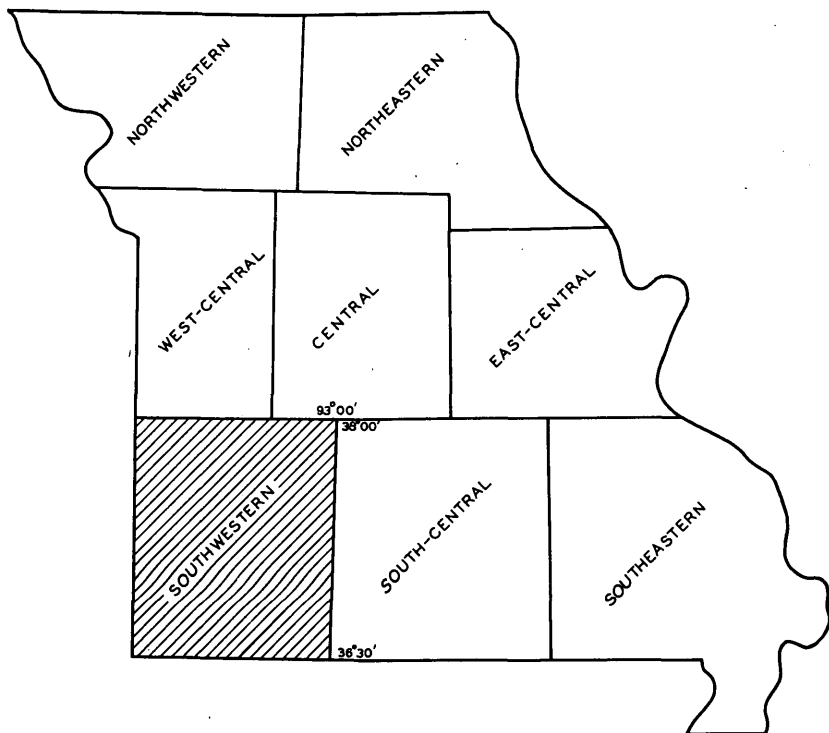


Figure 9.--Outline map of Missouri showing the names and relative position of the eight sections covered by the parts of Bulletin 916, on transit traverse in the State. The shaded portion represents the section designated as southwestern Missouri.

If this information has been omitted, it may be assumed that the traverseman and the date are the same as those indicated for the line immediately preceding. The adjustment of the transit-traverse net was done partly by J. R. Ellis, associate geodetic engineer, assisted by P. W. Goin, junior engineer, in the Washington office and partly by engineers in the field office at Rolla, Mo. The revision, correlation, and compilation of the descriptions and positions of stations was done at Rolla by employees of the Works Progress Administration of Missouri, who also assembled the lists and made new typewritten copies of them suitable for reproduction by photography. The work at

Rolla was sponsored by the Missouri Geological Survey and Water Resources and was in charge of W. R. Broadbuss, of the United States Geological Survey. The work in the Washington office was under the supervision of R. M. Wilson, chief of the section of computing, under the general direction of J. G. Staack, chief topographic engineer.

Explanation of tabulation of geodetic positions.--In the text that follows, the description of each station or supplemental point is followed by its geodetic coordinates and the straight-line diagonal distance in feet between it and the preceding station or supplemental point. The latitude and longitude of each standard station mark is given,

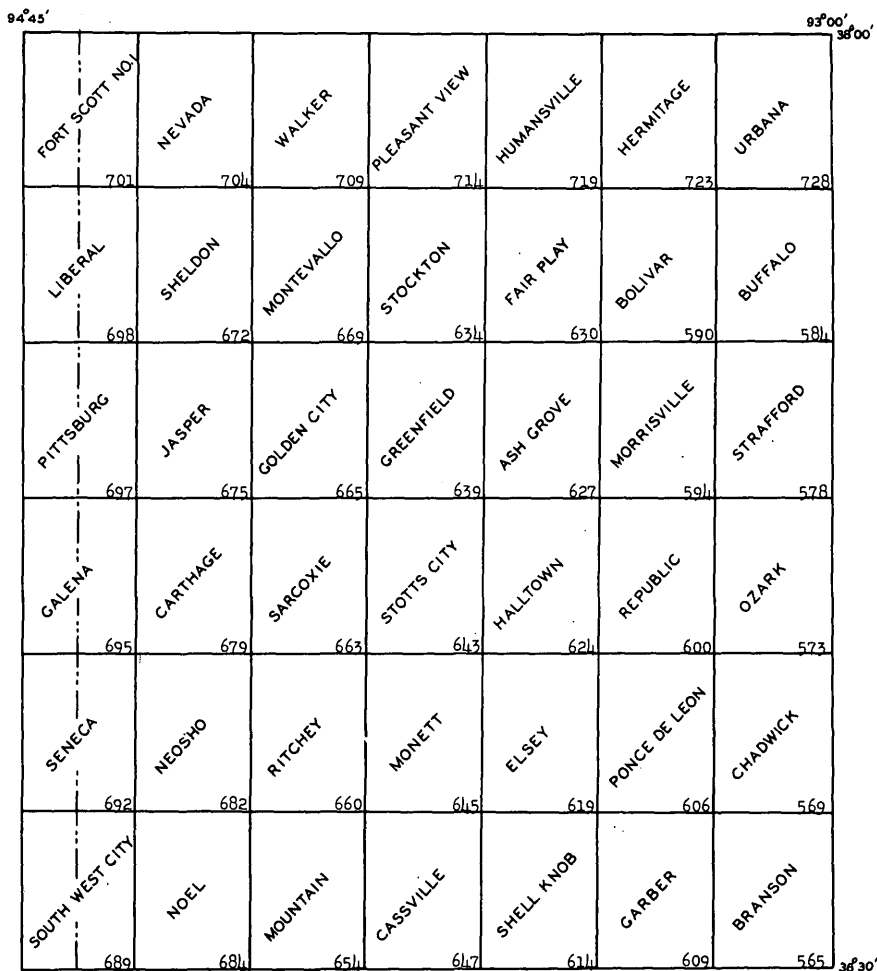


Figure 10.--Index map of southwestern Missouri showing the quadrangles into which this section of the State has been divided. The number in a quadrangle is that of the page of this bulletin on which the list of positions in that quadrangle begins.

with few exceptions, to hundredths of seconds, and the coordinates for supplemental points such as crossroads and mileposts are given to tenths of seconds.

For obvious reasons no distance to a preceding station is given with the coordinates for the actual starting point of a traverse line. However, if an entry in the distance

column appears in parentheses at the beginning of a line, it indicates that the traverse is continuous but that the preceding station is in an adjoining quadrangle and its description and coordinates may be found in the appropriate list. No descriptions are repeated. Stations at traverse junctions are fully described in the line in which they first appear and are thereafter referred to by their designation and the phrase "previously described" in parentheses. The coordinates of the closing station of a traverse are repeated, and the last diagonal distance is indicated.

TRANSIT TRAVERSE IN MISSOURI PREVIOUSLY PUBLISHED

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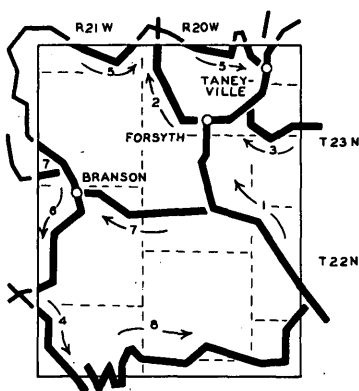
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TRANSIT TRAVERSE

BRANSON QUADRANGLE
(Latitude 36°30'-36°45'; longitude 93°00'-93°15')

Taney County



1. FROM POINT 3.2 MILES SOUTHEAST OF CEDARCREEK NORTHWEST TO FORSYTH, THENCE NORTHEAST INTO CHADWICK QUADRANGLE AT SEC. 22, T. 24 N., R. 19 W., INCLUDING THAT PART OF THE LINE IN PROTEM QUADRANGLE (by W. R. Broadbuss in 1931)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Cedarcreek, 3.2 mi. SE. of, along Protem rd., 65 ft. N. and 12 ft. E. from NW. corner of dwelling of Alvey Huey, 5 ft. W. of foot gate, 2 ft. N. of fence, in concrete post; standard tablet stamped "14 J 1931" -----	36 32 28.81	92 58 49.73	.....
Rd. fork S. -----	36 32 38.6	92 59 18.9	2,579
Groom, NW. corner of store of L. T. Cornett -----	36 33 24.1	92 59 31.6	4,715
Center of bridge over small creek -----	36 33 51.6	92 59 48.2	3,092
Cedarcreek, 17 ft. N. and 62 ft. E. from front door of store and post office, 36 ft. N. of 15-in. cedar tree, in limestone boulder; standard tablet stamped "13 J 1931" -----	36 34 36.32	92 59 52.73	4,542
Rd. fork near triangular-blazed tree -----	36 35 26.5	93 00 42.0	6,475
Cedarcreek, 2.3 mi. NW. of, along rd. to Blackwells Ferry, 13 ft. S. and 9 ft. E. from SE. corner of Bald Knob School, in concrete post; standard tablet stamped "12 J 1931" -----	36 36 10.70	93 01 07.76	4,940
Rd. in front of dwelling of J. H. Wright -----	36 36 37.0	93 01 32.5	3,344
Rd. forks about 220 ft. N. of ford across Cedar Creek -----	36 37 25.2	93 01 34.1	4,878
Rd. forks about 0.2 mi. S. of Blackwells Ferry -----	36 37 32.8	93 01 53.2	1,732
Rd. in front of dwelling of M. H. Brittain -----	36 37 49.6	93 02 17.4	2,606
T-rd. N. -----	36 37 49.8	93 02 27.1	790
Mildred, 1.1 mi. E. of, along rd. to Cedarcreek, 93 ft. S. of S. corner of dwelling of J. W. Fisher, 32 ft. N. and 11 ft. W. from triangular-blazed elm tree, in fence corner, in concrete post; standard tablet stamped "11 J 1931" -----	36 37 53.97	93 02 46.10	1,603
Rd. opposite triangular-blazed tree near junction of dim rd. SE. -----	36 37 58.1	93 03 23.4	3,066
Junction of rds. at W. point of triangle formed by rd. forks -----	36 38 03.4	93 04 45.3	6,698
Crossroads -----	36 38 07.1	93 05 07.5	1,844
Mildred, 64 ft. W. of junction of rd. E. to Cedarcreek, 40 ft. S. of SE. corner of store and post office, in concrete post; standard tablet stamped "10 J 1931" -----	36 38 13.26	93 05 55.78	3,982
T-rd. W. -----	36 39 18.3	93 06 06.7	2,640
Crossroads -----	36 39 58.0	93 05 53.3	4,163
Junction of rd. N. -----	36 40 22.2	93 05 46.3	2,506
Center of bridge -----	36 40 57.7	93 06 01.4	3,801
Point on curb -----	36 41 06.7	93 05 59.6	927
Junction of rd. N. -----	36 41 07.4	93 05 02.3	4,669
Crossroads -----	36 41 27.4	93 04 07.6	4,894
Forsyth, 3 mi. NE. of, along State Highway 78, N. of junction of gravel road S. to Kissees Mills, in line with rd. S., in concrete post; standard tablet stamped "T 32 B 1931" -----	36 41 53.75	93 03 10.28	5,377
Crossroads -----	36 42 19.1	93 02 57.7	2,766
Crossroads -----	36 43 24.3	93 02 57.4	6,590

Station	Latitude	Longitude	Distance
Crossroads in front of Dickinson store ----- Taneyville, on State Highway 78, 8 ft. N. of front entrance of post-office building owned by Jerry Gordon, in front porch; standard tablet stamped "T T 33, B 1931" ----- Rd. forks -----	36 43 44.8 36 44 27.53 36 44 45.0	93 02 40.7 93 02 01.79 93 01 53.4	Feet 2,480 5,360 1,900

(Continued in Chadwick quadrangle; see line 2.)

2. FROM FORSYTH NORTH ALONG STATE HIGHWAY 76 TO SEC. 17, T. 24 N., R. 20 W.,
THENCE NORTH ALONG ROADS INTO CHADWICK QUADRANGLE AT SEC. 7, T. 24 N.,
R. 20 W. (by W. R. Broadus in 1931)

Point on curb (previously described) ----- Forsyth, in SE. corner of courthouse; aluminum tablet stamped "1903 695 Adj" ----- Rd. junction ----- Forsyth, 1.6 mi. NW. of, about 500 ft. S. of El Bonita Inn, 105 ft. S. and 30 ft. E. from highway opposite front door to office building at Shepherd of the Hills Estate Resort, 25 ft. W. of concrete pillar of water tower, at NW. corner of golf course, in concrete post; stan- dard tablet stamped "73 G 1931" ----- Junction of rd. E. ----- Highway at dwelling on W. side of highway ----- Forsyth, 4.5 mi. N. of, 355 ft. N. and 125 ft. W. from junction of Chadwick-Forsyth ridge rd., 45 ft. S. and 22 ft. E. from center of trans- mission-line tower, at SW. corner of garden of Barton Ever, in concrete post; standard tab- let stamped "72 G 1931" ----- Center of small bridge ----- T-rd. W. -----	36 41 06.7 36 41 07.17 36 40 57.7 36 41 11.14 36 42 32.0 36 43 00.5 36 43 31.24 36 44 07.4 36 44 30.6	93 05 59.6 93 05 59.58 93 06 44.4 93 07 11.07 93 07 29.4 93 07 31.2 93 07 32.31 93 07 34.9 93 07 53.0 45 3,778 2,558 8,313 2,886 3,111 3,664 2,769
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(Continued in Chadwick quadrangle; see line 3.)

3. FROM SEC. 18, T. 23 N., R. 18 W., WEST TO SEC. 25, T. 24 N., R. 20 W.,
INCLUDING THAT PART OF THE LINE IN PROTEM QUADRANGLE (by L. A. Cassil
in 1934)

Kissee Mills, 4.1 mi. E. of, along old Cane Creek rd., in NW 1/4 SW 1/4 sec. 18, T. 23 N., R. 18 W., on slope leading to dwelling of I. M. Roberts, 65 ft. W. of SE. corner of barnyard fence, 22 ft. S. of fence, 35 ft. N. and 10 ft. W. from triangular-blazed cedar tree, in concrete post; standard tab- let stamped "T T 22 C 1934" ----- Junction of dim rd. E. ----- T. 23 N., Rs. 18 and 19 W., approximate cor. secs. 7, 12, 13, and 18, stone ----- Rd. opposite triangular-blazed 30-in. hard-maple tree ----- Center of wooden bridge over creek ----- Rd. opposite gate in wire fence ----- Rd. at fence corner ----- Rd. opposite gate to Kissee Mills Cemetery ----- Kissee Mills, in SE 1/4 sec. 15, T. 23 N., R. 19 W., 75 ft. N. of rd. in line with E. face of Kissee Mills School, in concrete post; standard tablet stamped "T T 23 C 1934" ----- Rd. at fences E. and W. ----- Junction of dim rd. S. ----- County Route C at rd. S. ----- County Route C at rd. SW. ----- T T 32 B 1931 (previously described) -----	36 40 36.98 36 40 54.0 36 41 08.9 36 41 13.0 36 41 24.1 36 41 28.2 36 40 55.2 36 40 38.5 36 40 37.77 36 40 32.0 36 40 51.7 36 40 59.2 36 41 20.8 36 41 53.75	92 58 27.76 92 58 44.3 92 59 05.9 93 00 04.6 93 00 24.0 93 00 43.2 93 01 06.2 93 01 12.2 93 01 31.94 93 01 58.3 93 02 20.1 93 02 55.6 93 03 08.6 93 03 10.28 2,160 2,310 4,800 1,950 1,620 3,830 1,760 1,610 2,220 2,670 2,990 2,420 3,340
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4. FROM GARBER QUADRANGLE SOUTHEAST ALONG U.S. HIGHWAY 65 TO ARKANSAS-
MISSOURI STATE LINE, INCLUDING THAT PART OF THE LINE IN HARRISON
NO. 1 QUADRANGLE (by C. D. Craig in 1936)

(Continued from Garber quadrangle; see line 6.)

Junction of rd. E. through large vineyard ----- Ridgedale, highway in front of door to post office ----- T. 21 N., R. 21 W., center of NE 1/4 sec. 7, iron hub ----- Junction of rd. W. ----- Ridgedale School, 0.3 mi. SE. of, 23 ft. S. and 110 ft. E. from junction of rd. E., 3 ft. S. and 10 ft. E. from 20-in. black-oak tree, in concrete post; standard tablet stamped "T T 19 C 1936" ----- Highway at fence S. ----- Highway at fence W. -----	36 32 34.6 36 32 17.3 36 32 17.2 36 31 51.9 36 31 27.47 36 31 07.4 36 30 51.6	93 14 57.5 93 14 52.6 93 14 39.7 93 14 52.2 93 14 32.00 93 14 10.0 93 13 47.7	(3,530) 1,803 1,047 2,748 2,976 2,707 2,427
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Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 21 N., R. 21 W., in SW 1/4 sec. 21, 0.3 mi. N. of Ark.-Mo. State line, 28 ft. E. of highway, 47 ft. W. of door of service sta., in concrete post; standard tablet stamped "T T 20 C 1936" -----	36 30 07.92	93 13 20.37	4,946
Highway at Ark.-Mo. State line sign -----	36 29 52.6	93 13 39.2	2,184
T. 21 N., R. 21 W., in SE 1/4 sec. 20, iron pin in pile of rocks on Ark.-Mo. State line -----	36 29 53.0	93 13 23.4	1,294

5. FROM CHADWICK QUADRANGLE AT SEC. 29, T. 24 N., R. 21 W., EAST TO TANEYVILLE (by C. W. Williams in 1937)
(Continued from Chadwick quadrangle; see line 7.)

State Highway 76 at fences N. and S. -----	36 44 56.9	93 13 13.7	(4,191)
T. 24 N., R. 21 W., S. sixteenth cor. between secs. 27 and 28, stone at SE. corner of garden-Bear Creek, center of State Highway 76 bridge over -----	36 44 47.5	93 12 09.1	5,340
Walnut Shade, on State Highway 76, in sec. 34, T. 24 N., R. 21 W., 250 ft. N. of Bull Creek, 56 ft. N. and 14 ft. E. from N. corner of Walnut Shade Cash Store; iron post stamped "T T 7 W 1937 1903 758 Adj" -----	36 43 56.75	93 11 34.62	4,597
Rd. at fences N. and S. on line between secs. 25 and 26, T. 24 N., R. 21 W. -----	36 44 54.0	93 09 59.9	9,644

(For balance in Chadwick quadrangle, see line 7.)

Rd. at fences N. and S. -----	36 44 40.3	93 06 27.2	(4,702)
Rd. at fence S. -----	36 44 41.3	93 05 56.3	2,524
Taneyville, about 2.5 mi. W. of, in SE 1/4 SW 1/4 sec. 10, T. 24 N., R. 20 W., 143 ft. N. of N. end of low-water bridge over Swan Creek, in line with W. edge, 33 ft. E. of fence corner, 2 ft. N. of fence, in concrete post; standard tablet stamped "T T 8 W 1937" -----	36 44 29.16	93 05 29.79	2,480
Rd. at fence N. -----	36 44 44.6	93 04 53.2	3,361

(For balance in Chadwick quadrangle, see line 7.)

Rd. corner from N.-E. -----	36 44 45.7	93 02 46.7	(4,667)
T T 33 B 1931 (previously described) -----	36 44 27.53	93 02 01.79	4,089

6. FROM GARBER QUADRANGLE SOUTHEAST AND SOUTHWEST ALONG U.S. HIGHWAY 65 INTO GARBER QUADRANGLE (by C. W. Williams in 1937)
(Continued from Garber quadrangle; see line 8.)

Highway at fences N. and S. -----	36 39 52.6	93 14 53.8	(4,723)
T. 23 N., R. 21 W., quarter cor. between secs. 29 and 30, stone near T-fence W. -----	36 39 51.2	93 14 21.2	2,662
Highway at fences N. and S. -----	36 39 44.6	93 13 48.8	2,721
Junction of County Route F -----	36 39 23.8	93 13 16.7	3,356
U.S.C. & G.S. standard disk stamped "K 61 1934" -----	36 38 35.70	93 12 51.43	5,282
U.S.C. & G.S. standard disk stamped "P 65 1934" -----	36 38 15.72	93 12 58.31	2,291
U.S.C. & G.S. standard disk stamped "Q 65 1934" -----	36 37 24.71	93 12 59.78	4,957
Crossroad -----	36 37 15.2	93 13 05.8	1,258
Junction of rd. S. -----	36 37 04.1	93 13 43.8	3,226
Hollister, 1.5 mi. SW. of, 90 ft. W. of junction of County Route V, in concrete post; standard tablet stamped "T T 31 W 1937" -----	36 36 48.58	93 14 12.26	2,805
Highway at fence E. -----	36 36 25.7	93 14 11.3	2,519
Junction of State Highway 86 -----	36 36 03.7	93 14 07.6	2,038
Highway at fences E. and W. -----	36 35 17.5	93 14 00.8	4,709
Hollister, 3.7 mi. SW. of, 40 ft. W. of highway, 40 ft. S. and 43 ft. E. from SE. corner of farmhouse of W. E. Freeman, in concrete post; standard tablet stamped "T T 32 W 1937" -----	36 35 03.65	93 14 14.20	1,774
T. 22 N., R. 21 W., cor. secs. 19, 20, 29, and 30, stone in fence corner -----	36 35 04.8	93 14 20.4	520
Highway at fences E. and W. -----	36 34 39.2	93 14 28.0	2,663

(Continued in Garber quadrangle; see line 8.)

7. FROM SEC. 21, T. 23 N., R. 20 W., WEST ALONG STATE HIGHWAY 80 TO BRANSON, THENCE WEST ALONG MISSOURI PACIFIC RAILROAD INTO GARBER QUADRANGLE (by C. W. Williams in 1937)

10 J 1931 (previously described) -----	36 38 13.26	93 05 55.78	.....
Highway at fences N. and S. -----	36 37 59.8	93 06 11.3	1,860
U.S.C. & G.S. standard disk stamped "R 61 1934" -----	36 37 50.09	93 06 33.34	2,046
Highway at fences N. and S. on line between secs. 20 and 21, T. 23 N., R. 20 W. -----	36 37 52.7	93 07 00.4	2,216

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Junction of rd. N. -----	36 37 51.8	93 07 32.6	2,631
U.S.C. & G.S. standard disk stamped "Q 61 1934"-----	36 37 33.10	93 08 21.51	4,410
T. 23 N., R. 20 W., center of SW 1/4 sec. 19, stone in rd. at fence E. -----	36 37 33.2	93 08 37.6	1,308
Junction of rd. N. -----	36 37 22.7	93 09 16.3	3,330
Kirbyville, highway at Main Street -----	36 37 23.2	93 09 52.7	2,968
U.S.C. & G.S. standard disk stamped "N 61 1934"-----	36 37 40.86	93 10 20.99	2,916
Highway at fence S. -----	36 38 01.6	93 10 36.1	2,430
T. 23 N., R. 21 W., E. sixteenth cor. on S. line sec. 34, iron pin in fence corner 8 ft. E. of stake at E. sixteenth cor. on N. line sec. 3, -----			
T. 22 N., R. 21 W. -----	36 38 30.1	93 11 24.2	4,871
U.S.C. & G.S. standard disk stamped "M 61 1934"-----	36 38 43.65	93 11 27.46	1,394
T. 22 N., R. 21 W., N. cor. secs. 3 and 4, high- way at fence S. -----			
K 61 1934 (previously described) -----	36 38 31.0	93 12 12.6	3,892
Missouri Pacific R.R. at fence S. -----	36 38 35.70	93 12 51.43	3,203
	36 39 01.1	93 13 58.4	6,036

(Continued in Garber quadrangle; see line 12.)

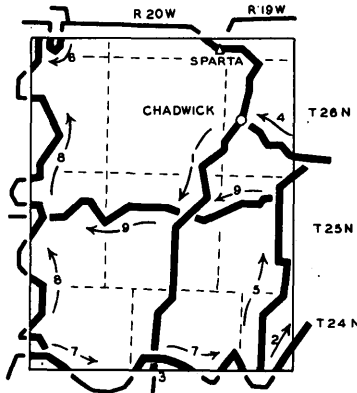
8. FROM SEC. 21, T. 21 N., R. 21 W., EAST AND NORTH TO CEDARCREEK,
INCLUDING THAT PART OF THE LINE IN HARRISON NO. 1 AND PROTEM
QUADRANGLES (by C. W. Williams in 1937)

T T 20 C 1936 (previously described) -----	36 30 07.92	93 13 20.37	.....
T. 21 N., R. 21 W., W. sixteenth cor. on S. line sec. 21, iron pin on Ark.-Mo. State line -----	36 29 53.0	93 13 23.4	1,525
U.S.C. & G.S. standard disk stamped "W 65 1934"-----	36 29 52.89	93 12 34.24	4,014
U.S.C. & G.S. standard disk stamped "V 65 1934"-----	36 30 33.40	93 12 24.32	4,176
Rd. at fences E. and W. on Ark.-Mo. State line -----	36 29 52.4	93 11 31.8	5,968
Rd. at fence W. -----	36 30 15.8	93 11 37.0	2,403
Rd. forks -----	36 30 40.9	93 11 28.8	2,628
Rd. at fence N. -----	36 30 46.6	93 10 56.8	2,676
T. 21 N., R. 21 W., in SE 1/4 NW 1/4 sec. 14, 36 ft. N. and 24 ft. W. from old Harrison- Springfield rd. at private drive to farmhouse of J. H. Berry, 8 ft. N. of pine tree, in con- crete post; standard tablet stamped "T T 35 W 1937" -----			
Rd. at W. point of triangle formed by rd. forks -----	36 31 16.34	93 10 37.77	3,386
Rd. at triangular-blazed 10-in. black-oak tree -----	36 31 23.8	93 10 09.0	2,468
Rd. at triangular-blazed 10-in. post-oak tree -----	36 30 56.8	93 09 40.3	3,604
Rd. at fences N. and S. -----	36 30 28.9	93 08 57.4	4,495
T. 21 N., R. 20 W., near S. cor. secs. 31 and 32, 112 ft. NW. of farmhouse of Sam Frances, 76 ft. N. of rd., in limestone ledge; standard tablet stamped "T T 36 W 1937" -----	36 30 24.4	93 08 21.2	2,995
W. point of triangle formed by rd. forks -----	36 30 30.06	93 08 10.59	1,032
Junction of private rd. S. -----	36 30 35.4	93 07 45.4	2,126
T. 22 N., R. 20 W., cor. secs. 27, 28, 33, and 34, iron pin in pile of stones -----	36 30 52.2	93 06 36.9	5,847
Mincy, 3.4 mi. S. of, in NW 1/4 SW 1/4 sec. 27, T. 22 N., R. 20 W., 27 ft. N. and 19 ft. W. from junction of rd. along Bee Creek, in con- crete post; standard tablet stamped "T T 37 W 1937" -----	36 31 17.5	93 06 03.5	3,736
Rd. in line with W. face of Bee Creek School -----	36 31 33.55	93 05 48.50	2,032
Rd. at fences N. and S. -----	36 31 19.0	93 05 08.2	3,607
Rd. at fence N. -----	36 31 06.2	93 04 43.3	2,405
T. 21 N., R. 20 W., in NE 1/4 NW 1/4 sec. 1, 740 ft. E. of ford across Bee Creek, 10 ft. S. and 24 ft. W. from T-rd. N., in concrete post; standard tablet stamped "T T 41 W 1937" -----	36 30 26.6	93 03 35.0	6,862
Tps. 21 and 22 N., R. 20 W., E. cor. secs. 1 and 36, pile of rocks near N.-S. fence -----	36 30 09.44	93 03 22.28	2,027
Rd. at fences N. and S. -----	36 30 25.1	93 02 49.3	3,127
Rd. at fence E. -----	36 30 41.9	93 02 01.7	4,236
T. 21 N., R. 19 W., E. sixteenth cor. between secs. 11 and 14, 26 ft. N. and 140 ft. E. from, 37 ft. S. of rd. at fence W., 15 ft. N. of gate, 15 ft. W. of rd., in concrete post; stan- dard tablet stamped "T T 42 W 1937" -----	36 30 32.2	93 00 35.6	7,258
Rd. at N. face of Loafers Glory School -----	36 30 39.92	93 00 39.25	902
T-rd. W. -----	36 31 15.8	93 01 12.3	4,525
Rd. at fence W. -----	36 31 38.5	93 01 26.9	2,581
T-rd. W. -----	36 31 58.7	93 01 28.8	2,044
T. 22 N., R. 19 W., S. sixteenth cor. sec. 35, 9 ft. N. of rd. corner from W.-N., in center of triangle formed by rd. forks, in concrete post; standard tablet stamped "T T 43 W 1937"-----	36 32 19.1	93 01 21.7	2,144
Rd. at fence E. -----	36 32 37.51	93 00 54.70	2,883
Rd. in line with NW. face of Liberty School -----	36 33 03.2	93 00 08.9	4,549
Rd. at fences E. and W. -----	36 33 29.3	92 59 38.8	3,607
13 J 1931 (previously described) -----	36 34 09.6	92 59 47.7	4,135
	36 34 36.32	92 59 52.73	2,735

Magnetic declination 6° 48' E.

CHADWICK QUADRANGLE
(Latitude 36°45'-37°00'; longitude 93°00'-93°15')

Christian and Taney Counties



1. FROM OZARK QUADRANGLE AT SEC. 36, T. 27 N., R. 20 W., SOUTH ALONG ST. LOUIS-SAN FRANCISCO RAILWAY TO CHADWICK, THENCE SOUTH ALONG ROADS TO SEC. 5, T. 24 N., R. 20 W. (by D. W. Weber in 1931)
(Continued from Ozark quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Sparta, 160 ft. N. and 48 ft. W. from St. Louis-San Francisco Ry. sta., 1 ft. S. and 3 ft. E. from SW. corner of garden fence, in concrete post; standard tablet stamped "67 G 1931" -----	36 59 55.15	93 04 57.36	(961)
R.R. at rd. crossing -----	36 59 53.3	93 04 53.2	389
T-rd. E. -----	36 59 37.8	93 04 53.4	1,565
Sparta triangulation sta.; U.S.C. & G.S. standard disk stamped "Sparta" -----	36 59 34.95	93 04 46.53	627
T-rd. W. -----	36 59 35.2	93 03 32.6	5,996
R.R. at rd. crossing -----	36 59 22.7	93 03 05.4	2,543
T-rd. E. -----	36 58 42.1	93 02 24.5	5,280
Oldfield, 0.2 mi. S. of St. Louis-San Francisco Ry. sta., 67 ft. N. of track opposite milepole 269.5, 7 ft. W. of track, in large limestone boulder; standard tablet stamped "68 G 1931" --	36 58 30.12	93 02 27.71	1,240
R.R. at rd. crossing -----	36 57 28.7	93 02 51.6	6,507
Triangular-blazed 20-in. oak tree -----	36 57 13.9	93 03 17.2	2,560
R.R. at rd. crossing -----	36 56 46.4	93 03 15.5	2,779
T-rd. W. -----	36 56 21.2	93 03 25.4	2,676
Chadwick, 20 ft. N. and 125 ft. W. from NW. corner of St. Louis-San Francisco Ry. sta., 1 ft. N. and 5 ft. W. from NE. corner of yard of Robert Adams, in concrete post; standard tablet stamped "69 G 1931" -----	36 55 58.24	93 03 18.90	2,380
Front entrance to Consolidated School No. 1 -----	36 55 23.5	93 03 27.9	3,591
Rd. fork E. -----	36 55 18.1	93 03 31.8	625
Rd. forks -----	36 54 55.6	93 03 49.4	2,693
Junction of trail S. -----	36 54 31.7	93 04 25.7	3,819
Blazed 60-in. white-oak tree, 10 ft. S. and 25 ft. W. from junction of dim rd. SW. through gate -----	36 54 32.8	93 04 37.4	950
Chadwick, 3.3 mi. S. of, 30 ft. E. of rd., 6 ft. S. of E.-W. fence, 7 ft. SE. of 20-in. white-oak tree, at NW. corner of field, in concrete post; standard tablet stamped "70 G 1931" -----	36 54 06.08	93 05 09.71	3,769
U.S.G.S. E.M. painted "1345.5" (no description available) -----	36 53 41.0	93 05 27.8	2,936
Blazed 20-in. white-oak tree, 25 ft. E. of rd. --	36 53 17.8	93 05 25.2	2,349
Blazed 36-in. black-oak tree, 25 ft. S. of rd. --	36 52 35.4	93 05 21.8	4,297
Blazed 12-in. black-oak tree, 70 ft. N. and 30 ft. E. from crossroads -----	36 52 24.6	93 05 36.7	1,637
Low Gap, 0.5 mi. N. of, 33 ft. S. 30° W. of SW. corner of Oak Wood School, in line with W. face, in concrete post; standard tablet stamped "71 G 1931" -----	36 52 00.16	93 06 17.38	4,126
Low Gap, crossroads at -----	36 51 36.7	93 06 50.3	2,699
Rd. forks -----	36 51 31.6	93 07 07.2	2,885

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Low Gap, about 3 mi. S. of, 56 ft. S. and 49 ft. E. from SE. corner of Calvenger's store, 28 ft. N. of rd., 3 ft. S. of wooden fence, in concrete post; standard tablet stamped "T T Sta No 33 W 1931" -----	36 50 20.62	93 06 57.12	7,229
Front entrance to Pine Ridge School -----	36 49 38.7	93 06 43.2	4,383
Rd. at transmission line -----	36 49 08.7	93 06 53.7	3,151
T-rd. W. -----	36 48 48.1	93 06 59.1	2,135
Low Gap, about 5.8 mi. S. of, 1,130 ft. S. of Sloane's store, 57 ft. S. of rd., 50 ft. N. 41° 50' W. of triangular-blazed 20-in. oak tree, 1 ft. N. and 3 ft. W. from fence corner, in concrete post; standard tablet stamped "T T Sta No 34 W 1931" -----	36 48 02.16	93 06 56.09	4,650
Triangular-blazed 24-in. oak tree -----	36 47 23.0	93 07 38.3	5,237
Forsyth, 6 mi. N., thence 2 mi. W. from, 26 ft. N. of rd., 17 ft. S. and 34 ft. E. from triangular-blazed 20-in. oak tree, 9 ft. N. and 2 ft. W. from fence corner, in concrete post; standard tablet stamped "T T Sta No 35 W 1931" -----	36 46 00.27	93 08 11.67	8,801

2. FROM BRANSON QUADRANGLE AT SEC. 22, T. 24 N., R. 19 W., NORTHEAST INTO
BRADLEYVILLE QUADRANGLE AT SEC. 13, T. 24 N., R. 19 W. (by W. R. Broaddus
in 1931)

(Continued from Branson quadrangle; see line 1.)

Crossroads -----	36 45 56.2	93 00 39.2	(9,400)
State Highway 78 at junction of old highway W. (in Bradleyville quadrangle) -----	36 46 24.0	92 59 29.1	6,354

3. FROM BRANSON QUADRANGLE AT SEC. 7, T. 24 N., R. 20 W., NORTH TO SEC. 5,
T. 24 N., R. 20 W. (by W. R. Broaddus in 1931)

(Continued from Branson quadrangle; see line 2.)

T-rd. E. -----	36 45 23.4	93 07 58.1	(5,358)
T T Sta No 35 W 1931 (previously described) -----	36 46 00.27	93 08 11.67	3,889

4. FROM BRADLEYVILLE QUADRANGLE AT SEC. 3, T. 25 N., R. 19 W., NORTHWEST
TO CHADWICK (by I. A. Cassil in 1934)

Chadwick, 5.2 mi. E. of, along rd. to Merritt, about 200 ft. S. and 50 ft. W. from NE. cor. NW 1/4 NW 1/4 sec. 2, T. 25 N., R. 19 W., 100 ft. W. of creek crossing, 34 ft. N. of rd., 34 ft. W. of triangular-blazed 9-in. locust tree in fence row, in ledge; standard tablet stamped "T T 27 C 1934" (in Bradleyville quadrangle) -----	36 53 51.73	92 59 36.30	.....
Rd. at triangular-blazed tree in fence corner ---	36 53 56.8	93 00 26.6	4,120
Rd. at triangular-blazed tree -----	36 54 41.4	93 00 58.7	5,210
Chadwick, 2.6 mi. SE. of, along Chadwick-Merritt rd., about halfway down long, winding hill, 10 ft. S. of triangular-blazed 12-in. tree, 30 ft. S. of rd., in pasture, in ledge; standard tablet stamped "T T 28 C 1934" -----	36 54 56.49	93 01 28.62	2,870
Rd. on curve at triangular-blazed white-oak tree ---	36 55 03.6	93 01 55.2	2,280
Rd. at fences N. and S. -----	36 55 27.3	93 02 32.7	3,870
Center of triangle at rd. fork N. -----	36 55 56.2	93 02 49.1	3,210
69 d 1931 (previously described) -----	36 55 58.24	93 03 18.90	2,430

5. FROM BRANSON QUADRANGLE AT SEC. 22, T. 24 N., R. 19 W., NORTH ALONG
ROADS TO SEC. 27, T. 25 N., R. 19 W., THENCE NORTH ALONG STATE
HIGHWAY 125 AND ROADS INTO BRADLEYVILLE QUADRANGLE AT SEC. 3,
T. 25 N., R. 19 W. (by C. N. Ackerman in 1935)

T T 33 B 1931 (In Branson quadrangle; see line 1)	36 44 27.53	93 02 01.79	.....
Crossroads -----	36 45 20.3	93 01 46.0	5,491
Rd. at fences E. and W., 75 ft. W. of S. sixteenth cor. sec. 15, T. 24 N., R. 19 W. -----	36 45 46.5	93 01 43.0	2,656
Center of rd. at point 50 ft. E. of N. sixteenth cor. sec. 15, T. 24 N., R. 19 W. -----	36 46 13.1	93 01 41.0	2,696
Garrison, 5.9 mi. SW. of, in SW 1/4 sec. 10, T. 24 N., R. 19 W., 15 ft. N. and 10 ft. W. from SW. corner of dwelling of E. Goddwin, 20 ft. E. of rd., in concrete post; standard tablet stamped "1380 E R A 1935" -----	36 46 47.61	93 01 52.39	3,611
T-rd. E. -----	36 47 26.1	93 01 52.9	3,894
Rd. fork N. -----	36 47 46.2	93 01 33.2	2,589
Rd. fork E. -----	36 48 04.9	93 00 43.2	4,487
Rd. at triangular-blazed 18-in. sycamore tree ---	36 48 31.4	93 00 21.3	3,220

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Garrison, 2.8 mi. S. of, in SE 1/4 sec. 34, T. 25 N., R. 19 W., 71 ft. S. of SW. corner of dwelling of D. E. Case, in concrete post; standard tablet stamped "1397 E R A 1935" -----	36 48 42.84	93 00 09.92	1,478
Rd. fork NW. -----	36 49 10.3	93 00 12.6	2,782
Junction of rd. S. -----	36 49 36.0	93 00 40.0	3,430
Triangular-blazed 12-in. walnut tree bearing Forest Service poster marked "38 chains N. of cor. secs. 27, 28, 33, and 34, T. 25 N., R. 19 W." -----	36 50 03.0	93 01 03.4	3,324
Garrison, in NE 1/4 sec. 28, T. 25 N., R. 19 W., 40 ft. N. and 115 ft. W. from rock-store building of Ray Rozell, 30 ft. N. of County Route A, in concrete post; standard tablet stamped "1398 E R A 1935" -----	36 50 37.44	93 01 02.31	3,482
Triangular-blazed 8-in. black-oak tree bearing Forest Service poster marked "32 chains S. of cor. secs. 15, 16, 21, and 22, T. 25 N., R. 19 W." -----	36 51 01.1	93 01 01.9	2,397
T. 25 N., R. 19 W., quarter cor. between secs. 15 and 16, stone with chiseled cross on E. side of highway at fence S., about 25 ft. NE. of triangular-blazed 10-in. black-oak tree -----	36 51 45.1	93 01 01.4	4,446
Center of highway at point 55 ft. S. of triangular-blazed 10-in. oak tree bearing Forest Service poster marked "24 chains S. of quarter cor. between secs. 9 and 10, T. 25 N., R. 19 W." -----	36 52 21.3	93 01 01.2	3,658
Triangular-blazed 5-in. hickory tree bearing Forest Service poster marked "29 1/2 chains S. of cor. secs. 3, 4, 9, and 10, T. 25 N., R. 19 W." -----	36 52 44.6	93 01 00.6	2,353
Garrison, 2.5 mi. N. of, along County Route A, thence 0.5 mi. E., 43 ft. S. and 22 ft. E. from SE. corner of concrete blockhouse of Everett Mitchell, in concrete post; standard tablet stamped "1399 E R A 1935" -----	36 52 42.46	93 00 36.24	1,992
Triangular-blazed 12-in. hard-maple tree -----	36 52 58.9	93 00 55.3	2,271
Rd. at fence W. -----	36 53 30.4	93 00 44.9	3,295
T-rd. S. -----	36 53 51.2	93 00 00.7	4,161
T T 27 C 1934 (previously described) -----	36 53 51.73	92 59 36.30	1,982

6. FROM OZARK QUADRANGLE AT SEC. 33, T. 27 N., R. 21 W., NORTHWEST INTO OZARK QUADRANGLE AT SEC. 33, T. 27 N., R. 21 W. (by R. S. Wilson in 1935)

(Continued from Ozark quadrangle; see line 7.)

Rd. forks -----	36 59 55.3	93 14 23.2	(3,729)
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(Continued in Ozark quadrangle; see line 7.)

7. FROM PONCE DE LEON QUADRANGLE AT SEC. 24, T. 24 N., R. 22 W., EAST INTO BRANSON QUADRANGLE AT SEC. 12, T. 24 N., R. 20 W. (by C. W. Williams in 1937)

(Continued from Ponce de Leon quadrangle; see line 4.)

Walnut Shade, 3.6 mi. NW. of, along State Highway 76, 42 ft. S. and 1 ft. W. from highway at fences N. and S., in concrete post; standard tablet stamped "T T 6 W 1937" -----	36 45 25.52	93 14 33.96	(3,139)
State Highway 76 at fences N. and S. -----	36 45 11.7	93 14 01.8	2,969

(For balance in Branson quadrangle, see line 5.)

Triangular-blazed 6-in. elm tree, 13 ft. SE. of rd. -----	36 45 21.0	93 08 41.5	(6,936)
Rd. at fences N. and S. -----	36 45 43.4	93 08 16.8	3,030
Rd. at fences E. and W. -----	36 45 47.1	93 08 06.4	921
T T Sta No 35 W 1931 (previously described) -----	36 46 00.27	93 08 11.67	1,396
T-rd. E. -----	36 45 23.4	93 07 58.2	3,887
T. 24 N., R. 20 W., E. sixteenth cor. between secs. 5 and 8, iron pin in pile of rocks -----	36 45 07.4	93 07 14.2	3,934

(For balance in Branson quadrangle, see line 5.)

Rd. at fence N. -----	36 45 01.0	93 04 22.3	(3,012)
Rd. forks -----	36 45 02.7	93 03 40.0	3,449

(Continued in Branson quadrangle; see line 5.)

8. FROM SEC. 19, T. 24 N., R. 21 W., NORTH INTO OZARK QUADRANGLE AT SEC. 32, T. 27 N., R. 21 W. (by C. W. Williams in 1937)

T T 6 W 1937 (previously described) -----	36 45 25.52	93 14 33.96
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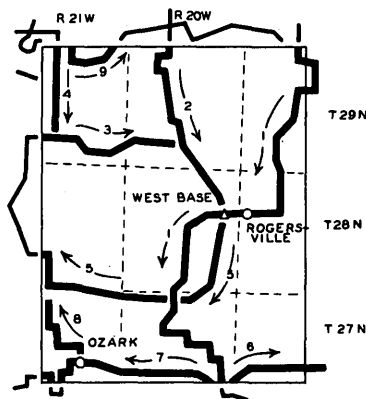
Station	Latitude	Longitude	Distance
T. 24 N., R. 21 W., quarter cor. between secs. 18 and 19, stone at T-fence W. -----	36 46 21.4	93 14 33.2	5,650
(For balance in Ponce de Leon quadrangle, see line 5.)			
Junction of dim rd. -----	36 47 35.5	93 14 58.2	(5,264)
T. 24 N., R. 21 W., in SW 1/4 sec. 6, 38 ft. N. and 710 ft. E. from rd. at fences N. and S., 16 ft. N. and 19 ft. W. from T-rd. W., in fence corner, in concrete post; standard tablet stamped "T T 9 W 1937" -----	36 48 19.76 36 48 46.9	93 14 38.90 93 14 37.1	4,741 2,747
Rd. forks -----	36 49 23.1	93 14 49.6	3,801
T. 25 N., R. 21 W., W. sixteenth cor. sec. 33, T-fence N. -----			
(For balance in Ponce de Leon quadrangle, see line 5.)			
Rd. at fences E. and W. -----	36 51 32.8	93 14 42.4	(2,118)
Junction -----	36 51 57.7	93 14 35.2	2,594
(For balance in Ponce de Leon quadrangle, see line 5.)			
Rd. at fence W. -----	36 54 10.7	93 14 39.0	(5,135)
T-rd. W. -----	36 54 25.7	93 14 32.6	1,602
T-fence E. at approximate S. sixteenth cor. sec. 28, T. 26 N., R. 21 W. -----	36 55 16.3	93 14 35.2	5,115
T. 26 N., R. 21 W., approximate N. sixteenth cor. between secs. 27 and 28, 14 ft. N. and 16 ft. W. from rd. at fences E. and W., in concrete post; standard tablet stamped "T T 26 W 1937" -	36 55 42.68	93 13 51.83	4,418
T. 26 N., R. 21 W., quarter cor. between secs. 21 and 22, T-rd. E. -----	36 56 20.6	93 13 50.9	3,840
U.S. Highway 65 at rd. N. -----	36 56 35.0	93 14 22.9	2,979
T-rd. W. -----	36 57 13.9	93 14 22.5	3,934
(For balance in Ponce de Leon quadrangle, see line 5.)			
T-rd. E. -----	36 58 14.9	93 14 53.6	(1,968)
T. 26 N., R. 21 W., cor. secs. 4, 5, 8; and 9, rd. at fences E. and W. -----	36 58 33.1	93 14 53.3	1,839
Crossroads -----	36 58 46.1	93 14 53.0	1,317
T. 26 N., R. 21 W., N. cor. secs. 4 and 5, 18 ft. N. and 20 ft. W. from T-rd. S., 18 ft. N. and 37 ft. E. from T-rd. N. at S. cor. secs. 32 and 33, T. 27 N., R. 21 W., in corner of field, in concrete post; standard tablet stamped "T T 26 W 1937" -----	36 59 27.17	93 14 52.47	4,156
T-rd. S. (In Ozark quadrangle; see line 7.) -----	37 00 03.5	93 14 44.1	3,736
9. FROM SEC. 10, T. 25 N., R. 19 W., WEST TO SEC. 16, T. 25 N., R. 21 W. (by C. W. Williams in 1937)			
1399 E R A 1935 (previously described) -----	36 52 42.46	93 00 36.24	.....
State Highway 125 at rd. E. -----	36 52 41.6	93 01 16.0	3,231
Rd. at fences N. and S. -----	36 52 29.7	93 01 42.7	2,482
T. 25 N., R. 19 W., E. sixteenth cor. sec. 8, 20 ft. S. and 24 ft. W. from rd. at lane W., about 800 ft. E. of Barber Creek School, in concrete post; standard tablet stamped "T T 14 W 1937" -----	36 52 38.79	93 02 21.06	3,251
Rd. at triangular-blazed 7-in. elm tree -----	36 52 39.3	93 03 05.6	3,618
Rd. at fence W. -----	36 52 34.0	93 03 48.4	3,521
Rd. at triangular-blazed 26-in. white-oak tree -- SW. corner of triangle formed by rd. forks -----	36 52 12.0	93 04 41.6	4,863
T. 25 N., R. 20 W., approximate cor. secs. 11, 12, 13, and 14, fence corner from S.-W. -----	36 51 55.1	93 05 13.9	3,132
Rd. forks SW. and NE. -----	36 52 15.0	93 05 18.9	2,050
71 G 1931 (previously described) -----	36 52 20.4	93 05 46.7	2,317
Rd. in line with E. face of house -----	36 52 00.16	93 06 17.38	3,224
Center of rd. at point 93 ft. E. of fence corner from W.-S. -----	36 52 00.1	93 06 58.0	3,301
T. 25 N., R. 20 W., approximate S. sixteenth cor. sec. 9, T-fence E. -----	36 52 17.5	93 07 14.4	2,202
T. 25 N., R. 20 W., in NE 1/4 SE 1/4 sec. 8, 27 ft. S. and 25 ft. E. from rd. in line with E. face of dwelling of Clum McGrath, 45 ft. S. of triangular-blazed 14-in. elm tree, in con- crete post; standard tablet stamped "T T 15 W 1937" -----	36 52 28.1	93 07 58.0	3,697
T. 25 N., R. 20 W., approximate center sec. 8, fence corner from N.-W. -----	36 52 45.42	93 08 37.77	3,680
Rd. forks -----	36 52 43.7	93 09 04.6	2,186
Center of old gate at E.-W. fence -----	36 52 37.7	93 09 21.8	1,522
Rd. at fences E. and W. -----	36 52 07.1	93 09 40.0	3,429
	36 51 27.7	93 10 21.4	5,214

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 25 N., R. 20 W., in NW 1/4 NW 1/4 sec. 19, 18 ft. S. and 33 ft. E. from SE. corner of dwelling of W. E. Rysted, in concrete post; standard tablet stamped "T 16 W 1937" -----	36 51 16.98	93 10 37.57	1,706
T. 25 N., R. 20 W., N. sixteenth corner on W. line sec. 19, stone at T-fence N. -----	36 51 14.6	93 10 43.4	526
Rd. at fences E. and W. -----	36 51 30.0	93 10 58.7	1,988
Junction of rd. W. -----	36 51 48.0	93 11 07.7	1,970
Rd. at fence E. -----	36 52 30.7	93 11 19.8	4,425
T. 25 N., R. 21 W., center of NW 1/4 sec. 12, 5 ft. N. and 1 ft. W. from stone at fence corner from N.-E., 50 ft. N. and 62 ft. E. from rd. forks, 25 ft. E. of rd., in concrete post; standard tablet stamped "T 17 W 1937" -----	36 53 00.95	93 11 29.85	3,163
Rd. at fences E. and W. on line between secs. 11 and 14, T. 25 N., R. 21 W. -----	36 52 22.0	93 12 11.1	5,170
T. 25 N., R. 21 W., cor. secs. 10, 11, 14, and 15, stone at T-fence E. -----	36 52 22.5	93 12 53.1	3,414
T. 25 N., R. 21 W., in NE 1/4 SW 1/4 sec. 15, 290 ft. N. 43° 30' W. of bridge over Camp Creek, 42 ft. W. of main rd., in center of triangle formed by rd. forks, in concrete post; standard tablet stamped "T 18 W 1937" -----	36 51 49.57	93 13 36.88	4,877
Junction (previously described) -----	36 51 57.7	93 14 35.2	4,809

Magnetic declination 6° 57' E.

OZARK QUADRANGLE
(Latitude 37°00'-37°15'; longitude 93°00'-93°15')

Christian, Greene, and Webster Counties



1. FROM STRAFFORD QUADRANGLE AT SEC. 4, T. 29 N., R. 19 W., SOUTH TO SEC. 16, T. 28 N., R. 19 W., THENCE WEST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY TO SEC. 13, T. 28 N., R. 20 W., THENCE WEST ALONG U.S. HIGHWAY 60 TO SEC. 22, T. 28 N., R. 20 W., THENCE SOUTHEAST ALONG ROADS INTO CHADWICK QUADRANGLE AT SEC. 36, T. 27 N., R. 20 W. (by D. W. Weber in 1931)

(Continued from Strafford quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Northview, 2.9 mi. S. of, in NE 1/4 sec. 4, T. 29 N., R. 19 W., 650 ft. N. of old Dallas School, 100 ft. W. of rd. forks, 49 ft. W. of small concrete culvert, on property of Otto Brooks, in concrete post; standard tab- let stamped "T 29 W 1931" -----	37 14 54.11	93 00 26.34	(2,572)
Triangular-blazed 12-in. oak tree E. of rd. (in Fordland quadrangle) -----	37 14 28.0	92 59 01.7	7,337
T-rd. N. (in Fordland quadrangle) -----	37 12 49.0	92 59 57.9	1,860
T-rd. W. -----	37 12 42.9	93 00 19.9	1,860
Shelby store, water pump at -----	37 11 43.3	93 00 44.2	6,332

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rogersville, 1.5 mi. E., thence 5 mi. N. from, in NE 1/4 NW 1/4 sec. 28, T. 29 N., R. 19 W., 25 ft. N. of rd. E. and in line with rd. S., 28 ft. N. and 83 ft. E. from NE corner of porch of dwelling of C. C. Yandell, 5 ft. N. and 4 ft. W. from fence corner, in concrete post; standard tablet stamped "T T 31 W 1931" -	37 11 21.28	93 01 15.70	3,389
T-rd. E. -----	37 11 04.3	93 01 18.8	1,733
T-rd. W. -----	37 10 46.0	93 01 30.6	2,079
Rd. fork E. -----	37 10 06.7	93 01 36.4	4,010
Crossroads on line between secs. 4 and 33, Tps. 28 and 29 N., R. 19 W. -----	37 09 40.4	93 01 24.6	2,823
Rogersville, 1.5 mi. E., thence 2 mi. N. from, 0.2 mi. E. of cor. secs. 4, 5, 8, and 9, T. 28 N., R. 19 W., 18 ft. N. and 48 ft. W. from crossroads, 15 ft. N. of oak tree, in concrete post; standard tablet stamped "T T 32 W 1931" -	37 08 47.31	93 01 29.47	5,382
T-rd. E. -----	37 08 07.8	93 01 34.4	4,013
T-rd. S. -----	37 07 28.5	93 01 44.3	4,057
R.R. at rd. crossing on line between secs. 16 and 17, T. 28 N., R. 19 W. -----	37 07 04.6	93 01 44.9	2,413
U.S.C. & G.S. standard disk stamped "C 6 1928" -	37 07 02.66	93 03 14.28	7,239
Rogersville, main track at sta. semaphore -----	37 07 05.6	93 03 27.6	1,123
U.S.C. & G.S. standard disk stamped "B 6 1928" -	37 07 08.39	93 03 35.83	721
Main track at semaphores 2184 and 2185 -----	37 07 15.8	93 04 03.8	2,388
R.R. at rd. crossing -----	37 07 22.2	93 04 25.3	1,859
Rogersville West Base triangulation sta.; U.S.C. & G.S. standard disk stamped "Rogersville W Base" -----	37 07 19.82	93 04 46.66	1,744
Junction of rd. N. -----	37 07 04.9	93 04 58.3	1,775
Junction of rd. S. -----	37 07 06.4	93 06 03.3	5,270
Cody, cor. secs. 15, 16, 21, and 22, T. 28 N., R. 20 W., 100 ft. S. and 40 ft. W. from intersection of County Route K to N. and County Route C to S., at NW corner of yard of Harmony Baptist Church, in concrete post; standard tablet stamped "63 G 1931" -----	37 07 07.11	93 07 09.39	5,352
T-rd. N. (? crossroads) -----	37 06 42.9	93 07 09.4	2,446
T. 28 N., R. 20 W., cor. secs. 21, 22, 27, and 28, crossroads -----	37 06 16.6	93 07 10.0	2,655
T-rd. E. -----	37 05 36.2	93 07 11.1	4,090
T-rd. W. on Christian-Greene county line -----	37 05 23.2	93 07 11.4	1,320
Crossroads -----	37 04 56.9	93 07 12.2	2,660
Cody, 3 mi. S. of, cor. secs. 3, 4, 33, and 34, Tps. 27 and 28 N., R. 20 W., 20 ft. S. and 15 ft. W. from junction of rd. W., 4 ft. S. and 4 ft. W. from fence corner, in concrete post; standard tablet stamped "64 G 1931" -----	37 04 30.66	93 07 13.87	2,652
Crossroads -----	37 04 03.1	93 07 14.2	2,788
T. 27 N., R. 20 W., approximate center sec. 4 -	37 04 03.5	93 07 46.9	2,650
Rd. at fences E. and W. on line between secs. 4 and 9, T. 27 N., R. 20 W. -----	37 03 37.3	93 07 47.8	2,650
Linden, rd. opposite store of Spencer and Adams -	37 02 47.0	93 08 04.4	5,266
Finley Creek, center of bridge over -----	37 02 44.2	93 08 00.3	436
Linden, 0.2 mi. SE. of, near quarter cor. between secs. 9 and 16, T. 27 N., R. 20 W., 25 ft. W. of rd. fork S., in concrete post; standard tablet stamped "65 G 1931" -----	37 02 39.50	93 07 49.73	979
T-rd. S. -----	37 02 32.7	93 07 26.6	2,003
T-rd. N. -----	37 02 04.8	93 06 44.6	4,419
Sparta, 2.3 mi. NW. of, in NW 1/4 sec. 23, T. 27 N., R. 20 W., 21 ft. S. and 25 ft. E. from junction of Linden and Rogersville rds., 3 ft. N. of NW corner of old barn, in concrete post; standard tablet stamped "66 G 1931" -----	37 01 38.21	93 05 55.77	4,785
T-rd. W. -----	37 01 23.0	93 05 23.4	3,038
Rd. fork W. -----	37 00 56.9	93 05 16.8	2,694
T. 27 N., R. 20 W., cor. secs. 25, 26, 35, and 36, State Highway 14 at crossroad -----	37 00 04.1	93 05 09.4	5,372
Sparta, State Highway 14 at street crossing -----	37 00 04.1	93 05 01.5	643

(Continued in Chadwick quadrangle; see line 1.)

2. FROM STRAFFORD QUADRANGLE AT SEC. 4, T. 29 N., R. 20 W., SOUTHEAST TO SEC. 13, T. 28 N., R. 20 W. (by G. H. Chapman in 1934)

(Continued from Strafford quadrangle; see line 3.)

T-rd. S. (position doubtful) -----	37 14 37.8	93 08 18.0	(3,600)
T. 29 N., R. 20 W., in NE 1/4 NE 1/4 sec. 8, on top of small ridge, 90 ft. W. of rd., in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 14 05.20	93 08 08.75	3,380
Rd. at fences E. and W. -----	37 13 39.1	93 08 08.4	2,640
T. 29 N., R. 20 W., in SW 1/4 SW 1/4 sec. 16, 380 ft. S. of SW corner of dwelling of property of D. D. Clifton, 36 ft. N. of rd., in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 12 25.76	93 08 01.77	7,435

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 29 N., R. 20 W., in NW 1/4 sec. 21, 126 ft. N. of NE. corner of dwelling on property of W. I. Richards, 86 ft. E. of rd., in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 12 09.31	93 07 52.91	1,810
Fence corner -----	37 11 29.7	93 07 57.6	4,020
Cody, 4.5 mi. N. of, in NE 1/4 SE 1/4 sec. 28, T. 29 N., R. 20 W., 12 ft. E. of fence E. of Rock Bridge rd., in W. edge of grove of trees at top of ridge, on property of P. T. Dilhard, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 11 02.20	93 07 13.36	4,530
Cody, 3.5 mi. N. of, in SW 1/4 NE 1/4 sec. 34, T. 29 N., R. 20 W., 185 ft. NE. of NE. corner of dwelling on property of G. A. Cunningham, 165 ft. E. of rd., 4 ft. (? 41 ft.) N. of fence, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 10 20.72	93 06 31.65	5,365
T. 28 N., R. 20 W., in SE 1/4 SE 1/4 sec. 2, 172 ft. NE. of NE. corner of dwelling on estate of Owen Pickel, 42 ft. E. of N.-S. rd., 31 ft. S. of E.-W. rd., in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 08 52.13	93 05 12.22	11,025
T. 28 N., R. 20 W., cor. secs. 11, 12, 13, and 14, 600 ft. NE. of dwelling, 674 ft. E. of fence corner, 20 ft. N. of rd., on property of J. L. Pickel, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 07 57.38	93 04 49.07	5,850
Rogersville West Base triangulation sta. (previously described) -----	37 07 19.82	93 04 46.66	3,800

3. FROM REPUBLIC QUADRANGLE EAST ALONG-COUNTY ROUTE D TO SEC. 35, T. 29 N., R. 21 W., THENCE EAST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY TO SEC. 28, T. 29 N., R. 20 W. (by L. O. Casselman in 1934)
(Continued from Republic quadrangle; see line 9.)

Junction of rd. S. -----	37 10 51.3	93 14 48.4	(4,510)
Junction of rd. N. -----	37 10 50.9	93 14 38.1	830
Springfield, 1 mi. E. of E. limits of, in NW 1/4 sec. 33, T. 29 N., R. 21 W., 32 ft. S. and 560 ft. E. from junction of Oak Grove Lane N., 68 ft. E. of yard fence, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "109 C W A 1934" -----	37 10 50.45	93 14 31.16	570
T. 29 N., R. 21 W., cor. secs. 27, 28, 33, and 34, crossroad -----	37 10 48.9	93 13 32.3	4,770
Junction of rd. S. -----	37 10 47.8	93 12 56.4	2,910
Junction of lane N. -----	37 10 33.5	93 12 27.2	2,770
Highway at fences N. and S. -----	37 10 33.1	93 12 10.6	1,340
U.S.C. & G.S. standard disk stamped "W 5 1928" -	37 10 19.74	93 11 46.58	2,370
U.S.C. & G.S. standard disk stamped "X 5 1928" -	37 10 02.45	93 11 26.87	2,370
R.R. at fences N. and S. -----	37 10 03.2	93 10 56.3	2,480
R.R. at rd. crossing -----	37 10 42.3	93 09 50.0	6,660
U.S.C. & G.S. standard disk stamped "Y 5 1928" -	37 10 49.81	93 09 20.53	2,510
R.R. at point 25 ft. W. of bridge 2127 -----	37 10 45.3	93 08 11.5	5,610
U.S.C. & G.S. and State Survey standard tablet (previously described) -----	37 11 02.20	93 07 13.36	5,010

4. FROM STRAFFORD QUADRANGLE AT SEC. 4, T. 29 N., R. 21 W., SOUTH TO SEC. 33, T. 29 N., R. 21 W. (by L. O. Casselman in 1934)
(Continued from Strafford quadrangle; see line 7.)

Rd. at fences E. and W. -----	37 14 48.0	93 14 33.7	(2,010)
T. 29 N., R. 21 W., cor. secs. 4, 5, 8, and 9, U.S. Highway 66 at rd. N. -----	37 14 29.9	93 14 33.7	1,835
U.S. Highway 66 at rd. S. -----	37 14 20.7	93 14 01.2	2,790
St. Louis-San Francisco Ry. at crossing of Packer rd. -----	37 13 59.8	93 14 01.7	2,110
Division Street at Packer rd. N. -----	37 13 27.9	93 14 02.8	3,235
T-rd. N. -----	37 13 02.2	93 14 19.8	2,935
Springfield, about 1 mi. E. of E. limits of, in NE 1/4 sec. 20, T. 29 N., R. 21 W., 40 ft. S. and 164 ft. E. from Mill Street rd. at Oak Grove Lane, 49 ft. N. and 79 ft. E. from NE. corner of dwelling, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "108 C W A 1934" -----	37 12 36.68	93 14 50.55	3,590
St. Louis-San Francisco Ry. at crossing of Oak Grove Lane -----	37 12 21.2	93 14 52.9	1,580
Cherry Street at rd. S. -----	37 12 09.9	93 14 36.8	1,735
T. 29 N., R. 21 W., cor. secs. 20, 21, 28, and 29, crossroads -----	37 11 43.7	93 14 37.3	2,650
Oak Grove School, crossroads at -----	37 11 17.4	93 14 37.7	2,660
Junction of rd. N. (previously described) -----	37 10 50.9	93 14 38.1	2,660
109 C W A 1934 (previously described) -----	37 10 50.45	93 14 31.16	570

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet

5. FROM SEC. 13, T. 28 N., R. 20 W., SOUTH AND WEST INTO REPUBLIC QUADRANGLE AT SEC. 32, T. 28 N., R. 21 W. (by C. N. Ackerman in 1934)

Rogersville West Base triangulation sta. (previously described) -----	37 07 19.82	93 04 46.66	.....
Cody, 2.1 mi. E. of, along U.S. Highway 60, 720 ft. E. of cor. secs. 13, 14, 23, and 24, T. 28 N., R. 20 W., 44 ft. S. of highway, on property of Claude Watts, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "161 C W A 1934" -----	37 07 04.37	93 04 49.39	1,580
Cody, 2 mi. E. and 0.9 mi. S. from, 665 ft. N. and 287 ft. W. from cor. secs. 23, 24, 25, and 26, T. 28 N., R. 20 W., on property of C. C. Humbolt, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "162 C W A 1934" -----	37 06 19.25	93 05 02.53	4,685
T. 28 N., R. 20 W., in NE 1/4 SE 1/4 sec. 26, 0.3 mi. N. of Christian-Greene county line, on property of Oscar V. Webster, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "163 C W A 1934" -----	37 05 38.35	93 05 16.11	4,280
Christian-Greene county line -----	37 05 20.4	93 05 14.7	1,810
T. 28 N., R. 20 W., quarter cor. between secs. 35 and 36, 16 ft. N. (? S.) and 985 ft. W. from crossroads, on property of Mrs. Alice Kissee, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "164 C W A 1934" -----	37 04 54.36	93 05 12.72	2,640
T. 27 N., R. 20 W., 336 ft. S. and 873 ft. E. from quarter cor. between secs. 2 and 3, 740 ft. E. of rd., on property of Ival Baumgardner, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "165 C W A 1934" -----	37 03 58.28	93 05 59.06	6,800
T. 27 N., R. 20 W., 977 ft. N. and 1,511 ft. E. from quarter cor. between secs. 4 and 9, on property of T. J. Potter, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "166 C W A 1934" -----	37 03 46.61	93 07 28.84	7,370
T. 27 N., R. 20 W., 162 ft. N. and 536 ft. W. from cor. secs. 5, 6, 7, and 8, on property of Sarah Jane Campbell, in concrete post; standard tablet stamped "167 C W A 1934" -----	37 03 41.11	93 09 34.65	10,213
T. 27 N., R. 21 W., 763 ft. N. of W. sixteenth cor. between secs. 1 and 12, at NE. edge of timber, on property of George Breazeal, in concrete post; standard tablet stamped "168 C W A 1934" -----	37 03 49.97	93 11 13.51	6,060
T. 27 N., R. 21 W., quarter cor. between secs. 1 and 2, T-rd. W. -----	37 04 08.9	93 11 29.6	2,320
Rd. at fence S. -----	37 04 10.0	93 12 02.6	2,680
Hopedale School, T-rd. N. at -----	37 04 11.0	93 12 35.5	2,670
U.S. Highway 65 at rd. W. near Hopedale Cemetery -----	37 04 11.6	93 13 07.9	2,630
Rd. at fence N. -----	37 04 12.4	93 13 40.9	2,670
Rd. at fence E. -----	37 04 13.3	93 14 13.4	2,635
Cassidy, near quarter cor. between secs. 4 and 5, T. 27 N., R. 21 W., 25 ft. S. and 30 ft. E. from T-rd. E., 356 ft. N. and 30 ft. E. from St. Louis-San Francisco Ry. at rd. crossing, in concrete post; standard tablet stamped "169 C W A 1934" -----	37 04 11.39	93 14 44.54	2,535
Tps. 27 and 28 N., R. 21 W., approximate cor. secs. 4, 5, 32, and 33, rd. at fence W. -----	37 04 42.6	93 14 45.5	3,160
Crossroads -----	37 04 55.5	93 14 45.0	1,310
Rd. corner from SE.-W. on Christian-Greene county line -----	37 05 35.0	93 14 53.9	4,060

(Continued in Republic quadrangle; see line 4.)

6. FROM CHADWICK QUADRANGLE AT SEC. 36, T. 27 N., R. 20 W., EAST ALONG STATE HIGHWAY 14 INTO FORDLAND QUADRANGLE (by C. N. Ackerman in 1935)

67 G 1931 (In Chadwick quadrangle; see line 1.) -	36 59 55.15	93 04 57.36
T. 27 N., Rs. 19 and 20 W., approximate S. sixteenth cor. between secs. 25 and 30, junction of rd. W. -----	37 00 16.2	93 04 02.1	4,959
T. 27 N., R. 19 W., N. sixteenth cor. sec. 30, crossroad -----	37 00 41.8	93 03 31.0	3,613
T. 27 N., R. 19 W., N. sixteenth cor. between secs. 29 and 30, crossroad -----	37 00 41.4	93 02 58.3	2,650

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Sparta, 2.8 mi. NE. of, about 520 ft. S. of quarter cor. between secs. 20 and 29, T. 27 N., R. 19 W., 33 ft. N. and 10 ft. W. from crossroads, in concrete post; standard tablet stamped "1381 E R A 1935" -----	37 00 49.00	93 02 25.71	2,756
Crossroad -----	37 00 47.6	93 01 52.8	2,674
Junction of rd. N. -----	37 00 47.8	93 00 47.1	5,328
T. 27 N., R. 19 W., cor. secs. 22, 23, 26, and 27, junction of lane (in Fordland quadrangle) -	37 00 52.7	92 59 41.3	5,354

7. FROM CHADWICK QUADRANGLE AT SEC. 36, T. 27 N., R. 20 W., WEST ALONG STATE HIGHWAY 14 TO OZARK, THENCE SOUTHWEST ALONG ROADS INTO REPUBLIC QUADRANGLE AT SEC. 32, T. 27 N., R. 21 W. (by R. S. Wilson in 1935)

67 G 1931 (In Chadwick quadrangle; see line 1.) -	36 59 55.15	93 04 57.36	.....
U.S.C. & G.S. standard disk stamped "U 64 1934"-	37 00 04.30	93 04 56.69	927
T. 27 N., R. 20 W., cor. secs. 25, 26, 35, and 36, crossroad (previously described) -----	37 00 04.1	93 05 09.5	1,036
U.S.C. & G.S. standard disk stamped "T 64 1934"-	37 00 05.97	93 06 20.29	5,746
T. 27 N., R. 20 W., cor. secs. 27, 28, 33, and 34, junction of rd. S. -----	37 00 06.8	93 07 20.1	4,851
U.S.C. & G.S. standard disk stamped "S 64 1934"-	37 00 07.68	93 08 09.01	3,968
T. 27 N., R. 20 W., cor. secs. 28, 29, 32, and 33, junction of rd. S. -----	37 00 08.2	93 08 25.4	1,334
T. 27 N., R. 20 W., cor. secs. 29, 30, 31, and 32, junction of rd. S. -----	37 00 09.8	93 09 31.2	5,334
U.S.C. & G.S. standard disk stamped "R 64 1934"-	37 00 23.33	93 10 03.09	2,925
T. 27 N., R. 20 W., S. sixteenth cor. on W. line sec. 30, highway E. produced at rd. S., 45 ft. S. of highway W. produced at fence N. at S. sixteenth cor. on E. line sec. 25, T. 27 N., R. 21 W. -----	37 00 24.0	93 10 28.6	2,067
T. 27 N., R. 21 W., S. sixteenth cor. sec. 25, highway at fence S., 10 ft. W. of junction of lane N. -----	37 00 25.6	93 11 01.8	2,696
U.S.C. & G.S. standard disk stamped "Q 64 1934"-	37 00 29.02	93 11 45.52	3,565
U.S.C. & G.S. standard disk stamped "P 64 1934"-	37 01 05.94	93 12 06.64	4,108
U.S.C. & G.S. standard disk stamped "N 64 1934"-	37 01 12.84	93 12 17.63	1,131
U.S. Highway 65 at fences E. and W. -----	37 00 41.1	93 12 23.3	3,243
U.S. Highway 65 at crossroad -----	37 00 15.0	93 12 20.5	2,644
T. 27 N., R. 21 W., cor. secs. 26, 27, 34, and 35, rd. at fence S. -----	37 00 15.5	93 12 40.5	1,625
Ozark, 1 mi. S., thence 1 mi. W. from, W. sixteenth cor. between secs. 27 and 34, T. 27 N., R. 21 W., 26 ft. S. and 15 ft. W. from T-rd. S., 10 ft. S. and 3 ft. E. from fence corner, in concrete post; standard tablet stamped "2012 E R A 1935" -----	37 00 16.57	93 13 30.01	4,012
T. 27 N., R. 21 W., cor. secs. 27, 28, 33, and 34, rd. at brushy fence S. -----	37 00 17.3	93 13 46.2	1,318
(For balance in Chadwick quadrangle, see line 6.)			
T-rd. S. -----	37 00 03.5	93 14 44.1	(1,890)

(Continued in Republic quadrangle; see line 13.)

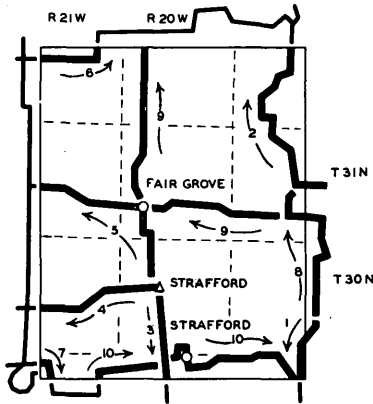
6. FROM OZARK NORTHWEST TO SEC. 4, T. 27 N., R. 21 W. (by R. S. Wilson in 1935)

N 64 1934 (previously described) -----	37 01 12.84	93 12 17.63	.....
U.S.C. & G.S. standard disk stamped "M 64 1934"-	37 01 37.89	93 12 27.05	2,645
U.S.C. & G.S. standard disk stamped "L 64 1934"-	37 01 28.46	93 12 41.13	1,489
State Highway 14 at rd. N. -----	37 01 26.6	93 13 11.8	2,495
T. 27 N., R. 21 W., N. sixteenth cor. between secs. 21 and 22, rd. at fences E. and W. -----	37 01 48.7	93 13 44.0	3,430
U.S.C. & G.S. standard disk stamped "K 64 1934"-	37 02 46.62	93 13 38.75	5,873
T. 27 N., R. 21 W., cor. secs. 9, 10, 15, and 16, T-rd. W. -----	37 02 53.9	93 13 42.5	799
T. 27 N., R. 21 W., cor. secs. 8, 9, 16, and 17, T-rd. W., 65 ft. N. of T-rd. E. -----	37 02 56.3	93 14 48.0	5,313
T. 27 N., R. 21 W., quarter cor. between secs. 8 and 9, rd. at fences E. and W. -----	37 03 22.4	93 14 47.4	2,643
T. 27 N., R. 21 W., cor. secs. 4, 5, 8, and 9, rd. at fences E. and W. -----	37 03 48.6	93 14 46.8	2,647
U.S.C. & G.S. standard disk stamped "J 64 1934"-	37 04 07.24	93 14 42.70	1,917
169 C W A 1934 (previously described) -----	37 04 11.39	93 14 44.54	445

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
9. FROM STRAFFORD QUADRANGLE AT SEC. 4, T. 29 N., R. 21 W., EAST INTO STRAFFORD QUADRANGLE AT SEC. 3, T. 29 N., R. 21 W. (by C. W. Williams in 1937)			
107 C W A 1934 (In Strafford quadrangle; see line 7.) -----	37 15 07.91	93 14 33.43	.....
T. 29 N., R. 21 W., quarter cor. between secs. 4 and 5, rd. at fences E. and W. -----	37 14 48.1	93 14 33.6	2,006
T. 29 N., R. 21 W., cor. secs. 4, 5, 8, and 9, U.S. Highway 66 at rd. N. -----	37 14 21.8	93 14 34.0	2,656
U.S. Highway 66 at rd. S. (previously described)-T. 29 N., R. 21 W., quarter cor. between secs. 3 and 10, U.S. Highway 66 at crossroad -----	37 14 20.7	93 14 01.2	2,666
T. 29 N., R. 21 W., about 0.7 mi. N. of quarter cor. between secs. 3 and 10, 26 ft. S. and 25 ft. E. from T-rd. S., in concrete post; standard tablet stamped "T T 44 W 1937" -----	37 14 18.6	93 12 55.4	5,321
	37 14 54.30	93 12 54.47	3,609
(Continued in Strafford quadrangle; see line 10.)			

Magnetic declination 6° 59' E.

STRAFFORD QUADRANGLE
(Latitude 37°15'-37°30'; longitude 93°00'-93°15')
Dallas, Greene, Polk, and Webster Counties



1. FROM NORTHVIEW SOUTHWEST INTO OZARK QUADRANGLE AT SEC. 4, T. 29 N., R. 19 W., INCLUDING THAT PART OF THE LINE IN NIANGUA QUADRANGLE (by D. W. Weber in 1931)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Northview, 23 ft. S. and 59 ft. W. from St. Louis-San Francisco Ry. at rd. crossing, 22 ft. S. and 1 ft. E. from NE. corner of mill and feed store, in concrete post; standard tablet stamped "T T 28 W 1931" -----	37 17 12.15	92 59 47.82	.....
Rd. forks E. and SW. -----	37 16 34.4	92 59 50.1	3,815
T-rd. S. -----	37 16 03.8	93 00 19.5	3,911
James River, center of bridge over -----	37 15 46.8	93 00 19.3	1,711
Center of small wooden bridge -----	37 15 19.4	93 00 29.6	2,901
(Continued in Ozark quadrangle; see line 1.)			

2. FROM SEC. 26, T. 31 N., R. 19 W., NORTH INTO BUFFALO QUADRANGLE AT SEC. 9, T. 32 N., R. 19 W., INCLUDING THAT PART OF THE LINE IN NIANGUA QUADRANGLE (by W. R. Broadus in 1932)

Sand Spring School, 68 ft. S. of SE. corner of, quarter cor. between secs. 23 and 26, T. 31 N., R. 19 W., 28 ft. N. and 72 ft. W. from T-rd. N., in concrete post; standard tablet stamped "T T 125 B 1932" -----	37 23 05.35	92 59 29.62
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Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 31 N., R. 19 W., cor. secs. 22, 23, 26, and 27, crossroads -----	37 23 06.4	93 00 01.2	2,555
T. 31 N., R. 19 W., cor. secs. 14, 15, 22, and 23, T-rd. E. -----	37 23 58.6	93 00 00.1	5,286
T. 31 N., R. 19 W., cor. secs. 10, 11, 14, and 15, T-rd. S. -----	37 24 51.1	92 59 58.3	5,306
T. 31 N., R. 19 W., quarter cor. between secs. 10 and 15, 38 ft. N. and 20 ft. E. from T-rd. E., in concrete post; standard tablet stamped "T T 126 B 1932" -----	37 24 52.08 37 25 05.0	93 00 31.09 93 00 47.7	2,645 1,876
T-rd. N. -----			
T. 31 N., R. 19 W., W. sixteenth cor. sec. 9, rd. at fences E. and W. -----	37 25 19.3	93 01 53.9	5,525
T. 31 N., R. 19 W., W. sixteenth cor. between secs. 4 and 9, T-rd. W. -----	37 25 45.3	93 01 53.6	2,630
Elkland, 0.2 mi. E. of, 45 ft. N. and 72 ft. E. from T-rd. S., 26 ft. N. of rd., 15 ft. W. of fence corner, in concrete post; standard tablet stamped "T T 127 B 1932" -----	37 26 35.82 37 26 35.9	93 01 52.18 93 02 06.9	5,111 1,190
T-rd. N. at Elkland -----			
T. 32 N., R. 19 W., cor. secs. 28, 29, 32, and 33, T-rd. S. -----	37 27 28.0	93 02 05.8	5,271
Elkland triangulation sta.; U.S.C. & G.S. standard disk stamped "Elkland" -----	37 27 35.97	93 01 35.76	2,555
T. 32 N., R. 19 W., W. sixteenth cor. between secs. 21 and 28, T-rd. S. -----	37 28 19.9	93 01 47.7	4,545
T. 32 N., R. 19 W., cor. secs. 21, 22, 27, and 28, T-rd. W. -----	37 28 19.2 37 28 51.8	93 00 58.5 93 00 57.7	3,971 3,296
Rd. corner from S.-E. -----			
Elkland, 4 mi. NE. of, 15 ft. S. and 5 ft. E. from rd. corner from E.-N. at cor. secs. 15, 16, 21, and 22, T. 32 N., R. 19 W., on Dallas-Webster county line, 6 ft. E. of fence corner, in concrete post; standard tablet stamped "T T 128 B 1932" -----	37 29 11.13	93 00 56.91	1,959
T. 32 N., R. 19 W., N. sixteenth cor. between secs. 15 and 16, T-rd. W. -----	37 29 50.3	93 00 56.2	3,961

(Continued in Buffalo quadrangle; see line 2.)

3. FROM SEC. 16, T. 30 N., R. 20 W., SOUTH INTO OZARK QUADRANGLE AT SEC. 4, T. 29 N., R. 20 W. (by G. H. Chapman in 1934)

Strafford triangulation sta.; U.S.C. & G.S. standard disk stamped "Strafford" -----	37 19 18.83	93 07 52.11	.....
T. 30 N., R. 20 W., in NE 1/4 sec. 21, 24 ft. N. and 38 ft. W. from rd. at lanes E. and W., on property of B. F. Bramer, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 36.73	93 07 50.70	4,060
T. 30 N., R. 20 W., in NW 1/4 sec. 27, 28 ft. S. and 48 ft. E. from crossroads, 62 ft. NW. of dwelling on property of James Love, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 17 59.02	93 07 50.35	4,020
T. 30 N., R. 20 W., in W 1/2 sec. 27, 147 ft. SW. (? SE.) of SE. corner of dwelling W. of rd., 56 ft. E. of rd., on N. line of property of Frank Delf, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 17 33.17	93 07 50.93	2,615
T. 30 N., R. 20 W., in NW 1/4 sec. 34, 214 ft. NE. of NE. corner of dwelling W. of rd., 22 ft. E. of rd., on property of Frank Delf, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 16 52.06	93 07 52.54	4,160
T. 30 N., R. 20 W., in SE 1/4 sec. 33, 64 ft. NE. of NE. corner of dwelling of Robert Campbell, 51 ft. W. of rd., in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "T T 49 W 1937" -----	37 16 16.63	93 07 54.47	3,590
T. 29 N., R. 20 W., in NW 1/4 sec. 4, about 0.4 mi. W. of St. Louis-San Francisco Ry. signal 2263, 48 ft. SW. of track, 4 ft. N. of fence S. of track, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "T T 48 W 1937" -----	37 15 55.24	93 07 59.97	2,210
T. 29 N., R. 20 W., in NE 1/4 sec. 5, 112 ft. NE. of NE. corner of dwelling of E. L. Vinton, 56 ft. W. of rd., in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 15 32.06	93 08 06.72	2,410
T. 29 N., R. 20 W., in NW 1/4 sec. 4, 12 ft. NE. of NE. corner of dwelling of Mrs. S. L. Appleby, 29 ft. E. of rd., in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 15 12.05	93 08 06.07	2,025

(Continued in Ozark quadrangle; see line 2.)

* It was reported that this monument was reset by A. C. McCutchen April 13, 1936, 51 ft. S. and 15 ft. E. from described location and position.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
4. FROM SEC. 16, T. 30 N., R. 20 W., WEST INTO MORRISVILLE QUADRANGLE AT SEC. 21, T. 30 N., R. 21 W. (by R. D. Moore in 1934)			
Strafford triangulation sta. (previously described) -----	37 19 18.83	93 07 52.11	.....
T. 30 N., R. 20 W., near NE. cor. sec. 21, 628 ft. W. of Fair Grove-Strafford rd., 600 ft. W. of dwelling, 13 ft. S. of lane, 3 ft. S. of fence S. of lane, on Braman property, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 51.45	93 07 57.78	2,807
T. 30 N., R. 20 W., cor. secs. 16, 17, 20, and 21, 22 ft. N. and 31 ft. E. from stone at crossroads, 38 ft. S. and 3/4 ft. W. from SW. corner of dwelling on property of Mrs. Anna Walters, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 52.92	93 08 55.16	4,638
T. 30 N., R. 20 W., cor. secs. 17, 18, 19, and 20 -----	37 18 53.8	93 10 01.5	5,363
T. 30 N., R. 20 W., in SE 1/4 SW 1/4 sec. 18, about 580 ft. N. of S. sec. line, 795 ft. W. of rd., about 100 ft. NW. of NW. corner of orchard, on property of Della Rowe, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 19 00.50	93 10 42.75	3,398
T. 30 N., R. 21 W., in SE 1/4 NE 1/4 sec. 24, 408 ft. N. and 50 ft. E. from E. sixteenth cor., 3 ft. N. of fence, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 34.27	93 11 23.49	4,228
T. 30 N., R. 21 W., quarter cor. between secs. 23 and 24 -----	37 18 30.9	93 12 13.3	4,037
T. 30 N., R. 21 W., in NW 1/4 sec. 26, 980 ft. S. of sec. line, 145 ft. W. of rd., in yard W. of dwelling of Homer Saltegever, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 17 55.93 37 18 07.2	93 13 05.75 93 14 25.6	5,524 6,552
T. 30 N., R. 21 W., near quarter cor. between secs. 21 and 28, 280 ft. N. of sec. line, on property of Hans Nielson, 308 ft. E. of rd., 150 ft. NE. of dwelling, in barnyard, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 10.51	93 14 54.73	2,378

(Continued in Morrisville quadrangle; see line 10.)

5. FROM SEC. 16, T. 30 N., R. 20 W., NORTH AND WEST INTO MORRISVILLE QUADRANGLE AT SEC. 21, T. 31 N., R. 21 W. (by O. E. Fort in 1934)			
U.S.C. & G.S. and State Survey standard tablet (previously described) -----	37 18 52.92	93 08 55.16	.....
T. 30 N., R. 20 W., in NE 1/4 sec. 17, on high wooded ridge, 27 ft. S. of wood rd., 180 ft. N. of fence, 48 ft. W. of fence E. on N.-S. rd., in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 19 20.51	93 08 55.32	2,790
T. 30 N., R. 20 W., near S. sixteenth cor. between secs. 4 and 5, 618 ft. S. of S. concrete head wall of steel bridge, 98 ft. N. of E.-W. fence, 32 ft. W. of N.-S. fence W. of rd., 24 ft. NW. of power-line pole, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 20 44.20	93 08 53.60	8,466
T. 30 N., R. 20 W., about 0.1 mi. S. of quarter cor. between secs. 4 and 5, 602 ft. S. of fence S. of E.-W. rd., 5 ft. W. of fence W. of N.-S. rd., 56 ft. NE. of power-line pole, on property of C. C. Huff, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 20 58.69	93 08 52.87	1,470
T. 30 N., R. 20 W., in NE 1/4 sec. 5, 182 ft. N. of fence N. of E.-W. rd., 5 ft. E. of fence E. of N.-S. rd., 109 ft. S. of power-line pole, on property of J. A. Wallace, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 21 18.44	93 09 08.40	2,360
T. 31 N., R. 20 W., in NE 1/4 sec. 32, 13 ft. E. of fence E. of N.-S. rd., 2 ft. N. of E.-W. fence, 49 ft. SE. of power-line pole, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 21 56.62	93 09 06.17	3,870
Fair Grove, about 0.2 mi. SW. of, in SE 1/4 sec. 29, T. 31 N., R. 20 W., 45 ft. SW. of SW. corner of concrete foundation of dwelling on property of Charles Lee, 8 ft. NE. of 14-in. oak tree at SE. corner of garden, 2 ft. E. of fence, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 22 36.41	93 09 20.24	4,183

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Fair Grove, about 0.5 mi. W. of, in NW 1/4 sec. 29, T. 31 N., R. 20 W., 177 ft. S. of E.-W. fence, 4 ft. E. of N.-S. fence, 18 ft. SE. of 26-in. wild-cherry tree, on property of Homer Caddy, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 22 59.06	93 09 37.05	2,660
T. 31 N., R. 20 W., in SW 1/4 sec. 30, 404 ft. W. of fence W. of rd. S. to U.S. Highway 65, 48 ft. SE. of fence corner NE. of jog in rd., 4 ft. SE. of fence corner SE. of jog, on property of Claude Burdett, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 22 50.07	93 10 07.24	2,600
T. 31 N., R. 21 W., near center of W 1/2 sec. 25, about 750 ft. W. of barn of Edward Leech, 156 ft. SE. of fence corner, 117 ft. E. of N.-S. fence, 40 ft. N. of E.-W. fence, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 22 58.04	93 11 45.81	7,997
T. 31 N., R. 21 W., 476 ft. W. of N. sixteenth cor. sec. 26, on property of Fred McCann, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 23 06.99	93 12 44.26	4,800
T. 31 N., R. 21 W., in SW 1/4 sec. 22, 264 ft. W. of rd., 47 ft. SW. of SW. corner of dwelling of R. R. Tankersley, 131 ft. S. 55° E. of dwelling of Mrs. Bessie Durham, 78 ft. E. of 10-in. black-oak tree, 34 ft. N. of fence S. of rd., in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 23 21.62	93 13 46.51	5,240

(Continued in Morrisville quadrangle; see line 2.)

6. FROM MORRISVILLE QUADRANGLE AT SEC. 16, T. 32 N., R. 21 W., EAST AND NORTH INTO BUFFALO QUADRANGLE AT SEC. 13, T. 32 N., R. 21 W. (by E. L. Phillips in 1934)

(Continued from Morrisville quadrangle; see line 7.)

Junction of private drive S. and fence N. -----	37 29 41.2	93 14 37.2	(2,565)
T-rd. -----	37 29 41.7	93 13 31.5	5,297
T. 32 N., R. 21 W., quarter cor. between secs. 14 and 15, 24 ft. S. and 20 ft. E. from T-rd. S., 4 ft. S. and 3 ft. E. from fence corner, in concrete post; standard tablet stamped "178 C W A 1934" -----	37 29 52.10	93 12 57.92	2,904
Rd. at fences N. and S. at E. side of schoolyard -----	37 29 51.6	93 12 25.7	2,600
T. 32 N., R. 21 W., quarter cor. between secs. 13 and 14, stone at T-rd. W. -----	37 29 51.0	93 11 53.0	2,633

(Continued in Buffalo quadrangle; see line 3.)

7. FROM MORRISVILLE QUADRANGLE AT SEC. 5, T. 29 N., R. 21 W., EAST AND SOUTH INTO OZARK QUADRANGLE AT SEC. 4, T. 29 N., R. 21 W. (by L. O. Casselman in 1934)

(Continued from Morrisville quadrangle; see line 6.)

T. 29 N., R. 21 W., in NE 1/4 sec. 5, 659 ft. S. and 27 ft. W. from Buttermilk rd. at White rd. W., 18 ft. S. and 75 ft. E. from cobblestone porch of dwelling of A. G. Sherpy, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "107 C W A 1934" -----	37 15 07.91	93 14 33.43	(2,680)
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(Continued in Ozark quadrangle; see line 4.)

8. FROM NORTHVIEW NORTH TO SEC. 26, T. 31 N., R. 19 W., INCLUDING THAT PART OF THE LINE IN NIANGUA QUADRANGLE (by J. W. Fothergill in 1935)

T T 28 W 1931 (previously described) -----	37 17 12.15	92 59 47.82	.....
Rd. at fences E. and W. -----	37 17 38.8	92 59 48.4	2,691
U.S. Highway 66 at rd. N. -----	37 18 08.1	92 59 36.9	3,109
Rd. at lane E. and fence W. -----	37 18 30.4	92 59 36.7	2,262
T. 30 N., R. 19 W., N. sixteenth cor. sec. 14, crossroads -----	37 19 22.7	92 59 35.8	5,291
T. 30 N., R. 19 W., about 455 ft. S. of center sec. 11, 20 ft. N. and 25 ft. E. from T-rd. E., 7 ft. S. and 122 ft. E. from dwelling of Mary Barnhart, in concrete post; standard tablet stamped "1296 E R A 1935" -----	37 19 57.34	93 59 34.97	3,502
T-rd. S. -----	37 20 27.9	92 59 34.3	3,088
T. 30 N., R. 19 W., cor. secs. 1, 2, 11, and 12, crossroads -----	37 20 27.2	92 59 00.8	2,711
T-rd. W. -----	37 20 53.3	92 59 00.3	2,638
T. 30 N., R. 19 W., N. cor. secs. 1 and 2, T-rd. S., 62 ft. W. of T-rd. N. at S. cor. secs. 35 and 36, T. 31 N., R. 19 W. -----	37 21 19.7	92 59 00.1	2,671

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 31 N., R. 19 W., 39 ft. S. and 123 ft. W. from rd. at fence S. at approximate center sec. 35, 18 ft. N. and 46 ft. W. from NW. corner of dwelling of H. J. Koby, 3 ft. E. of garden fence, in concrete post; standard tablet stamped "1297 E R A 1935" -----	37 21 46.27	92 59 32.61	3,753
T. 31 N., R. 19 W., quarter cor. between secs. 34 and 35, T-rd. N. -----	37 21 47.2	93 00 03.9	2,530
Rd. at fences N. and S. -----	37 21 48.2	93 00 53.0	3,964
T. 31 N., R. 19 W., cor. secs. 27, 28, 33, and 34, rd. at fence W. -----	37 22 14.8	93 01 08.9	2,982
Rd. at fences E. and W. -----	37 22 41.2	93 01 08.3	2,673
T. 31 N., R. 19 W., cor. secs. 21, 22, 27, and 28, crossroads -----	37 23 07.6	93 01 07.8	2,661
T T 125 B 1932 (previously described) -----	37 23 05.35	92 59 29.62	7,930

9. FROM SEC. 34, T. 31 N., R. 19 W., WEST TO POINT NEAR FAIR GROVE, THENCE NORTH ALONG U.S. HIGHWAY 65 INTO BUFFALO QUADRANGLE (by J. W. Pothergill in 1935)

Rd. at fences N. and S. (previously described) --	37 21 48.2	93 00 53.0	.....
Crossroads -----	37 21 51.5	93 01 16.2	1,898
Rd. at fence S. -----	37 22 15.4	93 01 58.4	4,183
T. 31 N., R. 19 W., in NE 1/4 sec. 32, 41 ft. N. and 55 ft. W. from NW. corner of dwelling of W. F. Moore, 30 ft. S. of rd., in concrete post; standard tablet stamped "1298 E R A 1935" -----	37 22 15.55	93 02 36.25	3,054
T. 31 N., R. 19 W., cor. secs. 29, 30, 31, and 32, T-rd. S., 133 ft. E. of T-rd. N. -----	37 22 15.9	93 03 19.5	3,490
Rd. corner from E.-N. -----	37 22 16.4	93 04 00.2	3,290
Rd. corner from S.-W. on Greene-Webster county line -----	37 22 30.0	93 04 27.9	2,621
T. 31 N., R. 20 W., S. sixteenth cor. sec. 25, stone at junction of lane S. -----	37 22 30.6	93 05 00.6	2,642
Fair Grove, 3/4 mi. E. of, 0.2 mi. N. of cor. secs. 25, 26, 35, and 36, T. 31 N., R. 20 W., 34 ft. N. and 2 ft. E. from rd. at fence N., 51 ft. S. and 76 ft. W. from SW. corner of dwelling of R. R. Thompson, in concrete post; standard tablet stamped "1299 E R A 1935" -----	37 22 31.45	93 05 33.18	2,628
Rd. fork S. -----	37 22 37.5	93 06 14.6	3,402
T-rd. N. -----	37 22 53.1	93 07 10.2	4,751
Rd. corner from S. W. -----	37 22 47.1	93 07 43.4	2,743
County Route J at crossroad -----	37 22 47.6	93 08 15.9	2,626
T. 31 N., R. 20 W., quarter cor. between secs. 28 and 29, T-rd. S. -----	37 22 48.7	93 08 48.5	2,633
U.S.C. & G.S. and State Survey standard tablet (previously described) -----	37 22 36.41	93 09 20.24	2,848
T-rd. S. (previously described) -----	37 22 48.7	93 08 48.5	.....
County Route J at crossroad -----	37 23 02.1	93 09 04.0	1,846
Junction of rd. SW. -----	37 23 11.0	93 09 04.3	896
Highway at fences E. and W. -----	37 23 41.4	93 09 02.5	3,077
Junction of rd. E. -----	37 24 07.3	93 09 01.3	2,650
Fair Grove, 2.5 mi. NE. of, along U.S. Highway 65, in NW 1/4 sec. 16, T. 31 N., R. 20 W., 11 ft. S. and 50 ft. E. from junction of private rd. E., in W. end of S. head wall of concrete culvert; standard tablet stamped "1901 E R A 1935" -----	37 24 44.84	93 08 43.02	4,069
T. 31 N., R. 20 W., cor. secs. 8, 9, 16, and 17, highway at fence W. on Dallas-Greene county line, 62 ft. N. of N. end of bridge over Pomme de Terre River -----	37 24 59.4	93 08 43.3	1,469
Junction of rd. E. and lane W. -----	37 25 25.2	93 08 42.8	2,615
Junction of rd. E. -----	37 25 51.4	93 08 42.1	2,652
Junction of rd. W. -----	37 26 17.5	93 08 41.3	2,644
Tps. 31 and 32 N., R. 20 W., approximate cor. secs. 4, 5, 32, and 33, junction of rd. E. -----	37 26 43.5	93 08 40.6	2,627
Junction of rd. W. -----	37 27 09.5	93 08 40.3	2,633
Olive, 2 mi. W. of, on U.S. Highway 65, cor. secs. 28, 29, 32, and 33, T. 32 N., R. 20 W., 73 ft. N. and 38 ft. E. from junction of rd. E., in concrete post; standard tablet stamped "1902 E R A 1935" -----	37 27 36.29	93 08 39.51	2,708
Junction of rd. W. -----	37 28 01.6	93 08 39.7	2,560
T. 32 N., R. 20 W., cor. secs. 20, 21, 28, and 29, crossroad -----	37 28 27.7	93 08 39.4	2,644
Junction of rd. E. -----	37 28 29.7	93 08 37.9	5,254
T T 132 B 1932 (In Buffalo quadrangle; see line 2.) -----	37 30 11.53	93 08 37.44	5,244

10. FROM OZARK QUADRANGLE AT SEC. 3, T. 29 N., R. 21 W., EAST INTO OZARK QUADRANGLE AT SEC. 4, T. 29 N., R. 19 W. (by C. W. Williams in 1937)
(Continued from Ozark quadrangle; see line 9.)

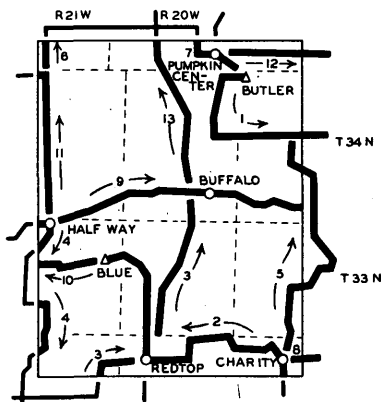
T-rd. S. -----	37 15 24.2	93 12 42.5	(3,168)
T-rd. N. on line between secs. 2 and 3, T. 29 N., R. 21 W. -----	37 15 23.4	93 12 21.7	1,685

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at fence S. -----	37 15 22.1	93 11 32.1	4,017
T-rd. S. -----	37 15 21.0	93 10 58.9	2,682
T. 29 N., R. 21 W., in NE 1/4 sec. 1, 6 ft. N. and 19 ft. E. from T-rd. W., 1 ft. E. of fence, in concrete post; standard tablet stamped "T T 45 W 1937" -----	37 15 18.87	93 10 08.68	4,069
U.S. Highway 66 at junction of private rd. N. ---	37 15 18.6	93 09 27.1	3,363
T T 48 W 1937 (previously described) -----	37 15 55.24	93 07 59.97	7,957
T T 49 W 1937 (previously described) -----	37 16 16.63	93 07 54.47	2,208
T. 30 N., R. 20 W., S. quarter cor. sec. 34, T-rd. N. -----	37 16 14.4	93 07 20.8	2,731
Strafford, St. Louis-San Francisco Ry. at sta. --	37 16 05.6	93 07 01.4	1,804
T. 29 N., R. 20 W., N. cor. secs. 3 and 4, stone in E.-W. fence line -----	37 16 14.1	93 07 00.0	875
T-rd. E. -----	37 15 55.8	93 07 00.2	1,850
T-rd. E. on line between secs. 3 and 4, T. 29 N., R. 20 W. -----	37 15 16.2	93 07 00.8	4,010
T. 29 N., R. 20 W., in NE 1/4 sec. 3, 8 ft. N. and 11 ft. E. from rd. corner from S.-E., 1 ft. S. of fence, in concrete post; standard tablet stamped "T T 46 W 1937" -----	37 15 28.04	93 06 11.73	4,140
Rd. at fence S. on line between secs. 2 and 3, T. 29 N., R. 20 W. -----	37 15 27.6	93 05 55.5	1,312
T-rd. N. -----	37 15 41.0	93 05 23.6	2,921
Crossroads -----	37 15 50.0	93 04 49.0	2,935
U.S. Highway 66 at rd. S. -----	37 16 12.3	93 04 49.0	2,255
U.S. Highway 66 at lane N. on Greene-Webster county line -----	37 16 12.1	93 04 35.8	1,068
U.S. Highway 66 at rd. N. -----	37 16 11.9	93 04 23.6	991
U.S. Highway 66 at rd. S. -----	37 16 23.3	93 03 11.1	5,971
T. 29 N., R. 19 W., near N. quarter cor. sec. 5, 7 ft. S. and 71 ft. E. from SE. corner of Holman School, 16 ft. N. of rd., in concrete post; standard tablet stamped "T T 47 W 1937" -	37 16 20.32	93 02 54.43	1,380
T-rd. E. -----	37 16 15.0	93 02 46.1	866
Rd. at fence W. -----	37 15 35.4	93 01 53.0	5,868
Rd. at fence N. -----	37 15 05.4	93 01 07.2	4,788
T T 29 W 1931 (In Ozark quadrangle; see line 1.)-	37 14 54.11	93 00 26.34	3,496

Magnetic declination 7° 01' E.

BUFFALO QUADRANGLE
(Latitude 37°30' - 37°45'; longitude 93°00' - 93°15')

Dallas and Polk Counties



1. FROM SEC. 6, T. 34 N., R. 19 W., WEST ABOUT 1 MILE. THENCE SOUTH ALONG STATE HIGHWAY 73 TO SEC. 11, T. 34 N., R. 20 W., THENCE EAST ALONG ROADS INTO LONG LANE QUADRANGLE AT SEC. 10, T. 34 N., R. 19 W. (by D. W. Weber in 1931)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Butler triangulation sta.; U.S.C. and G.S. standard disk stamped "Butler" -----	37 43 32.92	93 03 38.45	.....
Rd. junction on N. line sec. 1, T. 34 N., R. 20 W. -----	37 43 36.6	93 04 20.5	3,401
Junction of rd. W. -----	37 43 10.7	93 04 28.0	2,686
Junction of rd. E. -----	37 42 31.8	93 04 38.9	4,026
Buffalo, about 3 mi. N. of, along State Highway 73, 176 ft. S. of private drive, 26 ft. W. of highway, 1 ft. W. of fence, in concrete post; standard tablet stamped "T T 17 W 1931" -----	37 41 43.58	93 05 01.74	5,216
Junction of rd. W. -----	37 41 26.9	93 05 06.3	1,728
Junction of rd. W. -----	37 40 48.2	93 05 20.2	4,071
Junction of rd. E. -----	37 40 35.4	93 05 26.6	1,390
Center of gate, 100 ft. N. of and in line with rd. S. -----	37 40 34.0	93 04 33.1	4,298
Buffalo, 3.4 mi. NE. of, quarter cor. between secs. 7 and 18, T. 34 N., R. 19 W., 18 ft. N. and 39 ft. E. from T-rd. N., 2 ft. N. of fence, in concrete post; standard tablet stamped "T T 18 W 1931" -----	37 40 33.39	93 03 25.51	5,437
Niangua River, center of main span of bridge over Rd. forks -----	37 40 30.1	93 02 27.3	4,692
Drain crossing -----	37 40 09.6	93 02 00.8	2,972
Rd. forks -----	37 40 15.0	93 00 56.6	5,198
Buffalo, 2.5 mi. N. and 5.5 mi. E. from, near W. sixteenth cor. between secs. 10 and 15, T. 34 N., R. 19 W., 40 ft. N. and 270 ft. E. from T-rd. S., 16 ft. S. of rd., 2 ft. S. of fence, in concrete post; standard tablet stamped "T T 19 W 1931" -----	37 40 23.1	93 00 41.4	1,470
Gate to barnyard between dwelling and barn (in Long Lane quadrangle) -----	37 40 30.91	93 00 21.49	1,779
	37 40 43.2	92 59 48.5	2,937

2. FROM STAFFORD QUADRANGLE AT SEC. 9, T. 32 N., R. 19 W., WEST TO REDTOP, THENCE NORTH ALONG U.S. HIGHWAY 65 TO SEC. 20, T. 33 N., R. 20 W., THENCE WEST ALONG ROADS TO SEC. 13, T. 33 N., R. 21 W. (by W. R. Broadus in 1932)

(Continued from Stafford quadrangle; see line 2.)

T. 32 N., R. 19 W., cor. secs. 9, 10, 15, and 16, stone in line with rds. S. and E. -----	37 30 03.4	93 00 56.1	(1,326)
Point at rd. corner in line with rds. E. and SE.-Charity, in SE 1/4 SE 1/4 sec. 4, T. 32 N., R. 19 W., 55 ft. S. of front entrance to general store of O. O. Atterberry, 24 ft. E. of rd., in concrete post; standard tablet stamped "T T 129 B 1932" -----	37 30 29.4	93 01 01.8	2,674
T. 32 N., R. 19 W., W. sixteenth cor. between secs. 4 and 9, T-rd. S. -----	37 31 01.16	93 01 02.53	3,209
	37 30 56.1	93 01 44.2	3,396

Station	Latitude	Longitude	Distance
T-rd. N. -----	° ' "	° ' "	Feet
T. 32 N., R. 19 W., quarter cor. between secs. 5 and 8, rd. at fence N. on W. side of lane N. --	37 30 56.4	93 02 18.5	2,765
T-rd. S. -----	37 30 56.6	93 02 34.0	1,250
T. 32 N., R. 19 W., cor. secs. 5, 6, 7, and 8, crossroads -----	37 30 56.8	93 02 49.3	1,230
March, 1.7 mi. E. of, W. sixteenth cor. between secs. 6 and 7, T. 32 N., R. 19 W., 25 ft. S. and 10 ft. W. from rd. corner from E.-N., in concrete post; standard tablet stamped "T T 130 B 1932" -----	37 30 57.0	93 03 06.7	1,400
T-rd. E. on line between secs. 1 and 6, T. 32 N., Rs. 19 and 20 W. -----	37 30 57.45	93 03 55.80	3,958
March, T-rd. S. at crossroads on line between secs. 1 and 2, T. 32 N., R. 20 W. -----	37 31 09.9	93 04 14.6	1,966
March, 1.8 mi. W. of, E. sixteenth cor. between secs. 3 and 10, T. 32 N., R. 20 W., 380 ft. S. of ford across creek, 10 ft. S. and 80 ft. E. from rd. forks, 33 ft. SW. of church, in concrete post; standard tablet stamped "T T 131 B 1932" -----	37 31 19.0	93 05 20.3	5,375
T. 32 N., R. 20 W., cor. secs. 10, 11, 14, and 15, T-rd. E. -----	37 31 01.55	93 06 40.40	6,688
T. 32 N., R. 20 W., E. sixteenth cor. between secs. 9 and 16, T-rd. N. (? crossroads) -----	37 30 08.8	93 06 27.9	5,426
Redtop, cor. secs. 8, 9, 16, and 17, T. 32 N., R. 20 W., 35 ft. S. and 40 ft. E. from U.S. Highway 65 at E.-W. crossroad, opposite post office, 17 ft. S. of fence corner, in concrete post; standard tablet stamped "T T 132 B 1932" -----	37 30 10.7	93 07 49.0	6,540
Dim crossroad -----	37 30 11.53	93 08 37.44	3,909
T. 32 N., R. 20 W., S. sixteenth cor. between secs. 4 and 5, crossroad -----	37 30 51.8	93 08 36.3	4,079
T. 33 N., R. 20 W., quarter cor. between secs. 32 and 33, crossroad -----	37 31 17.0	93 08 36.0	2,540
Redtop, 2.5 mi. N. of, along U.S. Highway 65, on line between secs. 32 and 33, T. 33 N., R. 20 W., 330 ft. N. and 39 ft. E. from crossroad, in concrete post; standard tablet stamped "T T 133 B 1932" -----	37 32 23.4	93 08 34.4	6,721
T. 33 N., R. 20 W., N. sixteenth cor. between secs. 28 and 29, junction of rd. E. -----	37 32 26.65	93 08 33.87	331
Junction of rd. W. -----	37 33 28.5	93 08 32.5	6,255
T. 33 N., R. 20 W., N. sixteenth cor. between secs. 20 and 21, T-rd. E. -----	37 33 41.5	93 08 32.2	1,315
T-rd. W. -----	37 34 20.5	93 08 30.9	3,945
T. 33 N., R. 20 W., quarter cor. between secs. 17 and 20, 21 ft. N. and 28 ft. W. from T-rd. N., 12 ft. W. of fence corner, in concrete post; standard tablet stamped "T T 134 B 1932" -----	37 34 33.4	93 08 30.5	1,310
T. 33 N., R. 20 W., N. sixteenth cor. sec. 17, crossroads -----	37 34 34.26	93 09 03.80	2,681
T. 33 N., R. 20 W., N. sixteenth cor. sec. 18, crossroads -----	37 35 13.1	93 09 01.8	3,929
T. 33 N., R. 20 W., N. sixteenth cor. on W. line sec. 18, T-rd. E. on Dallas-Polk county line --	37 35 14.5	93 10 06.7	5,225
Blue triangulation sta.; U.S.C. & G.S. standard disk stamped "Blue" -----	37 35 15.2	93 10 39.5	2,637
	37 35 14.77	93 11 11.20	2,556

3. FROM STRAFFORD QUADRANGLE AT SEC. 13, T. 32 N., R. 21 W., EAST TO REDTOP (by E. L. Phillips in 1934)
(Continued from Strafford quadrangle; see line 6.)

Junction of private drive E. -----	37 30 26.3	93 11 51.8	(3,564)
T-rd. E. -----	37 30 43.1	93 11 51.2	1,706
Rd. at center sec. 12, T. 32 N., R. 21 W. -----	37 30 42.7	93 11 19.5	2,550
Crossroads on line between secs. 7 and 12, T. 32 N., Rs. 20 and 21 W., on Dallas-Polk county line -----	37 30 42.1	93 10 47.9	2,549
T-rd. N. -----	37 30 40.4	93 10 13.5	2,772
Rd. at fences N. and S. -----	37 30 39.8	93 09 41.6	2,568
Rd. at driveway S. to schoolhouse -----	37 30 39.4	93 09 25.2	1,322
Crossroads at old Burtonville store -----	37 30 12.9	93 09 17.8	2,740
U.S. Highway 65 at crossroad -----	37 30 11.9	93 08 37.9	3,216
T T 132 B 1932 (previously described) -----	37 30 11.53	93 08 37.44	53

4. FROM BOLIVAR QUADRANGLE EAST ALONG STATE HIGHWAY 64 TO SEC. 4, T. 33 N., R. 21 W., THENCE SOUTH ALONG COUNTY ROUTE H INTO BOLIVAR QUADRANGLE (by J. W. Pothergill in 1934)
(Continued from Bolivar quadrangle; see line 4.)

Half Way, at W. limits of, 62 ft. S. and 56 ft. E. from junction of State Highway 64 and County Route H to S., in concrete post; standard tablet stamped "1227 C W A 1934" -----	37 36 59.15	93 14 58.34	(2,679)
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Station	Latitude	Longitude	Distance
Highway at fence W. -----	37 36 38.4	93 14 59.5	Feet 2,097
(For balance in Bolivar quadrangle, see line 5.)			
Crossroad -----	37 33 36.9	93 14 51.3	(1,758)
Half Way, 5 mi. S. of, in SW 1/4 sec. 28, T. 33 N., R. 21 W., 90 ft. N. and 28 ft. W. from small bridge, in concrete post; standard tab- let stamped "1228 C W A 1934" -----	37 33 03.86	93 14 52.81	3,347
Highway at fence E. -----	37 32 38.2	93 14 51.0	2,605
Highway at fences E. and W. on line between secs. 4 and 33, Tps. 32 and 33 N., R. 21 W. -----	37 32 13.0	93 14 55.2	2,572
(Continued in Bolivar quadrangle; see line 5.)			

5. FROM CHARITY NORTH TO SEC. 15, T. 34 N., R. 19 W., INCLUDING THAT PART
OF THE LINE IN LONG LANE QUADRANGLE (by J. W. Fothergill in 1934)

T T 129 B 1932 (previously described) -----	37 31 01.16	93 01 02.53	.....
T-rd. S. -----	37 31 21.7	93 01 11.0	2,187
T-rd. N. -----	37 31 21.5	93 00 54.4	1,336
Tps. 32 and 33 N., R. 19 W., cor. secs. 3, 4, 33, and 34, rd. at fences E. and W. -----	37 31 47.2	93 00 53.9	2,594
T-rd. E. -----	37 32 13.3	93 00 53.4	2,640
T. 33 N., R. 19 W., S. sixteenth cor. between secs. 33 and 34, stone -----	37 32 52.5	93 00 52.3	3,971
T. 33 N., R. 19 W., in SE 1/4 NW 1/4 sec. 27, 14 ft. W. of rd.; 4 ft. S. and 95 ft. W. from NW. corner of dwelling formerly occupied by Everett Gann, in concrete post; standard tablet stamped "1217 C W A 1934" -----	37 33 10.12	93 00 33.28	2,348
T-rd. N., 166 ft. N. and 4 ft. E. from stone at cor. secs. 21, 22, 27, and 28, T. 33 N., R. 19 W. -----	37 33 33.3	93 00 51.3	2,758
T-rd. W. -----	37 33 57.8	93 00 50.8	2,473
Rd. at fences N. and S. -----	37 34 10.1	93 00 17.8	2,936
T. 33 N., R. 19 W., N. sixteenth cor. between secs. 22 and 23, stone, 3 ft. S. and 14 ft. E. from T-rd. N. -----	37 34 09.7	92 59 45.2	2,624
T-rd. N. -----	37 34 22.3	92 59 28.5	1,858
Meadville, center of W 1/2 sec. 14, T. 33 N., R. 19 W., 75 ft. S. and 47 ft. W. from crossroads, 236 ft. N. and 29 ft. W. from Prospect Baptist Church, in concrete post; standard tablet stamped "1218 C W A 1934" -----	37 34 47.52	92 59 28.10	2,549
Rd. at fences N. and S. -----	37 34 56.4	92 59 11.3	1,629
Stone at corner of fences N., S., and W. -----	37 35 01.0	92 58 55.4	1,355
Rd. fork SE. -----	37 34 55.9	92 58 28.4	2,237
T. 33 N., R. 19 W., quarter cor. between secs. 12 and 13, stone at T-rd. S. -----	37 35 13.2	92 58 05.8	2,527
T-rd. N. -----	37 35 13.5	92 58 22.1	1,306
Dousinbury Creek, S. end of concrete low-water bridge over -----	37 35 42.1	92 58 37.8	3,156
T. 33 N., R. 19 W., approximate cor. secs. 1, 2, 11, and 12, T-rd. W. -----	37 36 05.9	92 58 37.3	2,410
T. 33 N., R. 19 W., near quarter cor. between secs. 2 and 11, 92 ft. S. and 297 ft. W. from dwelling of R. L. Hall, near angle in rd., 2 ft. S. of fence, in concrete post; standard tablet stamped "1219 C W A 1934" -----	37 36 05.16	92 59 06.37	2,341
Rd. at fence E. -----	37 36 19.8	92 59 23.2	2,009
T. 33 N., R. 19 W., quarter cor. between secs. 2 and 3, rd. at fence N. -----	37 36 33.2	92 59 42.4	2,051
Rd. fork SW. -----	37 36 46.4	92 59 58.2	1,845
Cloverdale School, 141 ft. N. and 128 ft. W. from NW. corner of, E. sixteenth cor. sec. 34, T. 34 N., R. 19 W., 42 ft. S. and 28 ft. E. from County Route A at rd. S., in concrete post; standard tablet stamped "1220 C W A 1934" -----	37 37 25.65	92 59 57.68	3,969
County Route A at rd. N. -----	37 37 24.8	92 59 41.4	1,309
County Route A at N.-S. crossroad -----	37 37 31.3	92 59 08.6	2,723
T. 34 N., R. 19 W., quarter cor. between secs. 26 and 35, stone in fence corner -----	37 37 51.1	92 59 08.2	1,996
Rd. fork SE. -----	37 38 16.9	93 58 54.7	2,831
Stone near cor. secs. 22, 23, 26, and 27, T. 34 N., R. 19 W., 175 ft. N. and 20 ft. W. from NW. corner of Roberts yard fence -----	37 38 40.9	92 59 42.5	4,540
T. 34 N., R. 19 W., in NE 1/4 NE 1/4 sec. 27, 11 ft. N. and 28 ft. E. from NE. corner of dwelling of J. G. Whitney, 2 ft. W. of fence, in concrete post; standard tablet stamped "1221 C W A 1934" -----	37 38 43.77	92 59 50.45	706
Fence corner -----	37 39 10.6	92 59 58.9	2,798
Rd. at fences N. and S. -----	37 39 24.3	93 00 12.0	1,743

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 34 N., R. 19 W., center of NW 1/4 sec. 22, stone at fence corner -----	37 39 24.3	93 00 27.2	1,227
Rd. at fences E. and W. -----	37 39 50.5	93 00 26.3	2,656
Rd. at fence E. -----	37 40 16.8	93 00 25.6	2,655
T T 19 W 1931 (previously described) -----	37 40 30.91	93 00 21.49	1,468

6. FROM SEC. 33, T. 35 N., R. 21 W., NORTH INTO URBANA QUADRANGLE AT SEC. 27,
T. 35 N., R. 21 W. (by J. W. Fothergill in 1934)

Goodson, 1.7 mi. N. of, cor. secs. 4, 5, 33, and 34, Tps. 34 and 35 N., R. 21 W., 45 ft. N. and 35 ft. W. from T-rd. W., in concrete post; standard tablet stamped "154 C W A 1934" -----	37 43 52.41	93 14 48.37	.....
T. 35 N., R. 21 W., quarter cor. between secs. 33 and 34, T-rd. E. -----	37 44 18.1	93 14 47.0	2,596
Rd. at triangular-blazed 30-in. sycamore tree ---	37 44 38.2	93 14 26.5	2,623

(Continued in Urbana quadrangle; see line 3.)

7. FROM URBANA QUADRANGLE AT SEC. 25, T. 35 N., R. 20 W., SOUTH AND EAST
TO SEC. 6, T. 34 N., R. 19 W. (by J. W. Fothergill in 1934)
(Continued from Urbana quadrangle; see line 3.)

Pumpkin Center, 1.5 mi. W. of, along County Route N, quarter cor. between secs. 25 and 26, T. 35 N., R. 20 W., 10 ft. S. and 24 ft. W. from junction of rd. E., in concrete post; standard tablet stamped "1233 C W A 1934" -----	37 44 57.73	93 05 53.73	(2,673)
Rd. at fence N. -----	37 44 57.1	93 05 20.8	2,650
T. 35 N., Rs. 19 and 20 W., approximate quarter cor. between secs. 25 and 30, T-rd. N. -----	37 44 56.4	93 04 47.2	2,691
Pumpkin Center, center sec. 30, T. 35 N., R. 19 W., 10 ft. N. and 37 ft. E. from State Highway 73 at rd. W., 44 ft. S. and 80 ft. E. from SE. corner of Pumpkin Center Store, in concrete post; standard tablet stamped "1234 C W A 1934" -----	37 44 54.91	93 04 13.56	2,709
Junction of State Highways 64 and 73 -----	37 44 41.6	93 04 14.6	1,349
State Highway 73 at rd. W. -----	37 44 28.4	93 04 15.1	1,340
State Highway 73 at fences E. and W. -----	37 44 02.6	93 04 16.1	2,610
State Highway 73 at fence W. -----	37 43 49.7	93 04 16.7	1,301
Butler triangulation sta. (previously described) -	37 43 32.92	93 03 38.45	3,513

8. FROM CHARITY EAST INTO LONG LANE QUADRANGLE AT SEC. 3, T. 32 N.,
R. 19 W. (by J. W. Fothergill in 1934)

T T 129 B 1932 (previously described) -----	37 31 01.16	93 01 02.53	.....
Rd. at fence N. -----	37 30 54.8	93 00 22.4	3,294
T. 32 N., R. 19 W., cor. secs. 2, 3, 10, and 11, rd. at fence N. (in Long Lane quadrangle) -----	37 30 53.7	92 59 49.9	2,619

9. FROM HALF WAY EAST ALONG STATE HIGHWAY 64 TO BUFFALO, THENCE EAST
ALONG COUNTY ROUTE A INTO LONG LANE QUADRANGLE (by J. W. Fothergill
in 1934)

1227 C W A 1934 (previously described) -----	37 36 59.15	93 14 58.34	.....
Half Way, highway at fences N. and S. at E. edge of -----	37 36 57.4	93 14 26.7	2,553
Hominy Creek, center of bridge over -----	37 37 07.6	93 13 41.8	3,755
Highway at fence N. -----	37 37 16.3	93 13 11.5	2,589
Crossroad on line between secs. 34 and 35, T. 34 N., R. 21 W. -----	37 37 23.7	93 12 46.6	2,138
Highway at fence N. -----	37 37 34.1	93 12 13.5	2,865
Half Way, 2.5 mi. E. of, 6.5 mi. W. of Buffalo, along State Highway 64, about 920 ft. N. and 200 ft. E. from Bloomer School, 36 ft. N. of highway, 20 ft. W. of field gate, 2 ft. S. of fence, in concrete post; standard tablet stamp- ed "1237 C W A 1934" -----	37 37 36.46	93 12 07.09	566
Highway at fences N. and S. -----	37 37 44.4	93 11 40.3	2,304
Crossroad -----	37 37 49.6	93 11 23.8	1,420
Crossroad -----	37 38 00.0	93 10 50.6	2,870
T. 34 N., Rs. 20 and 21 W., approximate cor. secs. 25, 30, 31, and 36, 30 ft. N. of highway at fences N. and S. on Dallas-Polk county line -	37 38 05.2	93 10 34.3	1,417
Highway at hedge fence N. -----	37 38 04.7	93 10 10.6	1,905
T. 34 N., R. 20 W., E. sixteenth cor. between secs. 30 and 31, highway corner from W.-N. ---	37 38 04.1	93 09 48.3	1,796
Junction of rd. N. -----	37 38 19.9	93 09 27.6	2,303
Buffalo, 3.7 mi. W. of, along State Highway 64, 41 ft. S. and 17 ft. E. from highway at rd. S., 12 ft. S. and 2 ft. E. from fence corner, in concrete post; standard tablet stamped "1238 C W A 1934" -----	37 38 19.28	93 09 14.89	1,025
Lincoln Creek, bridge over -----	37 38 28.2	93 08 47.0	2,412

Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	
Highway at fences N. and S. -----	37	38	23.8	93	08	25.9	1,755
Highway at fence S. -----	37	38	21.9	93	08	09.6	1,327
Junction of rd. S. -----	37	38	23.9	93	07	53.1	1,339
Highway at fences N. and S. -----	37	38	26.9	93	07	20.0	2,680
Junction of rd. S. -----	37	38	26.5	93	06	47.3	2,633
Buffalo, 0.8 mi. SW. of, along State Highway 64, 79 ft. N. and 53 ft. W. from junction of U.S. Highway 65, 4 ft. S. of power-line pole, in concrete post; standard tablet stamped "12 J 1932" -----	37	38	26.52	93	06	15.26	2,574
Junction of U.S. Highway 65 and County Route A --	37	38	39.6	93	06	14.2	1,324
Buffalo, city water tower -----	37	38	43.80	93	05	27.77	3,758
Highway at fences N. and S. near cemetery -----	37	38	38.6	93	05	08.8	1,615
Junction of rd. S. -----	37	38	37.2	93	05	00.7	667
Highway at fences N. and S. -----	37	38	37.6	93	04	36.1	1,981
Greasy Creek, center of S. pier of main span of bridge over -----	37	38	27.1	93	04	02.5	2,902
Highway at fences N. and S. -----	37	38	09.0	93	03	46.6	2,234
Highway at fences N. and S. -----	37	38	07.8	93	03	29.9	1,350
Buffalo, 3 mi. SE. of, along County Route A, in SE 1/4 sec. 30, T. 34 N., R. 19 W., 30 ft. S. and 310 ft. W. from junction of rd. NW., 262 ft. S. of SW. corner of dwelling, in con- crete post; standard tablet stamped "T T 1239 C W A 1934" -----	37	38	06.30	93	03	18.77	906
Highway at fence N., 306 ft. N. of stone at cor. secs. 29, 30, 31, and 32, T. 34 N., R. 19 W. --	37	37	57.8	93	02	57.6	1,911
Highway at fences N. and S. -----	37	37	52.1	93	02	24.9	2,695
Highway at fence S. -----	37	37	56.5	93	02	08.5	1,392
Niangua River, center of E. pier of main span of bridge over -----	37	38	04.3	93	01	37.7	2,599
Highway at fence N. -----	37	37	46.0	93	01	03.2	3,341
Junction of old rd. S. -----	37	37	31.2	93	00	30.8	3,009
Junction of rd. S. -----	37	37	26.3	93	00	14.5	1,400
1220 C W A 1934 (previously described) -----	37	37	25.65	92	59	57.68	1,355

10. FROM SEC. 13, T. 33 N., R. 21 W., WEST INTO BOLIVAR QUADRANGLE AT
SEC. 8, T. 33 N., R. 21 W. (by C. N. Ackerman in 1934)

Blue triangulation sta. (previously described) --	37	35	14.77	93	11	11.20	.....
Junction of lane E. -----	37	35	03.8	93	11	12.9	1,123
T. 33 N., R. 21 W., quarter cor. between secs. 13 and 24 -----	37	34	37.8	93	11	13.8	2,631
Rd. at fence S. -----	37	34	38.2	93	11	46.0	2,600
Rd. at fence E. -----	37	35	07.0	93	12	01.9	3,176
Rd. at fences E. and W. -----	37	35	30.7	93	12	01.2	2,401
T-rd. S. -----	37	35	56.6	93	12	00.5	2,620
Rd. at hedge fence N. -----	37	35	56.8	93	12	17.3	1,350
Rd. at fence S. -----	37	35	54.7	93	12	50.0	2,641
T-rd. E. -----	37	35	51.9	93	13	23.3	2,698
T. 33 N., R. 21 W., quarter cor. between secs. 10 and 15, T-rd. N. -----	37	35	32.1	93	13	24.0	2,003
T-rd. E. -----	37	35	38.6	93	14	13.1	4,010
Rd. at fences N. and S. -----	37	35	33.4	93	14	29.5	1,416
151 C W A 1934 (In Bolivar quadrangle; see line 5.) -----	37	35	34.50	93	15	01.43	2,577

11. FROM HALF WAY NORTH TO SEC. 5, T. 34 N., R. 21 W., THENCE WEST ABOUT
ONE-HALF MILE INTO BOLIVAR QUADRANGLE (by C. N. Ackerman in 1934)

1227 C W A 1934 (previously described) -----	37	36	59.15	93	14	58.34	.....
Tps. 33 and 34 N., R. 21 W., approximate cor. secs. 4, 5, 32, and 33, T-rd. W. -----	37	37	20.2	93	14	58.5	2,132
Rd. at fence W. -----	37	37	46.4	93	14	57.1	2,646
Rd. at fences E. and W. -----	37	38	04.4	93	14	39.4	2,523
Rd. at fence E. -----	37	38	25.0	93	14	39.4	2,067
Half Way, 2 mi. N. of, near W. sixteenth cor. sec. 28, T. 34 N., R. 21 W., 35 ft. S. and 15 ft. E. from T-rd. S., in concrete post; standard tablet stamped "152 C W A 1934" -----	37	38	37.70	93	14	38.74	1,287
Rd. at fence W. -----	37	38	59.8	93	14	55.0	2,583
Crossroads -----	37	39	17.6	93	14	54.5	1,800
T. 34 N., R. 21 W., N. sixteenth cor. between secs. 20 and 21, T-rd. W. -----	37	39	43.8	93	14	54.0	2,656
Rd. at fence W. -----	37	39	56.4	93	14	37.2	1,854
Rd. at fence W. -----	37	40	09.0	93	14	36.9	1,280
Goodson, 1.5 mi. S. of, near W. sixteenth cor. between secs. 9 and 16, T. 34 N., R. 21 W., 35 ft. N. and 50 ft. W. from crossroads, in concrete post; standard tablet stamped "153 C W A 1934" -----	37	40	48.93	93	14	36.73	4,035
Rd. at fence W. -----	37	41	18.4	93	14	35.4	2,979
Rd. corner from W.-N. -----	37	41	27.4	93	14	18.8	1,616
Crossroads -----	37	41	53.1	93	14	18.1	2,595

Station	Latitude	Longitude	Distance
T-rd. S. -----	37 42 06.4	93 14 17.8	Feet 1,349
T. 34 N., R. 21 W., quarter cor. between secs. 4 and 5, crossroads -----	37 42 06.9	93 14 50.4	2,621
T-rd. E. -----	37 42 33.4	93 14 49.9	2,679
Crossroads -----	37 43 12.4	93 14 48.9	2,941
Rd. at fences E. and W. -----	37 43 38.5	93 14 48.3	2,650
154 C W A 1934 (previously described) -----	37 43 52.41	93 14 48.37	1,403

(Continued in Bolivar quadrangle; see line 2.)

12. FROM PUMPKIN CENTER EAST ALONG STATE HIGHWAY 64 INTO LONG LANE
QUADRANGLE (fourth-order traverse by State Highway Department
in 1934)

Junction of State Highways 64 and 73 (previously described) -----	37 44 41.6	93 04 14.6	.....
T. 35 N., R. 19 W., center of SE 1/4 sec. 29, junction of rd. N. -----	37 44 38.7	93 02 52.1	6,632
T. 35 N., R. 19 W., S. sixteenth cor. between secs. 27 and 28, crossroad -----	37 44 35.8	93 01 29.4	6,644
Junction of rd. N. -----	37 44 34.8	93 00 56.6	2,639
Highway at rd. N. and private entrance -----	37 44 33.5	93 00 07.2	3,965
Junction of private entrance S. near church and cemetery (in Long Lane quadrangle) -----	37 44 55.9	92 59 00.4	5,834

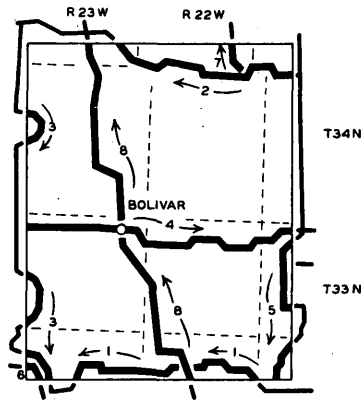
13. FROM SEC. 33, T. 33 N., R. 20 W., NORTH ALONG U.S. HIGHWAY 65 INTO
URBANA QUADRANGLE (fourth-order traverse by State Highway
Department in 1934)

T T 133 B 1932 (previously described) -----	37 32 26.65	93 08 33.87	.....
T. 33 N., R. 20 W., cor. secs. 28, 29, 32, and 33, highway at fences E. and W. -----	37 32 49.4	93 08 33.7	2,298
T. 33 N., R. 20 W., N. sixteenth cor. between secs. 28 and 29, junction of rd. E. -----	37 33 28.5	93 08 32.6	3,963
T. 33 N., R. 20 W., cor. secs. 20, 21, 28, and 29, junction of rd. W. -----	37 33 41.5	93 08 32.2	1,309
Crossroad -----	37 34 19.8	93 08 07.3	4,368
Crossroad -----	37 34 35.3	93 07 57.9	1,737
Crossroad -----	37 34 58.3	93 07 44.0	3,581
Highway at fences E. and W. on line between secs. 9 and 16, T. 33 N., R. 20 W. -----	37 35 24.1	93 07 28.3	2,900
Crossroad -----	37 35 49.8	93 07 12.8	2,882
Highway at fences E. and W. on line between secs. 3 and 10, T. 33 N., R. 20 W. -----	37 36 15.4	93 06 57.3	2,874
Crossroad -----	37 36 41.4	93 06 41.5	2,921
Highway at fences E. and W. on line between secs. 3 and 34, Tps. 33 and 34 N., R. 20 W. -----	37 37 07.5	93 06 25.7	2,931
Crossroad -----	37 37 46.5	93 06 15.8	4,025
Highway at fences E. and W., 15 ft. W. of cor. secs. 26, 27, 34, and 35, T. 34 N., R. 20 W. --	37 37 59.8	93 06 15.4	1,337
12 J 1932 (previously described) -----	37 38 26.52	93 06 15.26	2,708
T. 34 N., R. 20 W., cor. secs. 22, 23, 26, and 27, crossroad -----	37 38 51.7	93 06 13.8	2,549
T. 34 N., R. 20 W., quarter cor. between secs. 22 and 23, crossroad -----	37 39 17.8	93 06 13.0	2,639
T. 34 N., R. 20 W., cor. secs. 14, 15, 22, and 23, junction of rd. W. -----	37 39 43.8	93 06 12.2	2,637
T. 34 N., R. 20 W., quarter cor. between secs. 14 and 15, highway at fences E. and W. -----	37 40 10.1	93 06 11.4	2,656
T. 34 N., R. 20 W., cor. secs. 10, 11, 14, and 15, junction of rd. W. -----	37 40 36.3	93 06 10.6	2,656
T. 34 N., R. 20 W., quarter cor. between secs. 10 and 11, junction of rd. W. -----	37 41 02.3	93 06 09.9	2,628
T. 34 N., R. 20 W., cor. secs. 2, 3, 10, and 11, crossroad -----	37 41 28.3	93 06 09.2	2,637
Cross fences -----	37 42 02.1	93 06 24.7	3,637
Crossroad -----	37 42 23.0	93 06 40.8	2,480
Highway at center of double-box culvert -----	37 43 03.2	93 07 11.6	4,759
Lindley Creek, center of bridge over -----	37 43 48.9	93 07 42.0	5,227
Crossroad -----	37 44 41.7	93 08 00.1	5,542

(Continued in Urbana quadrangle; see line 6.)

Magnetic declination 7° 09' E.

BOLIVAR QUADRANGLE
(Latitude 37°30'-37°45'; longitude 93°15'-93°30')
Polk County



1. FROM MORRISVILLE QUADRANGLE AT SEC. 13, T. 32 N., R. 22 W., WEST
INTO FAIR PLAY QUADRANGLE AT SEC. 18, T. 32 N., R. 23 W. (by
E. L. Phillips in 1934)
(Continued from Morrisville quadrangle; see line 8.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Junction of private drive N. -----	37 30 20.4	93 17 52.9	(3,398)
Junction of drive N. to barnyard -----	37 30 32.5	93 18 15.0	2,034
T-rd. N. -----	37 30 40.2	93 18 41.5	2,425
T-rd. W. -----	37 30 27.5	93 18 58.1	1,852
T. 32 N., R. 22 W., cor. secs. 10, 11, 14, and 15, 15 ft. S. and 20 ft. W. from crossroads, 1 ft. S. and 4 ft. W. from fence corner, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "179 C W A 1934" -----	37 30 28.31 37 30 29.6	93 19 30.90 93 20 08.2	2,645 3,012
Junction of private drive N. -----			
T. 32 N., R. 22 W., cor. secs. 9, 10, 15, and 16, rd. at fence S. -----	37 30 30.2	93 20 35.9	2,230
State Highway 13 at rd. E., 20 ft. N. of rd. W. - Rd. corner from SE.-W. -----	37 30 31.3 37 30 09.2	93 21 09.2 93 21 41.3	2,679 3,421
Crossroads -----	37 30 17.5	93 22 15.3	2,868
T. 32 N., R. 22 W., quarter cor. between secs. 17 and 18, 52 ft. S. and 40 ft. W. from rd. cor- ner from NE.-W., in yard of Lee Cox, 2 ft. in- side fence, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "180 C W A 1934" -----	37 30 07.57	93 22 48.87	2,889
T. 32 N., R. 22 W., center sec. 18, T-rd. E. (? T-rd. S.) -----	37 30 08.8	93 23 21.1	2,603
T. 32 N., Rs. 22 and 23 W., point on line between secs. 13 and 18 -----	37 30 09.6	93 23 52.5	2,530
Rd. corner -----	37 30 10.4	93 24 15.4	1,845
Rd. corner from S.-W. -----	37 30 18.7	93 24 57.2	3,473
Morrisville, NE. corner of St. Louis-San Francisco Ry. sta. -----	37 30 20.7	93 25 30.9	2,724
Rd. at N.-S. line through center sec. 15, T. 32 N., R. 23 W. -----	37 30 18.7	93 26 02.5	2,562
T. 32 N., R. 23 W., in NW 1/4 sec. 15, 165 ft. W. of St. Louis-San Francisco Ry. at rd. crossing, 120 ft. S. of rd., 48 ft. S. of track, 140 ft. W. of fence corner, 2 ft. inside fence, in con- crete post; standard tablet stamped "181 C W A 1934" -----	37 30 23.45	93 26 46.87	3,604
Wishart, NE. corner of St. Louis-San Francisco Ry. sta. -----	37 30 30.4	93 27 34.3	3,890
(For balance in Morrisville quadrangle, see line 9.)			
Rd. corner from E.-N. -----	37 30 04.9	93 29 52.7	(4,355)
182 C W A 1934 (In Fair Play quadrangle; see line 2.) -----	37 30 13.33	93 30 07.76	1,486

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet

2. FROM BUFFALO QUADRANGLE AT SEC. 5, T. 34 N., R. 21 W., NORTHWEST INTO HERMITAGE QUADRANGLE AT SEC. 36, T. 35 N., R. 23 W. (by C. N. Ackerman in 1934)

(Continued from Buffalo quadrangle; see line 11.)

Tps. 34 and 35 N., R. 21 W., approximate quarter cor. between secs. 5 and 33, T-rd. S. -----	37 43 52.2	93 15 19.9	(2,535)
Rd. at fence N. -----	37 43 53.1	93 15 54.4	2,769
Rd. at fence N. -----	37 43 55.3	93 16 27.2	2,648
T-rd. N. -----	37 43 54.1	93 16 44.2	1,370
T-rd. N. -----	37 43 55.0	93 17 16.8	2,626
Rd. at hedge fence N. -----	37 43 55.8	93 17 49.9	2,659
Polk, 0.2 mi. N. and 0.1 mi. W. from S. cor. secs. 31 and 36, T. 35 N., Rs. 21 and 22 W., 30 ft. S. and 15 ft. W. from T-rd. N., 169 ft. NW. of NW. corner of dwelling, in concrete post; standard tablet stamped "155 C W A 1934" -----	37 43 55.97	93 18 06.63	1,346
Rd. at fence S. -----	37 43 57.4	93 18 41.0	2,768
T-rd. W. and fence E. -----	37 44 10.6	93 18 43.3	1,349
T-rd. N., 8 ft. E. of rd. at fence S. at S. sixteenth cor. between secs. 35 and 36, T. 35 N., R. 22 W. -----	37 44 11.3	93 19 12.3	2,330
Stone at rd. forks S. and W. -----	37 43 58.5	93 19 34.0	2,167
T-rd. N. -----	37 43 59.8	93 20 18.9	3,611
T-rd. W. -----	37 43 34.8	93 20 24.1	2,561
T-rd. N. -----	37 42 55.7	93 20 25.6	3,965
Huron, rd. fork SW. at -----	37 42 57.2	93 21 09.9	3,566
Crossroads -----	37 42 57.6	93 21 31.6	1,741
T-rd. E. and fence W. -----	37 43 10.9	93 21 47.2	1,837
T-rd. W. -----	37 43 50.4	93 21 45.7	4,000
T. 34 N., R. 22 W., N. quarter cor. sec. 5, 45 ft. S. and 34 ft. E. from crossroads, in concrete post; standard tablet stamped "156 C W A 1934" -----	37 44 02.37	93 21 44.70	1,212
Rd. at fences N. and S. -----	37 43 50.7	93 22 01.9	1,620
Junction of lane N. -----	37 43 53.6	93 22 28.6	2,160
T-rd. N. -----	37 44 05.0	93 22 48.9	2,007
T. 34 N., Rs. 22 and 23 W., N. cor. secs. 1 and 6, rd. at fence S. and hedge fence N. -----	37 44 06.1	93 23 21.7	2,638
T-rd. N. -----	37 44 19.9	93 23 37.8	1,900
T. 35 N., R. 22 W., S. sixteenth cor. sec. 31, stone in N.-S. fence -----	37 44 20.8	93 24 10.9	2,655
T. 35 N., R. 22 W., in SW 1/4 sec. 31, 28 ft. N. of rd., 374 ft. W. of oak tree at SE. corner of property of C. M. Wheeler, 130 ft. SE. of SE. corner of dwelling, in concrete post; standard tablet stamped "157 C W A 1934" -----	37 44 27.54	93 24 25.10	1,331
Rd. corner from E.-N. -----	37 44 42.5	93 24 47.3	2,339
Rd. on curve near large oak tree at top of hill -----	37 44 53.3	93 24 57.4	1,364
Pomme de Terre River, S. bank of -----	37 44 55.0	93 25 19.7	1,801

(Continued in Hermitage quadrangle; see line 2.)

3. FROM FAIR PLAY QUADRANGLE AT SEC. 6, T. 34 N., R. 23 W., SOUTH INTO FAIR PLAY QUADRANGLE AT SEC. 30, T. 33 N., R. 23 W. (by C. N. Ackerman in 1934)

(Continued from Fair Play quadrangle; see line 2.)

Crossroads -----	37 42 04.0	93 29 58.9	(4,213)
(For balance in Fair Play quadrangle, see line 2.)			
T. 33 N., R. 23 W., quarter cor. between secs. 19 and 30, crossroads -----	37 34 12.3	93 29 44.9	(2,801)
Rd. at fences E. and W., 6 ft. N. of T-rd. E. -----	37 33 46.4	93 29 45.8	2,625
Rd. corner from N.-W. -----	37 33 20.2	93 29 46.8	2,649

(Continued in Fair Play quadrangle; see line 2.)

4. FROM FAIR PLAY QUADRANGLE EAST ALONG STATE HIGHWAY 64 INTO BUFFALO QUADRANGLE (by J. W. Fothergill in 1934)

State Highway 64 at rd. S. (In Fair Play quadrangle; see line 2.) -----	37 37 02.9	93 30 12.5	.....
Junction of rd. S., 10 ft. W. of junction of rd. N. -----	37 36 53.2	93 29 38.6	2,905
T. 33 N., R. 23 W., cor. secs. 5, 6, 7, and 8, highway at fences N. and S. -----	37 36 48.7	93 29 05.8	2,678
Highway at fence N. -----	37 36 48.0	93 28 32.7	2,660
Bolivar, 3 mi. W. of, cor. secs. 4, 5, 8, and 9, T. 33 N., R. 23 W., 35 ft. S. and 32 ft. W. from junction of rd. N., 38 ft. N. and 85 ft. E. from NE. corner of dwelling of Cliff Burohett, in concrete post; standard tablet stamped "1223 C W A 1934" -----	37 36 46.89	93 28 00.14	2,624

Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	
Junction of rd. N. -----	37	36	46.6	93	27	27.1	Feet 2,659
T. 33 N., R. 23 W., cor. secs. 3, 4, 9, and 10, highway at fence N. -----	37	36	46.0	93	26	54.6	2,611
Junction of rd. N. -----	37	36	45.7	93	26	38.1	1,330
Junction of rd. S. -----	37	36	45.1	93	26	05.3	2,642
Bolivar, W. edge of, highway at fences N. and S. -	37	36	44.4	93	25	32.8	2,619
St. Louis-San Francisco Ry. bridge over highway -	37	36	41.8	93	25	09.6	1,881
Bolivar, 35 ft. N. and 25 ft. E. from NE. corner of courthouse, in concrete post; standard tab- let stamped "1224 C W A 1934" -----	37	36	50.46	93	24	38.67	2,640
Bolivar, junction of State Highways 13 and 83 at NE. corner of square -----	37	36	51.4	93	24	38.0	106
Junction of rd. N. -----	37	36	54.5	93	24	04.4	2,720
Highway at fences N. and S. -----	37	36	53.8	93	23	37.4	2,179
Highway at fences N. and S. -----	37	36	39.1	93	23	08.4	2,767
T. 33 N., R. 22 W., N. sixteenth cor. between secs. 7 and 8, highway at fence N. -----	37	36	27.1	93	22	35.9	2,879
Junction of rd. S. and fence N. -----	37	36	26.7	93	22	19.8	1,300
Junction of rd. S. and fence N. -----	37	36	25.7	93	21	46.8	2,650
Bolivar, 3 mi. E. of, along State Highway 64, center of NW 1/4 sec. 9, T. 33 N., R. 22 W., 36 ft. N. of highway at rd. S., in concrete post; standard tablet stamped "1225 C W A 1934" -----	37	36	25.19	93	21	14.01	2,642
Junction of rd. S. and fence N. -----	37	36	25.2	93	20	41.1	2,647
Highway at fence N. -----	37	36	29.2	93	20	08.3	2,670
Highway at fences N. and S. -----	37	36	32.8	93	19	36.1	2,620
T. 33 N., R. 22 W., cor. secs. 2, 3, 10, and 11, junction of rd. N. -----	37	36	32.0	93	19	17.2	1,522
Junction of rd. S. -----	37	36	15.8	93	18	30.8	4,077
Bolivar, 6 mi. E. of, in NW 1/4 sec. 12, T. 33 N., R. 22 W., 42 ft. S. of highway, 142 ft. N. and 11 ft. E. from NE. corner of McKinney School, in concrete post; standard tablet stamped "1226 C W A 1934" -----	37	36	24.86	93	17	55.61	2,975
Junction of rd. N. -----	37	36	33.7	93	17	25.7	2,718
Junction of rd. S., 10 ft. W. of junction of rd. N. -----	37	36	39.9	93	16	37.1	3,800
Crossroad -----	37	36	49.4	93	16	04.0	2,850
Highway at hedge fence S. and fence N. -----	37	36	59.4	93	15	31.6	2,794

(Continued in Buffalo quadrangle; see line 4.)

5. FROM BUFFALO QUADRANGLE SOUTH ALONG COUNTY ROUTE H TO SEC. 5, T. 32 N.,
R. 21 W., THENCE SOUTH ALONG ROADS INTO MORRISVILLE QUADRANGLE AT
SEC. 17, T. 32 N., R. 21 W. (by J. W. Fothergill in 1934)
(Continued from Buffalo quadrangle; see line 4.)

T. 33 N., R. 21 W., N. sixteenth cor. between secs. 8 and 9, crossroads -----	37	36	13.0	93	15	00.3	(2,571)
T. 33 N., R. 21 W., cor. secs. 8, 9, 16, and 17, 20 ft. N. and 35 ft. E. from County Route H at rd. E., 4 ft. N. and 4 ft. E. from fence cor- ner, in concrete post; standard tablet stamped "151 C W A 1934" -----	37	35	34.50	93	15	01.43	3,898
T. 33 N., R. 21 W., quarter cor. between secs. 16 and 17, junction of rd. W. -----	37	35	08.4	93	15	03.1	2,648
Highway at fence E. -----	37	34	55.2	93	15	03.6	1,331
Junction of rd. W., 6 ft. N. of junction of rd. E. -----	37	34	16.4	93	15	04.8	3,930
T. 33 N., R. 21 W., cor. secs. 20, 21, 28, and 29, junction of rd. E. -----	37	33	50.3	93	15	05.2	2,640

(For balance in Buffalo quadrangle, see line 4.)

Crossroad -----	37	31	49.9	93	15	06.8	(2,512)
T-rd. E. -----	37	31	25.8	93	15	07.8	2,440
T. 32 N., R. 21 W., cor. secs. 4, 5, 8, and 9, 23 ft. S. of T-rd. W., 2 ft. S. and 2 ft. W. from fence corner, in concrete post; standard tablet stamped "1229 C W A 1934" -----	37	31	12.97	93	15	08.28	1,303
T-rd. S. -----	37	31	13.8	93	15	24.6	1,319
T-rd. N. -----	37	30	47.7	93	15	25.4	2,636
T. 32 N., R. 21 W., center sec. 8, T-rd. S. -----	37	30	48.7	93	15	41.8	1,318
Rd. at fences E. and W. -----	37	30	22.5	93	15	42.6	2,645
177 C W A 1934 (In Morrisville quadrangle; see line 7.) -----	37	29	43.31	93	16	00.10	4,211

6. FROM MORRISVILLE QUADRANGLE AT SEC. 17, T. 32 N., R. 23 W., NORTHWEST
INTO FAIR PLAY QUADRANGLE AT SEC. 18, T. 32 N., R. 23 W. (by O. E. Fort
in 1934)
(Continued from Morrisville quadrangle; see line 4.)

Rd. corner from E.-N. -----	37	30	04.4	93	29	36.6	(1,485)
182 C W A 1934 (In Fair Play quadrangle; see line 2.) -----	37	30	13.33	93	30	07.76	2,670

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
7. FROM SEC. 31, T. 35 N., R. 21 W., NORTH INTO HERMITAGE QUADRANGLE AT SEC. 25, T. 35 N., R. 22 W. (by J. W. Fothergill in 1934)			
155 C W A 1934 (previously described) -----	37 43 55.97	93 18 06.63	.....
T. 35 N., R. 22 W., E. quarter cor. sec. 36, T-rd. W., 9 ft. S. of rd. at fence E. at W. quarter cor. sec. 31, T. 35 N., R. 21 W. -----	37 44 22.4	93 18 05.4	2,677
Rd. at fence W. -----	37 44 48.7	93 18 16.3	2,802

(Continued in Hermitage quadrangle; see line 4.)

8. FROM MORRISVILLE QUADRANGLE NORTHWEST ALONG STATE HIGHWAY 13 TO BOLIVAR, THENCE NORTHWEST ALONG STATE HIGHWAY 83 INTO HERMITAGE QUADRANGLE (fourth-order traverse by State Highway Department in 1934)			
(Continued from Morrisville quadrangle; see line 12.)			
Crossroad -----	37 30 05.8	93 21 05.6	(2,801)
Junction of rd. E. (previously described) -----	37 30 31.3	93 21 09.2	2,589

THAT PORTION OF THE LINE FROM FOLLOWING POINT NORTH TO JUNCTION OF HIGHWAYS IN BOLIVAR SHOULD BE USED WITH CAUTION.

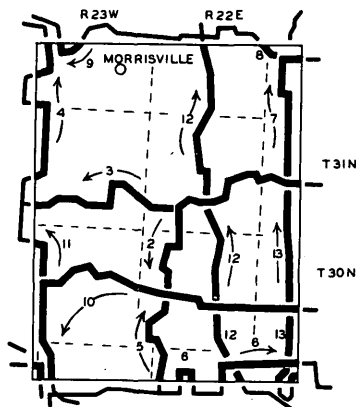
Junction of rd. W. -----	37 30 48.8	93 21 24.7	2,180
Highway at fences E. and W. -----	37 30 58.3	93 21 36.4	1,349
Slagels Creek, center of bridge over -----	37 31 12.2	93 21 55.7	2,102
Junction of rd. W. at fence E. on line between secs. 5 and 8, T. 32 N., R. 22 W. -----	37 31 25.5	93 22 06.0	1,584
Junction of rd. E. -----	37 31 38.9	93 22 18.0	1,664
Slagle, in front of stone store of E. R. Frazier -----	37 31 54.4	93 22 29.5	1,827
Junction of rd. W. and fence E. on line between secs. 6 and 31, Tps. 32 and 33 N., R. 22 W. -----	37 32 18.6	93 22 45.9	2,789
Junction of rd. W. and private lane E. -----	37 32 45.6	93 23 01.3	2,996
Crossroad on line between secs. 30 and 31, T. 33 N., R. 22 W. -----	37 33 12.2	93 23 16.5	2,958
Highway at fences E. and W. -----	37 33 38.6	93 23 29.0	2,861
Junction of rd. E. on line between secs. 19 and 30, T. 33 N., R. 22 W. -----	37 34 05.0	93 23 39.8	2,817
Highway at fences E. and W. -----	37 34 44.7	93 23 49.5	4,090
Junction of rd. E. and fence W. -----	37 35 24.2	93 24 04.6	4,174
Crossroad on line between secs. 12 and 13, T. 33 N., R. 23 W. -----	37 35 50.6	93 24 11.1	2,728
Bolivar, intersection of South Street -----	37 36 17.2	93 24 27.5	3,005
Bolivar, intersection of College Street -----	37 36 23.6	93 24 27.2	643
Bolivar, junction of Maupin Street -----	37 36 36.3	93 24 30.8	1,321
Bolivar, junction of State Highways 64 and 83 (previously described) -----	37 36 51.4	93 24 38.0	1,635
Bolivar, street intersection at new Methodist Church -----	37 37 09.9	93 24 50.9	2,143
Junction of rd. E. -----	37 37 22.9	93 24 50.5	1,314
Junction of rd. S. -----	37 37 23.3	93 25 14.8	1,955
Highway at fence W. on line between secs. 2 and 35, Tps. 33 and 34 N., R. 23 W. -----	37 37 35.9	93 25 14.5	1,277
Highway at fences E. and W. -----	37 38 02.0	93 25 14.1	2,640
T. 34 N., R. 23 W., quarter cor. between secs. 26 and 35, highway at fence E. and fence W. along N. line of T-rd. W. -----	37 38 28.2	93 25 13.2	2,651
Highway at fences E. and W. -----	37 38 54.5	93 25 12.4	2,655
T. 34 N., R. 23 W., cor. secs. 22, 23, 26, and 27, highway at fence N. -----	37 39 21.1	93 25 45.3	3,773
T. 34 N., R. 23 W., quarter cor. between secs. 22 and 27, crossroad -----	37 39 21.8	93 26 16.8	2,535
T. 34 N., R. 23 W., center sec. 22, junction of rd. W. and fence E. -----	37 39 47.9	93 26 15.9	2,644
Crossroad on line between secs. 15 and 22, T. 34 N., R. 23 W. -----	37 40 14.4	93 26 31.1	2,946
Highway at fence W. along S. side of lane -----	37 40 40.5	93 26 30.0	2,641
Highway at hedge fences E. and W. on line between secs. 10 and 15, T. 34 N., R. 23 W. -----	37 41 06.7	93 26 23.5	2,697
Highway at fences E. and W. -----	37 41 33.3	93 26 28.3	2,721
T. 34 N., R. 23 W., W. sixteenth cor. between secs. 3 and 10, crossroad -----	37 41 59.4	93 26 27.1	2,641
Highway at farm entrances E. and W. -----	37 42 25.3	93 26 15.9	2,772
Highway at fences E. and W. on N. side of abandoned rd. -----	37 42 51.8	93 26 13.7	2,685
Crossroad -----	37 43 17.6	93 26 14.0	2,611
Junction of private rd. and fence E. -----	37 43 43.2	93 26 15.6	2,591
Junction of rd. E. on line between secs. 3 and 35, Tps. 34 and 35 N., R. 23 W. -----	37 44 12.1	93 26 20.8	2,950
Junction of rd. W. -----	37 44 52.4	93 26 49.9	4,698

(Continued in Hermitage quadrangle; see line 7.)

Magnetic declination 7° 39' E.

MORRISVILLE QUADRANGLE
(Latitude $37^{\circ}15' - 37^{\circ}30'$; longitude $93^{\circ}15' - 93^{\circ}30'$)

Greene and Polk Counties



1. FROM REPUBLIC QUADRANGLE AT SEC. 6, T. 29 N., R. 23 W., NORTH ABOUT ONE-HALF MILE, THENCE NORTHWEST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY INTO ASH GROVE QUADRANGLE (by J. H. Wilson in 1916)
(Continued from Republic quadrangle; see line 3.)

Station	Latitude	Longitude	Distance
R.R. at rd. crossing -----	° ' " 37 15 04.7	° ' " 93 29 39.9	Feet (2,875)

(Continued in Ash Grove quadrangle; see line 2.)

2. FROM STRAFFORD QUADRANGLE AT SEC. 21, T. 31 N., R. 21 W., WEST TO SEC. 28, T. 31 N., R. 22 W., THENCE SOUTH TO SEC. 20, T. 30 N., R. 22 W. (by O. E. Fort in 1934)
(Continued from Stafford quadrangle; see line 5.)

T. 31 N., R. 21 W., in SW 1/4 sec. 21, 233 ft. E. of fence corner, 230 ft. W. of fence corner, 52 ft. NW. of 22-in. oak tree, 2 ft. N. of E.-W. fence, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 23 23.47	93 15 12.02	(6,900)
T-rd. E. -----	37 23 36.8	93 15 21.6	1,560
Route H at crossroad -----	37 23 51.1	93 16 10.0	4,160
T. 31 N., R. 21 W., sec. 19, rd. at center of -----	37 23 51.9	93 16 58.9	3,950
Rd. corner from E.-N. -----	37 23 52.1	93 17 14.7	1,270
T-rd. E. -----	37 24 05.3	93 17 30.5	1,850
T-rd. W. on line between secs. 19 and 24, T. 31 N., Rs. 21 and 22 W. -----	37 23 54.5	93 17 31.5	1,090
T. 31 N., R. 22 W., center sec. 24, rd. at fences N. and S. -----	37 23 53.1	93 18 03.2	2,560
T. 31 N., R. 22 W., in SW 1/4 sec. 24, 414 ft. E. of fence, 75 ft. S. of triangular-blazed 10-in. white-oak tree, 6 ft. S. of E.-W. fence S. of rd., in concrete post; standard tablet stamped "131 C W A 1934" -----	37 23 53.00	93 18 31.00	2,245
T-rd. N. -----	37 23 41.3	93 19 09.6	3,350
T. 31 N., R. 22 W., quarter cor. between secs. 26 and 27 -----	37 23 03.3	93 19 43.7	4,740
T. 31 N., R. 22 W., in SW 1/4 sec. 27, 20 ft. S. and 94 ft. E. from State Highway 13 at E.-W. crossroad, 129 ft. W. of SE. corner of store building owned by D. Tummins, in concrete post; standard tablet stamped "132 C W A 1934" -----	37 22 37.96	93 20 23.33	4,100
T. 31 N., R. 22 W., rd. at cor. secs. 27, 28, 33, and 34 -----	37 22 38.8	93 20 49.7	2,130
Rd. corner from S.-W. -----	37 22 51.9	93 21 05.6	1,840
Rd. at fences E. and W. -----	37 22 40.1	93 21 38.8	2,940
T. 31 N., R. 22 W., center of NW 1/4 sec. 33, 25 ft. N. and 30 ft. W. from T-rd. W., 56 ft. S. and 15 ft. W. from 15-in. elm tree, in concrete post; standard tablet stamped "133 C W A 1934" -----	37 22 27.32	93 21 39.82	1,290
T-rd. E. -----	37 22 14.0	93 21 40.0	1,350
T-rd. W. -----	37 21 21.6	93 21 41.6	5,300

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. corner from N.-W. -----	37 20 55.4	93 21 43.0	2,650
T-rd. S. -----	37 20 43.2	93 22 18.1	3,090
Rd. at fences E. and W. -----	37 20 17.1	93 22 17.6	2,645
T. 30 N., R. 22 W., E. sixteenth cor. between secs. 8 and 17, 25 ft. S. of T-rd. N., 30 ft. N. of triangular-blazed 12-in. elm tree, 94 ft. W. of power-line pole S. of rd., in con- crete post; standard tablet stamped "134 C W A 1934" -----	37 20 03.76	93 22 17.84	1,350
T. 30 N., R. 22 W., cor. secs. 8, 9, 16, and 17, T-rd. S. -----	37 20 03.6	93 22 01.4	1,325
Rd. at fences E. and W. -----	37 19 37.4	93 22 02.3	2,660
T. 30 N., R. 22 W., cor. secs. 16, 17, 20, and 21, T-rd. W. -----	37 19 11.2	93 22 03.1	2,640
T-rd. E. -----	37 18 58.9	93 22 03.3	1,250
T. 30 N., R. 22 W., in SE 1/4 sec. 20, on highest point in pasture, 604 ft. N. of fence N. of rd., 290 ft. W. of fence, about 100 ft. N. of woods, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 38.45	93 22 24.77	2,700

3. FROM SEC. 33, T. 31 N., R. 22 W., WEST INTO ASH GROVE QUADRANGLE
AT SEC. 30, T. 31 N., R. 23 W. (by O. E. Fort in 1934)

133 C W A 1934 (previously described) -----	37 22 27.32	93 21 39.82	.....
Rd. at fences N. and S. -----	37 22 27.6	93 22 12.2	2,611
T-rd. N. -----	37 22 28.8	93 22 45.4	2,687
Rd. at fences N. and S. -----	37 22 29.2	93 23 02.0	1,340
Rd. at fences N. and S. -----	37 22 30.2	93 23 34.6	2,628
Rd. on line between secs. 30 and 31, T. 31 N., R. 22 W. -----	37 22 34.2	93 23 51.4	1,422
Rd. at fences N. and S. on line between secs. 25 and 30, T. 31 N., R. 22 and 23 W. -----	37 22 52.4	93 24 08.3	2,288
T. 31 N., R. 23 W., center sec. 25, rd. at E. bank of Sac River -----	37 23 11.3	93 24 35.6	2,917
T. 31 N., R. 23 W., in NW 1/4 sec. 25, 60 ft. S. and 30 ft. E. from N.-S. rd. at private rd. E., 54 ft. S. and 257 ft. W. from blazed 20-in. white-oak tree, in concrete post; standard table- t stamped "135 C W A 1934" -----	37 23 14.70	93 24 56.18	1,698
Rd. at fences N. and S. on line between secs. 25 and 26, T. 31 N., R. 23 W. -----	37 23 24.9	93 25 12.3	1,660
County Route Z at rd. E. -----	37 23 25.8	93 25 45.0	2,640
County Route Z at fence E. -----	37 22 46.9	93 26 02.9	4,185
Crossroads -----	37 22 47.7	93 26 36.5	2,715
Rd. at fences N. and S. -----	37 22 49.0	93 27 21.8	3,663
T. 31 N., R. 23 W., in SE 1/4 sec. 28, 100 ft. N. and 300 ft. E. from NE. corner of porch of dwelling of A. H. Whittenberg, 80 ft. S. and 250 ft. W. from 20-in. hickory tree, in con- crete post; standard tablet stamped "136 C W A 1934" -----	37 22 49.70	93 27 34.97	1,063
Rd. fork S. -----	37 22 49.9	93 27 58.6	1,909
Rd. fork W. -----	37 23 02.9	93 28 16.7	1,869
T-rd. E. -----	37 23 04.4	93 29 05.8	3,800
T-rd. W. -----	37 22 51.2	93 29 04.2	1,340
T. 31 N., R. 23 W., cor. secs. 29, 30, 31, and 32, rd. at hedge fence N. -----	37 22 51.9	93 29 37.1	2,661

(Continued in Ash Grove quadrangle; see line 5.)

4. FROM ASH GROVE QUADRANGLE AT SEC. 18, T. 31 N., R. 23 W., NORTH INTO
BOLIVAR QUADRANGLE AT SEC. 17, T. 32 N., R. 23 W. (by O. E. Fort in 1934)
(Continued from Ash Grove quadrangle; see line 5.)

T. 31 N., R. 23 W., cor. secs. 17, 18, 19, and 20, T-rd. N. -----	37 24 37.1	93 29 33.6	(2,671)
T. 31 N., R. 23 W., in NE 1/4 sec. 18, 122 ft. N. and 16 ft. W. from N. abutment of concrete bridge, 27 ft. S. and 40 ft. W. from triangu- lar-blazed 18-in. elm tree E. of rd., in con- crete post; standard tablet stamped "137 C W A 1934" -----	37 25 07.85	93 29 32.95	3,109
T-rd. N. -----	37 25 43.0	93 29 27.3	3,590
Rd. corner from S.-W. -----	37 25 57.0	93 29 26.8	4,413
T. 31 N., R. 23 W., cor. secs. 5, 6, 7, and 8, T-rd. E. -----	37 26 23.0	93 29 30.1	2,639
T-rd. E. -----	37 26 49.3	93 29 29.2	2,671
Tps. 31 and 32 N., R. 23 W., approximate cor. secs. 5, 6, 31, and 32, T-rd. S. -----	37 27 13.7	93 29 28.0	2,465

(For balance in Ash Grove quadrangle, see line 5.)

St. Louis-San Francisco Ry. at W. abutment of trestle 1656 -----	37 28 16.1	93 29 55.8	(3,741)
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Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T-rd. S. -----	37 28 58.8	93 29 39.4	4,513
St. Louis-San Francisco Ry. at S. abutment of bridge 1658 -----	37 29 35.2	93 29 08.2	4,459
St. Louis-San Francisco R.R. at rd. crossing -----	37 29 56.9	93 28 59.6	2,308
Rd. corner from E.-N. -----	37 29 57.9	93 29 20.1	1,652

(Continued in Bolivar quadrangle; see line 6.)

5. FROM REPUBLIC QUADRANGLE AT SEC. 1, T. 29 N., R. 23 W., NORTH TO
SEC. 20, T. 30 N., R. 22 W. (by L. O. Casselman in 1934)
(Continued from Republic quadrangle; see line 7.)

T-rd. W. -----	37 15 36.4	93 23 01.5	(4,000)
St. Louis-San Francisco Ry. at rd. crossing -----	37 15 50.3	93 23 00.7	1,400
Rd. at fence W., 55 ft. S. of rd. at fence E. -----	37 16 02.8	93 23 00.4	1,270
T. 29 N., R. 23 W., in NE. cor. sec. 1, 20 ft. S. and 328 ft. W. from junction of rd. S., 84 ft. S. and 6 ft. W. from SE. corner of dwelling of A. E. Sawyer, in concrete post; standard tablet stamped "104 C W A 1934" -----	37 16 35.60	93 23 03.60	3,320
T-rd. N. -----	37 16 36.1	93 23 16.0	1,000
Rd. at fence E. -----	37 17 10.6	93 23 14.6	3,490
T. 30 N., R. 22 W., cor. secs. 29, 30, 31, and 32, junction of private drive E. -----	37 17 28.5	93 23 14.1	1,810
T-rd. N. -----	37 17 40.5	93 22 39.8	3,030
Rd. corner from W.-N. -----	37 18 13.1	93 22 38.5	3,300
T-rd. S. -----	37 18 32.6	93 22 35.5	1,990
U.S.C. & G.S. and State Survey standard tablet (previously described) -----	37 18 38.45	93 22 24.77	1,050

6. FROM REPUBLIC QUADRANGLE AT SEC. 5, T. 29 N., R. 22 W., EAST INTO
STRAFFORD QUADRANGLE AT SEC. 5, T. 29 N., R. 21 W. (by L. O. Casselman
in 1934)
(Continued from Republic quadrangle; see line 8.)

Rd. corner from S.-E. -----	37 15 00.5	93 21 22.4	(3,150)
(For balance in Republic quadrangle, see line 8.)			
Springfield, intersection of Morton Road and Broadway -----	37 15 05.9	93 18 05.1	(2,730)
Springfield, intersection of Morton Road and Campbell Avenue -----	37 15 05.4	93 17 32.9	2,600
Springfield, about 0.5 mi. N. of N. limits of, in NW 1/4 sec. 1, T. 29 N., R. 22 W., 25 ft. N. and 50 ft. W. from intersection of Morton Road and Summit Avenue, 34 ft. S. and 11 ft. E. from SE. corner of dwelling, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "106 C W A 1934" -----	37 15 05.64	93 17 00.40	2,630
National Boulevard at Morton Road W. on line be- tween secs. 1 and 6, T. 29 N., Rs. 21 and 22 W. T-rd. W. -----	37 15 05.3	93 16 26.9	2,710
U.S. Highway 65 at rd. E. -----	37 15 04.2	93 16 10.2	1,350
T-rd. W. -----	37 15 03.8	93 15 46.6	1,910
T-rd. W. -----	37 15 02.4	93 15 05.8	3,300

(Continued in Strafford quadrangle; see line 7.)

7. FROM SEC. 21, T. 31 N., R. 21 W., NORTH AND EAST INTO STRAFFORD
QUADRANGLE AT SEC. 16, T. 32 N., R. 21 W. (by E. L. Phillips
in 1934)

U.S.C. & G.S. and State Survey standard tablet (previously described) -----	37 23 23.47	93 15 12.02	.....
T-rd. W. -----	37 23 49.9	93 15 21.4	2,779
T. 31 N., R. 21 W., rd. at cor. secs. 16, 17, 20, and 21 -----	37 24 16.1	93 15 20.6	2,650
Rd. at fence E. -----	37 24 42.6	93 15 15.5	2,707
Rd. at fence E. on Greene-Polk county line -----	37 25 08.9	93 15 03.4	2,836
Rd. at fences E. and W. -----	37 25 35.1	93 15 02.4	2,647
T. 31 N., R. 21 W., cor. secs. 4, 5, 8, and 9 -----	37 26 01.5	93 15 18.8	2,946
T. 31 N., R. 21 W., in NE 1/4 sec. 5, 60 ft. S. and 60 ft. W. from T-rd. E., 8 ft. S. and 33 ft. E. from NE. corner of farmhouse of C. A. Patterson, in concrete post; standard tablet stamped "176 C W A 1934" -----	37 26 40.37	93 15 34.50	4,131
T-rd. S. -----	37 27 19.4	93 15 31.0	3,955
Rd. fork NW. -----	37 27 20.3	93 16 09.9	3,440
Rd. corner from S.-E. -----	37 27 46.8	93 16 18.5	2,763
Rd. corner from W.-N. -----	37 27 45.9	93 15 46.4	2,590
Rd. fork NE. -----	37 28 11.3	93 15 22.6	3,202
T. 32 N., R. 21 W., cor. secs. 20, 21, 28, and 29, T-rd. S. -----	37 28 37.1	93 15 12.3	2,744
T-rd. E. -----	37 28 40.2	93 16 02.0	4,021
Center of bridge -----	37 29 15.4	93 15 56.5	3,569

Station	Latitude	Longitude	Distance
	" ' "	" ' "	Feet
Providence, 0.5 mi. E. of, in sec. 17, T. 32 N., R. 21 W., 55 ft. S. and 18 ft. E. from iron pin in T-rd. S., 46 ft. S. and 1 ft. E. from fence corner, in Wilcox pasture, in concrete post; standard tablet stamped "177 C W A 1934" -----	37 29 43.31	93 16 00.10	2,841
Rd. corner from SE.-NE., 30 ft. E. of private driveway -----	37 29 42.2	93 15 41.8	1,483
Rd. at fence N. on line between secs. 16 and 17, T. 32 N., R. 21 W. -----	37 29 42.3	93 15 09.0	2,638

(Continued in Strafford quadrangle; see line 6.)

8. FROM SEC. 17, T. 32 N., R. 21 W., NORTHWEST INTO BOLIVAR QUADRANGLE
AT SEC. 13, T. 32 N., R. 22 W. (by E. L. Phillips in 1934)

177 C W A 1934 (previously described) -----	37 29 43.31	93 16 00.10	.....
Rd. corner to NW., 45 ft. W. of fence S. -----	37 29 49.1	93 16 27.0	2,243
Junction of rd. E., 8 ft. N. and 100 ft. E. from junction of rd. W. -----	37 29 30.8	93 17 01.3	3,332
T. 32 N., Rs. 21 and 22 W., approximate quarter cor. between secs. 13 and 18 -----	37 29 58.1	93 17 21.2	3,198

(Continued in Bolivar quadrangle; see line 1.)

9. FROM BOLIVAR QUADRANGLE AT SEC. 17, T. 32 N., R. 23 W., SOUTHWEST AND
NORTHWEST INTO BOLIVAR QUADRANGLE AT SEC. 18, T. 32 N., R. 23 W.
(by E. L. Phillips in 1934)

(Continued from Bolivar quadrangle; see line 1.)

St. Louis-San Francisco Ry. at rd. crossing -----	37 29 57.0	93 28 59.6	(7,655)
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(Continued in Bolivar quadrangle; see line 1.)

10. FROM STRAFFORD QUADRANGLE AT SEC. 21, T. 30 N., R. 21 W., WEST TO
SEC. 17, T. 30 N., R. 23 W., THENCE SOUTH INTO REPUBLIC QUADRANGLE
AT SEC. 6, T. 29 N., R. 23 W. (by R. D. Moore in 1934)

(Continued from Strafford quadrangle; see line 4.)

T. 30 N., R. 21 W., quarter cor. between secs. 20 and 29, 84 ft. S. and 8 ft. E. from, 300 ft. NE. of dwelling, 17 ft. E. of fence, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 09.18	93 16 20.36	(6,921)
T. 30 N., R. 21 W., 80 ft. S. and 3 ft. W. from quarter cor. between secs. 19 and 30, 80 ft. S. of E.-W. rd., on property of Martha Deeds, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 10.72	93 17 26.19	5,321
McDaniel Lake, E. end of bridge over -----	37 18 14.6	93 18 10.0	3,562
Glidewell, 0.2 mi. S. and 0.2 mi. W. from, in NW 1/4 sec. 26, T. 30 N., R. 22 W., 192 ft. E. of lane, 13 ft. S. of fence, on property of L. J. Murray, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 02.75	93 19 52.39	8,360
T. 30 N., R. 22 W., S. sixteenth cor. sec. 22, 184 ft. S. and 710 ft. E. from, 71 ft. SW. of blazed 15-in. walnut tree, 65 ft. SE. of blazed 18-in. walnut tree, on top of ridge on property of George Schmitt, in limestone ledge; U.S.C. & G.S. and State Survey standard tablet -----	37 18 19.52	93 20 18.46	2,704
T. 30 N., R. 22 W., quarter cor. between secs. 21 and 22, about 500 ft. SW. of dwelling at crossroads, 400 ft. W. of rd., 377 ft. W. of N.-S. fence, 341 ft. S. of E.-W. fence, on property of O. F. Owen, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 39.91	93 21 03.79	4,203
U.S.C. & G.S. and State Survey standard tablet (previously described) -----	37 18 38.45	93 22 24.77	6,545
Fence corner -----	37 18 39.3	93 22 37.5	1,033
T. 30 N., R. 22 W., 290 ft. S. and 180 ft. W. from W. sixteenth cor. sec. 19, about 50 ft. NW. of barn, on property of W. A. Harkney, in concrete post; U.S.C. & G.S. and State Survey standard tablet -----	37 18 45.78	93 24 06.56	7,224
T. 30 N., Rs. 22 and 23 W., approximate quarter cor. between secs. 19 and 24, rd. at fence W. -	37 18 48.5	93 24 17.7	941
T. 30 N., Rs. 22 and 23 W., approximate cor. secs. 13, 18, 19, and 24, T-rd. W. -----	37 19 14.8	93 24 16.7	2,653
Rd. at hedge fence S. -----	37 19 15.3	93 24 50.0	2,685
Rd. at hedge fence S. -----	37 19 15.8	93 25 18.7	2,321

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
County Route Z at crossroad -----	37 19 16.7	93 25 55.9	3,010
Rd. at fences N. and S. -----	37 19 17.6	93 26 29.0	2,680
Crossroads -----	37 19 18.1	93 27 02.2	2,681
T. 30 N., R. 23 W., in SW 1/4 sec. 15, 35 ft. N. and 191 ft. W. from intersection of tangents of U.S. Highway 160 and County Route SA (now State Highway 123), in concrete post; standard tablet stamped "116 C W A 1934" -----	37 19 18.74	93 27 16.08	1,122
Rd. at fences N. and S. -----	37 19 18.7	93 27 35.1	1,540
T. 30 N., R. 23 W., quarter cor. between secs. 16 and 21, U.S. Highway 160 at fences N. and S. -----	37 19 19.4	93 28 08.3	2,679
T. 30 N., R. 23 W., cor. secs. 16, 17, 20, and 21, U.S. Highway 160 at rd. N. -----	37 19 20.0	93 28 41.2	2,660
U.S. Highway 160 at rd. S., 9 ft. E. of junction of rd. N. -----	37 19 20.7	93 29 14.2	2,670
T. 30 N., R. 23 W., cor. secs. 17, 18, 19, and 20, 35 ft. N. and 28 ft. W. from U.S. Highway 160 at N.-S. crossroad, in yard of Yocum School, in concrete post; standard tablet stamped "117 C W A 1934" -----	37 19 21.65	93 29 47.64	2,704
T-rd. N. -----	37 18 42.1	93 29 48.2	4,005
Rd. corner from N.-E., 660 ft. W. of rd. corner from W.-S. -----	37 18 16.2	93 29 57.2	2,719
T. 30 N., R. 23 W., quarter cor. between secs. 29 and 30, rd. at fences E. and W. -----	37 18 02.7	93 29 49.6	1,492
T. 30 N., R. 23 W., cor. secs. 29, 30, 31, and 32, crossroads -----	37 17 36.6	93 29 50.3	2,651
Rd. at fences E. and W. -----	37 17 10.4	93 29 51.1	2,650
T. 30 N., R. 23 W., S. cor. secs. 31 and 32, 24 ft. S. and 5 ft. E. from T-rd. N., in concrete post; standard tablet stamped "118 C W A 1934" -----	37 16 43.97	93 29 51.72	2,674
Rd. at fences E. and W. -----	37 16 21.6	93 29 38.4	2,508
Rd. at fence E. -----	37 15 55.3	93 29 38.9	2,659
T-rd. W. -----	37 15 29.3	93 29 39.4	2,627
County Route T at crossroad -----	37 15 02.8	93 29 40.1	2,684

(Continued in Republic quadrangle; see line 10.)

11. FROM SEC. 17, T. 30 N., R. 23 W., NORTHWEST INTO ASH GROVE QUADRANGLE
AT SEC. 6, T. 30 N., R. 23 W. (by R. D. Moore in 1934)

117 C W A 1934 (previously described) -----	37 19 21.65	93 29 47.64
T. 30 N., R. 23 W., quarter cor. between secs. 17 and 18 -----	37 19 47.5	93 29 46.2	2,617
T. 30 N., R. 23 W., cor. sec. 7, 8, 17, and 18, rd. at fences N. and S. -----	37 20 13.7	93 29 45.6	2,655
Rd. at fences E. and W. -----	37 20 39.9	93 29 44.4	2,823
Crossroads -----	37 21 32.7	93 29 52.6	5,376

(Continued in Ash Grove quadrangle; see line 6.)

12. FROM REPUBLIC QUADRANGLE NORTH ALONG STATE HIGHWAY 13 INTO BOLIVAR QUADRANGLE (fourth-order traverse by State Highway Department in 1934)

(Continued from Republic quadrangle; see line 16.)

Junction of rd. W. -----	37 15 19.2	93 18 36.9	(5,306)
Cross lane -----	37 16 00.7	93 19 01.5	4,640
Highway at fences E. and W. on line between secs. 3 and 35, Tps. 29 and 30 N., R. 22 W. -----	37 16 30.5	93 19 26.4	3,625
Dry Sac River, S. end of bridge over -----	37 17 07.1	93 19 28.0	3,702
Little Sac River, S. end of bridge over -----	37 17 29.2	93 19 25.3	2,244
Highway at fences E. and W. -----	37 17 49.1	93 19 30.3	2,057
Tablet designated "154 C W A 1934" (no description available) -----	37 18 15.59	93 19 36.81	2,731
Highway at fences E. and W. on line between secs. 14 and 23, T. 30 N., R. 22 W. -----	37 19 08.0	93 19 43.3	5,327
T. 30 N., R. 22 W., cor. secs. 10, 11, 14, and 15, crossroad -----	37 20 00.7	93 19 50.4	5,356
Junction of rd. E. -----	37 20 31.3	93 19 49.0	3,100
T. 30 N., R. 22 W., cor. secs. 2, 3, 10, and 11, highway at fences E. and W. -----	37 20 53.0	93 19 48.0	2,199
Crossroad -----	37 21 45.0	93 20 00.1	5,345
Junction of rds. N. and W. -----	37 22 24.8	93 20 18.3	4,286
132 C W A 1934 (previously described) -----	37 22 37.96	93 20 23.33	1,390
Highway at fences E. and W. -----	37 23 04.9	93 20 36.7	2,928
Crossroad -----	37 23 57.0	93 20 34.4	5,278
Highway at fences E. and W. -----	37 24 23.6	93 20 40.2	2,733
Center of double-box bridge -----	37 24 52.9	93 20 52.9	3,134
Highway at telegraph and pipe lines -----	37 25 11.4	93 21 02.1	2,014
Highway at crossroad on line between secs. 9 and 16, T. 31 N., R. 22 W. -----	37 25 17.0	93 21 05.7	631
Dry Fork of Sac River, N. end of bridge over -----	37 25 47.0	93 21 20.6	3,266
Highway at culvert -----	37 26 05.1	93 21 04.9	2,225

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Highway at culvert -----	37 26 28.2	93 20 48.2	2,697
Junction of rd. E. -----	37 26 47.8	93 20 43.0	2,026
Junction of rd. W. -----	37 27 14.2	93 20 55.6	2,857
Brighton, crossroad at -----	37 27 27.6	93 20 58.1	1,379
Highway at fence E. on line between secs. 28 and 33, T. 32 N., R. 22 W. -----	37 27 53.7	93 20 57.2	2,634
Junction of rd. W. -----	37 28 19.7	93 20 56.3	2,636
Crossroad on line between secs. 21 and 28, T. 32 N., R. 22 W. -----	37 28 46.1	93 20 56.7	2,672
Highway at fences E. and W. -----	37 29 12.4	93 20 59.5	2,671
Highway at fences E. and W. on line between secs. 16 and 21, T. 32 N., R. 22 W. -----	37 29 38.4	93 21 00.6	2,633

(Continued in Bolivar quadrangle; see line 8.)

13. FROM STRAFFORD QUADRANGLE AT SEC. 5, T. 29 N., R. 21 W., WEST TO SEC. 6, T. 29 N., R. 21 W., THENCE NORTH ALONG U.S. HIGHWAY 65 TO SEC. 17, T. 30 N., R. 21 W., THENCE NORTH ALONG COUNTY ROUTE H TO SEC. 20, T. 31 N., R. 21 W. (fourth-order traverse by State Highway Department in 1934)

107 C W A 1934 (In Stafford quadrangle; see line 7.) -----	37 15 07.91	93 14 33.43	.....
T-rd. W. -----	37 15 02.4	93 15 06.0	2,688

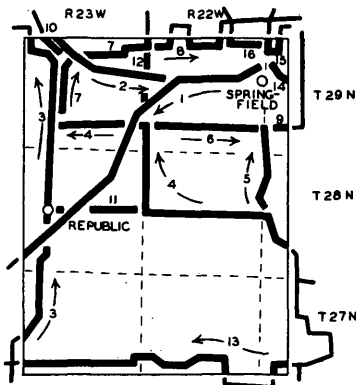
(For balance in Republic quadrangle, see line 15.)

Junction of rd. E. (previously described) -----	37 15 03.8	93 15 46.7	(2,755)
Crossroad -----	37 15 43.5	93 15 52.8	4,051
Highway at fences E. and W. -----	37 16 10.1	93 15 52.0	2,688
Dry Sac River, N. end of bridge over -----	37 16 32.7	93 15 47.6	2,313
Crossroads -----	37 16 50.4	93 15 48.1	1,784
Junction of rd. E. -----	37 17 29.9	93 15 49.2	3,995
Crossroad -----	37 17 42.9	93 15 48.7	1,319
Highway at fences E. and W. on line between secs. 20 and 29, T. 30 N., R. 21 W. -----	37 18 09.3	93 15 47.8	2,669
Cross lane on line between secs. 17 and 20, T. 30 N., R. 21 W. -----	37 19 01.4	93 15 46.5	5,276
Little Sac River, N. end of bridge over -----	37 19 24.9	93 15 44.8	2,374
Crossroad on line between secs. 8 and 17, T. 30 N., R. 21 W. -----	37 19 53.8	93 15 58.6	3,130
Junction of rd. E. and fence W. near Pleasant Hill School -----	37 20 19.9	93 15 59.6	2,642
Highway at fences E. and W. on line between secs. 5 and 8, T. 30 N., R. 21 W. -----	37 20 46.1	93 15 58.7	2,646
Junction of rd. S. -----	37 21 11.0	93 16 14.7	2,831
Highway at fences E. and W. on line between secs. 5 and 32, Tps. 30 and 31 N., R. 21 W. -----	37 21 39.7	93 16 23.4	2,982
S. end of bridge over small creek -----	37 22 11.2	93 16 29.2	3,218
Highway at fence E. on line between secs. 29 and 32, T. 31 N., R. 21 W. -----	37 22 32.5	93 16 26.3	2,172
Highway at fences E. and W. -----	37 22 58.2	93 16 17.7	2,687
Highway at fences E. and W. on line between secs. 20 and 29, T. 31 N., R. 21 W. -----	37 23 24.9	93 16 13.8	2,719
Crossroad (previously described) -----	37 23 51.2	93 16 09.9	2,674

Magnetic declination 7° 21' E.

REPUBLIC QUADRANGLE
(Latitude 37°00'1"-37°15'; longitude 93°15'-93°30')

Christian and Greene Counties



1. FROM SPRINGFIELD SOUTHWEST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY INTO HALLTOWN QUADRANGLE (by George T. Hawkins in 1900, rerun by J. H. Wilson in 1916)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Springfield astronomic pier -----	37 13 12.63	93 17 13.88	
Dorchester, R.R. at sta. -----	37 12 32.8	93 23 10.0	
T. 28 N., R. 23 W., N. quarter cor. sec. 2 -----	37 10 08.3	93 24 58.6	
Brookline, R.R. at sta. -----	37 09 46.6	93 25 09.7	
Republic, R.R. at sta. -----	37 07 07.4	93 28 50.5	
T. 28 N., R. 23 W., quarter cor. between secs. 19 and 20 -----	37 07 06.1	93 28 52.3	

(Continued in Halltown quadrangle; see line 1.)

2. FROM MORRISVILLE QUADRANGLE SOUTHEAST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY TO NICHOLS JUNCTION (by George T. Hawkins in 1900, rerun by J. H. Wilson in 1916)

(Continued from Ash Grove quadrangle; see line 1.)

T. 29 N., R. 23 W., cor. secs. 9, 10, 15, and 16-Elwood, R.R. at sta. -----	37 13 33.5	93 26 24.9	
Nichols Junction, R.R. at -----	37 13 31.9	93 25 52.6	
	37 13 06.7	93 21 49.5	

3. FROM HALLTOWN QUADRANGLE AT SEC. 19, T. 27 N., R. 23 W., NORTH INTO MORRISVILLE QUADRANGLE AT SEC. 6, T. 29 N., R. 23 W. (by J. H. Wilson in 1916)

(Continued from Halltown quadrangle; see line 4.)

T. 27 N., Rs. 23 and 24 W., approximate cor. secs. 13, 18, 19, and 24, crossroads -----	37 02 17.2	93 30 00.4	(5,422)
T. 27 N., R. 24 W., E. cor. secs. 12 and 13, rd. at fence W., 20 ft. S. of rd. at fence E. at W. cor. secs. 7 and 18, T. 27 N., R. 23 W. -----	37 03 10.4	93 29 59.1	5,376
T. 27 N., R. 23 W., W. cor. secs. 6 and 7, 40 ft. N. of E. cor. secs. 1 and 12, T. 27 N., R. 24 W. -----	37 04 03.2	93 29 57.7	5,340
T. 27 N., R. 23 W., N. quarter cor. sec. 6, rd. at fence E., 65 ft. E. of rd. at fence W. at S. quarter cor. sec. 31, T. 28 N., R. 23 W. -----	37 04 55.4	93 29 25.0	5,911
T. 28 N., R. 23 W., quarter cor. between secs. 30 and 31, stone, 25 ft. N. of T-rd. on Christian-Greene county line -----	37 05 48.1	93 29 23.9	5,324
T. 28 N., R. 23 W., cor. secs. 29, 30, 31, and 32, crossroads on Christian-Greene county line -----	37 05 47.5	93 28 51.4	2,636
T. 28 N., R. 23 W., cor. secs. 19, 20, 29, and 30, crossroads -----	37 06 40.0	93 28 50.0	5,309
Republic, in NW 1/4 sec. 20, T. 28 N., R. 23 W., 175 ft. S. of St. Louis-San Francisco Ry. at rd. crossing, 440 ft. S. and 65 ft. E. from semaphore in front of sta., 25 ft. W. of intersection of Main and East Elm Streets; iron post stamped "Prim Trav Sta No 2 1916 Mo" -----	37 07 06.11	93 28 49.45	2,646

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Republic, St. Louis-San Francisco Ry. sta. at ---	37 07 07.4	93 28 50.5	155
Republic, quarter cor. between secs. 19 and 20, T. 28 N., R. 23 W. -----	37 07 06.1	93 28 49.8	143
Republic, street intersection at cor. secs. 17, 18, 19, and 20, T. 28 N., R. 23 W. -----	37 07 32.6	93 28 48.2	2,690
T. 28 N., R. 23 W., cor. secs. 7, 8, 17, and 18, T-rd. W. -----	37 08 25.0	93 28 46.3	5,300
T. 28 N., R. 23 W., cor. secs. 5, 6, 7, and 8, crossroads -----	37 09 17.6	93 28 44.7	5,320
T. 29 N., R. 23 W., S. cor. secs. 31 and 32, stone at T-rd. W., 30 ft. W. of N. cor. secs. 5 and 6, T. 28 N., R. 23 W. -----	37 10 12.7	93 28 43.7	5,576
T. 29 N., R. 23 W., cor. secs. 29, 30, 31, and 32, T-rd. W., 780 ft. S. of Jonas School -----	37 11 05.0	93 28 41.8	5,300
T. 29 N., R. 23 W., cor. secs. 19, 20, 29, and 30, stone at E-W. fence line -----	37 11 57.6	93 28 39.6	5,316
T. 29 N., R. 23 W., cor. secs. 17, 18, 19, and 20, T-rd. N. -----	37 12 50.2	93 28 37.6	5,328
T. 29 N., R. 23 W., quarter cor. between secs. 7 and 18, crossroads -----	37 13 42.9	93 29 08.4	5,683
T. 29 N., R. 23 W., quarter cor. between secs. 6 and 7, 20 ft. N. and 15 ft. W. from, at NE corner of crossroads, at Wyandotte School; iron post stamped "Prim Trav Sta No 3 1916 Mo" -----	37 14 35.5	93 29 06.8	5,325
T. 29 N., R. 23 W., W. cor. secs. 6 and 7, T-rd. E., 35 ft. S. of T-rd. W. at E. cor. secs. 1 and 12, T. 29 N., R. 24 W. -----	37 14 36.2	93 29 40.4	2,719

(Continued in Morrisville quadrangle; see line 1.)

4. FROM OZARK QUADRANGLE AT SEC. 32, T. 28 N., R. 21 W., WEST TO SEC. 18,
T. 28 N., R. 22 W., THENCE NORTH TO SEC. 30, T. 29 N., R. 22 W.,
THENCE WEST TO SEC. 29, T. 29 N., R. 23 W. (by C. N. Ackerman in 1934)
(Continued from Ozark quadrangle; see line 5.)

T-rd. N. -----	37 05 35.8	93 15 16.8	(1,855)
T-rd. E. -----	37 06 01.9	93 15 16.1	2,640
Kissick, in NW 1/4 sec. 29, T. 28 N., R. 21 W., 53 ft. S. and 15 ft. E. from St. Louis-San Francisco Ry. at rd. crossing, in concrete post; standard tablet stamped "170 C W A 1934" -----	37 06 26.23	93 15 26.91	2,610
James River, S. end of bridge over -----	37 06 38.1	93 15 32.0	1,270
Rd. forks near James River Club -----	37 06 49.3	93 15 35.6	1,170
Rd. corner from S.-W. -----	37 07 22.0	93 16 03.6	4,010
T. 28 N., R. 21 W., near quarter cor. between secs. 18 and 19, 31 ft. S. and 14 ft. W. from T-rd. N., on property of Dr. Chester E. Fulton, in concrete post; standard tablet stamped "171 C W A 1934" -----	37 07 21.96	93 16 20.20	1,340
Rd. corner from S.-W., 180 ft. N. of T-rd. E. ---	37 07 24.5	93 16 42.8	1,850
Rd. at fences N. and S. -----	37 07 24.5	93 17 15.2	2,630
T. 28 N., R. 22 W., cor. secs. 13, 14, 23, and 24, crossroads -----	37 07 24.3	93 17 47.7	2,640
Rd. at fence N. at W. end of stone wall -----	37 07 24.8	93 18 20.6	2,660
T. 28 N., R. 22 W., cor. secs. 14, 15, 22, and 23, crossroads -----	37 07 25.2	93 18 53.4	2,660
T. 28 N., R. 22 W., quarter cor. between secs. 15 and 22, 14 ft. N. and 29 ft. W. from T-rd. N., on property of J. W. Maynard, in concrete post; standard tablet stamped "172 C W A 1934" -----	37 07 25.52	93 19 26.69	2,700
T-rd. S. -----	37 07 25.4	93 19 59.2	2,840
Crossroads -----	37 07 25.8	93 20 32.2	2,670
Rd. corner -----	37 07 26.1	93 21 05.4	2,690
T-rd. S. -----	37 07 26.6	93 21 38.2	2,660
Crossroads -----	37 07 30.0	93 22 22.1	3,570
Rd. at fences N. and S. -----	37 07 28.5	93 23 00.6	3,130
T. 28 N., R. 22 W., in SW. cor. sec. 18, 25 ft. N. and 25 ft. E. from T-rd. E., in concrete post; standard tablet stamped "147 C W A 1934" -----	37 07 29.16	93 23 18.95	1,490
Wilson Creek, center of bridge over -----	37 07 39.8	93 23 18.9	1,080
Rd. at fence E. -----	37 08 07.9	93 23 18.4	2,840
Crossroads -----	37 08 21.2	93 23 18.0	1,350
Rd. at fence E. -----	37 08 46.8	93 23 17.3	2,580
T. 28 N., R. 22 and 23 W., cor. secs. 1, 6, 7, and 12, 24 ft. S. and 20 ft. W. from cross- roads, in concrete post; standard tablet stamp- ed "148 C W A 1934" -----	37 09 13.93	93 23 16.80	2,750
Rd. at fence W. -----	37 09 40.6	93 23 15.6	2,700
Rd. at fence E. -----	37 10 33.3	93 23 13.7	5,330
T-rd. E. -----	37 10 46.5	93 23 13.2	1,340
T. 29 N., R. 22 and 23 W., cor. secs. 25, 30, 31, and 36, 50 ft. N. and 25 ft. E. from T-rd. W., in concrete post; standard tablet stamped "149 C W A 1934" -----	37 11 00.35	93 23 12.32	1,400
Rd. at fences N. and S. -----	37 11 00.1	93 23 46.6	2,770
T. 29 N., R. 23 W., cor. secs. 25, 26, 35, and 36, T-rd. S. -----	37 11 00.6	93 24 18.7	2,599

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at fences N. and S. -----	37 11 01.2	93 24 51.9	2,690
U.S. Highway 60 at rd. E. -----	37 11 01.8	93 25 24.6	2,651
T. 29 N., R. 23 W., quarter cor. between secs. 26 and 27, 20 ft. S. and 24 ft. W. from T-rd. W., 3 ft. S. and 5 ft. W. from fence corner, in concrete post; standard tablet stamped "150 C W A 1934" -----	37 11 27.97	93 25 23.91	2,644
Rd. at fences N. and S. -----	37 11 28.7	93 25 56.5	2,641
T. 29 N., R. 23 W., quarter cor. between secs. 27 and 28, crossroads -----	37 11 29.1	93 26 29.4	2,658
Rd. at fences N. and S. -----	37 11 29.6	93 27 02.2	2,660
T-rd. N. -----	37 11 30.2	93 27 35.1	2,661
Rd. at fences N. and S. -----	37 11 30.8	93 28 07.9	2,660
Crossroads -----	37 11 31.5	93 28 41.2	2,689
T. 29 N., R. 23 W., cor. secs. 29, 30, 31, and 32, T-rd. W., 780 ft. S. of Jonas School -----	37 11 05.0	93 28 41.8	2,680

5. FROM SEC. 18, T. 28 N., R. 21 W., NORTH TO SPRINGFIELD (by C. N. Ackerman in 1934)

171 C W A 1934 (previously described) -----	37 07 21.96	93 16 20.20	.....
Rd. at fences E. and W. -----	37 07 48.8	93 16 19.4	2,710
T. 28 N., R. 21 W., quarter cor. between secs. 7 and 18, County Route M at crossroad -----	37 08 14.9	93 16 18.7	2,650
T-rd. W. -----	37 08 39.2	93 16 18.3	2,460
T-rd. W. -----	37 09 09.3	93 16 17.8	3,030
Rd. at fences E. and W. -----	37 09 33.9	93 16 17.5	2,500
Tps. 28 and 29 N., R. 21 W., approximate quarter cor. between secs. 6 and 31, rd. at fences E. and W. -----	37 10 01.7	93 16 17.4	2,820
Springfield, intersection of South Fremont Avenue and Seminole Road -----	37 10 28.1	93 16 17.2	2,670
Springfield, 41 ft. S. and 116 ft. E. from intersection of Sunshine Drive (U.S. Highway 60) and Fremont Avenue, in concrete post; standard tablet stamped "473 C W A 1934" -----	37 10 53.69	93 16 15.39	2,590

6. FROM SEC. 25, T. 29 N., R. 23 W., EAST TO SPRINGFIELD (by C. N. Ackerman in 1934)

149 C W A 1934 (previously described) -----	37 11 00.35	93 23 12.32	.....
Rd. at fences N. and S. -----	37 11 12.6	93 22 45.9	2,475
Rd. at fence N. -----	37 11 12.2	93 22 20.5	2,050
Rd. corner from W.-NE. -----	37 11 11.9	93 22 03.2	1,380
Wilson Creek, center of bridge over -----	37 11 18.7	93 21 55.2	940
Rd. corner from S.-E. -----	37 11 24.7	93 21 30.2	2,080
Crossroads -----	37 11 24.6	93 21 14.6	1,325
T-rd. N. -----	37 10 58.6	93 21 15.5	2,640
Crossroads -----	37 10 58.3	93 20 42.7	2,660
T-rd. N. -----	37 10 58.1	93 20 26.0	1,350
T. 29 N., R. 22 W., cor. secs. 27, 28, 33, and 34, 33 ft. S. and 72 ft. W. from crossroads, near Sherwood School, in concrete post; standard tablet stamped "174 C W A 1934" -----	37 10 57.35	93 19 53.64	2,620
Sunshine Drive at rd. S. to hospital -----	37 10 57.1	93 19 20.0	2,720
Sunshine Drive at rd. S. -----	37 10 56.5	93 18 48.2	2,580
Sunshine Drive at rd. N., 30 ft. W. of junction of rd. S. -----	37 10 56.3	93 18 31.1	1,380
Springfield, intersection of Sunshine Drive and Campbell Street -----	37 10 55.8	93 17 41.4	4,020
Springfield, intersection of Sunshine Drive and Holland Avenue -----	37 10 55.4	93 17 08.7	2,650
Springfield, intersection of Sunshine Drive and National Avenue -----	37 10 54.8	93 16 35.3	2,700
173 C W A 1934 (previously described) -----	37 10 53.69	93 16 15.39	1,615

7. FROM SEC. 18, T. 29 N., R. 23 W., NORTH TO SEC. 5, T. 29 N., R. 23 W., THENCE EAST AND NORTH INTO MORRISVILLE QUADRANGLE AT SEC. 1, T. 29 N., R. 23 W. (by L. O. Casselman in 1934)

T. 29 N., R. 23 W., cor. secs. 17, 18, 19, and 20, T-rd. N. (previously described) -----	37 12 50.2	93 28 37.6	.....
Rd. at fences E. and W. -----	37 13 16.1	93 28 36.6	2,620
T. 29 N., R. 23 W., cor. secs. 7, 8, 17, and 18, crossroads -----	37 13 42.2	93 28 35.7	2,640
Rd. at fences E. and W. -----	37 14 08.4	93 28 35.0	2,651
T. 29 N., R. 23 W., near cor. secs. 5, 6, 7, and 8, 41 ft. S. of S. rail of St. Louis-San Francisco Ry. track, 187 ft. E. of semaphore 1918, 6 ft. N. of fence, in concrete post; standard tablet stamped "101 C W A 1934" -----	37 14 33.61	93 28 29.93	2,582
Rd. at fences N. and S. -----	37 14 34.0	93 28 00.1	2,334
T. 29 N., R. 23 W., cor. secs. 4, 5, 8, and 9, crossroads -----	37 14 33.4	93 27 27.4	2,651
T-rd. W., 66 ft. N. of T-rd. E. -----	37 14 33.0	93 26 54.4	2,670
T. 29 N., R. 23 W., cor. secs. 3, 4, 9, and 10, crossroads -----	37 14 32.4	93 26 22.5	2,670

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 29 N., R. 23 W., quarter cor. between secs. 3 and 10, 36 ft. N. and 18 ft. E. from crossroads, on property of M. T. Mount, in concrete post; standard tablet stamped "102 C W A 1934"-----	37 14 32.58	93 25 48.99	2,710
T-rd. S., 27 ft. W. of T-rd. N. -----	37 14 31.7	93 25 00.0	3,970
T-rd. N. -----	37 14 31.8	93 24 43.0	1,370
T. 29 N., R. 23 W., cor. secs. 1, 2, 11, and 12, rd. at fence S. -----	37 14 31.5	93 24 10.1	2,670
Rd. at fence N. -----	37 14 31.0	93 23 37.6	2,630
T. 29 N., Rs. 22 and 23 W., cor. secs. 1, 6, 7, and 12, 300 ft. S. and 48 ft. W. from crossroads, 26 ft. N. and 55 ft. E. from NE. corner of farmhouse of L. J. Trogden, in yard, in concrete post; standard tablet stamped "103 C W A 1934"-----	37 14 27.60	93 23 05.15	2,647
Rd. at fence W. -----	37 14 56.9	93 23 03.3	2,970

(Continued in Morrisville quadrangle; see line 5.)

8. FROM SEC. 1, T. 29 N., R. 23 W., EAST AND NORTH INTO MORRISVILLE QUADRANGLE
AT SEC. 2, T. 29 N., R. 22 W. (by L. O. Casselman in 1934)

103 C W A 1934 (previously described) -----	37 14 27.60	93 23 05.15	.....
Rd. at fences N. and S. -----	37 14 30.1	93 22 29.6	2,880
T. 29 N., R. 22 W., cor. secs. 5, 6, 7, and 8, crossroads -----	37 14 29.7	93 21 56.4	2,690
Crossroads, 240 ft. S. of St. Louis-San Francisco Ry. at rd. crossing -----	37 14 29.4	93 21 23.4	2,660

(For balance in Morrisville quadrangle, see line 6.)

Rd. at fences N. and S. -----	37 14 55.3	93 20 49.7	(2,700)
Rd. at fence S. -----	37 14 55.0	93 20 16.9	2,650
T. 29 N., R. 22 W., near center of W $\frac{1}{2}$ sec. 3, 50 ft. N. of Melville or Percy Cave Road, on property of G. F. Spear, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "105 C W A 1934"-----	37 14 54.41	93 19 27.43	4,000
Rd. at fences E. and W. -----	37 14 54.0	93 19 11.1	1,320
State Highway 13 at rd. E. -----	37 14 59.8	93 18 38.0	2,740

(Continued in Morrisville quadrangle; see line 6.)

9. FROM SPRINGFIELD EAST ALONG COUNTY ROUTE D INTO OZARK QUADRANGLE
(by L. O. Casselman in 1934)

173 C W A 1934 (previously described) -----	37 10 53.69	93 16 15.39	.....
Springfield, intersection of Sunshine Drive and Glenstone Avenue -----	37 10 53.6	93 15 44.0	2,540

(Continued in Ozark quadrangle; see line 3.)

10. FROM MORRISVILLE QUADRANGLE AT SEC. 6, T. 29 N., R. 23 W., SOUTHEAST
TO SEC. 5, T. 29 N., R. 23 W. (by R. D. Moore in 1934)
(Continued from Morrisville quadrangle; see line 10.)

T-rd. E. (previously described) -----	37 14 36.2	93 29 40.4	(2,691)
County Route T at crossroad -----	37 14 35.4	93 29 06.7	2,729
101 C W A 1934 (previously described) -----	37 14 33.61	93 28 29.93	2,981

11. FROM REPUBLIC EAST TO SEC. 18, T. 28 N., R. 22 W. (by G. H. Chapman in 1934)

Prim Trav Sta No 2 1916 Mo (previously described) -----	37 07 06.11	93 28 49.45	.....
Republic, municipal water tank -----	37 06 58.7	93 28 47.8	762
Crossroads -----	37 07 05.4	93 27 43.2	5,282
T. 28 N., R. 23 W., cor. secs. 16, 17, 20, and 21, crossroads -----	37 07 31.8	93 27 42.5	2,675
Rd. at fences N. and S. -----	37 07 31.5	93 27 09.3	2,690
Rd. at fence N. -----	37 07 31.0	93 26 36.5	2,660
T. 28 N., R. 23 W., near W. sixteenth cor. between secs. 15 and 22, 80 ft. N. and 10 ft. E from concrete silo S. of rd., 16 ft. N. of fence N. of rd., in concrete post; standard tablet stamped "146 C W A 1934"-----	37 07 30.99	93 26 19.12	1,406
Rd. at fence E. on E. side of Harrington Cemetery	37 07 30.5	93 26 05.8	1,080
T. 28 N., R. 23 W., cor. secs. 14, 15, 22, and 23, rd. at fences N. and S. -----	37 07 30.0	93 25 30.6	2,859
Crossroads -----	37 07 29.8	93 25 14.2	1,330
Crossroads -----	37 07 03.4	93 25 15.0	2,665
Crossroads -----	37 07 03.2	93 24 25.6	4,008
T-rd. S. -----	37 07 02.8	93 23 52.6	2,675
T. 28 N., Rs. 22 and 23 W., approximate quarter cor. between secs. 19 and 24, crossroads -----	37 07 02.4	93 23 19.8	2,660
147 C W A 1934 (previously described) -----	37 07 29.16	93 23 18.95	2,703

Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	Feet
12. FROM SEC. 1, T. 29 N., R. 23 W., SOUTH TO SEC. 25, T. 29 N., R. 23 W. (by G. H. Chapman in 1934)							
103 C W A 1934 (previously described) -----	37	14	27.60	93	23	05.15	.....
Rd. at fence -----	37	14	03.7	93	23	05.5	2,420
T. 29 N., Rs. 22 and 23 W., approximate cor. secs. 7, 12, 13, and 18, crossroads -----	37	13	38.2	93	23	06.5	2,580
St. Louis-San Francisco Ry. at rd. crossing -----	37	13	19.6	93	23	07.2	1,870
T. 29 N., Rs. 22 and 23 W., approximate cor. secs. 13, 16, 19, and 24, U.S. Highway 66 at crossroad -----	37	12	44.9	93	23	08.7	3,520
T-rd. E. -----	37	12	19.1	93	23	09.6	2,610
T. 29 N., Rs. 22 and 23 W., approximate cor. secs. 19, 24, and 30, crossroads -----	37	11	52.4	93	23	10.7	2,700
Rd. at hedge fence E. -----	37	11	26.2	93	23	11.7	2,660
149 C W A 1934 (previously described) -----	37	11	00.35	93	23	12.32	2,610

13. FROM OZARK QUADRANGLE AT SEC. 32, T. 27 N., R. 21 W., WEST INTO
HALLTOWN QUADRANGLE AT SEC. 30, T. 27 N., R. 23 W. (by R. S. Wilson
in 1935)

(Continued from Ozark quadrangle; see line 7.)

Ozark, 4.5 mi. SW. of, N. sixteenth cor. be- tween secs. 31 and 32, T. 27 N., R. 21 W., 760 ft. E. of T-rd. E., 25 ft. S. of rd., 79 ft. N. and 15 ft. E. from dwelling of Mrs. Leota Tennis, in concrete post; stan- dard tablet stamped "2013 E R A 1935" -----	37	00	07.53	93	15	48.09	(5,202)
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(For balance in Ponce de Leon quadrangle, see line 2.)

Nixa, 2.7 mi. S. of, near N. sixteenth cor. be- tween secs. 35 and 36, T. 27 N., R. 22 W., 25 ft. SE. of County Route D (State Highway 123) on curve, 115 ft. N. and 6 ft. E. from NE. corner of dwelling of Anson Keithley, in concrete post; standard tablet stamped "2014 E R A 1934" -----	37	00	08.27	93	17	59.22	(1,098)
State Highway 123 at crossroad -----	37	00	50.3	93	17	43.1	4,443
T. 27 N., R. 22 W., quarter cor. between secs. 25 and 26, crossroads -----	37	00	50.5	93	17	59.5	1,325
T. 27 N., R. 22 W., quarter cor. between secs. 26 and 27, crossroads -----	37	00	51.0	93	19	05.8	5,376
T. 27 N., R. 22 W., quarter cor. between secs. 27 and 28, T-rd. N. -----	37	00	51.7	93	20	11.3	5,315
Nixa, 2 mi. S., thence 3.4 mi. W. from, quarter cor. between secs. 28 and 33, T. 27 N., R. 22 W., 5 ft. S. and 20 ft. E. from T-rd. W., about 185 ft. N. and 80 ft. E. from NE. corner of dwelling of J. H. Herndon, in concrete post; standard tablet stamped "2015 E R A 1935" -----	37	00	25.80	93	20	45.01	3,785
T-rd. N. -----	37	00	09.6	93	21	35.0	4,372
James River, S. end of bridge over -----	37	00	24.1	93	21	50.7	1,939
T-rd. S. -----	37	00	53.4	93	21	51.0	2,961
T-rd. S. -----	37	00	58.6	93	22	23.3	2,667
T-rd. S. -----	37	01	00.1	93	22	39.6	1,337
T. 27 N., R. 22 W., W. quarter cor. sec. 30, T-rd. E. -----	37	00	54.2	93	23	30.0	4,125
Boaz, 0.8 mi. S. and 0.5 mi. E. from, E. cor. secs. 25 and 36, T. 27 N., R. 23 W., 11 ft. E. of T-rd. W., 36 ft. S. and 11 ft. E. from stone in rd. at fence E. at W. cor. secs. 30 and 31, T. 27 N., R. 22 W., in concrete post; standard tablet stamped "2016 E R A 1935" -----	37	00	27.35	93	23	30.52	2,718
T. 27 N., R. 23 W., quarter cor. between secs. 25 and 36, T-rd. N. -----	37	00	27.3	93	24	03.3	2,660
T. 27 N., R. 23 W., cor. secs. 25, 26, 35, and 36, rd. at fences N. and S. -----	37	00	27.4	93	24	35.7	2,623
T. 27 N., R. 23 W., cor. secs. 26, 27, 34, and 35, crossroads -----	37	00	28.4	93	25	41.4	5,328
Clever, 1 mi. S. and 1.5 mi. E. from, cor. secs. 27, 28, 33, and 34, T. 27 N., R. 23 W., 20 ft. N. and 30 ft. E. from crossroads, 20 ft. S. and 77 ft. W. from SW. corner of dwelling of C. H. Ghan, in concrete post; standard tablet stamped "2017 E R A 1935" -----	37	00	29.45	93	26	47.01	5,326
T. 27 N., R. 23 W., quarter cor. between secs. 28 and 33, T-rd. S. -----	37	00	29.5	93	27	20.1	2,680
T. 27 N., R. 23 W., cor. secs. 28, 29, 32, and 33, crossroads -----	37	00	29.7	93	27	52.5	2,630
T. 27 N., R. 23 W., cor. secs. 29, 30, 31, and 32, rd. corner from N.-W., 80 ft. E. of T-rd. S. -----	37	00	30.3	93	28	57.0	5,232

(Continued in Halltown quadrangle; see line 8.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet

14. FROM OZARK QUADRANGLE AT SEC. 17, T. 29 N., R. 21 W., NORTHWEST TO DRURY COLLEGE (by C. W. Williams in 1937)

108 C W A 1934 (In Ozark quadrangle; see line 4.)	37 12 36.68	93 14 50.55	.....
St. Louis-San Francisco Ry. at Mill Street Road crossing -----	37 12 38.9	93 15 31.8	3,346
St. Louis-San Francisco Ry. at Mill Street crossing -----	37 12 39.9	93 16 23.6	4,187
Springfield astronomic pier (previously described) -----	37 13 12.63	93 17 13.88	5,246

15. FROM MORRISVILLE QUADRANGLE AT SEC. 6, T. 29 N., R. 21 W., NORTH ALONG U.S. HIGHWAY 65 INTO MORRISVILLE QUADRANGLE (fourth-order traverse by State Highway Department in 1934)
(Continued from Morrisville quadrangle; see line 13.)

Intersection of U.S. Highways 65 and 66 -----	37 14 24.0	93 15 39.1	(4,719)
Highway at fence W. -----	37 14 37.3	93 15 38.7	1,337

(Continued in Morrisville quadrangle; see line 13.)

16. FROM SEC. 7, T. 29 N., R. 21 W., WEST ALONG U.S. HIGHWAY 66 AND NORTH ALONG STATE HIGHWAY 13 INTO MORRISVILLE QUADRANGLE (fourth-order traverse by State Highway Department in 1934)

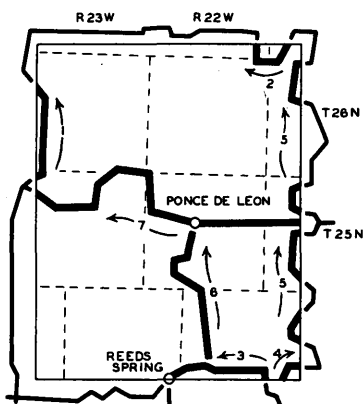
Intersection of highways (previously described) -	37 14 24.0	93 15 39.0	.....
T. 29 N., R. 21 W., E. sixteenth cor. between			
secs. 6 and 7, highway at fence S. -----	37 14 24.2	93 15 55.5	1,333
Intersection of National Boulevard -----	37 14 25.9	93 16 28.5	2,677
Intersection of East Avenue -----	37 14 26.0	93 16 44.8	1,321
Intersection of Summit Avenue -----	37 14 26.0	93 17 01.0	1,310
Intersection of Robberson Avenue -----	37 14 26.0	93 17 23.9	1,851
Intersection of Euuglas Avenue -----	37 14 26.4	93 17 55.9	2,585
Intersection of Broadway -----	37 14 26.5	93 18 06.6	870
Junction of State Highway 13 -----	37 14 26.8	93 18 35.0	2,292

(Continued in Morrisville quadrangle; see line 12.)

Magnetic declination 7° 14' E.

PONCE de LEON QUADRANGLE
(Latitude 36°45'-37°00'; longitude 93°15'-93°30')

Christian, Stone, and Taney Counties



1. FROM ELSEY QUADRANGLE NORTH ALONG MISSOURI PACIFIC RAILROAD INTO ELSEY QUADRANGLE (by J. L. Sanders in 1923-24)
(Continued from Elsey quadrangle; see line 5.)

Station	Latitude	Longitude	Distance
R.R. at rd. crossing -----	36 54 13.7	93 29 35.6	Feet
Spring Creek, center of bridge over -----	36 55 23.9	93 29 43.9	(3,512)
Hurley, 35 ft. S. and 42 ft. W. from crossing of Main Street, 5 ft. E. of brick building, in concrete post; standard tablet stamped "Prim Trav Sta No 36 S 1924 Mo" -----	36 55 51.39	93 29 47.54	2,793
T. 26 N., R. 23 W., quarter cor. between secs. 19 and 30 -----	36 56 07.6	93 29 34.4	1,954
Concrete block with copper tablet stamped "Milepost 485" -----	36 56 39.7	93 29 44.0	3,340
Conda, R.R. at rd. crossing at -----	36 56 48.6	93 29 45.0	700
Conda, R.R. at rd. crossing, 2,000 ft. N. of -----	36 57 06.7	93 29 47.9	2,050

(Continued in Elsey quadrangle; see line 5.)

2. FROM REPUBLIC QUADRANGLE AT SEC. 31, T. 27 N., R. 21 W., WEST AND NORTH INTO REPUBLIC QUADRANGLE AT SEC. 36, T. 27 N., R. 22 W.
(by R. S. Wilson in 1935)

(Continued from Republic quadrangle; see line 13.)

T-rd. W. -----	36 59 52.1	93 15 57.8	(1,754)
T. 27 N., R. 21 W., S. cor. secs. 31 and 32, T-rd. N. -----	36 59 28.8	93 15 58.3	2,350
T. 26 N., R. 21 W., N. quarter cor. sec. 6, T-rd. S. -----	36 59 29.8	93 16 29.6	2,538
Finley Creek, E. end of bridge over, at Riverdale T. 27 N., R. 22 W., quarter cor. between secs. 35 and 36, State Highway 123 at rd. E. -----	36 59 43.0	93 17 21.3	4,399
	36 59 57.6	93 18 01.6	3,592

(Continued in Republic quadrangle; see line 13.)

3. FROM GARBER QUADRANGLE WEST ALONG STATE HIGHWAY 76 TO REEDS SPRING, THENCE SOUTH ALONG STATE HIGHWAY 13 INTO GARBER QUADRANGLE (by R. S. Wilson in 1935)

(Continued from Garber quadrangle; see line 3.)

Junction of rd. E. -----	36 45 13.5	93 17 36.2	(2,937)
Highway at fences N. and S. on Stone-Taney county line -----	36 45 03.7	93 18 24.2	4,023
Reeds Spring, 4.5 mi. E. of, 40 ft. N. and 5 ft. E. from highway at fence N., 120 ft. N. and 4 ft. W. from small dwelling, in concrete post; standard tablet stamped "2019 E R A 1935" Highway at triangular-blazed 8-in. oak tree S. of highway -----	36 45 05.24	93 18 50.78	2,172
T. 24 N., R. 22 W., S. sixteenth cor. between secs. 19 and 20 -----	36 45 20.0	93 19 19.5	2,775
Reeds Spring, about 3 mi. E. of, 125 ft. S. and 200 ft. E. from junction of U.S. Highway 65, in concrete post; standard tablet stamped "2020 E R A 1935" -----	36 45 44.3	93 20 33.0	6,468
	36 45 53.86	93 20 48.17	1,567

Station	Latitude	Longitude	Distance
Junction of rd. E. -----	36 45 35.6	93 21 36.9	4,376
Highway at fence S. -----	36 45 21.2	93 22 30.6	4,605
U.S.C. & G.S. standard disk stamped "Z 60 1934"- Reeds Spring, 200 ft. SW. of mill, 160 ft. S. of Missouri Pacific R.R., 100 ft. S. of rd., in rear of dwelling, in limestone boulder; aluminum tablet stamped "1903 1179 Adj" -----	36 45 16.38	93 22 58.54	2,323
	36 45 01.35	93 22 45.42	1,857

(Continued in Garber quadrangle; see line 3.)

4. FROM GARBER QUADRANGLE NORTHEAST ALONG STATE HIGHWAY 76 INTO CHADWICK QUADRANGLE AT SEC. 24, T. 24 N., R. 22 W. (by C. W. Williams in 1937)
(Continued from Garber quadrangle; see line 7.)

T-fence N. -----	36 45 03.9	93 16 31.0	(2,486)
Highway at fence N. on line between secs. 19 and 24, T. 24 N., Rs. 21 and 22 W. -----	36 45 38.0	93 15 09.3	7,493

(Continued in Chadwick quadrangle; see line 7.)

5. FROM CHADWICK QUADRANGLE AT SEC. 18, T. 24 N., R. 21 W., NORTH INTO CHADWICK QUADRANGLE AT SEC. 8, T. 26 N., R. 21 W. (by C. W. Williams in 1937)
(Continued from Chadwick quadrangle; see line 8.)

Rd. at fence S. -----	36 46 44.6	93 15 11.5	(3,905)
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(For balance in Chadwick quadrangle, see line 8.)

T. 25 N., R. 21 W., cor. secs. 28, 29, 32, and 33, stone at T-fence E. -----	36 49 49.3	93 15 04.9	(2,927)
T. 25 N., R. 21 W., in NE 1/4 sec. 29, 115 ft. E. of T-rd. N., 31 ft. N. of rd., 2 ft. S. of fence, in concrete post; standard tablet stamp- ed "T T 10 W 1937" -----	36 50 38.91	93 15 25.89	5,303
T. 25 N., R. 21 W., N. sixteenth cor. between secs. 20 and 21, stone in E-W. fence -----	36 51 20.2	93 15 03.2	4,560

(For balance in Chadwick quadrangle, see line 8.)

T. 25 N., R. 21 W., approximate cor. secs. 8, 9, 16, and 17, rd. at fence W. -----	36 52 24.8	93 15 00.5	(3,426)
T. 25 N., R. 21 W., approximate cor. secs. 4, 5, 8, and 9, rd. at fence E. -----	36 53 17.2	93 15 01.2	5,295
T. 25 N., R. 21 W., in SE 1/4 sec. 5, 30 ft. N. and 19 ft. E. from rd. forks NW. and SE., near fence corner, 2 ft. E. of fence, in concrete post; standard tablet stamped "T T 25 W 1937" -	36 53 23.97	93 15 03.59	715

(For balance in Chadwick quadrangle, see line 8.)

T. 26 N., R. 21 W., E. sixteenth cor. sec. 17, 21 ft. N. and 21 ft. E. from T-rd. N., in con- crete post; standard tablet stamped "T T 27 W 1937" -----	36 57 14.98	93 15 10.85	(3,930)
T. 26 N., R. 21 W., E. sixteenth cor. between secs. 8 and 17, T-rd. W. -----	36 57 41.0	93 15 10.6	2,630
T-rd. E. -----	36 58 00.6	93 15 10.1	1,981

(Continued in Chadwick quadrangle; see line 8.)

6. FROM SEC. 28, T. 24 N., R. 22 W., NORTH ALONG U.S. HIGHWAY 65 TO TAURIA, THENCE NORTH ALONG ROADS TO PONCE DE LEON (by C. W. Williams in 1937)

2020 E R A 1935 (previously described) -----	36 45 53.86	93 20 48.17	.....
Highway at fences N. and S. -----	36 46 12.6	93 20 48.2	1,893
Highway at fences E. and W. -----	36 46 23.3	93 20 39.0	1,314
Junction of lane W. and fence E. -----	36 46 49.5	93 20 42.6	2,664
Junction of rd. W. -----	36 47 32.2	93 20 53.1	4,399
Highway at fences E. and W. -----	36 47 53.8	93 20 47.8	2,230
Tauria, in SE 1/4 sec. 6, T. 24 N., R. 22 W., 41 ft. E. of U.S. Highway 65, 280 ft. S. of rock filling sta.; iron post stamped "T T 12 W 1937 1903 1378 Adj" -----	36 48 09.79	93 20 50.80	1,635
Crossroad -----	36 48 48.6	93 20 27.0	4,379
Rd. at fences N. and S. -----	36 49 10.2	93 21 02.8	3,642
Abesville, 0.7 mi. S. of, along State Highway 44, in NW 1/4 sec. 32, T. 25 N., R. 22 W., 28 ft. S. and 19 ft. E. from highway at rd. S., near NE. end of concrete culvert, in concrete post; standard tablet stamped "T T 11 W 1937" -----	36 49 49.33	93 22 16.34	7,170
State Highway 44 at junction of rd. N. -----	36 50 33.7	93 22 05.7	4,567

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 25 N., R. 22 W., cor. secs. 20, 21, 28, and 29, stone at crossfence -----	36 50 47.6	93 21 33.3	2,987
Rd. forks -----	36 51 11.1	93 21 23.3	2,503
Rd. at fences E. and W. on line between secs. 16 and 21, T. 25 N., R. 22 W. -----	36 51 39.7	93 20 57.6	3,572
Ponce de Leon, at N. limits of, in SW 1/4 sec. 9, T. 25 N., R. 22 W., 20 ft. N. and 30 ft. W. from T-rd. W., in concrete post; standard tablet stamped "T T 13 W 1937" -----	36 52 37.65	93 21 05.13	5,896

7. FROM CHADWICK QUADRANGLE AT SEC. 16, T. 25 N., R. 21 W., WEST INTO ELSEY QUADRANGLE AT SEC. 7, T. 25 N., R. 23 W. (by C. W. Williams in 1937)

Junction (In Chadwick quadrangle; see line 8.) --	36 51 57.7	93 14 35.2	.....
Rd. forks -----	36 52 03.4	93 15 13.0	3,125
Rd. at fence NW. -----	36 52 35.9	93 16 07.2	5,496
T. 25 N., R. 21 W., approximate cor. secs. 7, 8, 17, and 18, fence corner from S.-W. -----	36 52 26.0	93 16 06.8	1,011
Spokane, 1.5 mi. NE. of, near quarter cor. between secs. 7 and 18, T. 25 N., R. 21 W., 92 ft. W. of SW. corner of farmhouse of Emory Moore, 20 ft. E. of rd., in concrete post; standard tablet stamped "T T 19 W 1937" -	36 52 27.41	93 16 38.94	2,618
T. 25 N., R. 21 W., approximate W. cor. secs. 7 and 18, fence corner from N.-E. -----	36 52 27.0	93 17 10.4	2,554
U.S. Highway 65 at crossroad -----	36 52 16.4	93 17 51.6	3,316
T. 25 N., R. 22 W., N. sixteenth cor. between secs. 13 and 14, stone in rd. at fence N. -----	36 52 16.7	93 18 15.0	1,893
T. 25 N., R. 22 W., in NW 1/4 sec. 14, 133 ft. S. and 79 ft. W. from SW. corner of dwelling of Tom Welch, 15 ft. S. of rd., 5 ft. N. and 14 ft. W. from NE. corner of barn, in concrete post; standard tablet stamped "T T 20 W 1937" -	36 52 07.57	93 19 09.09	4,494
Rd. fork S. -----	36 52 03.9	93 19 44.2	2,879
T. 25 N., R. 22 W., center sec. 15, stone near center of lane N. at fences E. and W. -----	36 52 04.9	93 19 53.3	741
Rd. at fences N. and S. on Christian-Stone county line -----	36 52 25.0	93 20 25.9	3,340
T T 13 W 1937 (previously described) -----	36 52 37.65	93 21 05.13	3,436
T. 25 N., R. 22 W., approximate cor. secs. 8, 9, 16, and 17, T-fence N. -----	36 52 32.1	93 21 26.5	1,824
T. 25 N., R. 22 W., quarter cor. between secs. 8 and 17, stone in rd. at fence E. -----	36 52 32.1	93 22 03.3	2,992
T-rd. N. -----	36 52 22.6	93 23 01.7	4,839
T-rd. S. -----	36 52 25.0	93 23 24.8	1,894
White City, in SE 1/4 sec. 12, T. 25 N., R. 23 W., 33 ft. E. of center of triangle at rd. forks, 39 ft. S. and 3 ft. W. from S. corner of stone building, at fence corner, in concrete post; standard tablet stamped "T T 21 W 1937" -	36 52 48.75	93 23 52.48	3,290
T. 25 N., R. 23 W., approximate center sec. 12, crossfence -----	36 52 59.9	93 24 14.6	2,121
Rd. corner from S.-E. and fence W. -----	36 53 52.4	93 23 57.3	5,490
James River, center of bridge over -----	36 54 15.0	93 23 52.3	2,317
Tps. 25 and 26 N., R. 23 W., approximate quarter cor. between secs. 1 and 36, stone with chiseled cross near old fence corner -----	36 54 19.1	93 24 12.8	1,716
T. 26 N., R. 23 W., S. sixteenth cor. between secs. 35 and 36, stone with chiseled cross at T-fence E. -----	36 54 32.5	93 24 45.4	2,977
T. 26 N., R. 23 W., in NW 1/4 SE 1/4 sec. 35, in line with NE. face of farmhouse of Joe Manlove, 10 ft. N. of rd., on top of small hill in pasture, in concrete post; standard tablet stamped "T T 22 W 1937" -----	36 54 36.27	93 25 05.23	1,651
T. 26 N., R. 23 W., S. cor. secs. 34 and 35, T-rd. N., 30 ft. E. of rd. at fence S. at N. cor. secs. 2 and 3, T. 25 N., R. 23 W. -----	36 54 20.8	93 25 51.2	4,048
Rd. fork N. -----	36 54 09.4	93 26 19.8	2,591
T. 25 N., R. 23 W., quarter cor. between secs. 3 and 10, stone with chiseled cross at T-fence S. -----	36 53 26.1	93 26 24.8	4,392
Rd. at S. end of triangle at rd. forks -----	36 53 03.4	93 26 23.1	2,308
T. 25 N., R. 23 W., S. sixteenth cor. sec. 10, 6 ft. N. and 88 ft. E. from iron pin at fence corner N. and W., 80 ft. S. and 40 ft. E. from rd. forks, 4 ft. N. and 16 ft. E. from rd. at fence E., in concrete post; standard tablet stamped "T T 23 W 1937" -----	36 52 47.13	93 26 24.21	1,643
T-rd. NE. -----	36 52 39.7	93 27 20.0	4,593
T-rd. NE. -----	36 52 45.7	93 27 37.3	1,530
Rd. forks -----	36 52 47.5	93 28 16.0	3,145
T. 25 N., R. 23 W., quarter cor. between secs. 8 and 17, stone, 60 ft. S. of rd. corner from N.-E. -----	36 52 34.8	93 28 35.5	2,040

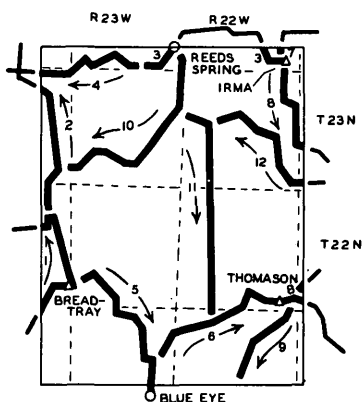
Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 25 N., R. 23 W., in SW 1/4 sec. 8, 50 ft. N. and 18 ft. W. from rd. forks, 9 ft. S. and 12 ft. W. from N. corner of farmhouse of Ross Lee, in concrete post; standard tablet stamped "T 24 W 1937" -----	36 52 51.24	93 29 02.37	2,745
Intersection of private crossroad -----	36 53 03.9	93 29 55.6	4,510

(Continued in Elsey quadrangle; see line 8.)

Magnetic declination 6° 49' E.

GARBER QUADRANGLE
(Latitude 36°30'-36°45'; longitude 93°15'-93°30')

Stone and Taney Counties



1. FROM SHELL KNOB QUADRANGLE AT SEC. 35, T. 22 N., R. 24 W., NORTH INTO SHELL KNOB QUADRANGLE AT SEC. 14, T. 22 N., R. 24 W. (by J. L. Sanders in 1923)

(Continued from Shell Knob quadrangle; see line 4.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. forks -----	36 34 02.8	93 29 34.4	(3,760)
Rd. forks -----	36 34 23.5	93 29 13.1	2,714
Rd. forks -----	36 34 32.9	93 28 53.0	1,897
Breadtray triangulation sta., in SE 1/4 sec. 25, T. 22 N., R. 24 W., square stone in center of large pile of stones -----	36 34 49.10	93 28 45.69	1,741
Rd. forks -----	36 35 02.1	93 28 45.9	1,314
T. 22 N., R. 24 W., in NE 1/4 sec. 25, 20 ft. NW. of rd. forks, in line with rd. SE., 2 ft. E. of fence, in concrete post; standard tablet stamped "Prim Trav Sta No 20 L S 1923 Mo" -----	36 35 11.45	93 28 51.73	1,058
Rd. forks -----	36 35 35.3	93 29 08.6	2,777
Rd. forks -----	36 36 18.0	93 29 20.6	4,431
T. 22 N., R. 24 W., about 600 ft. W. of quarter cor. between secs. 12 and 13, 70 ft. E. of rd. corner, 25 ft. S. of rd., 80 ft. S. of dwelling of W. T. Townsend, 4 ft. S. of fence, in concrete post; standard tablet stamped "Prim Trav Sta No 21 L S 1923 Mo" -----	36 37 04.93	93 29 03.74	4,937
White River, center of bridge over -----	36 37 17.9	93 28 56.9	1,424
Center of wooden bridge -----	36 36 58.2	93 29 45.5	4,436

(Continued in Shell Knob quadrangle; see line 3.)

2. FROM SEC. 12, T. 22 N., R. 24 W., NORTH INTO SHELL KNOB QUADRANGLE AT SEC. 2, T. 23 N., R. 24 W. (by J. L. Sanders in 1923)

White River, center of bridge over (previously described) -----	36 37 17.9	93 28 56.9	.....
Rd. forks -----	36 37 18.5	93 28 47.1	808
Rd. forks -----	36 37 28.7	93 29 02.0	1,597
Rd. forks -----	36 37 40.9	93 29 12.8	1,507

Station	Latitude	Longitude	Distance
	" ' "	" ' "	Feet
T. 22 N., R. 24 W., in SE 1/4 sec. 2, 60 ft. S. and 50 ft. E. from dwelling of Roscoe Pack, in concrete post; standard tablet stamped "Prim Trav Sta No 25 S 1923 Mo" -----	36 38 05.59	93 29 41.49	3,425
Rd. at E.-W. line through center sec. 2, T. 22 N., R. 24 W. -----	36 38 20.1	93 29 39.9	1,472
Rd. at line between secs. 2 and 35, Tps. 22 and 23 N., R. 24 W. -----	36 38 48.8	93 29 46.0	2,939
Rd. forks -----	36 39 21.1	93 29 40.6	3,295
T. 23 N., R. 24 W., cor. secs. 25, 26, 35, and 36 -----	36 39 42.0	93 29 22.2	2,585
T. 23 N., R. 24 W., in NW 1/4 sec. 36, 104 ft. S. and 18 ft. E. from SE. corner of dwelling of Cleo Foster, 40 ft. S. of rd., in limestone rock; standard tablet stamped "T T 38 W 1937" (This tablet set in same position as tablet stamped "Prim Trav Sta No 26 L S W 1923 Mo" which C. W. Williams reported destroyed in 1937.) -----	36 39 36.80	93 29 06.85	1,258
Bridge -----	36 40 00.9	93 28 40.6	3,247
James River, center of Johnson's ford across -----	36 40 10.6	93 28 53.1	1,411
Rd. forks -----	36 40 37.6	93 29 19.9	3,500
T. 23 N., R. 24 W., S. sixteenth cor. sec. 14 -----	36 41 36.9	93 29 50.2	6,490
Rd. forks -----	36 41 48.5	93 29 55.5	1,249
T. 23 N., R. 24 W., 320 ft. W. of center sec. 14, 20 ft. N. of T-rd. E., in concrete post; standard tablet stamped "Prim Trav Sta No 27 S 1923 Mo" -----	36 41 54.21	93 29 53.52	594
Rd. forks -----	36 42 37.0	93 29 38.5	4,497
Bearden Creek, center of, at junction of James River -----	36 43 08.9	93 29 34.2	3,247
Rd. forks -----	36 43 22.3	93 29 44.1	1,572

(Continued in Shell Knob quadrangle; see line 5.)

3. FROM SEC. 35, T. 24 N., R. 22 W., WEST ALONG STATE HIGHWAYS 76 AND 13 AND COUNTY ROUTE C TO SEC. 33, T. 24 N., R. 23 W. (by R. S. Wilson in 1935)

Irma triangulation sta.; U.S.C. & G.S. standard disk stamped "Irma 1928" -----	36 44 37.36	93 16 56.44	.....
Highway at fences N. and S. -----	36 44 47.5	93 17 20.2	2,191
(For balance in Ponce de Leon quadrangle, see line 3.)			
U.S.C. & G.S. standard disk stamped "D 60 1934" -----	36 44 52.70	93 22 32.74	(1,352)
Highway at fences E. and W. -----	36 44 42.6	93 22 51.3	1,823
U.S.C. & G.S. standard disk stamped "C 60 1934" -----	36 44 20.30	93 23 01.64	2,402
Highway at fences E. and W. -----	36 44 04.1	93 23 08.0	1,719
Crossroad on line between secs. 34 and 35, T. 24 N., R. 23 W. -----	36 43 59.0	93 23 52.6	3,666
Junction of rd. S. at fence N. -----	36 43 59.7	93 24 24.5	2,603
Reeds Spring, 1 mi. S., thence 2.5 mi. W. from, in SE 1/4 sec. 33, T. 24 N., R. 23 W., 10 ft. N. and 35 ft. E. from N.-S. crossroad, in concrete post; standard tablet stamped "2021 E R A 1935" -----	36 44 07.55	93 25 08.01	3,626

4. FROM SEC. 33, T. 24 N., R. 23 W., WEST ALONG COUNTY ROUTE C INTO SHELL KNOB QUADRANGLE (by C. D. Graig in 1936)

2021 E R A 1935 (previously described) -----	36 44 07.55	93 25 08.01	.....
Highway at fences N. and S. -----	36 44 29.4	93 25 59.6	4,750
Highway at fences N. and S. -----	36 44 16.2	93 26 31.8	2,940
T. 23 N., R. 23 W., N. cor. secs. 5 and 6, stone at fence corner from S.-E., 140 ft. W. of stone at S. cor. secs. 31 and 32, T. 24 N., R. 23 W. -----	36 43 58.4	93 27 06.1	3,322
T. 24 N., R. 23 W., in SW 1/4 sec. 31, 70 ft. SE. of junction of rd. SE., 39 ft. S. of highway, 23 ft. E. of rd., 1 ft. N. and 2 ft. E. from fence corner, in concrete post; standard tablet stamped "T T 15 C 1936" -----	36 44 05.92	93 27 49.62	3,619
Highway at fences N. and S. -----	36 44 15.1	93 28 08.5	1,799
T. 24 N., R. 24 W., S. sixteenth cor. between secs. 35 and 36, stone -----	36 44 15.4	93 29 13.2	5,263
Highway at fence E. -----	36 43 25.0	93 29 32.6	5,342
Highway at fence SW. -----	36 43 21.0	93 29 43.4	965

(Continued in Shell Knob quadrangle; see line 7.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
5. FROM SEC. 25, T. 22 N., R. 24 W., EAST AND SOUTH ALONG STATE HIGHWAYS 86 AND 13 TO BLUE EYE, INCLUDING THAT PART OF THE LINE IN HARRISON NO. 2 QUADRANGLE (by C. D. Craig in 1936)			
Breadtray triangulation sta. (previously described) -----	36 34 49.10	93 28 45.69	.....
Center of triangle at junction of rd. W. -----	36 34 52.5	93 28 18.3	2,260
Junction of rd. W. -----	36 34 40.8	93 28 00.9	1,847
Highway at ravines N. and S. -----	36 34 17.3	93 27 28.0	3,586
Highway at fence N. -----	36 34 13.0	93 26 49.4	3,181
U.S.C. & G.S. standard disk stamped "S 59 1934"-	36 33 48.27	93 26 16.63	3,665
T. 21 N., R. 23 W., approximate N. sixteenth cor. between secs. 4 and 5, highway at fence E., 12 ft. W. of fence S. -----	36 33 20.6	93 26 18.5	2,809
Junction of rd. W. at fences N. and S. -----	36 32 55.5	93 26 03.6	2,813
U.S.C. & G.S. standard disk stamped "R 35 1934"-	36 32 23.95	93 25 28.01	4,390
Highway at fence E., 31 ft. W. of Forest Service poster marked "3 chains E. to quarter cor. between secs. 9 and 10, T. 21 N., R. 23 W." -----	36 32 14.9	93 25 19.8	1,057
Junction of drive to farm of E. Ownbey -----	36 31 42.9	93 25 27.4	3,304
U.S.C. & G.S. standard disk stamped "Q 59 1934"-	36 31 13.70	93 25 11.04	3,242
Highway at fence S., 5 ft. S. and 3 ft. E. from stone at N. sixteenth cor. between secs. 22 and 23, T. 21 N., R. 23 W. -----	36 30 44.1	93 24 15.5	5,437
U.S.C. & G.S. standard disk stamped "P 59 1934"-	36 30 43.55	93 23 43.17	2,638
U.S.C. & G.S. standard disk stamped "N 59 1934"-	36 30 17.05	93 23 41.95	2,662
T. 21 N., R. 23 W., quarter cor. between secs. 23 and 26, highway at fence E. -----	36 30 04.8	93 23 44.4	1,254
Blue Eye, stone on Ark.-Mo. State line, 1 block E. of NE. corner of public square, 7 ft. S. of center of street -----	36 29 54.5	93 23 44.7	1,041
U.S.C. & G.S. standard disk stamped "K 35 1934"-	36 29 51.06	93 23 56.34	1,010
6. FROM SEC. 23, T. 21 N., R. 23 W., NORTHEAST ALONG STATE HIGHWAY 86 TO SEC. 34, T. 22 N., R. 22 W., THENCE EAST AND SOUTHEAST ALONG OLD STATE HIGHWAY 86, COUNTY ROUTE P, AND U.S. HIGHWAY 65 INTO BRANSON QUADRANGLE (by C. D. Craig in 1936)			
P 59 1934 (previously described) -----	36 30 43.55	93 23 43.17	.....
Highway at fences E. and W. -----	36 31 24.8	93 23 48.6	4,188
T. 21 N., R. 23 W., quarter cor. between secs. 11 and 14, fence corner -----	36 31 49.1	93 23 41.1	2,531
Blue Eye, 3 mi. NE. of, 32 ft. N. and 15 ft. E. from junction of rd. N., 4 ft. N. and 2 ft. E. from fence corner at SE. corner of yard of Frank Adams, in concrete post; standard tablet stamped "T T 16 C 1936" -----	36 32 18.79	93 23 28.99	3,157
T. 21 N., R. 23 W., quarter cor. between secs. 11 and 12, stone at fence corner -----	36 32 14.1	93 23 08.3	1,755
T. 21 N., R. 23 W., center sec. 12, stone, 3/4 ft. S. of highway -----	36 32 13.6	93 22 36.1	2,630
Highway at point 32 ft. N. of Forest Service poster marked "20 links W. to approximate E. quarter cor. sec. 12, T. 21 N., R. 23 W." -----	36 32 13.1	93 22 03.7	2,641
Blue Eye, 5.6 mi. NE. of, along State Highway 86, near junction of rd. N. to Galena, S. of highway, in sandstone chimney of dwelling of Jim Compton; aluminum tablet stamped "1903 1302 Adj" -----	36 32 30.70	93 21 35.22	2,931
T. 21 N., R. 22 W., cor. secs. 5, 6, 7, and 8, stone, 12 ft. E. of 20-in. black-oak tree in fence corner -----	36 32 37.5	93 20 58.9	3,040
Junction of rd. S. -----	36 32 46.2	93 20 34.7	2,162
Highway at fences N. and S. -----	36 32 53.8	93 19 54.3	3,375
T. 22 N., R. 22 W., near center of S. sec. 33, 0.7 mi. SW. of bridge over Long Creek, 40 ft. N. of highway, 2 ft. S. of N. right-of-way line at end of curve, 1 ft. S. of fence, in concrete post; standard tablet stamped "T T 17 C 1936" -----	36 33 35.14	93 19 15.99	5,216
Long Creek, center of steel truss of bridge over-junction of rd. E. -----	36 33 38.2	93 18 38.8	3,051
T. 22 N., R. 22 W., quarter cor. between secs. 34 and 35, stone at junction of rd. W. at Fairview School -----	36 33 52.6	93 18 19.2	2,158
T. 21 N., R. 22 W., in NW 1/4 sec. 1, 98 ft. N. and 44 ft. W. from triangle formed by Old State Highway 86 and rd. N., 20 ft. W. of rd. in concrete post; standard tablet stamped "T T 18 C 1936" -----	36 33 52.0	93 17 43.7	2,903
Center of bridge -----	36 33 05.99	93 16 40.96	6,920
Thomason triangulation sta.; U.S.C. & G.S. standard disk stamped "Thomason 1926" -----	36 33 17.9	93 16 07.2	3,005
Highway at fences E. and W. -----	36 33 44.36	93 15 34.90	3,756
	36 33 09.4	93 15 01.8	4,451

(Continued in Branson quadrangle; see line 4.)

Station	Latitude	Longitude	Distance
	" ' "	" ' "	Feet

7. FROM SEC. 35, T. 24 N., R. 22 W., NORTHEAST ALONG STATE HIGHWAY 76 INTO PONCE DE LEON QUADRANGLE (by C. W. Williams in 1937)

Irma triangulation sta. (previously described) --	36 44 37.36	93 16 56.44	.....
Junction of U.S. Highway 65 -----	36 44 46.5	93 16 52.6	976

(Continued in Ponce de Leon quadrangle; see line 4.)

8. FROM SEC. 35, T. 24 N., R. 22 W., SOUTH ALONG U.S. HIGHWAY 65 TO SEC. 36, T. 22 N., R. 22 W. (by C. W. Williams in 1937)

Irma triangulation sta. (previously described) --	36 44 37.36	93 16 56.44	.....
Junction of rd. E. -----	36 44 24.7	93 16 21.0	3,158
T. 23 N., R. 22 W., N. cor. secs. 1 and 2, stone at T-fence E. -----	36 43 45.7	93 16 30.5	4,026
Junction of lane E. -----	36 43 37.8	93 16 27.2	842
T. 23 N., R. 22 W., W. sixteenth cor. between secs. 1 and 12, highway at fence corner from W.-N. -----	36 42 52.9	93 16 04.9	4,888
Branson, 6.9 mi. NW. of, 12 ft. S. and 53 ft. W. from junction of rd. to Garber and Log Church, 2 ft. E. of fence, in concrete post; standard tablet stamped "T T 29 W 1937" -----	36 42 36.28	93 16 07.75	1,694
Junction of rd. NE. -----	36 42 20.9	93 15 32.1	3,293
Junction of rd. to Taneycomo Park -----	36 41 57.8	93 15 04.7	3,231
Highway at fence W. -----	36 41 24.5	93 15 00.8	3,382
Highway at fence E. -----	36 40 58.4	93 15 08.5	2,715
Branson, 3.5 mi. NW. of, 43 ft. N. and 54 ft. E. from junction of rd. E., opposite Sprigg's Camp, in concrete post; standard tablet stamped "T T 30 W 1937" -----	36 40 38.41	93 15 05.39	2,033

(For balance in Branson quadrangle, see line 6.)

Highway at fences N. and S. -----	36 33 57.8	93 15 34.4	(6,839)
Thomason triangulation sta. (previously described) -----	36 33 44.36	93 15 34.90	1,360

9. FROM SEC. 1, T. 21 N., R. 22 W., SOUTHWEST TO SEC. 21, T. 21 N., R. 22 W. (unchecked single-run spur line by C. W. Williams in 1937)

T T 18 C 1936 (previously described) -----	36 33 05.99	93 16 40.96	.....
Junction of old rd. E. -----	36 32 53.6	93 17 02.9	2,179
Rd. at fences N. and S. on line between secs. 2 and 3, T. 21 N., R. 22 W. -----	36 32 41.3	93 17 46.0	3,733
Rd. at fences N. and S. -----	36 32 30.9	93 18 02.2	1,691
Oasis (formerly Cedar Valley), in NE 1/4 sec. 10, T. 21 N., R. 22 W., S. of rd., in N. face of sandstone foundation of dwelling, W. of cellar door; aluminum tablet stamped "T T 31 W 1937 1903 821 Adj" -----	36 32 18.31	93 17 59.13	1,298
Rd. at fences N. and S. -----	36 32 01.1	93 18 18.9	2,373
Rd. S. -----	36 31 55.0	93 18 38.1	1,687
Rd. in line with N. face of Brush Creek School -----	36 31 12.7	93 18 18.5	4,360
Rd. at fence E. -----	36 30 47.7	93 18 49.6	2,536
Oasis, 2.7 mi. SW. of, along old State Highway 86 and Brush Creek rd., in NW 1/4 sec. 22, T. 21 N., R. 22 W., 12 ft. N. and 17 ft. E. from junction of rd. SE., in concrete post; standard tablet stamped "T T 34 W 1937" -----	36 30 38.13	93 18 48.84	966
T. 21 N., R. 22 W., quarter cor. between secs. 21 and 22, iron pipe in fence corner -----	36 30 24.0	93 18 53.7	1,483

10. FROM REEDS SPRING SOUTH ALONG STATE HIGHWAY 13 TO SEC. 34, T. 23 N., R. 23 W., THENCE WEST ALONG ROADS TO SEC. 36, T. 23 N., R. 24 W. (by C. W. Williams in 1937)

C 60 1934 (previously described) -----	36 44 20.30	93 23 01.64	.....
Junction of rd. W. at fence E. -----	36 43 50.6	93 22 57.1	3,031
Highway at fences N. and S. -----	36 43 16.3	93 22 49.2	3,519
Highway at fences E. and W. -----	36 42 58.7	93 22 25.9	2,601
U.S.C. & G.S. standard disk stamped "A 60 1934" -----	36 42 43.78	93 22 30.71	1,561
T. 23 N., R. 23 W., center sec. 12, stone with chiseled cross in fence line -----	36 42 31.0	93 22 17.9	1,657
Junction of State Highway 80 -----	36 41 49.0	93 22 08.7	4,318
U.S.C. & G.S. standard disk stamped "Z 59 1934" -----	36 41 25.48	93 22 29.45	2,917
T. 23 N., R. 23 W., center sec. 23, stone in fence corner -----	36 40 51.9	93 23 25.8	5,709
U.S.C. & G.S. standard disk stamped "Y 59 1934" -----	36 40 26.32	93 23 50.86	3,296
T. 23 N., R. 23 W., W. sixteenth cor. sec. 27, iron pin and stone with chiseled cross near fence corner -----	36 40 01.8	93 24 47.8	5,263

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
U.S.C. & G.S. standard disk stamped "X 59 1934"-	36 39 33.52	93 24 54.71	2,914
Rd. at fence N. -----	36 39 59.2	93 25 41.5	4,613
Rd. forks -----	36 40 04.8	93 26 21.5	3,310
T. 23 N., R. 23 W., in SW 1/4 sec. 29, 40 ft. N. and 30 ft. E. from NE. corner of small dwelling, 10 ft. S. of rd., 1 ft. N. of fence, in concrete post; standard tablet stamped "4 L 1937" -----	36 39 48.77	93 26 57.82	3,374
T. 23 N., R. 23 W., N. sixteenth cor. between secs. 31 and 32, stone with chiseled cross at fence corner -----	36 39 26.4	93 27 13.8	2,611
T. 23 N., R. 23 W., center sec. 31, stone with chiseled cross at fence corner -----	36 39 14.0	93 27 46.6	2,956
Rd. forks -----	36 39 04.9	93 28 24.2	3,192
T T 38 W 1937 (previously described) -----	36 39 36.80	93 29 06.85	4,747

11. FROM JUNCTION OF STATE HIGHWAYS 13 AND 80, SOUTHEAST ALONG STATE HIGHWAY 80 TO SEC. 29, T. 23 N., R. 22 W., THENCE SOUTH ALONG ROADS TO SEC. 7, T. 21 N., R. 22 W. (by C. W. Williams in 1937)

Junction of State Highways 13 and 80 (previously described) -----	36 41 49.0	93 22 08.7	.....
Highway at fences N. and S. -----	36 41 47.9	93 21 47.9	1,699
Highway at fences N. and S. -----	36 41 39.1	93 21 16.6	2,700
Junction of State Highway 13, 1.7 mi. E. of, 14 1/2 ft. SE. of SE. corner of dwelling, 30 ft. N. of highway, 5 ft. W. of 20-in. black-oak tree, in fence corner, in concrete post; standard tablet stamped "3 L 1937" -----	36 41 18.89	93 20 28.87	4,391
Highway at fences E. and W. -----	36 40 50.4	93 20 24.6	2,907
Junction of rd. to Marvel Cave -----	36 40 16.2	93 20 15.2	3,535
Rd. forks -----	36 39 54.2	93 20 17.3	2,228
Rd. forks -----	36 39 25.8	93 20 11.0	2,926
Notch, 1.8 mi. S. of post office, near center sec. 32, T. 23 N., R. 22 W., 15 ft. E. of rd., in concrete post; standard tablet stamped "5 L 1937" -----	36 38 56.48	93 20 29.96	3,341
Rd. forks -----	36 38 44.1	93 20 32.7	1,271
Rd. forks -----	36 37 43.1	93 20 38.9	6,187
Rd. at blazed 14-in. white-oak tree -----	36 37 16.4	93 20 55.7	3,037
T. 22 N., R. 22 W., in NW 1/4 NW 1/4 sec. 17, 5 ft. S. and 20 ft. W. from rd. in line with W. face of log dwelling, 16 ft. W. of barnyard gate, in concrete post; standard tablet stamped "T T 39 W 1937" -----	36 36 52.22	93 20 39.80	2,763
T. 22 N., R. 22 W., E. sixteenth cor. between secs. 17 and 20, T-rd. E. at fence W. -----	36 36 04.6	93 20 05.4	5,571
Rd. forks -----	36 35 32.6	93 20 07.6	3,241
Rd. opposite W. point of triangle formed by rd. forks -----	36 35 21.3	93 20 22.6	1,675
T. 22 N., R. 22 W., in SW 1/4 sec. 29, 58 ft. N. of rd. fork E., in limestone outcrop; standard tablet stamped "T T 40 W 1937" -----	36 34 42.36	93 20 48.91	4,485
Rd. fork W. at fence E. -----	36 34 19.8	93 21 09.3	2,827
Rd. at fence E. -----	36 34 07.3	93 21 07.0	1,272
Tps. 21 and 22 N., R. 22 W., approximate quarter cor. between secs. 6 and 31, stone in field -----	36 33 29.1	93 21 29.6	4,280
Rd. at fence E. -----	36 32 50.7	93 21 40.4	3,982
1903 1302 Adj (previously described) -----	36 32 30.70	93 21 35.22	2,070

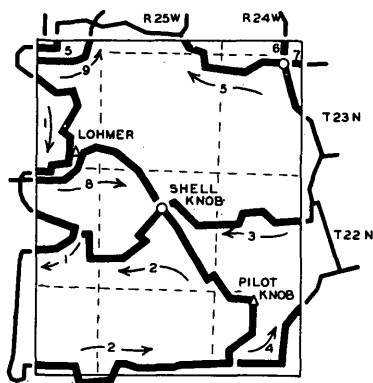
12. FROM BRANSON QUADRANGLE NORTHWEST ALONG MISSOURI PACIFIC RAILROAD TO SEC. 17, T. 23 N., R. 22 W. (by C. W. Williams in 1937)
(Continued from Branson quadrangle; see line 7.)

R.R. at fence N. -----	36 38 55.1	93 15 09.9	(5,852)
U.S.C. & G.S. standard disk stamped "G 61 1934"-	36 38 51.64	93 15 25.25	1,301
R.R. at rd. crossing -----	36 38 53.0	93 15 46.8	1,765
Gretna, R.R. at rd. crossing at sta. -----	36 39 19.9	93 15 58.3	2,877
U.S.C. & G.S. standard disk stamped "F 61 1934"-	36 39 44.36	93 16 01.25	2,485
R.R. at private rd. crossing -----	36 40 28.2	93 16 28.2	4,951
R.R. at private rd. crossing -----	36 41 30.5	93 17 57.3	9,608
U.S.C. & G.S. standard disk stamped "D 61 1934"-	36 41 33.64	93 18 04.36	659
R.R. at rd. crossing to Garber -----	36 41 33.6	93 18 26.5	1,806
R.R. at private rd. crossing -----	36 41 33.0	93 18 56.7	2,456
R.R. at fence S. -----	36 41 44.0	93 19 40.7	3,760
3 L 1937 (previously described) -----	36 41 18.89	93 20 28.87	4,674

Magnetic declination 6° 52' E.

SHELL KNOB QUADRANGLE
(Latitude 36°30'-36°45'; longitude 93°30'-93°45')

Barry and Stone Counties



1. FROM CASSVILLE QUADRANGLE AT SEC. 4, T. 23 N., R. 26 W., SOUTH INTO
CASSVILLE QUADRANGLE AT SEC. 21, T. 22 N., R. 26 W. (by J. L. Sanders
in 1923)
(Continued from Cassville quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at line between secs. 4 and 9, T. 23 N., R. 26 W. -----	36 43 31.8	93 44 56.8	(967)
Rd. forks -----	36 43 06.6	93 44 22.3	3,784
Land corner in W½ sec. 10, T. 23 N., R. 26 W. ---	36 43 00.1	93 44 04.4	1,594
Rd. forks -----	36 42 43.9	93 43 42.5	2,412
T. 23 N., R. 26 W., cor. secs. 10, 11, 14, and 15, large stone in field -----	36 42 38.7	93 43 12.5	2,494
Hailey, in NE 1/4 NW 1/4 sec. 14, T. 23 N., R. 26 W., 15 ft. S. of SW. corner of schoolhouse, in concrete post; standard tablet stamped "Prim Trav Sta No 5 L S 1923 Mo W" -----	36 42 33.79	93 42 40.05	2,690
Rockhouse Creek, ford across -----	36 42 00.6	93 42 59.5	3,711
Rd. at line between secs. 14 and 23, T. 23 N., R. 26 W., about 400 ft. E. of cor. secs. 14, 15, 22, and 23 -----	36 41 46.1	93 43 06.6	1,572
Rd. at large pile of stones on line between secs. 22 and 23, T. 23 N., R. 26 W. -----	36 41 32.3	93 43 15.3	1,562
T. 23 N., R. 26 W., quarter cor. between secs. 22 and 23 -----	36 41 19.8	93 43 15.0	1,267
T. 23 N., R. 26 W., cor. secs. 22, 23, 26, and 27 T. 23 N., R. 26 W., center sec. 26, stone at NW. corner of McKinney Cemetery -----	36 40 53.1	93 43 16.0	2,696
Lohmer triangulation sta., 100 ft. N. of E. six- teenth cor. between secs. 26 and 35, T. 23 N., R. 26 W.; iron post stamped "F T V L" -----	36 40 26.6	93 42 44.8	3,691
Rd. forks -----	36 39 59.42	93 42 30.92	2,966
T. 23 N., R. 26 W., quarter cor. between secs. 34 and 35 -----	36 39 37.1	93 42 47.0	2,613
Rd. forks -----	36 39 33.5	93 43 13.9	2,214
Rd. at line between secs. 3 and 34, Tps. 22 and 23 N., R. 26 W. -----	36 39 26.7	93 43 29.2	1,427
Rd. forks -----	36 39 09.6	93 43 42.7	2,052
Rd. forks -----	36 39 00.8	93 43 55.2	1,353
Rd. forks -----	36 39 04.0	93 44 50.3	4,498
(For balance in Cassville quadrangle, see line 1.)			
Wooden culvert -----	36 37 20.3	93 44 51.7	(1,655)
T. 22 N., R. 26 W., W. sixteenth cor. sec. 15 ---	36 36 59.7	93 44 14.0	3,712
Wooden culvert -----	36 36 51.7	93 43 46.5	2,387
Fence corner -----	36 36 44.9	93 43 25.2	1,865
Rd. forks -----	36 36 34.2	93 42 54.3	2,745
Ford across stream -----	36 36 13.0	93 43 00.6	2,205
Rd. at probable line between secs. 22 and 23, T. 22 N., R. 26 W. -----	36 35 58.4	93 43 27.0	2,616
Rd. forks -----	36 35 45.6	93 43 51.2	2,356
T. 22 N., R. 26 W., cor. secs. 21, 22, 27, and 28, (?) -----	36 35 48.5	93 44 26.9	2,927
Rd. forks -----	36 35 58.1	93 44 29.0	987
Rd. at line through center sec. 21, T. 22 N., R. 26 W. -----	36 35 53.8	93 44 55.7	2,218
(Continued in Cassville quadrangle; see line 1.)			

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet

2. FROM CASSVILLE QUADRANGLE AT SEC. 28, T. 21 N., R. 26 W., EAST TO SEC. 19, T. 21 N., R. 24 W., THENCE NORTH AND WEST TO SHELL KNOB, THENCE WEST TO SEC. 14, T. 22 N., R. 26 W., INCLUDING THAT PART OF THE LINE IN EUREKA SPRINGS NO. 1 QUADRANGLE (by J. L. Sanders in 1923)

(Continued from Cassville quadrangle; see line 1.)

T. 21 N., R. 26 W., 1,190 ft. S. of E. sixteenth cor. between secs. 21 and 28, 37 ft. E. of Ruark's general store, 12 ft. E. of N.-S. rd., 2 ft. W. of fence, in concrete post; standard tablet stamped "Prim Trav Sta No 9 L S 1923 Mo" -----	36 30 19.49	93 44 59.13	(1,677)
T. 21 N., R. 26 W., cor. secs. 21, 22, 27, and 28, stone -----	36 30 30.9	93 44 42.8	1,765
T. 21 N., R. 26 W., quarter cor. between secs. 22 and 27, stone -----	36 30 29.3	93 44 09.8	2,698
T. 21 N., R. 26 W., cor. secs. 22, 23, 26, and 27, stone -----	36 30 27.9	93 43 37.0	2,682
Johns Branch, center of ford across -----	36 30 27.6	93 43 31.7	438
T. 21 N., R. 26 W., W. sixteenth cor. between secs. 23 and 26, stone -----	36 30 27.2	93 43 21.2	860
T-rd. S. -----	36 30 13.6	93 43 12.2	1,553
Stone fence post on Ark.-Mo. State line -----	36 29 55.9	93 42 50.0	2,554
Stake on Ark.-Mo. State line -----	36 29 55.7	93 42 33.7	1,330
T-rd. S. -----	36 29 55.6	93 42 10.4	1,905
T-rd. E. -----	36 29 34.1	93 42 10.4	2,170
Crossroads -----	36 29 33.9	93 41 21.3	4,010
Stone in center of rd. on Ark.-Mo. State line ---	36 29 55.8	93 41 21.2	2,208
T. 21 N., R. 25 W., in SW 1/4 sec. 30, on Ark.-Mo. State line, on top of hill, 8 ft. N. of E.-W. rd., 90 ft. E. of fence, in limestone ledge; standard tablet stamped "Prim Trav Sta N 10 L S 1923 Mo" -----	36 29 56.36	93 41 13.01	670
Stone with chiseled cross on Ark.-Mo. State line-	36 29 55.7	93 40 57.7	1,250
T. 21 N., R. 25 W., approximate quarter cor. between secs. 19 and 50, T-rd. E. -----	36 30 22.5	93 40 56.5	2,712
T. 21 N., R. 25 W., S. sixteenth cor. between secs. 19 and 20 -----	36 30 35.1	93 40 23.7	2,967
Ford across stream -----	36 30 30.2	93 40 07.9	1,382
T. 21 N., R. 25 W., S. sixteenth cor. between secs. 20 and 21 -----	36 30 33.8	93 39 20.8	3,863
Crossroads -----	36 30 33.5	93 38 08.1	1,040
Rd. forks -----	36 30 07.1	93 38 53.1	2,339
T. 21 N., R. 25 W., center of NE 1/4 sec. 28 -----	36 30 06.7	93 38 33.4	1,615
T. 21 N., R. 25 W., N. sixteenth cor. between secs. 27 and 28 -----	36 30 06.4	93 38 17.2	1,320
Rd. forks -----	36 30 19.4	93 37 55.2	2,226
Ford across stream -----	36 30 09.5	93 37 23.4	2,790
T. 21 N., R. 25 W., cor. secs. 22, 23, 26, and 27 -----	36 30 19.3	93 37 13.0	1,305
T. 21 N., R. 25 W., 370 ft. N. of quarter cor. between secs. 23 and 26, 50 ft. NW. of dwelling of Lem Prentiss, 30 ft. SE. of rd. corner from W.-N., 4 ft. W. of fence, in concrete post; standard tablet stamped "Prim Trav Sta No 11 L S 1923 Mo" -----	36 30 22.29	93 36 39.59	2,747
T. 21 N., R. 25 W., center sec. 23, T-rd. E. ----	36 30 44.7	93 36 39.1	2,270
T-rd. N. -----	36 30 44.4	93 36 22.5	1,352
Kings River, center of Prentiss ford across -----	36 30 45.3	93 35 53.2	2,400
Rd. forks -----	36 30 43.5	93 35 44.8	705
Center of ford across creek -----	36 30 40.1	93 35 37.8	674
T. 21 N., R. 25 W., quarter cor. between secs. 24 and 25 -----	36 30 17.0	93 35 34.8	2,348
Rd. crossing Barry-Stone county line -----	36 30 27.0	93 35 02.7	2,805
Rd. forks -----	36 30 26.4	93 34 45.5	1,405
T. 21 N., R. 24 W., 140 ft. N. of S. sixteenth cor. between secs. 19 and 20, E. of Berryville-Viola rd., in concrete post; standard tablet stamped "Prim Trav Sta No 12 L S 1923 Mo" -----	36 30 28.77	93 33 56.55	4,000
T. 21 N., R. 24 W., quarter cor. between secs. 19 and 20 -----	36 30 40.5	93 33 56.5	1,190
T-rd. E. -----	36 30 53.6	93 33 56.1	1,320
T. 21 N., R. 24 W., cor. secs. 17, 18, 19, and 20, T-rd. W. -----	36 31 06.6	93 33 55.9	1,320
Rd. forks -----	36 31 22.6	93 33 46.6	1,785
SW. corner of old dwelling -----	36 31 32.9	93 33 42.4	1,097
T. 21 N., R. 24 W., quarter cor. between secs. 8 and 17 -----	36 31 58.1	93 33 22.4	3,022
Pilot Knob triangulation sta., in SW 1/4 sec. 4, T. 21 N., R. 24 W., in concrete post; standard tablet stamped "Prim Trav Sta No 13 L S 1923 Mo" -----	36 32 49.81	93 32 45.02	6,049
Cross fences -----	36 33 02.8	93 33 05.9	2,025
Ford across stream -----	36 33 16.6	93 33 34.4	2,850

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at fences E. and W. -----	36 33 17.0	93 33 35.4	98
Tps. 21 and 22 N., R. 24 W., approximate cor. -----			
secs. 5, 6, 31, and 32 -----	36 33 30.8	93 34 07.8	2,968
Ford across stream -----	36 33 43.2	93 34 17.8	1,494
T. 22 N., Rs. 24 and 25 W., approximate quarter cor. between secs. 31 and 36, crossroads on Barry-Stone county line -----	36 34 11.9	93 34 55.4	4,226
Viola, in NW 1/4 sec. 31, T. 22 N., R. 24 W., 80 ft. E. of SE. corner of post office, in concrete post; standard tablet stamped "Prim Trav Sta No 14 L S 1923 Mo" -----	36 34 22.17	93 34 54.69	1,045
T. 22 N., R. 25 W., quarter cor. between secs. 25 and 36 -----	36 34 38.1	93 35 26.8	3,075
T. 22 N., R. 25 W., W. sixteenth cor. sec. 25 -----	36 35 04.1	93 35 42.1	2,912
Rd. forks -----	36 35 04.8	93 35 58.1	1,310
Rd. forks -----	36 35 45.6	93 36 08.3	4,205
T. 22 N., R. 25 W., in NE 1/4 sec. 23, 45 ft. E. of SW. corner of dwelling of W. H. Schreiber, N. of rd., in concrete post; standard tablet stamped "Prim Trav Sta No 15 L S 1923 Mo" -----	36 36 00.29	93 36 11.52	1,514
T. 22 N., R. 25 W., N. sixteenth cor. sec. 23 -----	36 36 10.0	93 36 28.4	1,691
T. 22 N., R. 25 W., W. sixteenth cor. between secs. 14 and 23 -----	36 36 23.9	93 36 44.3	1,915
White River, center of, at Schreiner Ferry -----	36 36 54.2	93 36 59.3	3,298
Rd. at fences E. and W. -----	36 37 18.5	93 37 17.4	2,871
Shell Knob School, 55 ft. S. and 35 ft. W. from SW. corner of, 110 ft. W. of center sec. 10, T. 22 N., R. 25 W., in concrete post; standard tablet stamped "Prim Trav Sta No 16 L S 1923 Mo" -----	36 37 45.10	93 37 31.74	2,933
Shell Knob, rd. forks, 285 ft. S. of post office-T. 22 N., R. 25 W., E. sixteenth cor. between secs. 9 and 16 -----	36 37 55.0	93 38 02.2	2,675
Mill Creek, ford across -----	36 37 19.8	93 38 23.0	3,943
Rd. forks -----	36 37 09.7	93 38 27.4	1,080
Rd. at line through center sec. 16, T. 22 N., R. 25 W. -----	36 36 59.8	93 38 27.8	1,006
T. 22 N., R. 25 W., cor. secs. 16, 17, 20, and 21 -----	36 36 57.9	93 38 36.8	756
T. 22 N., R. 25 W., near N. sixteenth cor. between secs. 20 and 21, on top of hill, W. of N.-S. rd., 4 ft. E. of fence, in concrete post; standard tablet stamped "Prim Trav Sta No 17 L S 1923 Mo" -----	36 36 26.8	93 39 09.4	4,122
T. 22 N., R. 25 W., quarter cor. between secs. 20 and 21, crossroads -----	36 36 08.25	93 39 10.92	1,685
T. 22 N., R. 25 W., center sec. 20 -----	36 36 00.9	93 39 10.9	740
T-rd. W. -----	36 36 01.4	93 39 43.5	2,654
Cedar Branch, ford across -----	36 35 48.4	93 39 43.7	1,320
Rd. forks -----	36 35 45.5	93 40 04.7	1,741
Rd. forks -----	36 35 40.4	93 40 16.6	1,106
Rd. forks -----	36 35 37.1	93 40 19.3	391
Rd. forks -----	36 35 20.5	93 40 31.0	1,934
T. 22 N., Rs. 25 and 26 W., approximate N. sixteenth cor. between secs. 25 and 30 -----	36 35 24.0	93 41 18.8	3,923
Rd. forks -----	36 35 23.1	93 41 27.4	709
Rd. forks -----	36 35 31.7	93 41 57.4	2,597
Ford across stream -----	36 35 39.9	93 41 56.5	832
Rd. forks -----	36 36 03.2	93 41 59.3	2,358
Rd. forks -----	36 36 16.7	93 42 05.8	1,466
Junction of Rock Creek and East Fork -----	36 36 20.1	93 42 10.5	516
T. 22 N., R. 26 W., N. sixteenth cor. between secs. 23 and 24, (?) -----	36 36 21.0	93 42 17.9	610
Blazed 18-in. hackberry tree at Keeling mail box -----	36 36 32.2	93 42 52.6	3,047
Rock Creek, center of ford across -----	36 36 32.4	93 42 54.1	128
Rd. forks (previously described) -----	36 36 34.2	93 42 54.3	181

3. FROM GARBER QUADRANGLE AT SEC. 14, T. 22 N., R. 24 W., WEST TO SHELL KNOB
(by J. L. Sanders in 1923)
(Continued from Garber quadrangle; see line 1.)

T. 22 N., R. 24 W., 450 ft. N. and 450 ft. W. from center sec. 14, 18 ft. W. of rd., 60 ft. W. (85 ft. NW. by levelman) of dwelling of J. C. Owens, in concrete post; standard tablet stamped "Prim Trav Sta No 22 L S 1923 Mo B 1923" -----	36 36 45.38	93 30 01.49	(1,839)
Rd. forks -----	36 36 49.0	93 31 01.3	4,893
Crossroads -----	36 36 51.6	93 31 07.2	546
Stone culvert -----	36 37 07.6	93 31 26.0	2,227
Rd. forks -----	36 37 26.9	93 31 58.5	3,295
Mail box of J. T. Podson near former Newark post office -----	36 37 31.0	93 32 03.8	596
Rd. forks -----	36 37 29.7	93 32 17.5	1,128

Station	Latitude	Longitude	Distance
Rd. forks -----	36 37 06.5	93 32 48.1	Feet 3,430
Rd. forks -----	36 37 02.0	93 33 03.1	1,300
Rd. forks -----	36 36 49.9	93 33 33.8	2,791
T. 22 N., R. 24 W., in S $\frac{1}{2}$ sec. 18, near Field School, about 13 ft. S. and 25 ft. W. from rd. corner at NE. corner of cemetery, 2 ft. N. of fence, in concrete post; standard tablet stamped "Prim Trav Sta No 23 L S 1923 Mo B 1923" -----	36 36 36.25	93 34 17.99	3,860
Rd. at Barry-Stone county line -----	36 36 37.3	93 34 50.6	2,661
Rd. forks -----	36 36 35.0	93 35 19.2	2,345
Rd. forks -----	36 36 48.0	93 35 40.6	2,181
T. 22 N., R. 25 W., N. sixteenth cor. sec. 14, 550 ft. S. of dwelling of Frank Kimball, at rd. corner, 15 ft. W. of N.-S. rd., in line with rd. SE., in concrete post; standard tablet stamped "Prim Trav Sta No 24 L S 1923 Mo B 1923" -----	36 37 04.44	93 36 25.97	4,060
Prim Trav Sta No 16 L S 1923 Mo (previously described) -----	36 37 45.10	93 37 31.74	6,758

4. FROM SEC. 19, T. 21 N., R. 24 W., NORTHEAST INTO GARBER QUADRANGLE AT SEC. 35, T. 22 N., R. 24 W. (by J. L. Sanders in 1923)

Prim Trav Sta No 12 L S 1923 Mo (previously described) -----	36 30 28.77	93 33 56.55	.....
T. 21 N., R. 24 W., cor. secs. 19, 20, 29, and 30, T-rd. N. -----	36 30 14.3	93 33 57.1	1,460
T. 21 N., R. 24 W., quarter cor. between secs. 20 and 29, T-rd. W. -----	36 30 13.1	93 33 24.4	2,681
Rd. forks -----	36 30 26.6	93 33 10.0	1,792
T-rd. N. -----	36 30 25.1	93 32 35.5	2,825
Indian Creek, center of ford across -----	36 30 22.1	93 31 30.2	5,340
T. 21 N., R. 24 W., cor. secs. 22, 23, 26, and 27 Nauvoo, 205 ft. S. of S. sixteenth cor. between secs. 22 and 23, T. 21 N., R. 24 W., about 83 ft. N. of front door of post office, 15 ft. E. of rd., 10 ft. W. of 16-in. post-oak tree, in concrete post; standard tablet stamped "Prim Trav Sta No 18 L S 1923 Mo B" -----	36 30 08.6	93 30 43.3	4,058
T. 21 N., R. 24 W., quarter cor. between secs. 22 and 23, T-rd. W. -----	36 30 19.87	93 30 42.55	1,134
T. 21 N., R. 24 W., cor. secs. 14, 15, 22, and 23, crossroads -----	36 30 35.2	93 30 42.4	1,541
T. 21 N., R. 24 W., quarter cor. between secs. 14 and 15 -----	36 31 01.4	93 30 41.4	2,660
T. 21 N., R. 24 W., cor. secs. 10, 11, 14, and 15, crossroads -----	36 31 27.7	93 30 40.7	2,660
Indian Creek, center of ford across -----	36 31 53.9	93 30 40.2	2,648
T. 21 N., R. 24 W., about 600 ft. E. of quarter cor. between secs. 2 and 3, 95 ft. N. and 20 ft. E. from T-rd. W., 3 ft. W. of fence, in concrete post; standard tablet stamped "Prim Trav Sta No 19 L S 1923 Mo B 1923" -----	36 32 43.7	93 30 37.0	5,036
Tps. 21 and 22 N., R. 24 W., approximate quarter cor. between secs. 2 and 35 -----	36 33 13.02	93 30 30.77	3,011
Indian Creek, center of ford across -----	36 33 37.9	93 30 05.7	3,246
	36 33 46.4	93 30 15.7	1,180

(Continued in Garber quadrangle; see line 1.)

5. FROM GARBER QUADRANGLE AT SEC. 2, T. 23 N., R. 24 W., NORTH AND WEST INTO CASSVILLE QUADRANGLE AT SEC. 33, T. 24 N., R. 26 W. (by J. L. Sanders in 1923)

(Continued from Garber quadrangle; see line 2.)

Cape Fair, door to post office -----	36 43 47.5	93 30 34.9	(4,858)
Cape Fair, 0.2 mi. N. of, near E. sixteenth cor. on N. line sec. 3, T. 23 N., R. 24 W., at SE. corner of crossroads, inside fence, in concrete post; standard tablet stamped "Prim Trav Sta No 28 S 1923 Mo W" -----	36 44 04.59	93 30 34.02	1,726
T. 24 N., R. 24 W., S. quarter cor. sec. 34 -----	36 44 05.2	93 30 50.4	1,337
T. 23 N., R. 24 W., N. cor. secs. 3 and 4 -----	36 44 05.9	93 31 21.7	2,550
T. 24 N., R. 24 W., S. cor. secs. 33 and 34 -----	36 44 05.5	93 31 23.3	1,35
T. 23 N., R. 24 W., N. quarter cor. sec. 4 -----	36 44 06.5	93 31 53.8	2,491
Rd. forks -----	36 44 09.6	93 32 11.1	1,442
Tps. 23 and 24 N., R. 24 W., approximate cor. secs. 4, 5, 32, and 33 -----	36 44 07.1	93 32 28.0	1,404
Rd. forks -----	36 44 07.2	93 32 36.7	704
Rd. forks -----	36 43 47.0	93 33 30.8	4,856
Rd. forks -----	36 43 55.6	93 33 49.7	1,766
Mail box of W. E. Calhoun -----	36 43 51.0	93 34 06.8	1,470
T. 23 N., R. 24 W., in NW 1/4 sec. 6, 920 ft. E. of Barry-Stone county line, 80 ft. NW. of crossroads, 150 ft. N. and 150 ft. W. from dwelling of J. T. Foster, in concrete post; standard tablet stamped "Prim Trav Sta No 39 S 1923 Mo W" -----	36 43 57.35	93 34 23.61	1,513

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at Barry-Stone county line -----	36 43 57.7	93 34 34.6	896
Rd. forks -----	36 43 54.6	93 35 27.1	4,287
Rd. at line between secs. 2 and 35, Tps. 23 and 24 N., R. 25 W. -----	36 44 11.0	93 35 47.7	2,358
Rd. forks -----	36 44 30.4	93 35 50.8	1,982
Rd. forks -----	36 44 55.3	93 35 51.0	2,515
Ford across stream -----	36 44 55.7	93 36 10.5	1,587

(For balance in Elsey quadrangle, see line 4.)

Rd. forks -----	36 44 51.1	93 44 12.5	(3,000)
Rd. forks -----	36 44 53.4	93 44 24.8	1,028
Prim Trav Sta No 4 L S 1923 Mo (In Cassville quadrangle; see line 1.) -----	36 44 35.85	93 45 12.26	4,250

6. FROM SEC. 3, T. 23 N., R. 24 W., NORTH INTO ELSEY QUADRANGLE AT SEC. 27, T. 24 N., R. 24 W. (by J. L. Sanders in 1923)

Prim Trav Sta No 28 S 1923 Mo W (previously described) -----	36 44 04.59	93 30 34.02	.....
Rd. forks -----	36 44 18.0	93 30 43.1	1,547
Culvert -----	36 44 37.4	93 30 44.4	1,961

(Continued in Elsey quadrangle; see line 5.)

7. FROM GARBER QUADRANGLE WEST ALONG COUNTY ROUTE C TO CAPE FAIR (by C. D. Craig in 1936)

(Continued from Garber quadrangle; see line 4.)

Highway at fence W. at W. edge of frame dwelling-Prim Trav Sta No 28 S 1923 Mo W (previously described) -----	36 43 39.9	93 30 09.2	(2,842)
	36 44 04.59	93 30 34.02	3,215

8. FROM CASSVILLE QUADRANGLE EAST ALONG STATE HIGHWAY 86 TO SHELL KNOB (fourth-order traverse by State Highway Department in 1934)
(Continued from Cassville quadrangle; see line 13.)

Highway at fences N. and S. on line between secs. 3 and 4, T. 22 N., R. 26 W. -----	36 38 58.4	93 44 25.4	(2,860)
Highway at fence E. on line between secs. 3 and 34, Tps. 22 and 23 N., R. 26 W. -----	36 39 09.8	93 43 41.4	3,750
Highway at pipe culvert -----	36 39 33.2	93 43 19.4	2,970
Lohmer triangulation sta. (previously described)-Highway at pipe culvert -----	36 39 59.42	93 42 30.92	4,745
Highway at pipe culvert -----	36 40 11.9	93 41 44.4	4,000
Highway at fence E. -----	36 40 23.8	93 41 13.1	2,821
Highway at fence N. -----	36 40 04.0	93 40 37.9	3,500
Highway at fence N. on line between secs. 31 and 32, T. 23 N., R. 25 W. -----	36 39 44.1	93 40 05.9	3,300
Highway at fence E. on line between secs. 5 and 32, Tps. 22 and 23 N., R. 25 W. -----	36 39 03.8	93 39 44.3	4,440
T. 22 N., R. 25 W., center of NW 1/4 sec. 5, stone -----	36 38 51.2	93 39 54.1	1,505
Highway at pipe culvert -----	36 38 22.9	93 39 49.4	2,885
Highway at pipe culvert -----	36 38 27.9	93 38 55.9	4,390
Highway at fences E. and W. -----	36 37 58.8	93 38 06.6	4,985
Prim Trav Sta No 16 L S 1923 Mo (previously described) -----	36 37 45.10	93 37 31.74	3,160

9. FROM CASSVILLE QUADRANGLE NORTHEAST ALONG STATE HIGHWAY 44 INTO ELSEY QUADRANGLE (fourth-order traverse by State Highway Department in 1934)

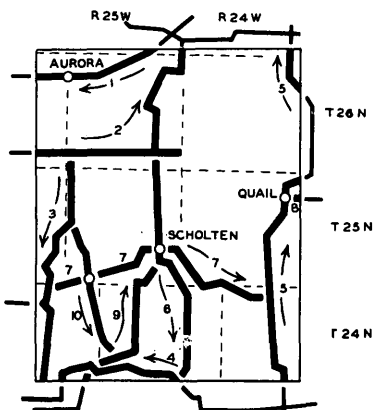
Prim Trav Sta No 4 L S 1923 Mo (In Cassville quadrangle; see line 1.) -----	36 44 35.85	93 45 12.26	.....
Junction of private entrance SE. -----	36 44 42.3	93 44 43.9	2,400
Highway at concrete culvert -----	36 44 52.5	93 44 24.1	1,910
Junction of private entrances N. and S. -----	36 44 58.4	93 44 01.2	1,960

(Continued in Elsey quadrangle; see line 9.)

Magnetic declination 7° 20' E.

ELSEY QUADRANGLE
(Latitude 36°45'-37°00'; longitude 93°30'-93°45')

Barry, Lawrence, and Stone Counties



1. FROM HALLTOWN QUADRANGLE SOUTHWEST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY INTO MONETT QUADRANGLE (by George T. Hawkins in 1900)
(Continued from Halltown quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Marionville, R.R. at sta. -----	36 59 56.1	93 37 50.9	
Aurora, R.R. at sta. -----	36 58 33.6	93 43 14.4	
T. 26 N., R. 26 W., quarter cor. between secs. 11 and 12 -----	36 58 34.2	93 44 10.2	

(Continued in Monett quadrangle; see line 1.)

2. FROM MONETT QUADRANGLE AT SEC. 26, T. 26 N., R. 26 W., EAST AND NORTH INTO HALLTOWN QUADRANGLE AT SEC. 36, T. 27 N., R. 25 W. (by J. R. Ellis in 1909)

(Continued from Monett quadrangle; see line 2.)

T. 26 N., R. 26 W., cor. secs. 25, 26, 35, and 36, crossroads -----	36 55 32.6	93 44 14.9	(5,287)
Aurora, 3.5 mi. S. of, 20 ft. N. and 45 ft. W. from T-rd. W. at E. cor. secs. 25 and 36, T. 26 N., R. 26 W., 90 ft. N. and 45 ft. W. from T-rd. E. at W. cor. secs. 30 and 31, T. 26 N., R. 25 W.; iron post stamped "Prim Trav Sta No 10 1909 Mo W" -----	36 55 31.88	93 43 08.67	5,384
T. 26 N., R. 25 W., cor. secs. 29, 30, 31, and 32, crossroads -----	36 55 30.0	93 42 05.1	5,160
T. 26 N., R. 25 W., cor. secs. 28, 29, 32, and 33, crossroads -----	36 55 28.4	93 40 59.9	5,304
T. 26 N., R. 25 W., cor. secs. 27, 28, 33, and 34, junction of dim rd. S. -----	36 55 26.7	93 39 54.8	5,288
T. 26 N., R. 25 W., near E. sixteenth cor. between secs. 26 and 35, 15 ft. S. and 25 ft. W. from crossroads; iron post stamped "Prim Trav Sta No 11 1909 Mo" -----	36 55 23.34	93 37 59.00	9,408
T. 26 N., R. 25 W., cor. secs. 25, 26, 35, and 36 -----	36 55 23.1	93 37 44.5	1,178
T. 26 N., Rs. 24 and 25 W., approximate cor. secs. 25, 30, 31, and 36, corner of Barry, Lawrence, and Stone Counties -----	36 55 21.9	94 36 39.2	5,303
Prim Trav Sta No 11 1909 Mo (previously described) -----	36 55 23.34	93 37 59.00	.....
Bonham, rd. under Missouri Pacific R.R. -----	36 56 35.0	93 38 04.6	7,054
T-rd. W. -----	36 57 04.4	93 38 19.1	3,387
T. 26 N., R. 25 W., quarter cor. between secs. 11 and 14, crossroads -----	36 58 00.6	93 38 14.6	5,696
T. 26 N., R. 25 W., cor. secs. 1, 2, 11, and 12, crossroads -----	36 58 52.0	93 37 41.7	5,857
T. 26 N., R. 25 W., E. sixteenth cor. between secs. 1 and 12, crossroads -----	36 58 52.1	93 36 52.8	3,960
Tps. 26 and 27 N., R. 25 W., approximate E. sixteenth cor. between secs. 1 and 36, crossroads -----	36 59 44.6	93 36 52.3	5,330
Tps. 26 and 27 N., Rs. 24 and 25 W., cor. of, corner of Christian, Lawrence, and Stone Counties -----	36 59 44.6	93 36 36.0	1,322

(Continued in Halltown quadrangle; see line 2.)

Station	Latitude	Longitude	Distance
	" ' "	" ' "	Feet
3. FROM SEC. 36, T. 26 N., R. 26 W., SOUTH INTO SHELL KNOB QUADRANGLE AT SEC. 33, T. 24 N., R. 26 W. (by J. L. Sanders in 1923)			
Prim Trav Sta No 10 1909 Mo W (previously described) -----	36 55 31.88	93 43 08.67	.....
Tps. 25 and 26 N., Rs. 25 and 26 W., cor. of, crossroads -----	36 54 39.4	93 43 09.4	5,307
T-rd. E. -----	36 54 09.1	93 43 10.2	3,065
T. 25 N., Rs. 25 and 26 W., approximate cor. secs. 1, 6, 7, and 12, crossroads -----	36 53 43.2	93 43 10.7	2,625
T. 25 N., Rs. 25 and 26 W., quarter cor. between secs. 7 and 12, 10 ft. W. (20 ft. S. by levelman) of T-rd. N., 2 ft. N. of fence, near walnut tree, in concrete post; standard tablet stamped "Prim Trav Sta No 1 L S 1923 Mo W" * -----	36 53 17.79	93 43 11.56	2,667
Crossroads -----	36 52 51.1	93 43 28.4	2,927
Rd. forks -----	36 52 27.8	93 43 29.0	2,360
Madry, T-rd. E., 100 ft. N. and 80 ft. E. from store -----	36 52 06.0	93 43 21.8	2,290
T. 25 N., R. 26 W., cor. secs. 13, 14, 23, and 24, crossroads -----	36 51 58.9	93 44 18.2	4,636
Rd. at line between secs. 24 and 25, T. 25 N., R. 26 W. -----	36 51 07.2	93 43 58.9	5,461
T. 25 N., R. 26 W., 2 ft. E. of stone at cor. secs. 25, 26, 35, and 36, at rd. corner, near old store building, 4 ft. SW. of sycamore tree, in concrete post; standard tablet stamped "Prim Trav Sta No 2 L S 1923 Mo W" -----	36 50 14.62	93 44 21.41	5,631
T-rd. W. -----	36 50 09.9	93 44 13.7	1,077
Rd. forks -----	36 49 35.2	93 44 06.4	3,163
T. 24 N., R. 26 W., N. cor. secs. 3 and 4, stone-Corner post in wire fence -----	36 49 22.1	93 44 04.4	1,338
T. 24 N., R. 26 W., cor. secs. 3, 4, 9, and 10 -- T-rd. S. -----	36 48 58.0	93 44 06.3	2,440
T. 24 N., R. 26 W., E. sixteenth cor. between secs. 9 and 16, 700 ft. SW. of dwelling of J. M. Stubblefield, 10 ft. S. of rd. corner from N.-W., in concrete post; standard tablet stamped "Prim Trav Sta No 3 L S 1923 Mo W" -----	36 48 45.0	93 44 09.2	1,338
Rd. forks -----	36 48 05.6	93 44 23.3	4,145
Rd. forks -----	36 47 52.72	93 44 23.75	1,304
Mail box of Tom Grant -----	36 47 45.7	93 44 40.3	1,520
Rd. forks -----	36 47 23.8	93 44 54.5	2,498
Rd. at line between secs. 16 and 21, T. 24 N., R. 26 W. -----	36 47 11.8	93 44 54.8	1,218
Mail box of J. Zim -----	36 47 03.2	93 44 50.8	933
Rd. forks -----	36 46 44.1	93 44 46.3	1,967
Rd. at fences E. and W. at line between secs. 28 and 33, T. 24 N., R. 26 W. -----	36 46 08.6	93 44 36.8	3,676
Rd. forks -----	36 45 16.3	93 44 51.3	5,402
	36 45 13.2	93 44 52.9	349

(Continued in Cassville quadrangle; see line 1.)

4. FROM SHELL KNOB QUADRANGLE AT SEC. 35, T. 24 N., R. 25 W., WEST INTO SHELL KNOB QUADRANGLE AT SEC. 33, T. 24 N., R. 26 W. (by J. L. Sanders in 1923)

(Continued from Shell Knob quadrangle; see line 5.)

T. 24 N., R. 25 W., cor. secs. 26, 27, 34, and 35, crossroads -----	36 45 04.4	93 36 42.0	(2,711)
T. 24 N., R. 25 W., S. sixteenth cor. between secs. 26 and 27, at T-rd. E., 120 ft. W. of crossroads, 100 ft. E. of dwelling of T. A. Jordan, W. of small drain, 4 ft. N. of fence, in limestone ledge; standard tablet stamped "Prim Trav Sta No 30 S 1923 Mo W" -----	36 45 16.96	93 36 43.54	1,275
Flat Creek, center of ford across -----	36 45 25.3	93 36 52.1	1,096
Rd. forks -----	36 45 26.2	93 37 05.6	1,105
T. 24 N., R. 25 W., quarter cor. between secs. 27 and 28 -----	36 45 31.8	93 37 45.4	3,288
T-rd. N. -----	36 45 45.9	93 38 17.3	2,967
Rd. forks -----	36 45 45.8	93 38 29.8	1,021
T-rd. E. -----	36 45 56.1	93 39 54.4	6,961
T. 24 N., R. 25 W., cor. secs. 19, 20, 29, and 30 -----	36 46 02.1	93 39 54.1	603
T. 24 N., R. 25 W., quarter cor. between secs. 19 and 30 -----	36 46 02.8	93 40 26.5	2,638
Flat Creek, center of ford across -----	36 45 55.1	93 40 39.8	1,333
T. 24 N., Rs. 25 and 26 W., approximate cor. secs. 19, 24, 25, and 30 -----	36 46 04.3	93 40 55.3	1,573
T. 24 N., R. 26 W., N. sixteenth cor. sec. 25, 30 ft. E. of T-rd. S., 2 ft. S. and 7 ft. W. from fence corner, in concrete post; standard tablet stamped "Prim Trav Sta No 31 S 1923 Mo" -----	36 45 51.67	93 41 27.84	2,940
Rd. forks -----	36 45 48.5	93 42 30.9	5,142

* It was reported that this monument was reset 3 ft. S. and 18 ft. W. from described location and position by State Highway Engineer, Sept. 30, 1933.

Station	Latitude	Longitude	Distance
Crossroads -----	° ' "	° ' "	Feet
T. 24 N., R. 26 W., quarter cor. between secs. 26 and 27 -----	36 45 40.4	93 42 41.7	1,197
T. 24 N., R. 26 W., quarter cor. between secs. 27 and 34 -----	36 45 40.6	93 43 06.5	2,015
Rd. forks -----	36 45 14.9	93 43 39.9	3,759
	36 45 11.1	93 43 45.4	585

(Continued in Shell Knob quadrangle; see line 5.)

5. FROM SHELL KNOB QUADRANGLE AT SEC. 27, T. 24 N., R. 24 W., NORTH TO QUAIL, THENCE NORTH ALONG MISSOURI PACIFIC RAILROAD INTO HALLTOWN QUADRANGLE (by J. L. Sanders in 1923)

(Continued from Shell Knob quadrangle; see line 6.)

Flat Creek, center of bridge over -----	36 45 26.0	93 30 54.5	(4,983)
T. 24 N., R. 24 W., cor. secs. 21, 22, 27, and 28 -----	36 45 49.8	93 31 20.8	3,221
T. 24 N., R. 24 W., in NW 1/4 sec. 22, on top of hill, 20 ft. SE. of rd. forks, in concrete post; standard tablet stamped "Prim Trav Sta No 32 S 1923 Mo" -----	36 46 21.90	93 31 04.69	3,498
Crossroads -----	36 46 25.5	93 31 12.2	707
Rd. forks -----	36 46 34.6	93 31 17.6	1,015
Crossroads -----	36 46 35.5	93 31 34.9	1,414
Rd. forks -----	36 46 39.2	93 31 32.1	501
Rd. forks -----	36 46 45.3	93 31 48.7	885
Rd. forks -----	36 46 58.0	93 31 58.6	1,691
Rd. forks -----	36 47 26.7	93 31 59.4	2,904
Rd. at line between secs. 4 and 35, Tps. 24 and 25 N., R. 24 W. -----	36 49 05.0	93 31 59.8	9,938
Galena, 4 mi. W. of, along State Highway 44, 100 ft. S. of Lawrence's store, 50 ft. N. and 25 ft. W. from junction of County Route J, in concrete post; standard tablet stamped "Prim Trav Sta No 33 S 1924 Mo" -----	36 49 19.39	93 31 59.88	1,457
T. 25 N., R. 24 W., quarter cor. between secs. 26 and 27 -----	36 50 28.0	93 32 25.1	7,234
T. 25 N., R. 24 W., cor. secs. 22, 23, 26, and 27 -----	36 50 54.3	93 32 25.0	2,657
Missouri Pacific R.R. at rd. crossing, 0.2 mi. S. of Elsey -----	36 50 57.2	93 32 25.6	303
Elsey, at N. limits of, Missouri Pacific R.R. at rd. crossing -----	36 51 20.2	93 32 38.4	2,544
Elsey, 0.5 mi. N. of, along State Highway 13, at Community Church, 75 ft. SE. of rd. forks, in concrete post; standard tablet stamped "34 S 1924 Mo" -----	36 51 40.75	93 32 24.32	2,370
T-rd. S. -----	36 51 46.5	93 32 05.5	1,640
T. 25 N., R. 24 W., center sec. 14 -----	36 52 12.4	93 31 52.3	2,825
T. 25 N., R. 24 W., cor. secs. 11, 12, 13, and 14 -----	36 52 37.6	93 31 19.9	3,663
T-rd. E. -----	36 52 51.2	93 30 57.3	2,296
Quail, 220 ft. E. of Missouri Pacific R.R. at crossing signal, 20 ft. S. of track, 30 ft. N. of cemetery fence, in concrete post; standard tablet stamped "35 S 1924 Mo" -----	36 53 41.57	93 30 53.05	5,110
R.R. at rd. crossing -----	36 53 58.2	93 30 30.3	2,498
R.R. at rd. crossing -----	36 53 57.9	93 30 14.1	1,313

(For balance in Ponce de Leon quadrangle, see line 1.)

R.R. at milepost 486 -----	36 57 28.8	93 30 02.3	(2,526)
R.R. at rd. crossing -----	36 58 19.4	93 30 40.8	5,993
Browns Spring, center of door of sta. -----	36 58 30.3	93 30 39.9	1,106
Browns Spring, R.R. at rd. crossing, 1,000 ft. N. of sta. -----	36 58 39.8	93 30 39.0	963
R.R. at Christian-Stone county line -----	36 59 39.0	93 30 50.3	6,052

(Continued in Halltown quadrangle; see line 7.)

6. FROM SEC. 26, T. 26 N., R. 25 W., SOUTH TO SEC. 27, T. 24 N., R. 25 W. (by J. L. Sanders in 1923)

Prim Trav Sta No 11 1909 Mo (previously described) -----	36 55 23.34	93 37 59.00	.....
Rd. at Little Crane Creek -----	36 54 51.6	93 38 05.9	5,270
Rd. forks, 45 ft. N. and 30 ft. E. of store at Osa -----	36 54 15.9	93 38 03.7	1,587
T-rd. W. -----	36 54 08.4	93 38 03.7	757
T-rd. W. -----	36 53 36.4	93 38 01.5	3,240
Rd. forks -----	36 52 54.4	93 37 59.0	4,260
T. 25 N., R. 25 W., cor. secs. 11, 12, 13, and 14 -----	36 52 41.9	93 37 45.5	1,667
Mars Hill School, 210 ft. W. of SW. corner of, near T-rd. E., in concrete post; standard tablet stamped "Prim Trav Sta No 37 S 1924 Mo" -----	36 52 30.67	93 37 45.77	1,140

Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	
T. 25 N., R. 25 W., cor. secs. 13, 14, 23, and 24 -----	36	51	51.4	93	37	46.8	3,974
Scholten, crossroads at -----	36	50	59.0	93	37	46.8	5,293
T. 25 N., R. 25 W., quarter cor. between secs. 25 and 26, T-rd. W. -----	36	50	32.8	93	37	48.9	2,655
T. 25 N., R. 25 W., quarter cor. between secs. 25 and 36 -----	36	50	06.4	93	37	17.1	3,718
Rd. forks -----	36	49	59.3	93	37	17.4	714
T-rd. W. on Barry-Stone county line -----	36	49	52.9	93	36	45.1	2,710
T. 25 N., Rs. 24 and 25 W., S. cor. secs. 31 and 36, on Barry-Stone county line -----	36	49	39.8	93	36	45.3	1,325
Scholten, about 2.2 mi. S. and 1.2 mi. E. from, 25 ft. N. and 500 ft. E. from quarter cor. between secs. 2 and 3, T. 24 N., R. 25 W., 15 ft. NE. of T-rd. S., in concrete post; standard tablet stamped "Prim Trav Sta No 38 S 1924 Mo" -----	36	49	13.19	93	36	29.81	2,972
Rd. at line between secs. 2 and 11, T. 24 N., R. 25 W. -----	36	48	32.0	93	36	30.2	4,170
T. 24 N., R. 25 W., approximate center sec. 11 -----	36	48	04.0	93	36	03.6	3,551
T. 24 N., R. 25 W., quarter cor. between secs. 11 and 14 -----	36	47	39.6	93	36	04.5	2,470
Rd. forks -----	36	47	32.0	93	35	53.3	1,196
T. 24 N., R. 25 W., approximate center sec. 14 -----	36	47	13.7	93	36	05.1	2,081
T. 24 N., R. 25 W., in SW 1/4 sec. 14, 180 ft. W. of front door of dwelling of F. Gardner, in concrete post; standard tablet stamped "Prim Trav Sta No 39 S 1924 Mo" -----	36	46	58.94	93	36	14.32	1,670
Rd. forks -----	36	46	54.0	93	36	15.5	512
Rd. forks -----	36	46	40.0	93	36	15.5	1,416
T. 24 N., R. 25 W., cor. secs. 22, 23, 26, and 27 -----	36	45	56.1	93	36	40.1	4,867
Corney Branch, ford across -----	36	45	40.5	93	36	31.9	1,710
Flat Creek, center of bridge over -----	36	45	28.1	93	36	32.4	1,256
Prim Trav Sta No 30 S 1923 Mo W (previously described) -----	36	45	16.96	93	36	43.54	1,446

7. FROM SEC. 36, T. 25 N., R. 26 W., EAST TO SEC. 35, T. 25 N., R. 24 W.
(by C. N. Ackerman in 1935)

Prim Trav Sta No 2 L S 1923 Mo W (previously described) -----	36	50	14.62	93	44	21.41	.....
T-rd. S. -----	36	49	35.2	93	44	06.2	4,174
Rd. fork SW. -----	36	49	41.0	93	43	15.4	4,165
Rd. at fence S. -----	36	49	31.8	93	42	29.2	3,877
Leann, 0.5 mi. N. of, in sec. 32, T. 25 N., R. 25 W., 25 ft. N. and 40 ft. E. from dwelling of T. F. Merrick, on W. side of State Highway 39, in concrete post; standard tablet stamped "1376 E R A 1935" -----	36	49	24.92	93	41	43.94	3,742
Crossroads -----	36	49	45.8	93	41	50.8	2,188
T. 25 N., R. 25 W., cor. secs. 28, 29, 32, and 33, rd. at fences N. and S. -----	36	50	11.2	93	41	06.0	4,458
Crossroads -----	36	50	10.4	93	40	33.2	2,670
Scholten, 0.5 mi. S. and 2 mi. W. from, along Leann-Scholten rd., 90 ft. N. and 75 ft. W. from quarter cor. between secs. 27 and 28, T. 25 N., R. 25 W., W. of rd., 15 ft. S. and 30 ft. E. from SE. corner of dwelling of G. A. Brackin, in concrete post; standard tablet stamped "1377 E R A 1935" -----	36	50	36.98	93	40	00.76	3,766
Rd. at fence W. -----	36	51	01.2	93	39	38.8	3,027
Rd. at fence S. -----	36	51	04.0	93	38	54.1	3,642
T. 25 N., R. 25 W., 110 ft. E. of cor. secs. 23, 24, 25, and 26, T-rd. N. -----	36	50	59.2	93	37	46.9	5,481
Scholten, 1 mi. S. of, in SW. cor. sec. 25, T. 25 N., R. 25 W., 35 ft. S. and 45 ft. E. from junction of State Highway 44 and County Route V, 25 ft. N. and 65 ft. E. from rock store building on property of Noel Elkins, in concrete post; standard tablet stamped "1378 E R A 1935" -----	36	50	10.40	93	37	49.14	4,935
State Highway 44 at rd. S. -----	36	50	00.8	93	37	16.5	2,826
State Highway 44 at crossroad -----	36	49	33.1	93	36	45.5	3,763
Prim Trav Sta No 38 S 1924 Mo (previously described) -----	36	49	13.19	93	36	29.81	2,380
State Highway 44 at fences N. and S. -----	36	49	25.6	93	35	40.6	4,193
Scholten, 1.8 mi. S. and 3 mi. E. from, on State Highway 44, about 400 ft. S. and 25 ft. E. from limestone rock at quarter cor. between secs. 32 and 33, T. 25 N., R. 24 W., 60 ft. N. and 35 ft. E. from N.-S. crossroad, 45 ft. S. and 40 ft. W. from SW. corner of Mountain Home School, in concrete post; standard tablet stamped "1379 E R A 1935" -----	36	49	33.59	93	34	34.71	5,415
State Highway 44 at fences N. and S. -----	36	49	21.5	93	34	03.2	2,843

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
W. end of bridge over creek -----	36 49 14.0	93 33 06.4	4,678
State Highway 44 at fences E. and W. -----	36 48 54.3	93 33 06.4	2,000
State Highway 44 at fences N. and S. -----	36 48 58.5	93 32 19.5	3,839
Prim Trav Sta No 33 S 1924 Mo (previously de- scribed) -----	36 49 19.39	93 31 59.88	2,646

8. FROM PONCE de LEON QUADRANGLE AT SEC. 7, T. 25 N., R. 23 W., WEST TO
QUAIL (by C. W. Williams in 1937)

(Continued from Ponce de Leon quadrangle; see line 7.)

T. 25 N., R. 24 W., approximate E. cor. secs. 1 and 12, rd. at fence W. -----	36 53 29.8	93 30 13.0	(2,972)
35 S 1924 Mo (previously described) -----	36 53 41.57	93 30 53.05	3,464

9. FROM SHELL KNOB QUADRANGLE NORTHEAST ALONG STATE HIGHWAY 44 TO BARRY-
STONE COUNTY LINE (fourth-order traverse by State Highway Department
in 1934)

(Continued from Shell Knob quadrangle; see line 9.)

T. 24 N., R. 26 W., quarter cor. between secs. 27 and 34, junction of private rd. E. -----	36 45 15.2	93 43 40.6	2,390
T. 24 N., R. 26 W., center of SE 1/4 sec. 27, highway at fences N., S., and W. -----	36 45 28.8	93 43 23.1	1,910
T. 24 N., R. 26 W., quarter cor. between secs. 26 and 27, 64 ft. S. of, crossroad -----	36 45 39.8	93 43 06.4	1,820
Highway at fence S. on W. side of schoolyard --- Crossroad on line between secs. 25 and 26, T. 24 N., R. 26 W. -----	36 45 44.7	93 42 43.5	1,910
Highway at fences N. and S. -----	36 45 54.6	93 42 00.8	3,640
Crossroad -----	36 45 58.7	93 41 44.4	1,400
Prim Trav Sta No 31 S 1923 Mo (previously de- scribed) -----	36 46 07.1	93 41 11.4	2,820
Crossroad (previously described) -----	36 45 51.67	93 41 27.84	2,060
Highway at fences N. and S. on line between secs. 19 and 24, T. 24 N., R. 25 and 26 W. -----	36 46 07.1	93 41 11.4	.....
Junction of State Highway 39 -----	36 46 05.6	93 40 55.1	1,340
T. 24 N., R. 25 W., quarter cor. between secs. 19 and 20, crossroad -----	36 46 11.4	93 40 30.1	2,110
Junction of private entrance E. -----	36 46 28.8	93 39 52.9	3,500
Junction of private entrance NW. -----	36 46 31.5	93 39 23.4	2,420
Crossroad -----	36 46 52.3	93 39 00.4	2,820
Crossroad -----	36 47 13.5	93 38 59.8	2,140
Crossroad -----	36 47 41.8	93 39 07.6	2,930
Junction of private entrance E. -----	36 48 12.9	93 38 55.1	3,300
Highway at fences E. and W. on line between secs. 4 and 9, T. 24 N., R. 25 W. -----	36 48 35.3	93 38 37.8	2,660
Highway at fences E. and W. -----	36 49 01.2	93 38 33.2	2,650
Highway at culvert on approximate line between secs. 34 and 35, T. 25 N., R. 25 W. -----	36 49 25.0	93 38 56.2	3,045
Highway at concrete culvert -----	36 49 40.0	93 38 37.0	2,180
T. 25 N., R. 25 W., quarter cor. between secs. 26 and 35, 22 ft. E. of, highway at fences E. and W. -----	36 50 07.2	93 38 22.7	2,980
Highway at fences N. and S. on line between secs. 25 and 26, T. 25 N., R. 25 W. -----	36 50 10.9	93 37 49.6	2,710
Highway at fences E. and W. on line between secs. 25 and 36, T. 25 N., R. 25 W. -----	36 50 06.6	93 37 35.3	1,240
Crossroad -----	36 49 53.0	93 36 59.1	3,250
Crossroad on line between secs. 31 and 36, T. 25 N., R. 24 and 25 W. -----	36 49 28.9	93 36 45.6	2,675
Prim Trav Sta No 38 S 1924 Mo (previously de- scribed) -----	36 49 13.19	93 36 29.81	2,040

10. FROM SEC. 12, T. 25 N., R. 26 W., SOUTH ALONG STATE HIGHWAY 39 TO
JUNCTION OF STATE HIGHWAY 44 (fourth-order traverse by State
Highway Department in 1934)

Prim Trav Sta No 1 L S 1923 Mo W (previously described) -----	36 53 16.76	93 43 11.78	.....
T. 25 N., R. 26 W., E. cor. secs. 12 and 13, junction of rd. W., 42 ft. N. of junction of rd. E. at W. cor. secs. 7 and 18, T. 25 N., R. 25 W. -----	36 52 51.0	93 43 12.4	2,610
T. 25 N., R. 26 W., E. quarter cor. sec. 13, highway at fence W. -----	36 52 24.6	93 43 13.0	2,660
T. 25 N., R. 25 and 26 W., approximate cor. secs. 13, 18, 19, and 24, junction of rd. W. at fence E. -----	36 51 58.3	93 43 13.6	2,660
Crossroad -----	36 51 32.0	93 42 59.7	2,910
Highway at fences E. and W. on line between secs. 19 and 30, T. 25 N., R. 25 W. -----	36 51 05.4	93 42 57.4	2,690
Junction of private entrances NE. and SW. -----	36 50 54.6	93 42 26.5	2,740
Highway at fences E. and W. -----	36 50 39.0	93 41 58.2	2,790

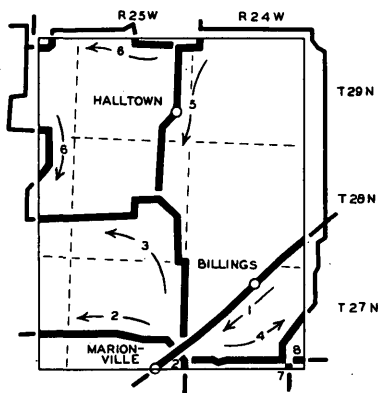
* See footnote on page 620.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Highway at fences E. and W. on line between secs. 29 and 32, T. 25 N., R. 25 W. -----	36 50 12.8	93 41 58.9	2,655
Crossroad -----	36 49 45.8	93 41 50.8	2,800
Highway at fences E. and W. on line between secs. 1 and 32, Tps. 24 and 25 N., Rs. 25 and 26 W. - Brantley Branch, highway at center of low-water crossing over -----	36 49 19.0	93 41 42.6	2,780
Highway at concrete culvert -----	36 48 48.0	93 41 25.9	3,410
Highway at fences E. and W. -----	36 48 21.4	93 41 22.6	2,720
Highway at fences E. and W. -----	36 47 36.4	93 41 16.4	4,580
Highway at fences E. and W. -----	36 47 10.2	93 41 14.7	2,650
Jenkins Creek, N. end of bridge over -----	36 46 43.9	93 41 02.4	2,850
Junction of rd. E. -----	36 46 29.2	93 40 39.7	2,370
Junction of State Highway 44 -----	36 46 11.4	93 40 30.1	1,960

Magnetic declination 7° 16' E.

HALLTOWN QUADRANGLE
(Latitude 37°00'-37°15'; longitude 93°30'-93°45')

Christian, Greene, and Lawrence Counties



1. FROM REPUBLIC QUADRANGLE SOUTHWEST ALONG ST. LOUIS-SAN FRANCISCO
RAILWAY INTO ELSEY QUADRANGLE (by George T. Hawkins in 1900, rerun
by J. H. Wilson in 1916)
(Continued from Republic quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 27 N., R. 24 W., cor. secs. 4, 5, 8, and 9 ---	37 04 06.4	93 33 15.9	
Billings, R.R. at sta. -----	37 03 59.7	93 33 17.4	
T. 27 N., Ra. 24 and 25 W., approximate quarter cor. between secs. 25 and 30 -----	37 01 03.3	93 36 35.4	
Logan, R.R. at sta. -----	37 00 48.1	93 36 58.4	

(Continued in Elsey quadrangle; see line 1.)

2. FROM ELSEY QUADRANGLE AT SEC. 36, T. 27 N., R. 25 W., WEST INTO STOTTS CITY
QUADRANGLE AT SEC. 26, T. 27 N., R. 26 W. (by J. R. Ellis in 1909)
(Continued from Elsey quadrangle; see line 2.)

Marionville, 1.2 mi. E. of, 0.2 mi. W. of Christian-Lawrence county line, center of E½ sec. 36, T. 27 N., R. 25 W., at SE. corner of crossroads; iron post stamped "Prim Trav Sta No 12 1909 Mo" -----	37 00 10.79	93 36 51.89	(2,947)
Logan, St. Louis-San Francisco Ry. at sta. -----	37 00 48.1	93 36 58.4	3,810
T. 27 N., R. 25 W., cor. secs. 23, 24, 25, and 26, crossroads -----	37 01 29.1	93 37 40.3	5,356
T. 27 N., R. 25 W., cor. secs. 22, 23, 26, and 27, T-rd. S. -----	37 01 28.9	93 38 45.6	5,295
T. 27 N., R. 25 W., cor. secs. 21, 22, 27, and 28 -----	37 01 31.1	93 39 50.8	5,292
T. 27 N., R. 25 W., cor. secs. 20, 21, 28, and 29, crossroads -----	37 01 34.2	93 40 56.1	5,312
T. 27 N., R. 25 W., cor. secs. 19, 20, 29, and 30, T-rd. E. -----	37 01 36.5	93 42 00.6	5,243

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Aurora, 3.5 mi. N. of, E. cor. secs. 24 and 25, T. 27 N., R. 26 W., 18 ft. N. and 40 ft. W. from T-rd. W., in concrete post; standard tablet stamped "Prim Trav Sta No 13 1909 RESET 1938" -----	37 01 38.93	93 42 59.24	
T. 27 N., R. 26 W., cor. secs. 23, 24, 25, and 26 -----	37 01 40.2	93 44 04.3	
St. Louis-San Francisco Ry. at rd. crossing, 4 telegraph poles S. of milepost -----	37 01 40.4	93 44 10.9	535

(Continued in Stotts City quadrangle; see line 2.)

3. FROM LOGAN NORTH TO SEC. 14, T. 28 N., R. 25 W., THENCE WEST INTO
STOTTS CITY QUADRANGLE AT SEC. 23, T. 28 N., R. 26 W. (by J. R. Ellis
in 1909)

Logan, St. Louis-San Francisco Ry. at sta. (pre- viously described) -----	37 00 48.1	93 36 58.4	.....
T. 27 N., R. 25 W., E. cor. secs. 24 and 25, T-rd. W. -----	37 01 29.7	93 36 34.9	4,622
T. 27 N., R. 24 W., W. cor. secs. 19 and 30, T-rd. E. -----	37 01 30.0	93 36 34.9	30
T. 27 N., R. 25 W., E. cor. secs. 12 and 13, rd. at fence E. (? W.) -----	37 03 15.3	93 36 33.6	10,660
T. 27 N., R. 25 W., E. cor. secs. 1 and 12, junction of lane W. -----	37 04 08.0	93 36 32.8	5,330
Tps. 27 and 28 N., Rs. 24 and 25 W., cor. of, T-rd. S. on Christian-Lawrence county line -----	37 05 00.7	93 36 32.0	5,330
T. 28 N., R. 25 W., quarter cor. between secs. 25 and 36, T-rd. W. -----	37 05 53.5	93 37 04.3	5,956
T. 28 N., R. 25 W., quarter cor. between secs. 24 and 25 -----	37 06 47.3	93 37 03.6	5,411
T. 28 N., R. 25 W., cor. secs. 13, 14, 23, and 24, crossroads -----	37 07 38.4	93 37 35.8	5,812
T. 28 N., R. 25 W., near E. sixteenth cor. be- tween secs. 14 and 23, opposite front door of Sycamore School, N. of E-W. rd.; iron post stamped "Prim Trav Sta No 1 1909 Mo" -----	37 07 38.74	93 37 51.97	1,321
T. 28 N., R. 25 W., W. sixteenth cor. between secs. 15 and 22, T-rd. E. -----	37 07 40.7	93 39 31.8	8,084
T-rd. N. -----	37 07 15.1	93 39 48.3	2,913
Chesapeake School, rd. forks at -----	37 07 05.3	93 40 35.8	4,149
Rd. forks, 1 mi. W. of Chesapeake School, 20 ft. N. of forked black-oak tree -----	37 06 51.8	93 42 12.7	7,806
Chesapeake School, 2 mi. W. of, E. cor. secs. 24 and 25, T. 28 N., R. 26 W., 24 ft. S. and 70 ft. W. from T-rd. W., in concrete post; standard tablet stamped "Prim Trav Sta No 2 1909 RESET 1938" -----	37 06 53.28	93 42 54.25	
T. 28 N., R. 26 W., cor. secs. 23, 24, 25, and 26, crossroads -----	37 06 54.4	93 43 58.6	

(Continued in Stotts City quadrangle; see line 1.)

4. FROM SEC. 36, T. 27 N., R. 25 W., EAST INTO REPUBLIC QUADRANGLE
AT SEC. 19, T. 27 N., R. 23 W. (by J. H. Wilson in 1916)

Prim Trav Sta No 12 1909 Mo (previously de- scribed) -----	37 00 10.79	93 36 51.89	.....
T. 27 N., Rs. 24 and 25 W., approximate quarter cor. between secs. 31 and 36, on Christian- Lawrence county line -----	37 00 10.8	93 36 35.9	1,294
T. 27 N., R. 24 W., quarter cor. between secs. 31 and 32, crossroads -----	37 00 10.2	93 35 31.9	5,190
T. 27 N., R. 24 W., quarter cor. between secs. 32 and 33, T-rd. W. -----	37 00 09.5	93 34 26.1	5,341
T. 27 N., R. 24 W., cor. secs. 28, 29, 32, and 33, T-rd. E. -----	37 00 35.7	93 34 25.7	2,650
T. 27 N., R. 24 W., cor. secs. 27, 28, 33, and 34, T-rd. N. -----	37 00 34.7	93 33 20.1	5,316
T. 27 N., R. 24 W., cor. secs. 26, 27, 34, and 35 -----	37 00 33.8	93 32 13.7	5,391
T. 27 N., R. 24 W., cor. secs. 25, 26, 35, and 36 -----	37 00 32.5	93 31 08.2	5,310
Missouri Pacific R.R. at rd. crossing -----	37 00 32.1	93 30 49.2	1,545
T. 27 N., R. 24 W., E. cor. secs. 25 and 36, 20 ft. S. and 15 ft. W. from, 55 ft. S. and 15 ft. W. from W. cor. secs. 30 and 31, T. 27 N., R. 23 W.; iron post stamped "Prim Trav Sta No 1 1916 Mo" -----	37 00 31.08	93 30 02.92	3,751
T. 27 N., R. 24 W., E. cor. secs. 24 and 25, T-rd. W., 15 ft. S. of W. cor. secs. 19 and 30, T. 27 N., R. 23 W. -----	37 01 24.3	93 30 01.4	5,380

(Continued in Republic quadrangle; see line 3.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet

5. FROM ASH GROVE QUADRANGLE AT SEC. 6, T. 29 N., R. 24 W., SOUTH TO SEC. 14, T. 28 N., R. 25 W. (by J. H. Wilson in 1916)

Junction point not described (In Ash Grove quadrangle; see line 2.) -----	37 15 30.3	93 35 24.9	.....
T. 29 N., R. 25 W., E. cor. secs. 1 and 12, curve in rd. on Greene-Lawrence county line, 0.2 mi. E. of crossroads -----	37 14 39.2	93 36 20.2	6,834
T. 29 N., R. 25 W., cor. secs. 1, 2, 11, and 12, 27 ft. S. and 22 ft. E. from crossroads; iron post stamped "Prim Trav Sta No 4 1916 Mo" * -----	37 14 38.41	93 37 25.67	5,295
T. 29 N., R. 25 W., cor. secs. 11, 12, 13, and 14, crossroads -----	37 13 46.3	93 37 26.9	5,276
T. 29 N., R. 25 W., cor. secs. 13, 14, 23, and 24, T-rd. E. -----	37 12 54.0	93 37 28.4	5,285
T. 29 N., R. 25 W., cor. secs. 23, 24, 25, and 26, rd. at fences E. and W. -----	37 12 01.9	93 37 29.5	5,280
Halltown, crossroads at quarter cor. between secs. 25 and 26, T. 29 N., R. 25 W. -----	37 11 35.9	93 37 30.2	2,631
T. 29 N., R. 25 W., center sec. 26, stone at T-rd. S. -----	37 11 36.5	93 38 03.0	2,656
T-rd. W. -----	37 10 56.2	93 38 20.3	4,313
T-rd. S. -----	37 10 18.4	93 38 23.2	3,826
T. 28 N., R. 25 W., quarter cor. between secs. 2 and 11, stone at crossroads at Roper School -----	37 09 23.0	93 38 07.6	5,744
T. 28 N., R. 25 W., quarter cor. between secs. 11 and 14, stone at crossroads -----	37 08 30.8	93 38 08.3	5,289
Prim Trav Sta No 1 1909 Mo (previously described) -----	37 07 38.74	93 37 51.97	5,424

6. FROM SEC. 2, T. 29 N., R. 25 W., WEST TO SEC. 3, T. 29 N., R. 26 W., THENCE SOUTH INTO STOTTS CITY QUADRANGLE AT SEC. 2, T. 28 N., R. 26 W. (by J. H. Wilson in 1916)

Prim Trav Sta No 4 1916 Mo (previously described) -----	37 14 38.41	93 37 25.67	.....
T. 29 N., R. 25 W., cor. secs. 2, 3, 10, and 11, rd. at fence, W. of Pilgrim's Rest Church -----	37 14 39.8	93 38 31.1	5,298
Lawrenceburg, cor. secs. 3, 4, 9, and 10, T. 29 N., R. 25 W., T-rd. E. -----	37 14 40.9	93 39 37.2	5,346

(For balance in Ash Grove quadrangle, see line 3.)

T. 29 N., R. 26 W., cor. secs. 2, 3, 10, and 11, junction of lane S. -----	37 14 46.6	93 44 52.4	(3;063)
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(For balance in Stotts City quadrangle, see line 3.)

T. 28 N., R. 26 W., N. cor. secs. 2 and 3, curve in rd., 35 ft. W. of S. cor. secs. 34 and 35, T. 29 N., R. 26 W. -----	37 10 24.6	93 44 59.5	(4,743)
T. 28 N., R. 26 W., cor. secs. 2, 3, 10, and 11, curve in rd. -----	37 09 32.6	93 45 00.7	5,257

(Continued in Stotts City quadrangle; see line 3.)

7. FROM ELSEY QUADRANGLE NORTH ALONG MISSOURI PACIFIC RAILROAD TO SEC. 25, T. 27 N., R. 24 W., THENCE EAST ALONG ROADS ABOUT 0.7 MILE (by J. L. Sanders in 1923)

(Continued from Elsey quadrangle; see line 5.)

R.R. at rd. crossing -----	37 00 32.0	93 30 49.2	(5,370)
Prim Trav Sta No 1 1916 Mo (previously described) -----	37 00 31.08	93 30 02.92	3,755

8. FROM REPUBLIC QUADRANGLE AT SEC. 30, T. 27 N., R. 23 W., SOUTHWEST TO SEC. 36, T. 27 N., R. 24 W. (by R. S. Wilson in 1935)

(Continued from Republic quadrangle; see line 13.)

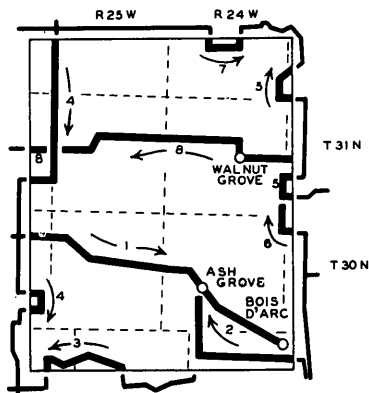
Prim Trav Sta No 1 1916 Mo (previously described) -----	37 00 31.08	93 30 02.92	(5,347)
T. 27 N., R. 24 W., E. cor. secs. 25 and 36, 35 ft. S. and 40 ft. W. from T-rd. W., 65 ft. S. and 40 ft. W. from T-rd. E. at W. cor. secs. 30 and 31, T. 27 N., R. 23 W., 2 ft. N. of yard fence, in concrete post; standard tablet stamped "2018 E R A 1935" -----	37 00 30.73	93 30 03.11	31

Magnetic declination in 1916, 7° 30' E.

* It was reported by W. V. Kennedy, Jan. 29, 1938, that this monument had been reset 27 ft. S. and 27 ft. W. from this position.

ASH GROVE QUADRANGLE
(Latitude 37°15'-37°30'; longitude 93°30'-93°45')

Dade, Greene, Lawrence, and Polk Counties



1. FROM GREENFIELD QUADRANGLE SOUTHEAST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY INTO MORRISVILLE QUADRANGLE (by George T. Hawkins in 1900; that portion of the line from Ash Grove E. rerun by J. H. Wilson in 1916)

(Continued from Greenfield quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 30 N., R. 25 W., quarter cor. between secs. 8 and 17	37 20 33.3	93 42 26.2	
Everton, R.R. at sta. -----	37 20 25.3	93 42 17.6	
Emmet, R.R. at sta. -----	37 19 28.8	93 39 33.4	
T. 30 N., R. 24 W., quarter cor. between secs. 20 and 21	37 19 00.2	93 35 16.7	
Ash Grove, R.R. at sta. -----	37 18 58.4	93 35 13.3	
T. 30 N., R. 24 W., S. cor. secs. 34 and 35	37 16 52.1	93 33 09.2	
Land corner about 1 mi. N. of S. cor. secs. 1 and 2, T. 29 N., R. 24 W.	37 15 30.7	93 30 45.6	
Bois D'Arc, R.R. at sta. -----	37 15 26.7	93 30 25.1	

(Continued in Republic quadrangle; see line 2.)

2. FROM MORRISVILLE QUADRANGLE WEST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY TO BOIS D'ARC, THENCE WEST ALONG ROADS TO SEC. 6, T. 29 N., R. 24 W., THENCE NORTH TO ASH GROVE (by J. H. Wilson in 1916)

(Continued from Morrisville quadrangle; see line 1.)

Rd. at fences N. and S. on line between secs. 2 and 3, T. 29 N., R. 24 W.	37 15 30.0	93 31 51.2	(10,928)
T-rd. S. at Fairview School on line between secs. 3 and 4, T. 29 N., R. 24 W.	37 15 30.3	93 32 56.8	5,300
Crossroads on line between secs. 4 and 5, T. 29 N., R. 24 W.	37 15 30.6	93 34 02.5	5,315
T-rd. S. between Stony Point School and Church on line between secs. 5 and 6, T. 29 N., R. 24 W.	37 15 30.4	93 35 08.6	5,345
Junction point not described	37 15 30.3	93 35 24.9	1,320
T. 29 N., Rs. 24 and 25 W., N. cor. secs. 1 and 6, T-rd. S. at NE. corner of Lawrence County, 21 ft. NW. of iron-pipe fence post with concrete base	37 16 53.2	93 35 18.1	9,417
T. 30 N., R. 24 W., S. cor. secs. 32 and 33, T-rd. W. (? N.), 180 ft. E. of T-rd. S.	37 16 51.8	93 35 21.0	4,610
T. 30 N., R. 24 W., cor. secs. 28, 29, 32, and 33, crossroads	37 17 44.2	93 35 19.3	5,294
T. 30 N., R. 24 W., cor. secs. 20, 21, 28, and 29, T-rd. W., 25 ft. S. of bridge over creek	37 18 36.5	93 35 17.7	5,300
Ash Grove sta. (previously described)	37 18 58.4	93 35 13.3	2,242

3. FROM HALLTOWN QUADRANGLE AT SEC. 4, T. 29 N., R. 25 W., WEST INTO HALLTOWN QUADRANGLE AT SEC. 2, T. 29 N., R. 26 W. (by J. H. Wilson in 1916)

(Continued from Halltown quadrangle; see line 6.)

Stone at T-rd. W. on line between secs. 3 and 4, T. 29 N., R. 25 W.	37 15 07.0	93 39 36.4	(2,640)
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Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Stone at T-rd. N. on line between secs. 4 and 5, T. 29 N., R. 25 W. -----	37 15 07.7	93 40 41.6	5,272
Crossroads -----	37 15 08.1	93 41 18.5	2,985
T-rd. E., 0.5 mi. N. of SW. cor. sec. 6, T. 29 N., R. 25 W. -----	37 15 09.5	93 42 40.6	6,636
Center of triangle at rd. forks just E. of ford across Turnback Creek -----	37 15 13.4	93 43 42.5	5,023
T-rd. E. -----	37 15 01.2	93 44 19.2	3,219

(Continued in Halltown quadrangle; see line 6.)

4. FROM FAIR PLAY QUADRANGLE AT SEC. 19, T. 32 N., R. 25 W., SOUTH AND WEST INTO GREENFIELD QUADRANGLE AT SEC. 26, T. 30 N., R. 26 W. (by W. R. Broadus in 1933)

(Continued from Fair Play quadrangle; see line 1.)

T. 32 N., R. 25 W., quarter cor. between secs. 19 and 30, T-rd. N. -----	37 29 14.9	93 43 08.2	(5,281)
Rd. corner from E.-S. -----	37 29 15.5	93 43 31.2	1,849
T. 32 N., R. 25 and 26 W., 13 ft. N. and 240 ft. E. from stone at cor. secs. 25, 30, 31, and 36, 15 ft. N. and 74 ft. E. from rd. forks, in concrete post; standard tablet stamped "T 81 B 1933" -----	37 28 24.09	93 43 42.40	5,276
T. 32 N., R. 25 and 26 W., cor. secs. 25, 30, 31, and 36, stone -----	37 28 24.0	93 43 45.4	242
Rd. opposite gate -----	37 27 44.7	93 43 43.4	3,979
Rd. forks -----	37 27 28.0	93 43 44.5	1,685
Sac River, at point below Hulston Mill, center of bridge over -----	37 27 18.2	93 43 48.9	1,053
T-rd. E. on line between secs. 1 and 12, T. 31 N., R. 26 W. -----	37 26 40.1	93 43 53.6	3,874
T. 31 N., R. 25 and 26 W., near cor. secs. 7, 12, 13, and 18, 0.8 mi. N. of U.S. Highway 160, along rd. to Hulston Mill, 90 ft. N. and 20 ft. E. from T-rd. W., 40 ft. N. and 20 ft. E. from T-rd. E., in concrete post; standard tablet stamped "T 82 B 1933" -----	37 25 48.05	93 43 51.36	5,271
U.S. Highway 160 at crossroad -----	37 25 07.9	93 43 53.3	4,059
T. 31 N., R. 26 W., E. cor. secs. 13 and 24, rd. at fence W. -----	37 24 55.0	93 43 53.8	1,306
T. 31 N., R. 25 W., N. sixteenth cor. on W. side sec. 19, T-rd. E. -----	37 24 41.7	93 43 54.3	1,346
T. 31 N., R. 25 W., W. sixteenth cor. between secs. 19 and 30, T-rd. E. -----	37 24 02.2	93 43 55.7	4,274
T-rd. W. -----	37 23 49.0	93 43 56.0	1,335
T. 31 N., R. 26 W., in NW 1/4 sec. 25, 295 ft. E. of T-rd. E., 26 ft. S. of rd., 12 ft. S. of fence, in sandstone outcrop; standard tablet stamped "T 83 B 1933" -----	37 23 50.99	93 44 59.21	6,717
(For balance in Greenfield quadrangle, see line 3.)			
Rd. forks -----	37 18 40.4	93 44 52.8	(1,750)

(Continued in Greenfield quadrangle; see line 3.)

5. FROM MORRISVILLE QUADRANGLE AT SEC. 30, T. 31 N., R. 23 W., NORTH INTO MORRISVILLE QUADRANGLE AT SEC. 31, T. 32 N., R. 23 W. (by O. E. Fort in 1934)

(Continued from Morrisville quadrangle; see line 3.)

T. 31 N., R. 23 W., quarter cor. between secs. 30 and 31, 5 ft. N. and 23 ft. W. from T-rd. E., in concrete post; standard tablet stamped "119 C W A 1934" -----	37 22 52.70	93 30 10.47	(2,691)
T-rd. E. -----	37 23 18.8	93 30 09.1	2,640
T-rd. E. -----	37 23 45.1	93 30 08.5	2,661
T-rd. W. -----	37 24 00.0	93 30 07.9	1,511
T. 31 N., R. 23 W., quarter cor. between secs. 18 and 19, T-rd. S. -----	37 24 37.7	93 30 06.6	3,820

(For balance in Morrisville quadrangle, see line 4.)

Tps. 31 and 32 N., R. 23 W., near quarter cor. between secs. 6 and 31, 40 ft. N. and 15 ft. E. from junction of private entrance N., 26 ft. S. and 242 ft. W. from triangular-blazed 20-in. sugar-maple tree, in concrete post; standard tablet stamped "138 C W A 1934" -----	37 27 14.73	93 30 02.71	(2,801)
Tps. 31 and 32 N., R. 23 and 24 W., cor. of, T-rd. N. -----	37 27 24.8	93 30 36.3	2,893

Station	Latitude	Longitude	Distance
St. Louis-San Francisco Ry. at fence W. -----	° ' " 37 27 46.8	° ' " 93 30 24.1	Feet 2,435
(Continued in Morrisville quadrangle; see line 4.)			

6. FROM MORRISVILLE QUADRANGLE AT SEC. 6, T. 30 N., R. 23 W., NORTH TO SEC. 31, T. 31 N., R. 23 W. (by R. D. Moore in 1934)
(Continued from Morrisville quadrangle; see line 11.)

St. Louis-San Francisco Ry. at rd. crossing -----	37 22 21.1	93 30 11.2	(5,126)
119 C W A 1934 (previously described) -----	37 22 52.70	93 30 10.47	3,197

7. FROM FAIR PLAY QUADRANGLE AT SEC. 15, T. 32 N., R. 24 W., EAST AND NORTH INTO FAIR PLAY QUADRANGLE AT SEC. 15, T. 32 N., R. 24 W.
(by C. N. Ackerman in 1934)
(Continued from Fair Play quadrangle; see line 4.)

T-rd. N. -----	37 29 44.4	93 34 38.9	(8,368)
T. 32 N., R. 24 W., N. sixteenth cor. between secs. 21 and 22, T-rd. N. (County Route J) ----	37 29 43.3	93 33 49.9	3,949
Eudora, 1 mi. N. and 1 mi. W. from, N. sixteenth cor. sec. 22, T. 32 N., R. 24 W., 33 ft. S. and 324 ft. W. from T-rd. N., N. of dwelling on property of L. C. McDonald, in concrete post; standard tablet stamped "580 C W A 1934" -----	37 29 42.49	93 33 20.50	2,372
T. 32 N., R. 24 W., quarter cor. between secs. 15 and 22, T-rd. W. -----	37 29 55.8	93 33 16.4	1,381
(Continued in Fair Play quadrangle; see line 4.)			

8. FROM MORRISVILLE QUADRANGLE AT SEC. 18, T. 31 N., R. 23 W., WEST TO SEC. 17, T. 31 N., R. 25 W., THENCE WEST ALONG U.S. HIGHWAY 160 INTO GREENFIELD QUADRANGLE (by C. N. Ackerman in 1934)

137 C W A 1934 (In Morrisville quadrangle; see line 4.) -----	37 25 07.85	93 29 32.95	.....
T. 31 N., R. 23 W., quarter cor. between secs. 18 and 19, T-rd. S. -----	37 24 37.8	93 30 06.6	4,079
T. 31 N., R. 24 W., E. cor. secs. 13 and 24, T-rd. W., 70 ft. S. of T-rd. E. at W. cor. secs. 18 and 19, T. 31 N., R. 23 W. -----	37 24 37.8	93 30 43.3	2,963
Rd. at fence S. -----	37 24 38.5	93 31 16.2	2,649
U.S.C. & G.S. standard disk stamped "K 23 1934" -----	37 24 39.31	93 32 10.59	4,395
St. Louis-San Francisco Ry. at rd. crossing -----	37 24 40.0	93 32 34.5	1,929
Walnut Grove, County Route A at Main Street -----	37 24 40.6	93 32 58.6	1,946
Crossroads -----	37 25 06.9	93 33 01.3	2,667
Walnut Grove, 1 mi. N. and 0.2 mi. W. from, on County Route A (now State Highway 123), E. sixteenth cor. between secs. 10 and 15, T. 31 N., R. 24 W., 30 ft. S. and 38 ft. W. from junction of rd. W., on Greene-Polk county line, in concrete post; standard tablet stamped "582 C W A 1934" -----	37 25 33.15	93 33 10.22	2,751
T-rd. N. -----	37 25 33.8	93 33 26.2	1,293
T. 31 N., R. 24 W., cor. secs. 9, 10, 15, and 16, stone in center of rd. at hedge fence S. -----	37 25 34.4	93 33 59.1	2,651
Rd. at fence S. -----	37 25 35.0	93 34 31.9	2,651
T. 31 N., R. 24 W., cor. secs. 8, 9, 16, and 17, T-rd. S. -----	37 25 35.7	93 35 04.6	2,640
Walnut Grove, 1 mi. N. and 2.7 mi. W. from, quarter cor. between secs. 8 and 17, T. 31 N., R. 24 W., 28 ft. N. and 25 ft. E. from crossroads, about 800 ft. SW. of dwelling on property of J. O. Hayter, in concrete post; standard tablet stamped "583 C W A 1934" -----	37 25 36.65	93 35 36.89	2,608
T. 31 N., R. 24 W., cor. secs. 7, 8, 17, and 18, rd. at fences N. and S. -----	37 25 36.9	93 36 09.6	2,639
Rd. at fences N. and S. -----	37 25 37.8	93 36 42.4	2,650
T. 31 N., R. 24 W., W. cor. secs. 7 and 18, T-rd. E. at W. corner of Greene and Polk Counties, 40 ft. N. of T-rd. W. at E. cor. secs. 12 and 13, T. 31 N., R. 25 W. -----	37 25 38.6	93 37 15.7	2,690
Rd. at fence N. -----	37 25 38.8	93 37 48.3	2,630
Dadeville, 3 mi. S. and 2.2 mi. E. from, E. sixteenth cor. between secs. 11 and 14, T. 31 N., R. 25 W., 18 ft. N. and 330 ft. E. from crossroads, in concrete post; standard tablet stamped "584 C W A 1934" -----	37 25 40.19	93 38 33.31	3,633
Sac River, W. end of bridge over -----	37 25 41.4	93 39 11.7	3,099
T. 31 N., R. 25 W., approximate cor. secs. 10, 11, 14, and 15, rd. at point 60 ft. N. of concrete silo -----	37 25 41.5	93 39 26.8	1,220
T-rd. S. -----	37 25 42.7	93 39 59.1	2,608

* In 1940 this tablet was reset 2 ft. W. and 22 ft. N. from this location. The coordinates given refer to the new position.

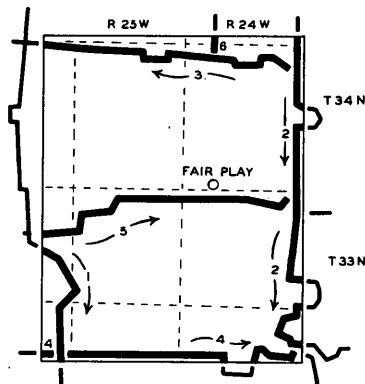
Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 31 N., R. 25 W., cor. secs. 9, 10, 15, and 16, rd. at fences N. and S. -----	37 25 43.7	93 40 31.6	2,631
County Route C at rds. E. and S. -----	37 25 44.3	93 41 05.0	2,690
County Route C at rd. N. -----	37 25 26.6	93 41 38.3	3,232
Dadeville, 3.8 mi. S. and 0.8 mi. W. from, in SE 1/4 sec. 17, T. 31 N., R. 25 W., 112 ft. S. and 82 ft. E. from junction of County Route C, 49 ft. S. of SE. corner of head wall of concrete culvert, in concrete post; standard tablet stamped "585 C W A 1934" -----	37 25 13.14	93 41 56.58	2,005
Junction of rd. S. -----	37 25 14.9	93 42 28.4	2,572
Junction of lane N. -----	37 25 07.2	93 43 17.9	4,075
Crossroad -----	37 25 08.0	93 43 53.3	2,657
T. 31 N., Rs. 25 and 26 W., quarter cor. between secs. 13 and 18, rd. at fences E. and W. -----	37 25 21.0	93 43 52.7	1,318
T T 82 B 1933 (previously described) -----	37 25 48.03	93 43 51.36	2,739
Highway at fence S. -----	37 25 09.1	93 44 26.7	4,876
Junction of rd. N., 110 ft. E. of junction of rd. S. -----	37 25 09.9	93 45 00.2	2,700

(Continued in Greenfield quadrangle; see line 7.)

Magnetic declination 7° 30' E.

FAIR PLAY QUADRANGLE
(Latitude 37°30'-37°45'; longitude 93°30'-93°45')

Cedar, Dade, and Polk Counties



1. FROM STOCKTON QUADRANGLE AT SEC. 14, T. 33 N., R. 26 W., SOUTH INTO ASH GROVE QUADRANGLE AT SEC. 19, T. 32 N., R. 25 W. (by W. R. Broadus in 1933)

(Continued from Stockton quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. forks -----	37 35 51.8	93 44 59.2	(2,812)
T-rd. W. on line between secs. 14 and 23, T. 33 N., R. 26 W. -----	37 35 25.6	93 44 50.9	2,724
T. 33 N., R. 26 W., E. sixteenth cor. sec. 23, T-rd. N. -----	37 34 59.5	93 44 52.0	2,646
Rd. forks -----	37 34 57.6	93 43 59.5	4,237
Rd. fork E. -----	37 34 44.0	93 43 53.7	1,452
Cane Hill, 0.4 mi. SE. of, 38 ft. S. and 60 ft. W. from E. sixteenth cor. between secs. 24 and 25, T. 33 N., R. 26 W., 19 ft. S. and 40 ft. W. from rd. forks, on Cedar-Dade county line, in concrete post; standard tablet stamped "T T 78 B 1933" -----	37 34 30.52	93 43 47.82	1,439
T. 33 N., R. 25 W., W. sixteenth cor. sec. 30, rd. corner from W.-S. -----	37 34 03.7	93 43 15.0	3,791
T. 33 N., R. 25 W., quarter cor. between secs. 30 and 31, T-rd. E. -----	37 33 37.1	93 42 59.8	2,951
T. 33 N., R. 25 W., S. quarter cor. sec. 31, point in line with rds. N. and W. at rd. forks -----	37 32 44.8	93 43 01.5	5,294
Rd. at fence S., 106 ft. E. of rd. at fence N. --	37 32 45.2	93 43 16.5	1,208

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Tps. 32 and 33 N., Rs. 25 and 26 W., cor. of, 18 ft. N. and 58 ft. E. from rd. corner, in concrete post; standard tablet stamped "T T 79 B 1933" -----	37 32 45.84	93 43 34.18	1,425
Junction of lane E. -----	37 32 18.4	93 43 36.1	2,774
T. 32 N., R. 25 W., S. sixteenth cor. on W. line sec. 6, T-rd. E. -----	37 32 05.4	93 43 36.7	1,326
T. 32 N., R. 26 W., E. cor. secs. 1 and 12, T-rd. W. -----	37 31 53.2	93 43 37.2	1,230
T. 32 N., R. 26 W., E. cor. secs. 12 and 13, T-rd. W. -----	37 31 00.7	93 43 39.5	5,315
T. 32 N., R. 26 W., E. quarter cor. sec. 13, 25 ft. N. of T-rd. E. at W. quarter cor. sec. 18, T. 32 N., R. 25 W. -----	37 30 34.6	93 43 40.5	2,640
T. 32 N., R. 25 W., W. sixteenth cor. sec. 18, stone in center of rd. at fence E. at rd. corner -----	37 30 33.5	93 43 21.8	1,510
T. 32 N., R. 25 W., quarter cor. between secs. 18 and 19, 60 ft. S. and 20 ft. E. from T-rd. S., in concrete post; standard tablet stamped "T T 80 B 1933" -----	37 30 06.53	93 43 05.99	3,010
T. 32 N., R. 25 W., quarter cor. between secs. 18 and 19, stone -----	37 30 07.1	93 43 06.2	62

(Continued in Ash Grove quadrangle; see line 4.)

2. FROM HUMANSVILLE QUADRANGLE AT SEC. 31, T. 35 N., R. 23 W., SOUTH TO SEC. 18, T. 32 N., R. 23 W. (by C. N. Ackerman in 1934)

(Continued from Humansville quadrangle; see line 3.)

Rd. forks E. and NE. -----	37 44 50.3	93 30 09.9	(3,468)
T. 35 N., R. 23 W., S. cor. secs. 31 and 32 -----	37 44 19.2	93 30 19.2	3,241
Crossroads -----	37 44 02.4	93 30 10.4	1,635
Rd. at fence E. -----	37 43 36.3	93 30 11.6	2,651
T. 34 N., R. 24 W., in NE 1/4 sec. 1, 30 ft. N. of rd., 15 ft. E. of old N.-S. rd., in concrete post; standard tablet stamped "160 C W A 1934" -----	37 43 21.79	93 30 11.96	1,468
T. 34 N., Rs. 23 and 24 W., approximate quarter cor. between secs. 1 and 6, stone at crossroads -----	37 42 43.9	93 30 13.8	3,838

(For balance in Bolivar quadrangle, see line 3.)

Rd. at fence W. -----	37 41 29.7	93 30 00.3	(3,471)
Rd. corner from W.-S. -----	37 40 57.8	93 30 01.7	3,228
Rd. at fence W. -----	37 40 45.7	93 30 02.2	1,231
T. 34 N., R. 23 W., near SW. cor. sec. 18, 25 ft. E. of N.-S. rd., 3 ft. N. of yard fence N. of dwelling, in concrete post; standard tablet stamped "161 C W A 1934" -----	37 40 20.51	93 30 03.01	2,550
Rd. at fence W. -----	37 39 51.6	93 30 04.6	2,924
Rd. at fences E. and W. -----	37 39 27.2	93 30 05.9	2,479
Rd. at fence E. -----	37 39 01.0	93 30 07.2	2,650
Crossroads -----	37 38 34.9	93 30 08.4	2,650
Rd. at fence W. -----	37 38 08.7	93 30 09.6	2,650
Tps. 33 and 34 N., Rs. 23 and 24 W., cor. of, 42 ft. N. and 30 ft. W. from T-rd. N., 175 ft. S. and 10 ft. E. from SE. corner of school, in concrete post; standard tablet stamped "162 C W A 1934" -----	37 37 42.91	93 30 11.23	2,614
State Highway 64 at rd. S. -----	37 37 02.9	93 30 12.5	4,047
T. 33 N., R. 24 W., E. cor. secs. 1 and 12, rd. at fence W., 30 ft. S. of rd. at fence E. at W. cor. secs. 6 and 7, T. 33 N., R. 23 W. -----	37 36 50.3	93 30 13.0	1,279
Rd. at fence E. -----	37 36 24.2	93 30 14.1	2,640
T-rd. N. -----	37 35 57.9	93 30 15.2	2,663
T-rd. W. -----	37 35 45.3	93 30 32.2	1,876
T-rd. E. -----	37 35 05.0	93 30 33.8	4,078
T. 33 N., R. 24 W., E. sixteenth cor. sec. 24, 25 ft. E. of T-rd. W., in concrete post; standard tablet stamped "163 C W A 1934" -----	37 34 39.84	93 30 34.74	2,548
T. 33 N., Rs. 23 and 24 W., approximate cor. secs. 19, 24, 25, and 30, rd. at fences N. and S. -----	37 34 13.3	93 30 19.6	2,945

(For balance in Bolivar quadrangle, see line 3.)

T-rd. E. -----	37 33 07.3	93 30 04.0	(1,904)
T. 33 N., Rs. 23 and 24 W., quarter cor. between secs. 31 and 36, 20 ft. S. and 30 ft. W. from rd. corner from E.-S., 8 ft. W. of fence W. of rd., in concrete post; standard tablet stamped "164 C W A 1934" -----	37 32 54.56	93 30 23.68	2,046
Rd. at fence W. -----	37 32 41.7	93 30 23.9	1,306
Rd. at fences E. and W. -----	37 32 24.2	93 30 42.0	2,286

Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	
Rd. at fences E. and W. -----	37	32	03.5	93	30	58.7	2,491
T-rd. S. -----	37	31	50.4	93	31	10.9	1,649
Walnut Creek, N. end of concrete low-water bridge over -----	37	31	32.7	93	31	18.5	1,892
T. 32 N., R. 24 W., in NE 1/4 sec. 12, 210 ft. N. and 20 ft. W. from T-rd. N., 57 ft. W. of SW. corner of dwelling, 8 ft. W. of fence, in concrete post; standard tablet stamped "165 C W A 1934" -----	37	31	21.18	93	31	08.72	1,410
T. 32 N., R. 24 W., center sec. 12, stone in rd. at fence E. -----	37	31	11.2	93	31	01.0	1,181
T-rd. N. -----	37	30	45.0	93	31	02.2	2,655
Rd. on curve at fences N. and S. -----	37	30	44.3	93	30	29.0	2,670
Rd. corner from S.-W. -----	37	30	19.3	93	30	11.6	2,899
T. 32 N., R. 23 W., in SW 1/4 sec. 18, 176 ft. N. and 475 ft. E. from T-rd. E., 97 ft. E. of SE. corner of dwelling, in concrete post; standard tablet stamped "182 C W A 1934" -----	37	30	13.33	93	30	07.76	676

3. FROM SEC. 1, T. 34 N., R. 24 W., WEST INTO STOCKTON QUADRANGLE AT SEC. 2, T. 34 N., R. 26 W. (by C. N. Ackerman in 1934)

160 C W A 1934 (previously described) -----	37	43	21.79	93	30	11.96	.....
Rd. at fence W. -----	37	43	36.8	93	30	37.8	2,573
Rd. corner from E.-N. -----	37	43	55.2	93	31	00.3	2,594
T-rd. S. -----	37	44	03.2	93	31	16.8	1,557
T-rd. W. -----	37	44	16.8	93	31	24.8	1,517
T-rd. E. -----	37	44	17.9	93	32	06.2	3,328
Rd. at fences N. and E. -----	37	43	51.5	93	32	07.1	2,670
Rd. corner from S.-W. -----	37	43	52.1	93	32	41.1	2,733
Rd. corner from E.-N. -----	37	43	52.6	93	33	13.5	2,605
T. 34 N., R. 24 W., in NE 1/4 sec. 4, 25 ft. N. of rd. corner from S.-W., 4 ft. NW. of fence corner, in concrete post; standard tablet stamped "501 C W A 1934" -----	37	44	05.87	93	33	12.82	1,347
State Highway 13 at crossroad -----	37	44	06.4	93	33	45.7	2,640
Rd. corner from E.-N. at fences S. and W. -----	37	44	07.2	93	34	18.3	2,619
Rd. corner from E.-N. -----	37	44	20.6	93	34	34.3	1,867
U.S.C. and G.S. standard disk stamped "V 22 1934" -----	37	44	27.92	93	34	56.27	1,917
T-rd. N. -----	37	44	28.0	93	35	09.5	1,062
T. 35 N., R. 24 W., S. cor. secs. 32 and 33, rd. at fence N. -----	37	44	28.9	93	35	42.8	2,681
T-rd. S., 130 ft. W. of T-rd. N. -----	37	44	29.4	93	36	00.8	1,450
T-rd. S., 100 ft. W. of rd. at fence N. -----	37	44	30.2	93	36	33.5	2,650
T. 35 N., R. 24 W., in SW 1/4 sec. 32, 45 ft. N. and 100 ft. E. from T-rd. N., 3 ft. W. of garden fence, in concrete post; standard tablet stamped "502 C W A 1934" -----	37	44	30.85	93	36	43.68	818
T-rd. S. -----	37	44	30.9	93	37	06.5	1,835
Rd. at fence S. -----	37	44	11.8	93	37	15.4	2,060
Rd. corner from E.-S. -----	37	44	12.9	93	37	40.1	1,991
T-rd. W. -----	37	44	00.0	93	37	40.4	1,306
Rd. at fence N. -----	37	44	01.0	93	38	13.7	2,679
T-rd. E. -----	37	44	02.1	93	38	46.9	2,669
T. 34 N., R. 25 W., N. cor. secs. 2 and 3, T-rd. S. -----	37	44	33.3	93	38	45.5	3,159
T. 35 N., R. 25 W., S. cor. secs. 35 and 36, T-rd. N. -----	37	44	33.8	93	39	01.4	1,283
T. 35 N., R. 25 W., W. sixteenth cor. on S. line sec. 35, 25 ft. N. and 40 ft. E. from rd. at fences N. and S., in concrete post; standard tablet stamped "503 C W A 1934" -----	37	44	35.10	93	39	50.97	3,963
Rd. at fence N. -----	37	44	35.8	93	40	25.3	2,757
T. 34 N., R. 25 W., N. cor. secs. 4 and 5, rd. at fence S. -----	37	44	36.4	93	40	57.9	2,621
T. 35 N., R. 25 W., S. cor. secs. 33 and 34, T-rd. N. -----	37	44	36.8	93	41	14.6	1,341
Rd. at fence N. -----	37	44	37.3	93	41	30.8	1,310
T-rd. S., 120 ft. E. of T-rd. N. -----	37	44	38.4	93	42	19.2	3,890
T-rd. N. -----	37	44	39.0	93	42	53.8	2,780
T. 35 N., R. 25 W., 657 ft. W. of S. quarter cor. sec. 32, 35 ft. S. and 105 ft. E. from dwelling, 33 ft. N. of rd., 3 ft. E. of garden fence, in concrete post; standard tablet stamped "504 C W A 1934" -----	37	44	39.42	93	43	01.98	655
Rd. at fence N. -----	37	44	39.8	93	43	26.6	1,976
T. 34 N., R. 26 W., N. cor. secs. 1 and 2, rd. at fence S. -----	37	44	41.4	93	44	12.0	3,650
T-rd. S. -----	37	44	42.7	93	44	45.3	2,679

(Continued in Stockton quadrangle; see line 6.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
4. FROM STOCKTON QUADRANGLE AT SEC. 23, T. 32 N., R. 26 W., EAST TO SEC. 18, T. 32 N., R. 23 W. (by C. N. Ackerman in 1934) (Continued from Stockton quadrangle; see line 5.)			
T. 32 N., R. 26 W., cor. secs. 13, 14, 23, and 24, T-rd. E. at fence W. -----	37 30 11.5	93 44 48.2	(2,660)
Rd. at fence N. -----	37 30 09.9	93 44 14.9	2,685
T. 32 N., R. 26 W., E. cor. secs. 13 and 24, T-rd. W., 75 ft. N. of T-rd. E. at W. cor. secs. 18 and 19, T. 32 N., R. 25 W. -----	37 30 08.6	93 43 41.5	2,699
T 80 B 1933 (previously described) -----	37 30 06.53	93 43 05.99	2,869
T. 32 N., R. 25 W., cor. secs. 17, 18, 19, and 20, rd. at fences N. and S. -----	37 30 06.4	93 42 33.7	2,606
Crossroads -----	37 30 05.5	93 42 00.8	2,650
Rd. at fence N. -----	37 30 04.6	93 41 28.2	2,629
Rd. corner from W.-S. at fences E. and N. -----	37 30 04.3	93 40 55.4	2,642
County Route C at fence E. -----	37 30 04.4	93 40 22.7	2,638
Dadeville, 1.2 mi. N. and 0.5 mi. E. from, quarter cor. between secs. 15 and 22, T. 32 N., R. 25 W., 20 ft. N. and 42 ft. E. from rd. corner from S.-E., on property of John Glenn, in concrete post; standard tablet stamped "578 C W A 1934" -----	37 30 03.05	93 39 49.54	2,678
T. 32 N., R. 25 W., cor. secs. 14, 15, 22, and 23, crossroads -----	37 30 02.1	93 39 17.4	2,597
Rd. at fence S. -----	37 30 01.2	93 38 44.5	2,652
Crossroads -----	37 30 00.5	93 38 11.9	2,630
Rd. on curve at fences N. and S. -----	37 30 00.5	93 37 39.6	2,600
T. 32 N., R. 25 W., S. sixteenth cor. on E. line sec. 13, T-rd. W., 100 ft. S. of T-rd. E. at S. sixteenth cor. on W. line sec. 18, T. 32 N., R. 24 W. -----	37 30 12.8	93 37 06.5	2,947
Dadeville, 1.5 mi. N. and 3.5 mi. E. from, center of SE 1/4 sec. 18, T. 32 N., R. 24 W., 176 ft. S. and 6 ft. E. from rd. corner from W.-N., on property of Roy Hagerman, in concrete post; standard tablet stamped "579 C W A 1934" -----	37 30 11.12	93 36 17.13	3,983
(For balance in Ash Grove quadrangle, see line 7.)			
Rd. corner from S.-E. -----	37 30 22.0	93 33 15.4	(2,660)
U.S.C. & G.S. standard disk stamped "E 23 1934" -----	37 30 21.57	93 32 56.31	1,543
T. 32 N., R. 24 W., quarter cor. between secs. 14 and 15, 120 ft. W. of, T-rd. W. -----	37 30 21.1	93 32 44.2	980
T-rd. E. at fence W. -----	37 30 47.2	93 32 24.5	3,075
Eudora, 2 mi. N. and 0.2 mi. E. from, 6 ft. S. and 20 ft. E. from E. sixteenth cor. between secs. 11 and 14, T. 32 N., R. 24 W., 10 ft. N. and 20 ft. E. from rd. corner from W.-S., 220 ft. SW. of SW. corner of barn on property of T. F. Thompson, in concrete post; standard tablet stamped "591 C W A 1934" -----	37 30 46.32	93 31 51.54	2,660
Little Sac River, E. bank of, 460 ft. S. and 710 ft. E. from cor. secs. 11, 12, 13, and 14, T. 32 N., R. 24 W. -----	37 30 40.8	93 31 27.0	2,050
T-rd. N. (previously described) -----	37 30 45.0	93 31 02.2	2,055
182 C W A 1934 (previously described) -----	37 30 13.33	93 30 07.76	5,425

5. FROM STOCKTON QUADRANGLE AT SEC. 11, T. 33 N., R. 26 W., EAST TO SEC. 3, T. 33 N., R. 25 W., THENCE EAST ALONG STATE HIGHWAY 64 TO SEC. 1, T. 33 N., R. 24 W., THENCE NORTHEAST ALONG ROADS TO SEC. 36, T. 34 N., R. 24 W. (by C. N. Ackerman and J. W. Fothergill in 1934)

T T 77 B 1933 (In Stockton quadrangle; see line 1.) -----	37 36 19.03	93 45 06.06	.....
T. 33 N., R. 26 W., cor. secs. 11, 12, 13, and 14, T-rd. N. at fence S. at church -----	37 36 17.8	93 44 32.2	2,730
Rd. at fence S. -----	37 36 16.3	93 43 59.5	2,630
Rd. at fence S. -----	37 36 15.2	93 43 26.8	2,636
East Fork of Sac River, E. end of bridge over -----	37 36 27.1	93 43 08.0	1,927
T-rd. S. -----	37 37 07.4	93 42 52.3	4,265
Rd. at fences N. and S., E. of Hartley's store -----	37 37 06.5	93 42 19.2	2,663
T. 33 N., R. 25 W., quarter cor. between secs. 5 and 8, 25 ft. N. and 25 ft. E. from T-rd. S., in concrete post; standard tablet stamped "131 C W A 1934" -----	37 37 06.32	93 41 46.16	2,657
T-rd. W. -----	37 37 05.5	93 41 13.8	2,607
T-rd. E., W. of Dixon's store -----	37 37 18.4	93 41 13.3	1,312
T-rd. S. -----	37 37 18.0	93 40 40.1	2,668
T. 33 N., R. 25 W., quarter cor. between secs. 3 and 4, rd. at fences N. and S. -----	37 37 30.1	93 40 06.6	2,967
T-rd. S. -----	37 37 42.0	93 39 32.7	2,972
Fair Play, 4 mi. W. of, near cor. secs. 2, 3, 34, and 35, Tps. 33 and 34 N., R. 25 W., 39 ft. N. and 42 ft. W. from intersection of State Highway 64 and County Route C, in concrete post; standard tablet stamped "132 C W A 1934" -----	37 37 54.26	93 39 00.74	2,857

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Junction of rd. S. -----	37 37 53.1	93 38 22.6	3,067
T. 33 N., R. 25 W., N. cor. secs. 1 and 2, junction of rd. S. -----	37 37 52.4	93 37 54.3	2,280
Center of bridge -----	37 37 51.7	93 37 23.6	2,470
U.S.C. & G.S. standard disk stamped "X 23 1934" -----	37 37 49.33	93 36 49.59	2,744
Junction of rd. S. -----	37 37 50.2	93 36 22.7	2,163
Junction of rd. S. -----	37 37 49.7	93 35 57.5	2,030
T. 33 N., R. 24 W., N. quarter cor. sec. 5, junction of rd. S. -----	37 37 48.5	93 35 08.3	3,960
U.S.C. & G.S. standard disk stamped "Z 22 1934" -----	37 37 56.52	93 34 26.16	3,482
Highway at fence S. -----	37 37 47.2	93 34 01.9	2,167
T. 33 N., R. 24 W., N. cor. secs. 3 and 4, high- way at fence S., 40 ft. W. of highway at fence N. at S. cor. secs. 33 and 34, T. 34 N., R. 24 W. -----	37 37 46.6	93 33 28.7	2,671
Junction of rd. S. -----	37 37 44.5	93 32 56.3	2,616
Crossroads -----	37 37 35.3	93 32 23.8	2,771
Highway at fences N. and S. -----	37 37 25.8	93 31 50.8	2,819
T. 33 N., R. 24 W., quarter cor. between secs. 1 and 2, 55 ft. S. and 91 ft. W. from N.-S. crossroad, 42 ft. S. and 15 ft. E. from SE. corner of dwelling of Oren McCrory, in concrete post; standard tablet stamped "1222 C W A 1934" -----	37 37 18.39	93 31 19.12	2,661
Junction of rd. N. -----	37 37 10.7	93 30 57.9	1,874
T. 33 N., R. 24 W., N. quarter cor. sec. 1, T-rd. S. -----	37 37 43.2	93 30 43.8	3,487
162 C W A 1934 (previously described) -----	37 37 42.91	93 30 11.23	2,616

6. FROM SEC. 33, T. 35 N., R. 24 W., NORTH ALONG ST. LOUIS-SAN FRANCISCO
RAILWAY INTO HUMANSVILLE QUADRANGLE (by J. W. Fothergill in 1934)

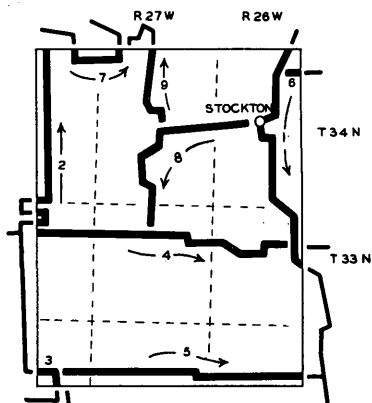
V 22 1934 (previously described) -----	37 44 27.92	93 34 56.27	.....
R.R. at hedge fence E. -----	37 44 53.8	93 34 57.3	2,617

(Continued in Humansville quadrangle; see line 6.)

Magnetic declination 7° 53' E.

STOCKTON QUADRANGLE
(Latitude 37°30'-37°45'; longitude 93°45'-94°00')

Cedar and Dade Counties



1. FROM PLEASANT VIEW QUADRANGLE SOUTHWEST ALONG COUNTY ROUTE J TO
STOCKTON, THENCE SOUTHEAST ALONG ROADS INTO FAIR PLAY QUADRANGLE
AT SEC. 14, T. 33 N., R. 26 W. (by W. R. Broadus in 1933)
(Continued from Pleasant View quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 35 N., R. 26 W., 50 ft. N. and 370 ft. E. from S. quarter cor. sec. 35, on County Route J, 0.8 mi. NE. of Sac River, 50 ft. N. and 6 ft. E. from crossroad, in concrete post; standard tablet stamped "T T 73 B 1933" -----	37 44 46.19	93 46 08.15	(4,831)
T. 35 N., R. 26 W., S. quarter cor. sec. 35 -----	37 44 45.7	93 46 12.7	372

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Sac River, center of bridge over -----	37 44 10.2	93 46 24.8	3,721
Crossroad -----	37 43 41.2	93 46 46.1	3,591
Crossroad -----	37 43 21.2	93 46 50.1	2,046
T. 34 N., R. 26 W., E. sixteenth cor. between secs. 4 and 9, rd. at fence S., 70 ft. E. of highway -----	37 42 28.5	93 46 47.1	5,339
Stockton, 0.5 mi. E. of, along State Highway 64, in S½ sec. 9, T. 34 N., R. 26 W., 40 ft. S. and 30 ft. W. from junction of County Route J, on SE. side of walk to dwelling of Robert Hartley, in concrete post; standard tablet stamped "T T 74 B 1933" -----	37 41 55.34 37 41 55.7	93 47 14.22 93 47 44.9	4,001 2,467
Stockton, SE. corner of courthouse -----			
T. 34 N., R. 26 W., quarter cor. between secs. 16 and 17, T-rd. E. -----	37 41 11.3	93 47 40.2	4,508
T. 34 N., R. 26 W., quarter cor. between secs. 15 and 16, fence corner -----	37 41 09.2	93 46 33.9	5,328
T. 34 N., R. 26 W., S. sixteenth cor. between secs. 15 and 16, T-rd. E. -----	37 40 55.9	93 46 34.6	1,343
T. 34 N., R. 26 W., 740 ft. N. of quarter cor. between secs. 21 and 22, 55 ft. S. and 85 ft. W. from SW. corner of farmhouse of Mel Preston, 28 ft. W. of rd., 10 ft. W. of N. gatepost, in rock ledge; standard tablet stamped "T T 75 B 1933" -----	37 40 23.88	93 46 36.42	3,245
T. 34 N., R. 26 W., quarter cor. between secs. 21 and 22, rd. at fences E. and W. -----	37 40 16.6	93 46 36.3	740
T. 34 N., R. 26 W., S. sixteenth cor. between secs. 27 and 28, T-rd. W. at fence E. -----	37 39 10.9	93 46 39.7	6,650
T. 34 N., R. 26 W., cor. secs. 27, 28, 33, and 34, T-rd. N. -----	37 38 57.8 37 38 57.3	93 46 40.2 93 46 23.8	1,321 1,323
Rd. corner from W.-S. -----			
T. 34 N., R. 26 W., near center of SW 1/4 sec. 34, 24 ft. S. and 42 ft. E. from rd. junction, 11 ft. E. of 15-in. hickory tree, in concrete post; standard tablet stamped "T T 76 B 1933" -----	37 38 18.07 37 38 01.0 37 37 29.6	93 46 25.06 93 45 52.3 93 45 19.3	3,967 3,152 4,133
Sac River, center of bridge over -----			
Rd. forks -----			
T. 33 N., R. 26 W., quarter cor. between secs. 2 and 11, T-rd. W. -----	37 37 11.4	93 45 03.5	2,235
T. 33 N., R. 26 W., center sec. 11, crossroads --	37 36 45.2	93 45 04.4	2,651
T. 33 N., R. 26 W., quarter cor. between secs. 11 and 14, 12 ft. N. and 33 ft. W. from cross- roads, in concrete post; standard tablet stamped "T T 77 B 1933" -----	37 36 19.03	93 45 06.06	2,653

(Continued in Fair Play quadrangle; see line 1.)

2. FROM MONTEVALLO QUADRANGLE AT SEC. 3, T. 33 N., R. 28 W., NORTH INTO
PLEASANT VIEW QUADRANGLE AT SEC. 4, T. 34 N., R. 28 W.
(by C. N. Ackerman in 1934)

(Continued from Montevallo quadrangle; see line 4.)

Jerico Springs, 0.5 mi. E. of, along County Route E, cor. secs. 3, 4, 9, and 10, T. 33 N.; R. 28 W., 32 ft. N. and 110 ft. E. from N.-S. cross- road, in concrete post; standard tablet designated "124 C W A 1934" (not stamped) -----	37 37 26.95	94 00 00.33	(2,879)
(For balance in Montevallo quadrangle, see line 3.)			
Tps. 33 and 34 N., R. 28 W., approximate cor. secs. 3, 4, 33, and 34, rd. on curve at rd. E.-	37 38 17.0	93 59 59.5	(2,578)
T-rd. W. -----	37 38 43.3	93 59 58.2	2,669
T-rd. W. -----	37 39 09.2	93 59 57.0	2,624
Rd. at stone fence E. -----	37 39 35.4	93 59 56.0	2,647
Rd. at fences E. and W. -----	37 40 02.0	93 59 55.0	2,690
T. 34 N., R. 28 W., quarter cor. between secs. 21 and 22, 22 ft. N. and 34 ft. (24 ft. by levelman) E. from crossroads, in concrete post; standard tablet stamped "125 C W A 1934" -----	37 40 28.29	93 59 53.45	2,668
T. 34 N., R. 28 W., cor. secs. 15, 16, 21, and 22, crossroads -----	37 40 54.5 37 41 20.7	93 59 52.7 93 59 51.6	2,656 2,651
Rd. at fences E. and W. -----			
Rd. at sec. line, probably cor. secs. 9, 10, 15, and 16, T. 34 N., R. 28 W. -----	37 41 45.6	93 59 50.6	2,520
Rd. at fence E. -----	37 42 13.0	93 59 49.3	2,774
Rd. at fence E. in row of trees -----	37 42 39.5	93 59 47.6	2,684
T. 34 N., R. 28 W., 0.5 mi. N. of S. cor. secs. 3 and 4, 69 ft. S. and 24 ft. E. from T-rd. E., in concrete post; standard tablet stamped "126 C W A 1934" -----	37 43 05.13 37 43 33.8	93 59 46.63 93 59 45.8	2,593 2,906
Rd. at fence W. -----	37 43 45.1	93 59 45.3	1,140
T-rd. W. -----			

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Crossroads near Sand Ridge School ----- 127 C W A 1934 (In Pleasant View quadrangle; see line 3.) -----	37 44 24.5 37 45 12.47	93 59 43.4 93 59 43.47	3,987 4,856

3. FROM GREENFIELD QUADRANGLE AT SEC. 22, T. 32 N., R. 28 W., NORTHWEST
INTO MONTEVALLO QUADRANGLE AT SEC. 15, T. 32 N., R. 28 W.
(by C. N. Ackerman in 1934)
(Continued from Greenfield quadrangle; see line 8.)

T. 32 N., R. 28 W., cor. secs. 14, 15, 22, and 23, on top of hill, 919 ft. S. and 20 ft. W. from crossroads, on property of Mrs. Rosa N. Coyne, 3 ft. W. of fence, in concrete post; standard tablet stamped "115 C W A 1934" -----	37 30 16.46 37 30 26.1	93 59 09.86 93 59 42.4	(4,412) 2,798
Rd. at fence S. -----			

(Continued in Montevallo quadrangle; see line 2.)

4. FROM SEC. 3, T. 33 N., R. 28 W., EAST ALONG COUNTY ROUTE B TO SEC. 2,
T. 33 N., R. 27 W., THENCE EAST ALONG ROADS TO SEC. 11, T. 33 N.,
R. 26 W. (by C. N. Ackerman in 1934)

124 C W A 1934 (previously described) -----	37 37 26.95	94 00 00.33	.....
Highway at fences N. and S. -----	37 37 25.9	93 59 28.8	2,539
T. 33 N., R. 28 W., cor. secs. 2, 3, 10, and 11, crossroad -----	37 37 25.2	93 58 55.8	2,660
Highway at fences N. and S. -----	37 37 24.8	93 58 23.0	2,640
Junction of rd. S. -----	37 37 24.1	93 57 50.0	2,651
Highway at fences N. and S. -----	37 37 22.9	93 57 16.6	2,691
Jerico Springs, 3.5 mi. E. of, along County Route B, cor. secs. 1, 6, 7, and 12, T. 33 N., Rs. 27 and 28 W., 33 ft. S. and 38 ft. W. from N.-S. crossroad, in top of boulder; U.S.C. & G.S. and State Survey standard tablet stamped "128 C W A 1934" -----	37 37 21.34 37 37 22.7	93 56 43.72 93 56 09.1	2,651 2,789
Highway at fence S. -----			
T. 33 N., R. 27 W., cor. secs. 5, 6, 7, and 8, junction of rd. S. -----	37 37 23.4	93 55 42.9	2,109
Highway at fence S. -----	37 37 22.8	93 55 07.9	2,819
Junction of rd. S. -----	37 37 22.1	93 54 35.1	2,641
Junction of rd. S. -----	37 37 21.6	93 54 01.9	2,670
Jerico Springs, 6.5 mi. E. of, along County Route B, cor. secs. 3, 4, 9, and 10, T. 33 N., R. 27 W., 32 ft. S. and 53 ft. W. from junction of rd. S., on property of Charles Maphies, in concrete post; standard tablet stamped "175 C W A 1934" -----	37 37 21.12 37 37 21.2	93 53 29.75 93 52 55.2	2,588 2,778
Highway at fences N. and S. -----			
T. 33 N., R. 27 W., cor. secs. 2, 3, 10, and 11, crossroad -----	37 37 21.0	93 52 21.9	2,683
Highway at fences N. and S. -----	37 37 20.6	93 51 48.3	2,699
Junction of State Highway 39 -----	37 37 18.1	93 51 14.3	2,748
State Highway 39 at crossroad -----	37 36 53.8	93 51 15.6	2,481
T. 33 N., R. 27 W., center sec. 12, 28 ft. N. and 12 ft. E. from T-rd. S., in concrete post; standard tablet stamped "129 C W A 1934" -----	37 36 53.71	93 50 42.40	2,676
T. 33 N., Rs. 26 and 27 W., approximate quarter cor. between secs. 7 and 12, crossroads -----	37 36 53.1	93 50 09.0	2,691
Rd. at culvert and fence S. -----	37 36 52.8	93 49 38.9	2,420
Rd. corner -----	37 36 52.2	93 49 11.8	2,181
Crossroads at Rowland's store -----	37 36 38.7	93 48 55.9	1,870
T-rd. E. -----	37 36 25.0	93 48 39.9	1,887
Crossroads -----	37 36 23.6	93 47 41.7	4,690
T. 33 N., R. 26 W., in SW 1/4 sec. 9, 28 ft. N. and 640 ft. E. from crossroads, in concrete post; standard tablet stamped "130 C W A 1934" -----	37 36 23.68 37 36 23.2	93 47 33.72 93 47 19.8	640 1,120
Hawker Branch, E. end of bridge over -----	37 36 21.6	93 46 44.7	2,834
T-rd. W. -----	37 36 21.6	93 46 44.7	
T-rd. S. -----	37 36 47.0	93 46 51.5	2,629
Rd. at fence N. in row of trees -----	37 36 47.1	93 46 16.9	2,790
Rd. at fence S. -----	37 36 43.6	93 45 28.6	3,900
T. 33 N., R. 26 W., center sec. 11, rd. corner from W.-S., 16 ft. S. and 25 ft. W. from rd. corner from N.-E. -----	37 36 45.2 37 36 19.03	93 45 04.6 93 45 06.06	1,942 2,646
T T 77 B 1933 (previously described) -----			

5. FROM SEC. 22, T. 32 N., R. 28 W., EAST TO SEC. 24, T. 32 N., R. 28 W.,
THENCE EAST ALONG COUNTY ROUTE E TO SEC. 23, T. 32 N., R. 27 W.,
THENCE EAST ALONG ROADS INTO FAIR PLAY QUADRANGLE AT SEC. 23, T. 32 N.,
R. 26 W. (by C. N. Ackerman in 1934)

115 C W A 1934 (previously described) -----	37 30 16.46	93 59 09.86	.....
T. 32 N., R. 28 W., cor. secs. 14, 15, 22, and 23, crossroads -----	37 30 25.6	93 59 09.2	929

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at fences N. and S. -----	37 30 24.7	93 58 36.4	2,647
Crossroad -----	37 30 23.9	93 58 03.5	2,650
Highway at fence S., 5 ft. E. of highway at fence N. -----	37 30 23.3	93 57 30.9	2,631
Neola, 4.3 mi. W. of, along County Route E, cor. secs. 13, 18, 19, and 24, T. 32 N., R. 27 and 28 W., 75 ft. S. and 175 ft. E. from junction of County Route A, in concrete post; standard tablet stamped "574 C W A 1934" -----	37 30 22.60	93 56 56.34	2,786
Highway at fences N. and S. -----	37 30 23.4	93 56 28.6	2,240
T. 32 N., R. 27 W., cor. secs. 17, 18, 19, and 20, crossroad -----	37 30 22.9	93 55 55.2	2,690
Highway at fence S. -----	37 30 22.4	93 55 22.6	2,651
Crossroad -----	37 30 22.0	93 54 50.1	2,620
Highway at fence S. -----	37 30 21.7	93 54 16.4	2,710
Junction of rd. S. -----	37 30 21.2	93 53 43.7	2,640
Highway at fences N. and S. -----	37 30 21.4	93 52 53.9	4,010
Junction of rd. S. -----	37 30 21.2	93 52 37.6	1,320
Neola, 0.4 mi. E. of cor. secs. 14, 15, 22, and 23, T. 32 N., R. 27 W., 37 ft. S. and 270 ft. W. from State Highway 39 at County Route E, in concrete post; standard tablet stamped "575 C W A 1934" -----	37 30 20.45	93 52 13.27	1,961
Rd. at fence S. -----	37 30 20.3	93 51 47.8	2,057
T-rd. W. -----	37 30 19.7	93 51 14.3	2,697
T. 32 N., R. 27 W., N. sixteenth cor. sec. 24, rd. at fence N. -----	37 30 06.4	93 50 57.9	1,886
T. 32 N., R. 26 and 27 W., N. sixteenth cor. be- tween secs. 19 and 24, stone, 10 ft. W. of T-rd. W. -----	37 30 06.2	93 50 24.4	2,699
T-rd. E. -----	37 30 19.7	93 50 23.9	1,371
Rd. at fence N. -----	37 30 19.5	93 50 15.2	708
Sons Creek, E. end of bridge over -----	37 30 18.8	93 49 32.9	3,409
Rd. at fences N. and S., 5 ft. E. of T-rd. S. ---	37 30 18.5	93 49 14.9	1,450
T. 32 N., R. 26 W., about 0.4 mi. W. of cor. secs. 16, 17, 20, and 21, 19 ft. N. and 116 ft. W. from crossroads, 43 ft. NE. of NE. corner of school, in concrete post; standard tablet stamped "576 C W A 1934" -----	37 30 17.71	93 48 36.81	3,070
Rd. at fence N. -----	37 30 16.7	93 48 07.8	2,344
Rd. corner from W.-N. -----	37 30 16.4	93 47 51.0	1,350
Rd. corner from S.-E. -----	37 30 15.5	93 47 17.5	2,700
T. 32 N., R. 26 W., cor. secs. 15, 16, 21, and 22, rd. at fences N. and S. -----	37 30 15.2	93 47 00.9	1,340
Rd. at hedge fence S. -----	37 30 14.2	93 46 27.7	2,680
T-rd. W. -----	37 30 13.1	93 45 54.2	2,699
T. 32 N., R. 26 W., quarter cor. between secs. 14 and 23, 13 ft. S. and 4 ft. W. from iron pin, 13 ft. S. and 17 ft. W. from rd. corner from W.-N., in concrete post; standard tablet stamped "577 C W A 1934" -----	37 30 12.17	93 45 21.17	2,668

(Continued in Fair Play quadrangle; see line 4.)

6. FROM FAIR PLAY QUADRANGLE AT SEC. 2, T. 34 N., R. 26 W., WEST TO SEC. 35,
T. 35 N., R. 26 W. (by C. N. Ackerman in 1934)

(Continued from Fair Play quadrangle; see line 3.)

T. 35 N., R. 26 W., S. quarter cor. sec. 36, rd. at fence N. -----	37 44 43.4	93 45 06.3	(1,690)
Rd. fork NE. -----	37 44 44.4	93 45 31.4	2,020
Rd. at fence S. -----	37 44 45.1	93 45 51.8	1,641
T T 73 B 1933 (previously described) -----	37 44 46.19	93 46 08.15	1,320

7. FROM PLEASANT VIEW QUADRANGLE AT SEC. 4, T. 34 N., R. 28 W., EAST INTO
PLEASANT VIEW QUADRANGLE AT SEC. 6, T. 34 N., R. 27 W. (by W. V. Kennedy
in 1934)

(Continued from Pleasant View quadrangle; see line 3.)

Stinking Creek, center of bridge over -----	37 44 47.2	93 59 42.0	(2,555)
Junction of dim rd. W. -----	37 43 58.1	93 59 44.6	4,981
T-rd. E. -----	37 43 53.2	93 59 44.8	4,99
Rd. at fence N. -----	37 43 45.5	93 59 13.6	2,626
T-rd. N. -----	37 43 49.2	93 58 25.2	3,906
Horse Creek, center of bridge over -----	37 43 50.7	93 58 06.8	1,485
T. 34 N., R. 28 W., S. cor. secs. 1 and 2, 1.5 mi. N. of, 31 ft. N. and 25 ft. E. from crossroads, 1 ft. N. and 10 ft. E. from fence corner, in concrete post; standard tablet stamped "405 C W A 1934" -----	37 43 57.82	93 57 32.11	2,883
T-rd. S. -----	37 43 56.9	93 56 59.6	2,615

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T-rd. W. -----	37 43 55.4	93 56 26.7	2,645
Rd. at fence W., 65 ft. S. of rd. at fence E. ---	37 44 21.6	93 56 25.4	2,660

(Continued in Pleasant View quadrangle; see line 3.)

8. FROM STOCKTON WEST ALONG STATE HIGHWAY 64 TO SEC. 12, T. 34 N., R. 27 W.,
THENCE WEST ALONG ROADS TO SEC. 10, T. 34 N., R. 27 W., THENCE SOUTH
TO SEC. 3, T. 33 N., R. 27 W. (by C. E. Wyrick in 1934)

T T 74 B 1933 (previously described) -----	37 41 55.34	93 47 14.22	.....
Center of bridge G-323 -----	37 41 58.6	93 48 00.8	3,763
U.S.C. & G.S. standard disk stamped "D 24 1934" -	37 42 06.32	93 48 43.36	3,503
Highway at fence N. -----	37 42 07.1	93 49 16.4	2,656
Junction of rd. N. -----	37 42 08.3	93 49 55.2	3,120
T. 34 N., R. 27 W., E. sixteenth cor. sec. 12, junction of rd. S. -----	37 42 08.6	93 50 12.1	1,357
U.S.C. & G.S. standard disk stamped "E 24 1934" -	37 42 10.48	93 50 43.48	2,530
Rd. at fence N. -----	37 42 10.3	93 51 02.4	1,521
T. 34 N., R. 27 W., center sec. 11, rd. at fence N. -----	37 42 10.8	93 51 35.9	2,691
Rd. at fence N. -----	37 42 11.2	93 52 09.3	2,688
T. 34 N., R. 27 W., center sec. 10, 17 ft. N. and 100 ft. W. from T-rd. S., 110 ft. W. of fence corner, 2 ft. inside fence, in concrete post; standard tablet stamped "T T 1145 W 1934" -----	37 42 11.79	93 52 43.63	2,757
T-rd. E. -----	37 41 45.2	93 52 43.3	2,687
T. 34 N., R. 27 W., center sec. 15, rd. at fence E. -----	37 41 18.7	93 52 44.0	2,681
T-rd. N. -----	37 40 52.5	93 52 45.2	2,656
Rd. at fence N. -----	37 40 52.8	93 53 18.0	2,635
Center of bridge -----	37 40 46.4	93 53 34.6	1,486
T-rd. W. -----	37 40 26.6	93 53 51.8	2,432
T. 34 N., R. 27 W., quarter cor. between secs. 21 and 28, 60 ft. SW. of concrete porch of dwell- ing on property of A. B. Whistance, 20 ft. E. of rd., 35 ft. N. of fence corner, in concrete post; standard tablet stamped "T T 1146 W 1934" -----	37 40 00.36	93 53 52.51	2,655
T. 34 N., R. 27 W., center sec. 28, limestone rock at T-rd. E. -----	37 39 33.8	93 53 53.7	2,685
Crossroads -----	37 39 33.7	93 53 20.8	2,653
T-rd. E. -----	37 39 07.3	93 53 21.7	2,670
Rd. at fence E. -----	37 38 50.8	93 53 22.2	1,671
T-rd. N. -----	37 38 14.6	93 53 23.5	3,661
175 C W A 1934 (previously described) -----	37 37 21.12	93 53 29.75	5,433

9. FROM SEC. 10, T. 34 N., R. 27 W., NORTH INTO PLEASANT VIEW QUADRANGLE
AT SEC. 4, T. 34 N., R. 27 W. (by C. E. Wyrick in 1934)

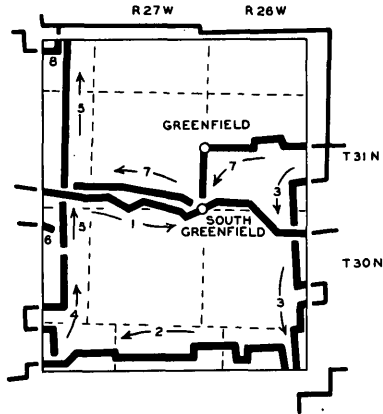
T T 1145 W 1934 (previously described) -----	37 42 11.79	93 52 43.63	.....
T-rd. N. -----	37 42 11.9	93 53 15.4	2,555
T. 34 N., R. 27 W., cor. secs. 3, 4, 9, and 10, rd. at fence W. -----	37 42 36.8	93 53 14.6	2,520
Cedar Creek, center of ford across -----	37 43 12.6	93 53 13.1	3,621
State Highway 64 at crossroad -----	37 43 44.5	93 53 12.0	3,229
T. 34 N., R. 27 W., about 0.8 mi. S. of N. cor. secs. 3 and 4, 150 ft. S. and 30 ft. E. from T-rd. W., 20 ft. S. of entrance to farm of Ed Albert, in concrete post; standard tablet stamped "T T 1147 W 1934" -----	37 44 22.43	93 53 10.10	3,843
Rd. at fence E. -----	37 44 50.3	93 53 09.5	2,815

(Continued in Pleasant View quadrangle; see line 9.)

Magnetic declination 7° 42' E.

GREENFIELD QUADRANGLE
(Latitude 37°15'-37°30'; longitude 93°45'-94°00')

Dade and Lawrence Counties



1. FROM GOLDEN CITY QUADRANGLE EAST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY
INTO ASH GROVE QUADRANGLE (by George T. Hawkins in 1900)
(Continued from Golden City quadrangle; see line 1.)

Station	Latitude			Longitude			Distance Feet
	°	'	"	°	'	"	
Lockwood sta. -----	37	23	12.8	93	57	14.4	
R.R. at line between secs. 31 and 36, T. 31 N., Rs. 27 and 28 W. -----	37	23	06.3	93	56	02.8	
Fletcher sta. -----	37	22	43.0	93	53	42.1	
South Greenfield sta. -----	37	22	30.8	93	50	21.3	
Pilgrim sta. -----	37	21	26.8	93	46	32.6	

(Continued in Ash Grove quadrangle; see line 1.)

2. FROM STOTTS CITY QUADRANGLE AT SEC. 3, T. 29 N., R. 26 W., WEST INTO
GOLDEN CITY QUADRANGLE AT SEC. 5, T. 29 N., R. 28 W. (by J. H. Wilson
in 1916)

Prim Trav Sta No 5 1916 Mo (In Stotts City quadrangle; see line 3.) -----	37	14	46.73	93	45	09.16	.....
Center of triangle at crossroads -----	37	15	52.0	93	45	07.3	6,604
Ford across creek -----	37	16	18.8	93	45	26.9	3,139
T-rd. E. at dwelling of Virgil Ruark -----	37	16	19.7	93	46	13.0	3,725
Junction of lane N. on line between secs. 4 and 5, T. 29 N., R. 26 W. -----	37	16	07.4	93	47	02.8	4,217
Junction of rd. N. at North Sycamore School -----	37	16	07.6	93	47	32.3	2,380
Mail box 12 at rd. forks -----	37	16	08.9	93	48	02.8	2,470
Mail boxes on wheel at rd. forks -----	37	15	48.8	93	48	40.5	3,661
Rd. fork W. -----	37	16	07.4	93	49	12.7	3,214
Crossroads on line between secs. 1 and 2, T. 29 N., R. 27 W. -----	37	16	09.3	93	50	13.5	4,917
Rd. corner from E.-S. and lane N. on line between secs. 2 and 3, T. 29 N., R. 27 W. -----	37	16	10.6	93	51	19.6	5,344
Rd. at fence N. on line between secs. 3 and 4, T. 29 N., R. 27 W. -----	37	15	58.4	93	52	24.1	5,358
Crossroads -----	37	15	58.7	93	52	57.0	2,665
Rd. at fences N. and S. on line between secs. 4 and 5, T. 29 N., R. 27 W. -----	37	15	59.3	93	53	29.5	2,626
Round Grove, in sec. 5, T. 29 N., R. 27 W., 200 ft. S. of store building, NE. of cross- roads; iron post stamped "Prim Trav Sta No 6 1916 Mo 1268" -----	37	15	59.75	93	54	19.24	4,024
Junction of lane N. on line between secs. 5 and 6, T. 29 N., R. 27 W. -----	37	15	59.7	93	54	36.3	1,380
Crossroads on line between secs. 1 and 6, T. 29 N., Rs. 27 and 28 W. -----	37	16	00.4	93	55	38.1	4,995
Crossroads on line between secs. 1 and 2, T. 29 N., R. 28 W. -----	37	16	01.6	93	56	44.1	5,340
T-rd. E. at schoolhouse on line between secs. 2 and 3, T. 29 N., R. 28 W. -----	37	16	03.2	93	57	49.3	5,276
Rd. at line between secs. 3 and 4, T. 29 N., R. 28 W. -----	37	15	38.6	93	58	54.4	5,820
Salem Church, 300 ft. S. of, on line between secs. 4 and 5, T. 29 N., R. 28 W., NW. of crossroads; iron post stamped "Prim Trav Sta No 7 1916 Mo 1205" -----	37	15	40.29	93	59	58.78	5,209

(Continued in Golden City quadrangle; see line 2.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet

3. FROM ASH GROVE QUADRANGLE AT SEC. 25, T. 31 N., R. 26 W., SOUTH INTO STOTTS CITY QUADRANGLE AT SEC. 3, T. 29 N., R. 26 W. (by W. R. Broadus in 1933)

(Continued from Ash Grove quadrangle; see line 4.)

T-rd. E. -----	37 23 51.4	93 45 02.8	(295)
T. 31 N., R. 26 W., quarter cor. between secs. 25 and 26, T-rd. W. -----	37 23 38.2	93 45 03.1	1,327
T. 31 N., R. 26 W., quarter cor. between secs. 35 and 36, rd. at fence E. -----	37 22 45.6	93 45 04.7	5,324
T-rd. W. -----	37 22 32.4	93 45 05.0	1,340
Tps. 30 and 31 N., R. 26 W., approximate cor. secs. 1, 2, 35, and 36, T-rd. E. -----	37 22 19.3	93 45 05.3	1,325
T. 30 N., R. 26 W., quarter cor. between secs. 1 and 2, T-rd. W. -----	37 21 54.4	93 45 06.0	2,519
T. 30 N., R. 26 W., cor. secs. 1, 2, 11, and 12, 49 ft. S. and 13 ft. W. from crossroads, in concrete post; standard tablet stamped "T T 84 B 1933" -----	37 21 27.88	93 45 06.63	2,681
T. 30 N., R. 26 W., cor. secs. 2, 3, 10, and 11, T-rd. N. -----	37 21 29.0	93 46 11.4	5,233
Pilgrim sta. (previously described) -----	37 21 26.8	93 46 32.6	1,719
T. 30 N., R. 26 W., E. sixteenth cor. sec. 11, T-rd. S. -----	37 21 02.1	93 45 22.9	2,918
St. Louis-San Francisco Ry. at rd. crossing -----	37 20 49.0	93 45 23.0	1,320
T-rd. N. -----	37 20 35.8	93 45 23.4	1,347
T. 30 N., R. 26 W., S. sixteenth cor. between secs. 13 and 14, T-rd. W. -----	37 19 56.4	93 45 07.9	4,167
T. 30 N., R. 26 W., cor. secs. 13, 14, 23, and 24, T-rd. E. -----	37 19 43.2	93 45 08.4	1,336
T. 30 N., R. 26 W., N. sixteenth cor. between secs. 23 and 24, T-rd. W. -----	37 19 30.2	93 45 08.5	1,325
T. 30 N., R. 26 W., cor. secs. 23, 24, 25, and 26, 13 ft. N. and 27 ft. W. from T-rd. W., in concrete post; standard tablet stamped "T T 85 B 1933" -----	37 18 50.84	93 45 10.08	3,979

(For balance in Ash Grove quadrangle, see line 4.)

T. 30 N., R. 26 W., quarter cor. between secs. 25 and 26, corner fence post -----	37 18 24.5	93 45 10.4	(2,149)
T. 30 N., R. 26 W., cor. secs. 25, 26, 35, and 36, rd. at fence E. -----	37 17 57.9	93 45 11.6	2,692
Rd. forks -----	37 17 45.0	93 45 44.2	2,942
Rd. at fence E. -----	37 17 32.3	93 45 39.8	1,326
Turnback Creek, center of bridge over -----	37 17 17.0	93 45 34.0	1,620
Rd. at fence N. -----	37 17 11.3	93 45 46.5	1,165
Shiloh Methodist Church, 120 ft. N. and 66 ft. E. from NW. corner of, in SE 1/4 SW 1/4 sec. 35, T. 30 N., R. 26 W., 40 ft. N. of rd., 2 ft. W. of cemetery fence, in concrete post; standard tablet stamped "T T 86 B 1933" -----	37 17 09.63	93 45 48.66	247
Rd. forks on Dade-Lawrence county line -----	37 17 05.7	93 45 53.4	554
Rd. at line between secs. 3 and 4, T. 29 N., R. 26 W. -----	37 17 02.4	93 45 55.4	369
T-rd. E. at dwelling of Virgil Ruark (previously described) -----	37 16 19.7	93 46 13.0	4,556
Olinger, 0.5 mi. S. and 4 mi. E. from, in NE 1/4 sec. 4, T. 29 N., R. 26 W., 12 ft. S. and 36 ft. W. from T-rd. W., at dwelling of F. M. Ruark; iron post stamped "1917 Mo 1118" -----	37 16 06.20	93 46 13.70	1,358
T-rd. E. (previously described) -----	37 16 19.7	93 46 13.0	.....
Rd. corner -----	37 16 18.6	93 45 20.2	4,267
T-rd. W. -----	37 15 52.1	93 45 07.6	2,867
Prim Trav Sta No 5 1916 Mo (In Stotts City quadrangle; see line 3.) -----	37 14 46.73	93 45 09.16	6,613

4. FROM SEC. 5, T. 29 N., R. 28 W., NORTH TO SEC. 14, T. 30 N., R. 28 W. (by L. O. Casselman in 1934)

Prim Trav Sta No 7 1916 Mo 1205 (previously described) -----	37 15 40.29	93 59 58.78	.....
T-rd. E. -----	37 16 06.3	93 59 57.8	2,630
T-rd. W. -----	37 16 32.3	93 59 57.1	2,631
Rd. at fences E. and W. -----	37 16 58.5	93 59 56.4	2,651
T-rd. S. on Dade-Lawrence county line -----	37 17 19.3	93 59 55.9	2,109

(For balance in Golden City quadrangle, see line 4.)

T. 30 N., R. 28 W., cor. secs. 26, 27, 34, and 35, crossroads -----	37 18 11.3	93 59 29.9	(2,660)
Rd. at fence W. -----	37 18 37.4	93 59 29.2	2,641
Crossroads -----	37 19 03.6	93 59 28.6	2,650
Rd. at fence W. -----	37 19 29.7	93 59 27.8	2,640

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Crossroads ----- Meinert, 0.2 mi. N. of, near S. sixteenth cor. between secs. 14 and 15, T. 30 N., R. 28 W., 25 ft. W. of rd., 2 ft. S. of SE. corner of Zion Lutheran Cemetery, in concrete post; stan- dard tablet stamped "111 C W A 1934" -----	37 19 55.8 37 20 09.64	93 59 27.1 93 59 26.97	2,641 1,404

5. FROM SEC. 14, T. 30 N., R. 28 W., NORTH INTO STOCKTON QUADRANGLE AT
SEC. 22, T. 32 N., R. 28 W. (by J. W. Fothergill in 1934)

111 C W A 1934 (previously described) -----	37 20 09.64	93 59 26.97	.....
Rd. at fences E. and W. -----	37 20 22.1	93 59 26.3	1,259
T. 30 N., R. 28 W., cor. secs. 10, 11, 14, and 15, crossroads -----	37 20 48.4	93 59 25.8	2,660
Rd. at fences E. and W. -----	37 21 14.7	93 59 25.2	2,660
Crossroads -----	37 21 41.1	93 59 24.5	2,670
Rd. at fences E. and W. -----	37 22 07.5	93 59 23.8	2,671
T. 30 N., R. 28 W., N. cor. secs. 2 and 3, T-rd. S., 36 ft. E. of T-rd. N. at S. cor. secs. 34 and 35, T. 31 N., R. 28 W. -----	37 22 33.1	93 59 23.0	2,591
Rd. at fence E. -----	37 22 59.5	93 59 22.7	2,670
Lockwood, 2 mi. W. of, along U.S. Highway 160, cor. secs. 26, 27, 34, and 35, T. 31 N., R. 28 W., 42 ft. S. and 522 ft. W. from N-S. cross- road, in NE. corner of front yard of Fred Eggerman, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "112 C W A 1934" -----	37 23 25.40	93 59 28.46	2,665
U.S. Highway 160 at crossroad -----	37 23 25.7	93 59 21.9	529
Rd. at fences E. and W. -----	37 23 52.0	93 59 21.0	2,658
T. 31 N., R. 28 W., cor. secs. 22, 23, 26, and 27, crossroads -----	37 24 18.2	93 59 20.0	2,650
Rd. at fence E. -----	37 25 10.6	93 59 18.2	5,309
T. 31 N., R. 28 W., cor. secs. 10, 11, 14, and 15, 745 ft. S. and 25 ft. W. from crossroads, 6 ft. S. and 2 ft. E. from front-yard gate of P. F. Hoag, in concrete post; standard tablet stamped "113 C W A 1934" -----	37 25 36.8	93 59 17.3	2,651
Crossroads -----	37 25 55.63	93 59 16.97	1,904
Rd. at fences E. and W. -----	37 26 03.0	93 59 16.4	751
Crossroads -----	37 26 29.2	93 59 15.4	2,649
Rd. at fences E. and W. -----	37 26 55.5	93 59 14.4	2,660
T. 32 N., R. 28 W., S. cor. secs. 34 and 35, T-rd. N., 234 ft. W. of T-rd. S. at N. cor. secs. 2 and 3, T. 31 N., R. 28 W. -----	37 27 21.7	93 59 13.4	2,650
Rd. at fences E. and W. -----	37 27 48.0	93 59 15.7	2,675
T. 32 N., R. 28 W., cor. secs. 26, 27, 34, and 35, 0.2 mi. S. of crossroads, 35 ft. W. of rd., in NE. corner of front yard of C. O. Sorden, in concrete post; standard tablet stamped "114 C W A 1934" -----	37 28 14.2	93 59 14.6	2,644
Crossroads -----	37 28 26.41	93 59 14.59	1,240
Rd. at fences E. and W. -----	37 28 40.4	93 59 13.6	1,418
T. 32 N., R. 28 W., quarter cor. between secs. 22 and 23, rd. at fence W. -----	37 29 06.8	93 59 12.5	2,670
115 C W A 1934 (In Stockton quadrangle; see line 3.) -----	37 29 59.3	93 59 10.4	5,311
	37 30 16.46	93 59 09.86	1,741

6. FROM SEC. 10, T. 30 N., R. 28 W., NORTHWEST INTO GOLDEN CITY QUADRANGLE
AT SEC. 10, T. 30 N., R. 28 W. (by G. H. Chapman in 1934)

Crossroads (previously described) -----	37 21 41.2	93 59 24.5	5,341
Rd. at fence -----	37 21 42.2	93 59 56.9	2,620

(Continued in Golden City quadrangle; see line 5.)

7. FROM ASH GROVE QUADRANGLE WEST ALONG U.S. HIGHWAY 160, BY WAY OF
GREENFIELD AND SOUTH GREENFIELD, TO SEC. 27, T. 31 N., R. 28 W.
(by C. N. Ackerman in 1934)

(Continued from Ash Grove quadrangle; see line 8.)

Junction of rd. S. -----	37 25 20.8	93 45 33.5	(2,904)
Junction of rd. S. -----	37 25 29.9	93 45 49.2	1,569
Greenfield, 4 mi. E. of, 45 ft. N. and 1,000 ft. W. from W. end of bridge over Turnback Creek, 30 ft. S. and 84 ft. W. from junction of rd. S., 25 ft. N. of triangular-blazed tree, in concrete post; standard tablet stamped "586 C W A 1934" -----	37 25 33.69	93 46 31.14	3,401
Junction of rd. N. at fence S. -----	37 25 38.7	93 46 55.4	2,023
T. 31 N., R. 26 W., center of NE 1/4 sec. 16, highway at fence N. -----	37 25 39.4	93 47 33.0	3,039

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Junction of lane N. -----	37 25 14.2	93 48 01.9	3,452
Greenfield, 2 mi. E. of, 38 ft. S. and 32 ft. E. from junction of rd. S., in concrete post; standard tablet stamped "587 C W A 1934" -----	37 25 12.57	93 48 17.98	1,311
Highway on curve at hedge fences N. and S. -----	37 25 13.7	93 48 51.0	2,666
Junction of rd. N. at fence S. -----	37 25 16.0	93 49 32.0	3,313
Greenfield, in NE. part of, junction of rd. N. to Dadeville -----	37 25 20.5	93 50 13.1	3,354
Greenfield, in NW. part of, 31 ft. N. and 52 ft. E. from intersection of Talburt Street E., on property of Alta Hickman, in concrete post; standard tablet stamped "588 C W A 1934" -----	37 25 09.26	93 50 43.93	2,731
Greenfield, intersection of Wells Street -----	37 24 48.9	93 50 47.4	2,073
Junction of rd. W. at hedge fence E. -----	37 24 12.2	93 50 47.8	3,710
T. 31 N., R. 27 W., E. sixteenth cor. sec. 25, junction of rd. W. -----	37 23 46.0	93 50 48.4	2,659
Greenfield, 2 mi. S. of, 221 ft. E. of W. point of junction of U.S. Highway 160, 48 ft. W. of State Highway 39 at hedge fence E., in concrete post; standard tablet stamped "589 C W A 1934" -----	37 23 19.84	93 50 49.81	2,644
South Greenfield, St. Louis-San Francisco Ry. at sta. -----	37 22 30.8	93 50 21.3	5,464
Junction of rd. S. -----	37 23 20.8	93 51 38.7	8,039
Junction of rd. N. at fence S. -----	37 23 20.8	93 52 11.9	2,680
T. 31 N., R. 27 W., cor. secs. 26, 27, 34, and 35, highway at hedge fences N. and S. -----	37 23 21.2	93 52 44.7	2,646
Junction of rd. S. -----	37 23 22.0	93 53 17.8	2,669
Lockwood, 2.8 mi. E. of, along U.S. Highway 160, E. sixteenth cor. between secs. 28 and 33, T. 31 N., R. 27 W., 32 ft. S. and 24 ft. E. from highway at rd. N., in concrete post; standard tablet stamped "590 C W A 1934" -----	37 23 22.06	93 54 07.14	3,985
Junction of rd. S. -----	37 23 22.6	93 54 23.7	1,340
T. 31 N., R. 27 W., cor. secs. 28, 29, 32, and 33, junction of rd. N. -----	37 23 23.0	93 54 56.9	2,680
Highway at fence S. -----	37 23 23.2	93 55 30.0	2,670
Crossroad -----	37 23 23.2	93 56 03.0	2,660
Highway at fence N. -----	37 23 23.5	93 56 35.9	2,660
Lockwood, 41 ft. S. and 150 ft. E. from junction of County Route A north and Main Street S., on property of M. A. Wilkerson, in concrete post; standard tablet stamped "591 C W A 1934" -----	37 23 23.28	93 57 09.03	2,672
Lockwood, St. Louis-San Francisco Ry. at sta. -----	37 23 12.8	93 57 14.4	1,146
Highway at fences N. and S. -----	37 23 24.1	93 57 43.7	2,628
T. 31 N., R. 28 W., cor. secs. 25, 26, 35, and 36, highway at fences N. and S. -----	37 23 24.6	93 58 16.4	2,641
Junction of rd. N. -----	37 23 25.2	93 58 49.1	2,641
112 C W A 1934 (previously described) -----	37 23 25.40	93 59 28.46	3,174

8. FROM GOLDEN CITY QUADRANGLE AT SEC. 22, T. 32 N., R. 28 W., EAST AND NORTH INTO STOCKTON QUADRANGLE AT SEC. 22, T. 32 N., R. 28 W. (by C. N. Ackerman in 1934)
(Continued from Golden City quadrangle; see line 3.)

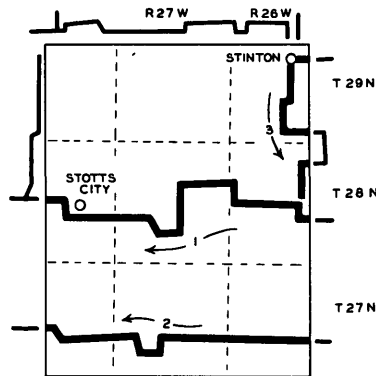
T. 32 N., R. 28 W., quarter cor. between secs. 22 and 27, rd. at fence N. -----	37 29 33.6	93 59 44.4	(2,672)
T-rd. W. -----	37 29 32.9	93 59 11.5	2,655

(Continued in Stockton quadrangle; see line 3.)

Magnetic declination 7° 31' E.

STOTTS CITY QUADRANGLE
(Latitude 37°00'-37°15'; longitude 93°45'-94°00')

Lawrence County



1. FROM HALLTOWN QUADRANGLE AT SEC. 23, T. 28 N., R. 26 W., WEST INTO SARCOXIE QUADRANGLE AT SEC. 21, T. 28 N., R. 28 W. (by J. R. Ellis in 1909)

(Continued from Halltown quadrangle; see line 3.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 28 N., R. 26 W., cor. secs. 22, 23, 26, and 27, crossroads -----	37 06 54.7	93 45 03.8	(421)
T. 28 N., R. 26 W., cor. secs. 14, 15, 22, and 23, crossroads -----	37 07 47.5	93 45 02.6	5,340
T. 28 N., R. 26 W., cor. secs. 15, 16, 21, and 22, junction of lane S. -----	37 07 48.0	93 46 07.6	5,264
T. 28 N., R. 26 W., cor. secs. 16, 17, 20, and 21, T-rd. S. -----	37 07 49.0	93 47 13.1	5,296
T. 28 N., R. 26 W., cor. secs. 17, 18, 19, and 20, crossroads -----	37 07 50.0	93 48 18.1	5,264
Mount Vernon, 1.8 mi. N. of, on line between secs. 18 and 19, T. 28 N., R. 26 W., 5 ft. S. and 15 ft. W. from T-rd. E.; iron post stamped "Prim Trav Sta No 3 1909 Mo" -----	37 07 50.51	93 49 06.31	3,903
T. 28 N., R. 27 W., E. cor. secs. 13 and 24 -----	37 07 50.2	93 49 19.9	1,069
T. 28 N., R. 27 W., cor. secs. 11, 12, 13, and 14 -----	37 08 43.7	93 50 23.7	7,489
T. 28 N., R. 27 W., cor. secs. 10, 11, 14, and 15 -----	37 08 44.8	93 51 28.7	5,271
T. 28 N., R. 27 W., cor. secs. 9, 10, 15, and 16, crossroads -----	37 08 45.6	93 52 33.2	5,214
T. 28 N., R. 27 W., cor. secs. 15, 16, 21, and 22, crossroads -----	37 07 53.0	93 52 34.8	5,331
Rd. fork SW., 5 ft. N. and 20 ft. W. from hickory tree E. of rd. -----	37 07 09.7	93 52 36.3	4,380
Big Spring Church, rd. forks just W. of -----	37 06 44.9	93 53 12.1	3,840
T. 28 N., R. 27 W., cor. secs. 19, 20, 29, and 30 -----	37 07 03.3	93 54 46.8	7,887
T. 28 N., R. 27 W., W. cor. secs. 19 and 30 -----	37 07 04.5	93 55 51.0	5,208
T. 28 N., R. 28 W., E. cor. secs. 24 and 25, rd. S. at jog -----	37 07 04.2	93 55 51.0	30
Stotts City, 1 mi. N. of, cor. secs. 23, 24, 25, and 26, T. 28 N., R. 28 W., 40 ft. N. and 63 ft. W. from crossroads; iron post stamped "Prim Trav Sta No 4 1909 Mo" -----	37 07 05.25	93 56 56.43	5,297
Crossroads -----	37 07 06.1	93 57 44.4	3,888
T. 28 N., R. 28 W., cor. secs. 21, 22, 27, and 28, crossroads near East View Church -----	37 07 08.1	93 59 05.5	6,561
T-rd. E. -----	37 07 57.9	93 59 04.1	5,027

(Continued in Sarcoux quadrangle; see line 2.)

2. FROM HALLTOWN QUADRANGLE AT SEC. 26, T. 27 N., R. 26 W., WEST INTO SARCOXIE QUADRANGLE AT SEC. 21, T. 27 N., R. 28 W. (by J. R. Ellis in 1909)

(Continued from Halltown quadrangle; see line 2.)

T. 27 N., R. 26 W., cor. secs. 22, 23, 26, and 27, crossroads -----	37 01 41.4	93 45 09.6	(4,761)
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Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 27 N., R. 26 W., cor. secs. 21, 22, 27, and 28 -----	37 01 42.1	93 46 14.9	5,296
T. 27 N., R. 26 W., cor. secs. 20, 21, 28, and 29, crossroads -----	37 01 42.8	93 47 19.8	5,272
T. 27 N., R. 26 W., cor. secs. 19, 20, 29, and 30 -----	37 01 43.4	93 48 25.4	5,320
Mount Vernon, 5.5 mi. S. of, in NW 1/4 sec. 30, T. 27 N., R. 26 W., W. of T-rd. E. near farm of Thomas Hillhouse; iron post stamped "Prim Trav Sta No 14 1909 Mo" -----	37 01 31.38	93 49 25.47	5,015
T. 27 N., R. 27 W., cor. secs. 23, 24, 25, and 26, crossroads -----	37 01 45.4	93 50 34.4	5,764
T. 27 N., R. 27 W., cor. secs. 22, 23, 26, and 27, crossroads -----	37 01 46.4	93 51 39.5	5,288
T. 27 N., R. 27 W., cor. secs. 21, 22, 27, and 28, crossroads -----	37 01 47.6	93 52 45.0	5,312
T. 27 N., R. 27 W., cor. secs. 20, 21, 28, and 29, crossroads -----	37 01 48.2	93 53 50.2	5,288
Freistatt, spire of Lutheran Church -----	37 01 07.8	93 53 50.2	4,106
T. 27 N., R. 27 W., cor. secs. 19, 20, 29, and 30, crossroads -----	37 01 49.6	93 54 55.2	6,770
Freistatt, 0.7 mi. N., thence 2 mi. W. from, 45 ft. N. and 35 ft. E. from T-rd. W. at E. cor. secs. 24 and 25, T. 27 N., R. 28 W., 15 ft. N. and 35 ft. E. from T-rd. E. at W. cor. secs. 19 and 30, T. 27 N., R. 27 W.; iron post stamped "Prim Trav Sta No 15 1909 Mo" -----	37 01 50.66	93 55 58.77	5,150
T. 27 N., R. 28 W., cor. secs. 23, 24, 25, and 26, T-rd. S. -----	37 01 51.3	93 57 04.1	5,304
T. 27 N., R. 28 W., cor. secs. 22, 23, 26, and 27, crossroads -----	37 01 52.6	93 58 09.2	5,281
T. 27 N., R. 28 W., cor. secs. 21, 22, 27, and 28, T-rd. E. -----	37 01 54.0	93 59 13.7	5,232

(Continued in Sarcoxie quadrangle; see line 3.)

3. FROM HALLTOWN QUADRANGLE AT SEC. 10, T. 29 N., R. 26 W., SOUTH TO SEC. 15, T. 28 N., R. 26 W. (by J. H. Wilson in 1916)

(Continued from Halltown quadrangle; see line 6.)

Stinton, at SW. corner of crossroads; iron post stamped "Prim Trav Sta No 5 1916 Mo" -----	37 14 46.73	93 45 09.16	(1,358)
T. 29 N., R. 26 W., quarter cor. between secs. 10 and 15, T-rd. S. -----	37 13 54.7	93 45 26.8	5,457
T. 29 N., R. 26 W., quarter cor. between secs. 15 and 22, rd. at fence E. -----	37 13 02.2	93 45 28.3	5,310
T-rd. E. -----	37 12 23.0	93 45 29.0	3,968
T-rd. E. -----	37 11 57.8	93 46 35.6	5,960
T. 29 N., R. 26 W., quarter cor. between secs. 28 and 33, crossroads -----	37 11 18.4	93 46 36.6	3,991
Crossroads -----	37 10 51.4	93 45 47.7	4,809

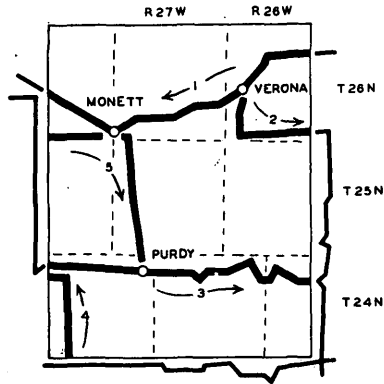
(For balance in Halltown quadrangle, see line 6.)

T. 28 N., R. 26 W., cor. secs. 2, 3, 10, and 11, curve in rd. -----	37 09 32.6	93 45 00.7	(5,257)
T. 28 N., R. 26 W., cor. secs. 10, 11, 14, and 15, crossroads -----	37 08 40.1	93 45 01.6	5,320
Crossroads (previously described) -----	37 07 47.5	93 45 02.6	5,316

Magnetic declination in 1919, 7° 30' E.

MONETT QUADRANGLE
(Latitude 36°45'-37°00'; longitude 93°45'-94°00')

Barry and Lawrence Counties



1. FROM ELSEY QUADRANGLE WEST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY INTO RITCHEY QUADRANGLE (by George T. Hawkins in 1900, rerun by J. R. Ellis in 1909)

(Continued from Elsey quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Verona, R.R. at sta. -----	36 57 49.9	93 47 51.0	
T. 26 N., R. 26 W., quarter cor. between secs. 17 and 20 -----	36 57 20.5	93 47 58.1	
T. 26 N., Rs. 26 and 27 W., approximate quarter cor. between secs. 25 and 30 -----	36 56 03.5	93 49 37.8	
Globe, R.R. at sta. -----	36 55 49.5	93 51 08.1	
Monett, R.R. at sta. -----	36 55 10.4	93 55 18.7	
T. 26 N., R. 28 W., quarter cor. between secs. 21 and 28 -----	36 56 42.3	93 59 59.3	

(Continued in Ritchey quadrangle; see line 1.)

2. FROM VERONA SOUTH AND EAST INTO ELSEY QUADRANGLE AT SEC. 26, T. 26 N., R. 26 W. (by J. R. Ellis in 1909)

Verona, R.R. at sta. (previously described) -----	36 57 49.9	93 47 51.0	.....
St. Louis-San Francisco Ry. at rd. crossing, 1,700 ft. SW. of milepost 275 -----	36 56 44.0	93 48 37.8	7,663
T. 26 N., R. 26 W., cor. secs. 29, 30, 31, and 32, 20 ft. N. of crossroads on Barry-Lawrence county line -----	36 55 36.4	93 48 35.8	6,839
T. 26 N., R. 26 W., cor. secs. 28, 29, 32, and 33, 20 ft. N. of T-rd. S. on Barry-Lawrence county line -----	36 55 35.5	93 47 30.7	5,286
T. 26 N., R. 26 W., cor. secs. 27, 28, 33, and 34, 10 ft. N. of crossroads -----	36 55 34.6	93 46 25.5	5,294
T. 26 N., R. 26 W., cor. secs. 26, 27, 34, and 35, crossroads -----	36 55 33.8	93 45 19.9	5,327

(Continued in Elsey quadrangle; see line 2.)

3. FROM RITCHEY QUADRANGLE EAST ALONG COUNTY ROUTE B TO PURDY, THENCE EAST ALONG COUNTY ROUTE C TO SEC. 2, T. 24 N., R. 27 W., THENCE EAST ALONG ROADS INTO ELSEY QUADRANGLE AT SEC. 9, T. 24 N., R. 26 W. (by C. N. Ackerman in 1935)

(Continued from Ritchey quadrangle; see line 6.)

T. 24 N., R. 28 W., cor. secs. 5, 6, 7, and 8, junction of rd. S. -----	36 49 01.2	93 59 06.8	(5,101)
Purdy, 2.5 mi. W. of, along County Route B, 30 ft. S. and 65 ft. E. from crossroad, at NW. corner of small grove of oak trees, in concrete post; standard tablet stamped "1367 E R A 1935" -----	36 48 59.90	93 58 02.20	5,258
T. 24 N., R. 28 W., cor. secs. 3, 4, 9, and 10, crossroad -----	36 48 59.2	93 56 58.5	5,180
Crossroad -----	36 48 58.2	93 55 55.2	5,151

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Purdy, 30 ft. S. and 30 ft. W. from junction of State Highway 37 and County Routes B and C, at NE. corner of England's lawn, in concrete post; standard tablet stamped "1368 E R A 1935"	36 48 57.48	93 55 22.94	2,622
T. 24 N., R. 28 W., quarter cor. between secs. 1 and 12, crossroad -----	36 48 56.9	93 54 17.9	5,290
T. 24 N., R. 27 and 28 W., approximate cor. secs. 1, 6, 7, and 12, junction of rd. S. -----	36 48 56.7	93 53 45.8	2,610
Crossroad -----	36 48 55.1	93 52 42.4	5,159
Purdy, 3 mi. E. of, along County Route C, 15 ft. N. and 24 ft. E. from junction of rd. N., at SW. corner of garden of Bill Smith, in concrete post; standard tablet stamped "1369 E R A 1935"	36 48 54.46	93 52 09.76	2,652
T. 24 N., R. 27 W., quarter cor. between secs. 4 and 5, crossroad -----	36 49 19.3	93 51 36.9	3,669
Crossroad -----	36 48 53.2	93 50 49.5	4,668
Junction of lane N. -----	36 48 49.2	93 50 17.4	2,641
Purdy, 5.2 mi. E. of, along County Route C, 150 ft. S. and 330 ft. E. from highway at fences S. and E., 27 ft. N. and 21 ft. E. from blazed 8-in. oak tree, 6 ft. S. and 36 ft. E. from blazed 10-in. oak tree, in concrete post; standard tablet stamped "1370 E R A 1935" -----	36 48 50.77	93 49 41.08	2,960
Highway at fences N. and S. -----	36 49 02.0	93 48 56.2	3,825
T. 24 N., R. 27 W., N. sixteenth cor. between secs. 11 and 12, rd. at fences E. and W. -----	36 48 35.7	93 48 24.5	3,701
Cedar Bluff School, 0.5 mi. N. of, near center sec. 12, T. 24 N., R. 27 W., 40 ft. NW. of rd. junction, N. of rd. W., 1 ft. S. of fence, in concrete post; standard tablet stamped "W 1923" -----	36 48 21.43	93 47 56.12	2,720
Big Flat Creek, rd. at S. bank of -----	36 48 53.4	93 47 38.3	3,548
Little Flat Creek, W. end of bridge over -----	36 49 07.0	93 47 15.3	2,321
Rd. forks SE. and SW. -----	36 48 40.8	93 46 55.8	3,087
McDowell, 0.5 mi. S. and 1.5 mi. E. from, cor. secs. 5, 6, 7, and 8, T. 24 N., R. 26 W., 18 ft. N. and 24 ft. E. from T-rd. N., 30 ft. N. and 24 ft. E. from blazed 24-in. oak tree, in concrete post; standard tablet stamped "1371 E R A 1935" -----	36 48 47.95	93 46 14.16	3,461
Big Flat Creek, W. end of bridge over -----	36 48 46.7	93 45 55.5	1,525
Rd. at fences E. and W. -----	36 48 35.8	93 45 15.2	3,451
Prim Trav Sta No 3 L S 1923 Mo W (In Elsey quadrangle; see line 3.) -----	36 47 52.72	93 44 23.75	6,046

4. FROM CASSVILLE QUADRANGLE AT SEC. 31, T. 24 N., R. 28 W., NORTH TO SEC. 7, T. 24 N., R. 28 W., THENCE WEST ALONG COUNTY ROUTE B INTO RITCHEY QUADRANGLE (by C. N. Ackerman in 1935)

T T 47 C 1934 (In Cassville quadrangle; see line 7.) -----	36 44 42.17	93 59 16.97	.....
T-rd. S. -----	36 45 20.8	93 59 16.0	3,906
T-rd. E. -----	36 45 59.6	93 59 14.3	3,926
T. 24 N., R. 28 W., quarter cor. between secs. 19 and 20, crossroads -----	36 46 51.6	93 59 12.1	5,260
Purdy, 2 mi. S. and 3.5 mi. W. from, cor. secs. 17, 18, 19, and 20, T. 24 N., R. 28 W., 48 ft. S. and 21 ft. E. from crossroads, in NW. corner of yard of W. L. Decoeg, in concrete post; standard tablet stamped "1372 E R A 1935" -----	36 47 17.17	93 59 10.88	2,587
T. 24 N., R. 28 W., cor. secs. 7, 8, 17, and 18, T-rd. W. at fence E. on N. side of rd. E. -----	36 48 09.6	93 59 09.0	5,298
T. 24 N., R. 28 W., cor. secs. 5, 6, 7, and 8, junction of rd. S. -----	36 49 01.2	93 59 06.9	5,230
1366 E R A 1935 (In Ritchey quadrangle; see line 6.) -----	36 49 04.47	94 00 36.99	7,336

5. FROM RITCHEY QUADRANGLE EAST ALONG U.S. HIGHWAY 60 TO MONETT, THENCE SOUTH ALONG STATE HIGHWAY 37 TO PURDY (fourth-order traverse by State Highway Department in 1934)

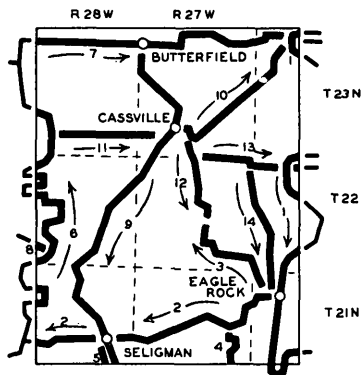
1374 E R A 1935 (In Ritchey quadrangle; see line 7.) -----	36 54 58.59	94 00 31.16	.....
Highway at fences N. and S. near quarter cor. between secs. 4 and 33, Tps. 25 and 26 N., R. 28 W. -----	36 54 57.3	93 59 59.4	2,578
T. 25 N., R. 28 W., N. cor. secs. 3 and 4, junction of rd. S. -----	36 54 56.6	93 59 27.0	2,632
T. 26 N., R. 28 W., S. quarter cor. sec. 34, highway at fence N. -----	36 54 55.7	93 58 53.8	2,698
T. 25 N., R. 28 W., N. cor. secs. 2 and 3, junction of rd. S. -----	36 54 55.1	93 58 22.1	2,568
T. 25 N., R. 28 W., N. quarter cor. sec. 2, highway at fence S. -----	36 54 54.3	93 57 49.4	2,660
T. 25 N., R. 28 W., N. cor. secs. 1 and 2, junction of rd. S. -----	36 54 53.4	93 57 16.7	2,654

Station	Latitude	Longitude	Distance
Highway at concrete culvert -----	36 54 54.9	93 56 42.8	2,752
Crossroad -----	36 54 51.8	93 56 10.7	2,627
Monett, in SW. part of, junction of State Highway 37 -----	36 54 51.3	93 55 44.7	2,109
T. 25 N., R. 27 W., approximate center sec. 6, highway at fences E. and W. -----	36 54 25.4	93 55 39.4	2,652
Highway at fences E. and W., 78 ft. E. of quarter cor. between secs. 6 and 7, T. 25 N., R. 27 W. -----	36 53 59.0	93 55 30.8	2,761
T. 25 N., R. 27 W., quarter cor. between secs. 7 and 8, highway at fences E. and W. -----	36 53 32.4	93 55 12.4	3,077
T. 25 N., R. 27 W., cor. secs. 7, 8, 17, and 18, crossroad -----	36 53 06.0	93 55 09.4	2,676
Junction of rd. E. -----	36 52 39.8	93 55 10.2	2,658
T. 25 N., R. 27 W., cor. secs. 17, 18, 19, and 20, crossroad -----	36 52 13.6	93 55 11.0	2,655
T. 25 N., R. 27 W., quarter cor. between secs. 19 and 20, highway at fence W. -----	36 51 47.3	93 55 11.8	2,656
T. 25 N., R. 27 W., cor. secs. 19, 20, 29, and 30, junction of rd. E. -----	36 51 21.0	93 55 12.5	2,667
Highway at culvert -----	36 50 52.5	93 55 13.4	2,880
T. 25 N., R. 27 W., cor. secs. 29, 30, 31, and 32, junction of rd. W. -----	36 50 28.5	93 55 14.5	2,428
T. 25 N., R. 27 W., quarter cor. between secs. 31 and 32, highway at fence W. -----	36 50 02.2	93 55 14.8	2,657
T. 25 N., R. 27 W., S. cor. secs. 31 and 32, crossroad -----	36 49 36.1	93 55 16.0	2,648
Purdy, street intersection -----	36 49 10.3	93 55 22.0	2,652
1368 E R A 1935 (previously described) -----	36 48 57.48	93 55 22.94	1,302

Magnetic declination 7° 29' E.

CASSVILLE QUADRANGLE
(Latitude 36°30'-36°45'; longitude 93°45'-94°00')

Barry County



1. FROM SHELL KNOB QUADRANGLE AT SEC. 33, T. 24 N., R. 26 W., SOUTH AND EAST INTO SHELL KNOB QUADRANGLE AT SEC. 28, T. 21 N., R. 26 W., INCLUDING THAT PART OF THE LINE IN EUREKA SPRINGS NO. 2 QUADRANGLE (by J. L. Sanders in 1923)

(Continued from Elsey quadrangle; see line 3.)

T-rd. S. -----	36 44 51.1	93 45 22.6	(3,305)
T. 24 N., R. 26 W., in SW 1/4 sec. 33, 320 ft. S. of rd. forks, 100 ft. S. of dwelling of Richard Walters, E. of rd., in concrete post; standard tablet stamped "Prim Trav Sta No 4 L S 1923 Mo" -----	36 44 35.85	93 45 12.26	1,755
Tps. 23 and 24 N., R. 26 W., approximate cor. -----	36 44 24.8	93 45 18.6	1,233
secs. 4, 5, 32, and 33 -----	36 43 38.7	93 45 05.0	4,784
Tall stone chimney -----			

(For balance in Shell Knob quadrangle, see line 1.)

T. 22 N., R. 26 W., in NW 1/4 sec. 4, 20 ft. S. and 30 ft. E. from rd. forks, 100 ft. W. of NW. corner of dwelling of C. E. Peacock, 4 ft. E. of oak tree E. of gate, in fence corner, in concrete post; standard tablet stamped "Prim Trav Sta No 6 L S 1923 Mo" -----	36 38 52.99	93 45 11.50	(2,046)
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Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Large oak tree W. of rd. -----	36 38 07.5	93 45 26.5	4,782
Rd. forks -----	36 37 34.3	93 45 09.8	3,620
Rd. forks near Accident School -----	36 37 29.0	93 45 09.0	537

(For balance in Shell Knob quadrangle, see line 1.)

T. 22 N., R. 26 W., cor. secs. 20, 21, 28, and 29, stone -----	36 35 44.4	93 45 37.1	(3,499)
Eagle Rock, 3.8 mi. N. of, in SE 1/4 sec. 20, T. 22 N., R. 26 W., 20 ft. W. of County Route P, 150 ft. N. of dim rd. E. at crossroad, in concrete post; standard tablet stamped "Prim Trav Sta No 7 L S 1923 Mo" -----	36 35 54.02	93 45 53.18	1,619
Rd. at line between secs. 20 and 29, T. 22 N., R. 26 W. -----	36 35 45.4	93 45 52.7	882
Rd. forks -----	36 35 06.9	93 46 01.5	3,960
Rd. forks -----	36 35 02.9	93 45 56.6	570
Rd. forks -----	36 34 45.7	93 45 36.1	2,416
Rd. forks -----	36 34 32.0	93 45 22.4	1,777
Tps. 21 and 22 N., R. 26 W., approximate cor. secs. 4, 5, 32, and 33 -----	36 34 01.8	93 45 41.0	3,411
T-rd. E. -----	36 33 52.3	93 45 41.0	957
Roaring River, center of ford across Eagle Rock, at post office, 5 ft. W. of door, in concrete sidewalk; standard tablet stamped "Prim Trav Sta No 8 L S 1923 Mo" -----	36 33 04.6	93 45 27.0	4,956
Rd. forks -----	36 32 58.87	93 45 27.25	582
Ford across stream -----	36 32 58.1	93 45 22.5	393
Rd. forks -----	36 32 41.2	93 45 15.2	1,833
Rd. forks -----	36 32 30.4	93 45 05.4	1,353
Rd. forks -----	36 32 18.5	93 45 08.1	1,223
T. 21 N., R. 26 W., center sec. 16, stone at rd. forks -----	36 31 50.0	93 45 12.8	2,904
T. 21 N., R. 26 W., quarter cor. between secs. 16 and 17, stone -----	36 31 51.0	93 45 45.0	2,627
T-rd. W. -----	36 31 48.4	93 45 44.9	263
Crossroads, 200 ft. E. of cor. secs. 16, 17, 20, and 21, T. 21 N., R. 26 W. -----	36 31 24.8	93 45 43.7	2,388
T. 21 N., R. 26 W., cor. secs. 20, 21, 28, and 29 -----	36 30 32.1	93 45 48.1	5,344
Rd. forks -----	36 29 58.4	93 45 35.6	3,558
Rd. at Ark.-Mo. State line -----	36 29 56.1	93 45 34.4	250
White River, center of ford across -----	36 29 39.2	93 45 19.3	2,112
Rd. at Ark.-Mo. State line -----	36 29 57.0	93 45 07.1	2,063
Haddock Creek, center of -----	36 30 05.9	93 45 06.3	700

(Continued in Shell Knob quadrangle; see line 2.)

2. FROM EAGLE ROCK WEST TO SEC. 16, T. 21 N., R. 27 W., THENCE WEST ALONG MISSOURI AND NORTH ARKANSAS RAILWAY TO SELIGMAN, THENCE WEST ALONG ROADS INTO MOUNTAIN QUADRANGLE AT SEC. 30, T. 21 N., R. 28 W. (by L. A. Cassil in 1934)

Prim Trav Sta No 8 L S 1923 Mo (previously described) -----	36 32 58.87	93 45 27.25	.....
T-rd. S. -----	36 33 14.7	93 45 49.8	2,440
Roaring River, center of low-water bridge over -- Rd. corner from N.-W. -----	36 33 16.7	93 46 10.7	1,710
Rd. at fences N. and S., 35 ft. N. of stone at E. sixteenth cor. sec. 7, T. 21 N., R. 26 W. -----	36 32 45.6	93 46 46.1	4,220
Eagle Rock, 2.4 mi. W. of, near center sec. 7, T. 21 N., R. 26 W., 47 ft. S. and 18 ft. W. from junction of rd. S. to Seligman, 124 ft. E. of large walnut tree, in concrete post; standard tablet stamped "T T 29 C 1934" -----	36 32 46.35	93 47 19.28	1,200
T. 21 N., R. 26 W., W. cor. secs. 7 and 18, T-rd. E., 90 ft. S. of iron pipe at E. cor. secs. 12 and 13, T. 21 N., R. 27 W. -----	36 32 20.4	93 47 49.2	3,590
Rd. at triangular-blazed 10-in. hickory tree -----	36 32 14.6	93 48 23.6	2,865
Junction of dim trail E. -----	36 31 52.3	93 48 24.6	2,260
Junction of dim rd. S. -----	36 31 36.7	93 48 55.7	2,990
Eagle Rock, 5.6 mi. SW. of, in SW 1/4 SE 1/4 sec. 14, T. 21 N., R. 27 W., 30 ft. E. of rd. S. to Radium Springs, 25 ft. S. of rd. E., 160 ft. N. of fence E., in concrete post; standard tablet stamped "T T 32 C 1934" -----	36 31 33.93	93 49 21.39	2,120
Rd. fork S. -----	36 31 44.4	93 49 49.9	2,550
Junction of dim rd. NW. -----	36 31 52.0	93 50 08.8	1,730
Rd. at triangular-blazed 20-in. black-oak tree -- Seligman, 5.1 mi. E. of, in NE 1/4 SW 1/4 sec. 16, T. 21 N., R. 27 W., 61 ft. N. of R.R. at rd. crossing, 23 ft. E. of rd. NE. to Eagle Rock, in concrete post; standard tablet stamped "T T 34 C 1934" -----	36 32 03.0	93 50 59.3	4,270
R.R. at milepost 66 -----	36 31 52.12	93 51 43.83	3,800
R.R. at rd. crossing -----	36 32 03.7	93 52 01.0	1,830
	36 32 14.8	93 52 17.6	1,760

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
R.R. at milepost 65 -----	36 32 06.2	93 52 35.2	1,680
U.S.C. & G.S. standard disk stamped "H 9 1930" -	36 31 48.93	93 52 46.38	1,970
R.R. at line between secs. 17 and 20, T. 21 N., R. 27 W., 130 ft. E. of stone at W. sixteenth cor. -----	36 31 36.6	93 52 54.8	1,430
R.R. at rd. crossing -----	36 31 21.8	93 53 36.8	3,740
Seligman, 2.2 mi. E. of, in SE 1/4 NW 1/4 sec. 19, T. 21 N., R. 27 W., 15 ft. S. of main track, 122 ft. N. of rd., 143 ft. W. of water tank, 5 ft. E. of signpost marked "Pender", in concrete post; standard tablet stamped "T T 35 C 1934" -----	36 31 12.39	93 54 02.25	2,290
R.R. at rd. crossing -----	36 31 12.2	93 54 38.5	2,960
R.R. at telegraph pole 62.15 -----	36 31 13.6	93 55 07.9	2,400
Center of trestle 61.9 over rd. -----	36 31 11.4	93 55 44.2	2,970
R.R. at yard limit signpost -----	36 31 14.8	93 56 02.1	1,500
Seligman, 100 ft. W. of State Highway 37, under S. side of St. Louis-San Francisco Ry. water tank, in concrete post; standard tablet stamped "T T 36 C 1934" -----	36 31 20.74	93 56 22.33	1,760
Rd. fork NW. -----	36 31 15.8	93 56 44.2	1,860
Center of bridge -----	36 31 12.2	93 56 58.8	1,245
Rd. at triangular-blazed 15-in. elm tree -----	36 31 12.6	93 57 35.5	2,840
Rd. fork SW. -----	36 31 08.7	93 58 13.0	3,250
Seligman, 2.4 mi. W. of, along Mayflower-Seligman rd., in NW 1/4 SW 1/4 sec. 21, T. 21 N., R. 28 W., 18 ft. N. and 24 ft. E. from NE. corner of bridge, 29 ft. N. of rd., 45 ft. S. and 12 ft. W. from SW. corner of Taylor dwelling, in concrete post; standard tablet stamped "T T 38 C 1934" -----	36 31 08.85	93 58 32.30	1,570
Rd. at low rock wall S. -----	36 31 01.9	93 59 11.3	3,260
Rd. at triangular-blazed tree -----	36 30 54.3	93 59 35.1	2,100

(Continued in Mountain quadrangle; see line 1.)

3. FROM SEC. 7, T. 21 N., R. 26 W., NORTHWEST TO SEC. 27, T. 22 N., R. 27 W.
(single-run unchecked spur line by L. A. Cassil in 1934)

T T 29 C 1934 (previously described) -----	36 32 46.35	93 47 19.28	.....
T. 21 N., R. 26 W., quarter cor. between secs. 6 & 7, rd. at fences E. and W. -----	36 33 12.4	93 47 18.8	2,630
Roaring River, N. end of corduroy, low-water bridge over -----	36 33 22.0	93 47 16.2	990
Rd. at fence N. -----	36 33 39.3	93 47 34.8	2,310
Center of small wooden bridge -----	36 34 15.7	93 48 02.0	4,300
Eagle Rock, 5.1 mi. NW. of, in NW 1/4 SE 1/4 sec. 36, T. 22 N., R. 27 W., 2.7 mi. E. of State Highway 112, 24 ft. S. of T-rd. N., 6 ft. S. of triangular-blazed 8-in. cedar tree, in concrete post; standard tablet stamped "T T 30 C 1934" -----	36 34 27.70	93 48 03.66	1,220
T. 22 N., R. 27 W., center sec. 36, stone on E. boundary of Roaring River State Park, 15 ft. N. and 30 ft. W. from T-rd. N. -----	36 34 32.5	93 48 17.8	1,250
Rd. at fences N. and S. -----	36 34 34.3	93 48 49.6	2,600
Rd. fork N. -----	36 34 37.9	93 49 23.0	2,740
Roaring River, center of new concrete bridge over Cassville, 7.7 mi. SE. of, in Roaring River State Park, at junction of rd. N. to spring, 165 ft. S. and 85 ft. W. from W. wing wall of flume across Roaring River, 95 ft. E. of guardrail, in line with highway, 8 ft. W. of triangular- blazed 30-in. catalpa tree, in concrete post; standard tablet stamped "T T 31 C 1934" -----	36 34 52.2	93 50 01.1	3,430
	36 35 09.75	93 50 12.68	2,010

4. FROM SEC. 14, T. 21 N., R. 27 W., SOUTH TO SEC. 26, T. 21 N., R. 27 W.,
INCLUDING THAT PART OF THE LINE IN EUREKA SPRINGS NO. 2 QUADRANGLE
(single-run unchecked spur line by L. A. Cassil in 1934)

T T 32 C 1934 (previously described) -----	36 31 33.93	93 49 21.39	.....
Rd. fork SE. -----	36 31 14.7	93 49 26.3	1,980
Triangular-blazed 30-in. white-oak tree near trail -----	36 30 59.8	93 49 35.6	1,690
Junction of dim rd. N. -----	36 30 38.0	93 49 25.0	2,370
Rd. at triangular-blazed 24-in. black-oak tree --	36 30 23.5	93 49 53.7	2,760
Rd. fork NW. -----	36 30 04.5	93 49 55.5	1,930
Eagle Rock, 8.6 mi. SW. of, near S. cor. secs. 26 and 27, T. 21 N., R. 27 W., on Ark.-Mo. State line, 0.2 mi. N. of Beaver-Seligman rd. along Radium Springs trail, 25 ft. E. of trail, in concrete post; standard tablet stamped "T T 33 C 1934" -----	36 29 56.45	93 50 00.97	930

Station	Latitude	Longitude	Distance
	" ' "	" ' "	Feet
5. FROM SELIGMAN SOUTH ALONG STATE HIGHWAY 37 TO ARKANSAS-MISSOURI STATE LINE, INCLUDING THAT PART OF THE LINE IN EUREKA SPRINGS NO. 2 QUADRANGLE (single-run unchecked spur line by L. A. Cassil in 1934)			
T T 36 C 1934 (previously described) -----	36 31 20.74	93 56 22.33	.....
Highway at fence on line between secs. 23 and 26, T. 21 N., R. 28 W. -----	36 30 48.6	93 56 10.4	3,390
Center of large concrete culvert near culvert under St. Louis-San Francisco Ry. -----	36 30 20.7	93 55 58.4	2,990
Seligman, 1.7 mi. S. of, on approximate Ark.-Mo. State line, 37 ft. E. of highway, in concrete post; standard tablet stamped "T T 37 C 1934" -	36 29 55.27	93 55 53.87	2,590

6. FROM MOUNTAIN QUADRANGLE AT SEC. 18, T. 21 N., R. 28 W., NORTH INTO MOUNTAIN QUADRANGLE AT SEC. 30, T. 23 N., R. 28 W. (by L. A. Cassil in 1934)

(Continued from Mountain quadrangle; see line 1.)

Rd. at fences E. and W. -----	36 32 26.1	93 59 56.0	(2,280)
Center of triangle at rd. forks -----	36 32 44.1	93 59 49.4	1,890
(For balance in Mountain quadrangle, see line 1.)			
Greasy Creek, ford across -----	36 34 41.9	93 59 32.4	(4,270)
Washburn, 1 mi. W. of, in SE 1/4 SW 1/4 sec. 29, T. 22 N., R. 28 W., 30 ft. N. of T-rd. S., at edge of yard, in concrete post; standard tablet stamped "T T 41 C 1934" -----	36 35 14.67	93 59 12.93	3,680
Junction of private lane E. -----	36 35 28.0	93 59 30.3	1,960
Rd. at triangular-painted fence post, 85 ft. S. of stone at cor. secs. 19, 20, 29, and 30, T. 22 N., R. 28 W. -----	36 36 06.0	93 59 32.5	3,852
T. 22 N., R. 28 W., quarter cor. between secs. 20 and 29, T-rd. N. -----	36 36 06.3	93 59 00.3	2,630
Junction of lane W. at fence E. -----	36 36 32.2	93 58 59.5	2,630
Washburn, 1 mi. W., thence 3.2 mi. N. from, 23 ft. N. of stone at N. sixteenth cor. sec. 20, T. 22 N., R. 28 W., 25 ft. N. of T-rd. S., in corner of field, in concrete post; standard tablet stamped "T T 42 C 1934" -----	36 36 45.38	93 58 59.09	1,330
Rd. corner from S.-W. -----	36 36 57.8	93 58 42.7	1,830
Center of triangle at rd. fork E. -----	36 37 11.2	93 58 48.4	1,430
Rd. corner from E.-N. at private rd. W. -----	36 37 11.7	93 59 30.4	3,430
Junction of private rd. NW. -----	36 37 50.8	93 59 44.0	4,100

(For balance in Mountain quadrangle, see line 1.)

Washburn, 1 mi. W., thence 6.6 mi. N. from, 2.5 mi. S. of State Highway 44 (now State Highway 86), in NE 1/4 sec. 7, T. 22 N., R. 28 W., 18 ft. S. and 13 ft. E. from T-rd. SE., in concrete post; standard tablet stamped "T T 43 C 1934" -----	36 38 27.72	93 59 42.95	(2,400)
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(For balance in Mountain quadrangle, see line 1.)

T-rd. S. -----	36 39 13.4	93 59 58.8	(2,070)
T. 22 N., R. 28 W., N. cor. secs. 5 and 6, rd. at fence W., 75 ft. E. of S. cor. secs. 31 and 32, T. 23 N., R. 28 W. -----	36 39 31.6	93 59 25.8	3,260
Exeter, 3.1 mi. W. of, in SE 1/4 NE 1/4 sec. 31, T. 23 N., R. 28 W., in top of S. side of E. abutment of Missouri and North Arkansas Ry. bridge over highway; standard tablet stamped "T T 44 C 1934" -----	36 40 08.69	93 59 32.50	3,790
Missouri and North Arkansas Ry. at milepost 48 --	36 40 43.6	93 59 55.1	3,980

(Continued in Mountain quadrangle; see line 1.)

7. FROM MOUNTAIN QUADRANGLE AT SEC. 31, T. 24 N., R. 28 W., EAST TO SEC. 33, T. 24 N., R. 26 W. (by L. A. Cassil in 1934)

(Continued from Mountain quadrangle; see line 1.)

T-rd. S. -----	36 44 42.5	93 59 48.0	(2,620)
Butterfield, 4.4 mi. W. of, S. cor. secs. 31 and 32, T. 24 N., R. 28 W., 28 ft. N. and 22 ft. E. from T-rd. N., in corner of field, in concrete post; standard tablet stamped "T T 47 C 1934" -----	36 44 42.17	93 59 16.97	2,530
T. 23 N., R. 28 W., N. quarter cor. sec. 5, T-rd. S. -----	36 44 41.2	93 58 43.6	2,720
T-rd. S. -----	36 44 40.5	93 58 06.7	3,000
T-rd. S. -----	36 44 40.0	93 57 39.3	2,240
T. 23 N., R. 28 W., N. cor. secs. 3 and 4, junction of private drive S. -----	36 44 39.3	93 57 06.3	2,690

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Butterfield, 1.8 mi. W. of, E. sixteenth cor. on N. line sec. 3, T. 23 N., R. 28 W., 21 ft. S. and 24 ft. E. from crossroads, in corner of field, in concrete post; standard tablet stamped "T T 48 C 1934" -----	36 44 38.28	93 56 19.35	3,820
Tps. 23 and 24 N., R. 28 W., approximate cor. secs. 2, 3, 34, and 35, rd. at fences N. and S. -----	36 44 38.2	93 56 03.4	1,300
Crossroads -----	36 44 37.9	93 55 40.4	1,875
Crossroads -----	36 44 37.3	93 54 58.7	3,390
State Highway 37 at crossroad -----	36 44 36.9	93 54 26.6	2,620
St. Louis-San Francisco Ry. at rd. crossing -----	36 44 36.8	93 54 17.2	765
Tps. 23 and 24 N., Rs. 27 and 28 W., cor. of, crossroads -----	36 44 36.4	93 53 54.3	1,860
T. 24 N., R. 27 W., S. quarter cor. sec. 31, rd. at fence N., 110 ft. W. of N. quarter cor. sec. 6, T. 23 N., R. 27 W. -----	36 44 35.6	93 53 23.0	2,550
Butterfield, 1.4 mi. E. of, 550 ft. W. of N. cor. secs. 5 and 6, T. 23 N., R. 27 W., 16 ft. E. of drive to barnlot, 15 ft. S. of rd., at NW. corner of orchard, in concrete post; standard tablet stamped "T T 49 C 1934" -----	36 44 34.58	93 52 56.43	2,170
Rd. at fence S. -----	36 44 34.0	93 52 16.6	3,240
T. 24 N., R. 27 W., S. cor. secs. 32 and 33, T-rd. N. -----	36 44 33.2	93 51 46.1	2,485
Crossroads -----	36 44 32.5	93 51 45.3	2,645
Rd. at fence S. -----	36 44 45.4	93 51 13.3	2,960
Rd. at fence S. -----	36 44 40.6	93 50 11.5	2,640
Rd. fork N. -----	36 44 37.4	93 50 09.5	2,630
Butterfield, 5 mi. E. of, in SW 1/4 SE 1/4 sec. 34, T. 24 N., R. 27 W., 42 ft. S. and 17 ft. E. from T-rd. E., in corner of field, in concrete post; standard tablet stamped "T T 50 C 1934" -----	36 44 39.20	93 49 55.80	1,130
Rd. at fence S. -----	36 44 26.5	93 49 36.0	2,060
Rd. corner from W.-N. at private rd. E. -----	36 44 25.4	93 49 09.8	2,140
T. 24 N., R. 27 W., S. cor. secs. 35 and 36, 45 ft. N. of rd. at fence N. -----	36 44 28.4	93 48 33.4	2,980
Rd. at fence S. -----	36 44 13.0	93 48 24.4	1,720
Rd. fork SE. -----	36 44 02.3	93 47 56.4	2,530
Butterfield, 7.7 mi. E. of, in NE 1/4 SE 1/4 sec. 1, T. 23 N., R. 27 W., 20 ft. N. and 38 ft. W. from T-rd. NW., in concrete post; standard tablet stamped "T T 51 C 1934" -----	36 43 56.90	93 47 44.24	1,130
T-rd. S., 15 ft. S. of stone at quarter cor. between secs. 1 and 6, T. 23 N., Rs. 26 and 27 W. -----	36 44 01.4	93 47 29.2	1,310
Rd. at private drive S. in bed of creek -----	36 44 10.9	93 47 03.8	2,280
Cross Hollow Store, rd. fork E. at -----	36 44 35.5	93 46 55.5	2,580
Rd. fork S. -----	36 44 41.7	93 46 23.0	2,720
Rd. fork NE. -----	36 44 51.6	93 45 52.2	2,695
Center of triangle at rd. fork S. -----	36 44 50.9	93 45 22.6	2,410
Prim Trav Sta No 4 L S 1923 Mo (previously described) -----	36 44 35.85	93 45 12.26	1,740

8. FROM MOUNTAIN QUADRANGLE AT SEC. 30, T. 22 N., R. 28 W., SOUTHEAST TO SEC. 29, T. 22 N., R. 28 W. (by C. N. Ackerman in 1934)
(Continued from Mountain quadrangle; see line 3.)

Junction of lane NE. -----	36 35 41.3	93 59 51.6	(2,510)
Rd. at fences N. and S. -----	36 35 31.2	93 59 33.5	1,791
T T 41 C 1934 (previously described) -----	36 35 14.67	93 59 12.93	2,372

9. FROM BUTTERFIELD SOUTH ALONG STATE HIGHWAY 37 TO ARKANSAS-MISSOURI STATE LINE, INCLUDING THAT PART OF THE LINE IN EUREKA SPRINGS NO. 2 QUADRANGLE (fourth-order traverse by State Highway Department in 1934)

Crossroad (previously described) -----	36 44 36.9	93 54 26.6	.....
Highway at fence E. -----	36 44 10.4	93 54 27.2	2,675
T. 23 N., R. 28 W., quarter cor. between secs. 1 and 12, crossroad -----	36 43 45.2	93 54 26.0	2,550
Junction of rd. W. -----	36 43 19.2	93 54 28.8	2,640
Crossroad on line between secs. 12 and 13, T. 23 N., R. 28 W. -----	36 42 52.7	93 54 08.1	3,165
Highway at fences E. and W. -----	36 42 25.7	93 53 40.2	3,550
Highway at fences N. and S. -----	36 42 11.2	93 53 26.1	1,870
Highway at fences N. and S., 435 ft. N. of cor. secs. 17, 18, 19, and 20, T. 23 N., R. 27 W. -----	36 42 03.0	93 52 54.2	2,730
Highway at fences E. and W. -----	36 41 45.0	93 52 32.4	2,545
Highway at fences E. and W. -----	36 41 31.8	93 52 24.2	1,500
Cassville, at N. edge of, street intersection -----	36 41 13.0	93 51 54.4	3,080
Cassville, highway at main track of Cassville & Exeter Ry. -----	36 40 48.4	93 52 01.9	2,570
Junction of State Highway 44 E. -----	36 40 37.6	93 52 08.1	1,200
Highway at culvert -----	36 40 18.0	93 52 34.0	2,900
Junction of State Highway 44 W. -----	36 40 07.2	93 53 14.2	3,450

Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	
Highway at culvert	36	39	48.0	93	53	17.6	1,960
Highway at fence N.	36	39	07.5	93	53	46.5	4,735
Junction of rd. S. on line between secs. 1 and 6, T. 22 N., R. 27 and 28 W.	36	38	54.2	93	54	05.2	2,030
Junction of rd. SE.	36	38	42.6	93	54	29.6	2,510
Highway at fence W.	36	38	20.8	93	54	54.8	3,020
Highway at walk in front of dwelling	36	38	00.2	93	55	04.1	2,210
Highway at culvert	36	37	40.4	93	55	14.8	2,200
Highway at fence E.	36	37	17.3	93	55	32.6	2,750
Junction of rd. W. on line between secs. 14 and 23, T. 22 N., R. 28 W.	36	36	52.2	93	56	02.1	3,490
Junction of rd. E.	36	36	27.0	93	56	25.6	3,195
Highway at fence E. on line between secs. 22 and 27, T. 22 N., R. 28 W.	36	36	01.5	93	56	43.8	2,980
Junction of private entrance E., 370 ft. W. of center sec. 27, T. 22 N., R. 28 W.	36	35	35.8	93	56	56.8	2,810
Junction of rd. W. on line between secs. 27 and 34, T. 22 N., R. 28 W.	36	35	10.4	93	57	13.9	2,920
Highway at fence E.	36	34	45.6	93	57	48.4	3,770
Highway at culvert	36	34	28.0	93	58	00.9	2,050
Highway at culvert	36	34	04.6	93	58	12.4	2,545
Highway at fence N.	36	33	39.1	93	58	00.2	2,770
Crossroad on line between secs. 4 and 9, T. 21 N., R. 28 W.	36	33	27.2	93	57	40.5	2,010
Crossroad	36	33	01.4	93	57	48.6	2,690
Highway at culvert	36	32	37.1	93	57	52.9	2,490
Highway at fences E. and W.	36	32	08.6	93	57	24.4	3,700
Highway at fences N. and S.	36	32	01.6	93	57	15.7	1,000
Highway at fences N. and S. on line between secs. 14 and 15, T. 21 N., R. 28 W.	36	31	56.0	93	56	27.7	3,960
Seligman, street intersection on line between secs. 14 and 23, T. 21 N., R. 28 W.	36	31	41.0	93	56	17.2	1,750
Seligman, center of Missouri and North Arkansas Ry. bridge over highway	36	31	27.4	93	56	19.0	1,380
Junction of rd. E.	36	31	02.0	93	56	17.1	2,580
Highway at stone walls E. and W.	36	30	22.7	93	55	59.2	4,230
T T 37 C 1934 (previously described)	36	29	55.27	93	55	53.87	2,810

10. FROM CASSVILLE NORTHEAST ALONG STATE HIGHWAY 44 TO SEC. 33, T. 24 N.,
R. 26 W. (fourth-order traverse by State Highway Department in 1934)

Junction (previously described)	36	40	37.6	93	52	08.1	.....
Junction of State Highway 112 S.	36	40	32.0	93	51	56.5	1,110
Highway at fences N. and S.	36	40	17.2	93	51	20.3	3,310
Highway at fences N. and S.	36	40	32.1	93	50	31.6	4,250
Highway at fences E. and W. on line between secs. 22 and 27, T. 23 N., R. 27 W.	36	41	02.2	93	49	45.7	4,820
Crossroad, 140 ft. N. of cor. secs. 13, 14, 23, and 24, T. 23 N., R. 27 W.	36	41	54.2	93	48	36.9	7,690
Highway at fences E. and W.	36	42	18.0	93	48	05.6	3,510
Junction of rd. N., about 60 ft. S. of cor. secs. 7, 12, 13, and 18, T. 23 N., R. 26 and 27 W.	36	42	42.6	93	47	31.2	3,740
Crossroad	36	43	03.5	93	46	57.9	3,440
Crossroad, 122 ft. W. of cor. secs. 5, 6, 7, and 8, T. 23 N., R. 26 W.	36	43	34.4	93	46	26.0	4,060
Highway at fences N. and S.	36	44	12.1	93	46	07.3	4,105
Junction of private entrances N. and S.	36	44	34.0	93	45	41.6	3,050
Junction of dim rd. S.	36	44	38.6	93	45	13.4	2,350
Prim Trav Sta No 4 L S 1923 Mo (previously described)	36	44	35.85	93	45	12.26	290

11. FROM SEC. 31, T. 23 N., R. 28 W., EAST ALONG STATE HIGHWAY 44 TO SEC. 31,
T. 23 N., R. 27 W. (fourth-order traverse by State Highway Department
in 1934)

T T 44 C 1934 (previously described)	36	40	08.69	93	59	32.50	.....
Highway at fences N. and S.	36	40	20.0	93	59	09.7	2,180
W. end of bridge over branch	36	40	22.0	93	58	37.0	2,670
Highway at fences N. and S.	36	40	21.2	93	57	49.1	3,900
T. 23 N., R. 28 W., cor. secs. 27, 28, 33, and 34, junction of rd. S.	36	40	20.7	93	57	16.8	2,630
Junction of private rd. N. at fence S.	36	40	20.1	93	56	44.3	2,645
Exeter, intersection of Chestnut Street S.	36	40	19.4	93	56	18.2	2,125
T. 23 N., R. 28 W., W. sixteenth cor. between secs. 26 and 35, crossroad	36	40	18.8	93	55	55.7	1,840
Highway at fences N. and S.	36	40	18.1	93	55	23.3	2,640
T. 23 N., R. 28 W., W. sixteenth cor. between secs. 25 and 36, highway at fences N. and S.	36	40	17.5	93	54	50.9	2,640
Highway at fence N.	36	40	16.8	93	54	18.6	2,630
T. 23 N., R. 27 W., W. sixteenth cor. between secs. 30 and 31, crossroad	36	40	15.5	93	53	46.6	2,615
Junction (previously described)	36	40	07.2	93	53	14.2	2,765

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
12. FROM SEC. 29, T. 23 N., R. 27 W., SOUTH ALONG STATE HIGHWAY 112 TO SEC. 27, T. 22 N., R. 27 W. (fourth-order traverse by State Highway Department in 1934)			
Junction (previously described) -----	36 40 32.0	93 51 56.5	.....
Highway at fences N. and S. -----	36 40 06.8	93 51 37.0	2,990
Highway at double-pipe culvert -----	36 39 46.6	93 51 21.3	2,410
Tps. 22 and 23 N., R. 27 W., approximate quarter cor. between secs. 4 and 33, junction of State Highway 86 E. and rd. W. -----	36 39 20.4	93 51 22.4	2,640
Highway at fences E. and W. -----	36 38 57.2	93 51 09.9	2,560
Crossroad on line between secs. 4 and 9, T. 22 N., R. 27 W. -----	36 38 30.8	93 51 07.1	2,675
Highway at fence E. -----	36 38 04.7	93 51 07.9	2,640
T. 22 N., R. 27 W., E. sixteenth cor. between secs. 9 and 16, junction of rd. W. -----	36 37 38.3	93 51 08.7	2,670
Highway at fences E. and W. -----	36 37 15.6	93 51 01.7	2,360
Highway at fences E. and W. -----	36 36 58.6	93 50 47.4	2,070
Junction of private rd. N. -----	36 36 38.1	93 50 28.0	2,610
Highway at fences E. and W., 95 ft. E. of center sec. 22, T. 22 N., R. 27 W. -----	36 36 18.8	93 50 21.5	2,020
Highway at pipe culvert -----	36 35 55.6	93 50 20.8	2,340
Highway at pipe culvert -----	36 35 30.7	93 50 27.7	2,580
Highway at pipe culvert -----	36 35 09.3	93 50 15.7	2,370
T T 31 C 1934 (previously described) -----	36 35 09.75	93 50 12.68	2,50

13. FROM SEC. 33, T. 23 N., R. 27 W., EAST ALONG STATE HIGHWAY 86 INTO SHELL KNOB QUADRANGLE (fourth-order traverse by State Highway Department in 1934)			
Junction (previously described) -----	36 39 20.4	93 51 22.4	.....
T. 23 N., R. 27 W., S. cor. secs. 33 and 34, highway at fence N., 110 ft. W. of highway at fence S. and N. cor. secs. 3 and 4, T. 22 N., R. 27 W. -----	36 39 19.6	93 50 50.2	2,625
T. 23 N., R. 27 W., S. cor. secs. 34 and 35, junction of rd. N., 76 ft. W. of junction of rd. S. at N. cor. secs. 2 and 3, T. 22 N., R. 27 W. -----	36 39 17.9	93 49 45.5	5,270
Highway at fences N. and S. -----	36 39 17.1	93 49 33.2	2,640
Junction of County Route P -----	36 39 14.4	93 48 30.0	3,530
Highway at fences N. and S. on line between -----	36 39 10.2	93 48 09.0	1,745
Highway at fences N. and S. on line between secs. 1 and 6, T. 22 N., R. 26 and 27 W. -----	36 39 05.4	93 47 36.4	2,695
Highway at fences N. and S. -----	36 38 53.9	93 47 08.8	2,520
Highway at fences N. and S. on line between secs. 5 and 6, T. 22 N., R. 26 W. -----	36 39 11.6	93 46 35.9	3,210
Highway at fence N. -----	36 39 08.7	93 46 01.8	2,760
Highway at fence E. on line between secs. 4 and 33, Tps. 22 and 23 N., R. 26 W. -----	36 39 12.4	93 45 23.2	3,150
Highway at fence W. -----	36 38 58.4	93 45 00.6	2,310

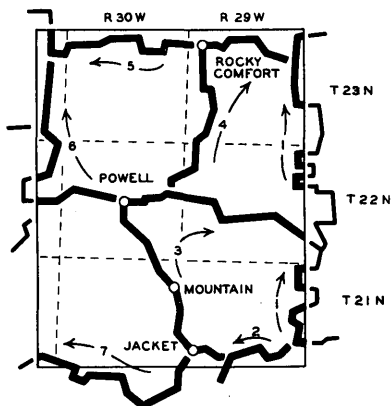
(Continued in Shell Knob quadrangle; see line 8.)

14. FROM SEC. 1, T. 22 N., R. 27 W., SOUTHEAST ALONG COUNTY ROUTE P TO EAGLE ROCK (fourth-order traverse by State Highway Department in 1934)			
Junction (previously described) -----	36 39 14.4	93 48 30.0	.....
Highway at fences E. and W. -----	36 38 52.9	93 48 30.6	2,170
Highway at fences E. and W. on line between secs. 1 and 12, T. 22 N., R. 27 W. -----	36 38 25.4	93 48 07.8	3,340
Highway at fences N. and S. -----	36 38 00.8	93 47 54.8	2,710
Junction of private entrances E. and W. -----	36 37 42.0	93 48 07.3	2,160
Highway at fence N. on line between secs. 13 and 18, T. 22 N., R. 26 and 27 W. -----	36 37 15.0	93 47 39.9	3,515
Junction of private entrances N. and S. -----	36 36 51.6	93 47 25.3	2,650
Highway at pipe culvert -----	36 36 34.0	93 47 09.2	2,210
Junction of private entrances NE. and SW. -----	36 36 21.7	93 46 41.7	2,570
Highway at fence N. -----	36 36 11.3	93 46 25.3	1,695
Junction of private entrances N. and S. -----	36 35 59.6	93 45 59.0	2,450
Junction of private entrances NE. and SW. -----	36 35 32.1	93 45 54.6	2,805
Junction of private entrances NE. and SW. -----	36 35 07.8	93 45 00.3	2,490
Highway at fence N. on line between secs. 32 and 33, T. 22 N., R. 26 W. -----	36 34 47.3	93 45 38.7	2,720
Highway at pipe culvert -----	36 34 25.7	93 45 31.0	2,270
Highway at fence W. on line between secs. 5 and 32, Tps. 21 and 22 N., R. 26 W. -----	36 34 01.3	93 45 44.8	2,710
T. 21 N., R. 26 W., quarter cor. between secs. 4 and 5, highway at fence E. -----	36 33 35.5	93 45 41.5	2,620
Prim Trav Sta No 8 L S 1923 Mo (previously described) -----	36 32 58.87	93 45 27.25	3,880

Magnetic declination 7° 25' E.

MOUNTAIN QUADRANGLE
(Latitude 36°30'-36°45'; longitude 94°00'-94°15')

Barry, McDonald, and Newton Counties



1. FROM CASSVILLE QUADRANGLE AT SEC. 30, T. 21 N., R. 28 W., NORTH INTO CASSVILLE QUADRANGLE AT SEC. 31, T. 24 N., R. 28 W. (by L. A. Cassil in 1934)

(Continued from Cassville quadrangle; see line 2.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Ford across creek -----	36 30 49.7	94 00 19.8	(3,670)
T. 21 N., Rs. 28 and 29 W., about 685 ft. S. of cor. secs. 19, 24, 25, and 30, 4.8 mi. W. of Seligman along rd. to Mayflower, at junction of rd. N. to Washburn, 50 ft. S. of NE.-SW. rd., 31 ft. E. of NW.-SE. rd., in corner of field, in concrete post; standard tablet stamped "T T 39 C 1934" -----	36 30 54.17	94 00 49.40	2,460
Rd. at N. side of small dwelling -----	36 31 12.6	94 00 27.2	2,600
Center of triangle at rd. forks, 70 ft. N. and 15 ft. E. from rd. at rail fence E. -----	36 31 48.4	94 00 11.4	3,840
Rd. at S. side of old two-story dwelling -----	36 32 04.0	94 00 01.0	1,790

(For balance in Cassville quadrangle, see line 6.)

T. 21 N., R. 28 W., in SE 1/4 sec. 7, 4.8 mi. W. of Seligman along rd. to Mayflower, thence 3.1 mi. N. along rd. to Washburn, 15 ft. S. and 27 ft. W. from T-rd. W., 45 ft. N. and 60 ft. W. from NW. corner of dwelling of J. S. Anderson, in concrete post; standard tablet stamped "T T 40 C 1934" -----	36 33 05.49	94 00 19.38	(3,270)
Rd. at W. side of small dwelling -----	36 33 30.3	94 00 25.3	2,550
Rd. at fence S., 120 ft. N. of stone at cor. secs. 1, 6, 7, and 12, T. 21 N., Rs. 28 and 29 W. -----	36 33 33.6	94 00 43.6	1,530
Rd. at fences N. and S. -----	36 33 55.2	94 00 25.1	2,650
Center of triangle at rd. forks -----	36 34 09.6	94 00 06.2	2,120

(For balance in Cassville quadrangle, see line 6.)

Junction of private rd. NW. -----	36 38 10.0	94 00 02.5	(2,460)
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(For balance in Cassville quadrangle, see line 6.)

Rd. at S. side of one-story frame dwelling -----	36 38 53.0	94 00 01.3	(2,960)
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(For balance in Cassville quadrangle, see line 6.)

Missouri and North Arkansas Ry. at rd. crossing near milepost 47.15 -----	36 41 03.4	94 00 11.0	(2,380)
Missouri and North Arkansas Ry. at rd. crossing - Ridgley, about 0.3 mi. SE. of, on Missouri and North Arkansas Ry., 650 ft. S. and 20 ft. W. from E. sixteenth cor. sec. 24, T. 23 N., R. 29 W., 35 ft. S. of track, 40 ft. W. of N.-S. rd., 70 ft. N. of State Highway 44, in concrete post; standard tablet stamped "T T 45 C 1934" -	36 41 20.5	94 00 27.5	2,195
	36 41 36.43	94 00 43.24	2,060

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 23 N., R. 29 W., approximate E. quarter cor. sec. 24 -----	36 41 43.1	94 00 27.9	1,420
T-rd. N. -----	36 41 55.1	94 00 03.7	2,320
Rd. at fence W. along rd. W. -----	36 42 16.7	94 00 03.5	2,180
Center of triangle at rd. fork E. -----	36 42 42.9	94 00 18.1	2,905
Junction of private rd. W. -----	36 43 05.6	94 00 26.7	2,395
T. 23 N., R. 29 W., in NE 1/4 sec. 12, about 1.3 mi. E., thence 1.9 mi. NW. from Ridgley, 46 ft. E. of old State Highway 44, 59 ft. N. and 75 ft. W. from NW. corner of Oklahoma School, in concrete post; standard tablet stamped "T 46 C 1934" -----	36 43 30.27	94 00 32.78	2,550
Rd. fork W. -----	36 44 05.4	94 00 35.2	3,560
Center of low-water bridge -----	36 44 42.2	94 00 33.5	3,720
Tps. 23 and 24 N., Rs. 28 and 29 W., cor. of, rd. at fences N. and S. -----	36 44 43.2	94 00 20.2	1,090

(Continued in Cassville quadrangle; see line 7.)

2. FROM SEC. 25, T. 21 N., R. 29 W., WEST TO ARKANSAS-MISSOURI STATE LINE AT POINT 9.7 MILES WEST OF SELIGMAN (by L. A. Cassil in 1934)

T T 39 C 1934 (previously described) -----	36 30 54.17	94 00 49.40	.....
Rd. at N. side of frame dwelling -----	36 30 38.6	94 01 10.6	2,340
Rd. at fence N. -----	36 30 29.1	94 02 19.8	5,730
T. 21 N., R. 29 W., in NW 1/4 sec. 26, 7.3 mi. W. of Seligman along rd. to Mayflower, 25 ft. W. of rd., 68 ft. S. and 38 ft. W. from SE. corner of Maple Grove School, between large sycamore and walnut trees, in concrete post; standard tablet stamped "T T 52 C 1934" -----	36 30 44.79	94 02 46.24	2,680
REMAINDER OF LINE IS A SINGLE-RUN UNCHECKED SPUR LINE			
Rd. at small frame dwelling -----	36 30 37.6	94 03 15.6	2,505
Rd. fork NW. to Mayflower Store -----	36 30 42.8	94 03 28.9	1,210
Rd. fork N. in creek bed -----	36 30 24.0	94 04 11.9	3,990
Rd. fork SW. -----	36 30 14.6	94 04 29.5	1,720
Seligman, 9.7 mi. W. of, along Mayflower-Seligman rd., on Ark.-Mo. State line, 20 ft. E. of rd., 2 ft. S. and 4 ft. E. from fence corner, in concrete post; standard tablet stamped "T T 53 C 1934" -----	36 29 54.68	94 04 22.79	2,090

3. FROM SEC. 26, T. 21 N., R. 29 W., WEST TO JACKET, THENCE NORTHWEST TO POWELL, THENCE EAST INTO CASSVILLE QUADRANGLE AT SEC. 30, T. 22 N., R. 28 W. (by C. N. Ackerman in 1934)

T T 52 C 1934 (previously described) -----	36 30 44.79	94 02 46.24	.....
Rd. at fences N. and S. -----	36 30 37.4	94 03 14.1	2,395
Rd. at fence S., 330 ft. S. of quarter cor. between secs. 27 and 28, T. 21 N., R. 29 W. -----	36 30 27.2	94 04 07.0	4,443
Jacket, 2.7 mi. E. of, along Jacket-Mayflower rd., in SE 1/4 sec. 28, T. 21 N., R. 29 W., 30 ft. S. and 21 ft. W. (? E.) from rd. junction, in concrete post; standard tablet stamped "592 C W A 1934" -----	36 30 14.45	94 04 29.88	2,269
T-rd. S. at fence N. on Barry-McDonald county line -----	36 30 08.9	94 04 36.6	788
T. 21 N., R. 29 W., cor. secs. 28, 29, 32, and 33, rd. at fence N. -----	36 30 07.7	94 05 09.1	2,655
Rd. at fence W. -----	36 30 21.2	94 05 25.5	1,913
T-rd. W. -----	36 30 33.9	94 05 24.7	1,291
Rd. at fence N. -----	36 30 35.6	94 05 40.8	1,323
T. 21 N., R. 29 W., quarter cor. between secs. 29 and 30, iron pin, 6 ft. S. of rd. -----	36 30 35.8	94 06 13.4	2,663
Jacket, 235 ft. S. and 275 ft. E. from iron pin at E. sixteenth cor. sec. 30, T. 21 N., R. 29 W., 90 ft. N. of rd. forks, in concrete post; standard tablet stamped "593 C W A 1934" -----	36 30 33.90	94 06 26.27	1,072
Rd. forks -----	36 30 58.3	94 06 28.7	2,479
Rd. at fence S. -----	36 31 16.7	94 07 00.7	3,206
Rd. at fence W. -----	36 31 32.0	94 07 17.8	2,079
Rd. at fence E., 660 ft. W. of cor. secs. 13, 18, 19, and 24, T. 21 N., Rs. 29 and 30 W. -----	36 31 55.8	94 07 23.8	2,464
Mountain, 800 ft. E. of, 50 ft. S. and 410 ft. E. from iron pin at E. sixteenth cor. sec. 13, T. 21 N., R. 30 W., 75 ft. S. and 150 ft. E. from rd. forks, 16 ft. W. of triangular-blazed 12-in. walnut tree, in concrete post; standard tablet stamped "594 C W A 1934" -----	36 32 21.99	94 07 26.86	2,656
Sugar Creek, rd. at S. bank of -----	36 32 38.2	94 07 32.7	1,709
T-rd. E. -----	36 33 08.8	94 07 35.7	3,097
Rd. fork E. -----	36 33 41.7	94 07 42.6	3,376
Rd. at fence S. -----	36 33 58.1	94 08 02.2	2,306
T-rd. N. -----	36 34 18.7	94 08 11.0	2,206

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Tps. 21 and 22 N., R. 30 W., cor. secs. 1, 2, 35, and 36, stone at fence corner, 20 ft. SE. of concrete watering trough -----	36 34 35.1	94 08 13.7	1,667
Powell, 4.5 mi. SE. of, along Mountain-Powell rd., in SE 1/4 sec. 35, T. 22 N., R. 30 W., SE. of school and two churches, 40 ft. S. of S. fence of Roller Cemetery, 2 ft. E. of fence along rd., in concrete post; standard tablet stamped "595 C W A 1934" -----	36 34 48.09 36 35 04.7	94 08 20.48 94 08 13.9	1,428 1,761
T-rd. S. -----			
Rd. at gate, 5 ft. E. of quarter cor. between secs. 26 and 35, T. 22 N., R. 30 W. -----	36 35 28.1	94 08 42.6	3,328
Rd. at fences E. and W. -----	36 35 41.1	94 08 49.5	1,424
Sugar Creek, rd. at E. bank of -----	36 35 46.6	94 09 04.2	1,328
Powell, 2.3 mi. SE. of, along Mountain-Powell rd., about 500 ft. E. of center sec. 27, T. 22 N., R. 30 W., 50 ft. S. and 110 ft. E. from rd. at fence S., 63 ft. N. and 40 ft. E. from NE. corner of barn on property of L. L. Roller, 65 ft. W. of blazed walnut tree, in concrete post; standard tablet stamped "596 C W A 1934" -----	36 35 58.14	94 09 40.34	3,166
T. 22 N., R. 30 W., W. sixteenth cor. between secs. 22 and 27, rd. at fence W. -----	36 36 22.4	94 10 03.4	3,094
Rd. at fence E. -----	36 36 34.4	94 09 55.7	1,358
Rd. on curve from S.-NW. at fence W. -----	36 36 58.7	94 10 00.1	2,486
T. 22 N., R. 30 W., E. sixteenth cor. between secs. 16 and 21, iron pin, 30 ft. S. of rd. ---	36 37 14.0	94 10 32.4	3,053
Powell, 580 ft. N. of quarter cor. between secs. 16 and 21, T. 22 N., R. 30 W., 240 ft. N. of T-rd. E., 43 ft. E. of County Route E, in concrete post; standard tablet stamped "597 C W A 1934" -----	36 37 21.27 36 37 41.9	94 10 47.86 94 09 42.5	1,460 5,934
T-rd. N. -----		94 09 26.1	1,430
Rd. at fences N. and S. -----			
T. 22 N., R. 30 W., approximate quarter cor. between secs. 14 and 15, rd. at fence S. on S. side of Sugar Creek -----	36 37 47.4	94 09 09.4	1,477
Rd. on curve from W.-SE. at fence N. -----	36 37 44.8	94 08 40.5	2,369
Rd. at fence S. on W. side of Fox School -----	36 37 40.0	94 08 23.0	1,506
Powell, 3.5 mi. E. of, along Powell-Washburn rd., 170 ft. S. and 180 ft. W. from quarter cor. between secs. 12 and 13, T. 22 N., R. 30 W., 47 ft. S. and 16 ft. W. from rd. forks, in concrete post; standard tablet stamped "598 C W A 1934" -----	36 38 01.03 36 37 47.6	94 07 34.90 94 06 43.6	4,457 4,397
Rd. at fences N. and S. -----	36 37 40.4	94 06 10.7	2,776
Rd. corner from S.-E. -----	36 37 39.6	94 05 43.4	2,229
Rd. at fence S. -----	36 37 32.7	94 05 22.8	1,817
Rd. at fence N. -----	36 37 05.8	94 04 52.7	3,670
Powell, 6.8 mi. E. of, along Powell-Washburn rd., in NW 1/4 sec. 21, T. 22 N., R. 29 W., 230 ft. N. of NW. corner of dwelling of H. E. Dishon, 18 ft. S. of rd., in concrete post; standard tablet stamped "599 C W A 1934" -----	36 36 46.38 36 36 24.8	94 04 39.88 94 04 21.1	2,216 2,664
Rd. at blazed 36-in. oak tree N. of rd. -----	36 36 20.0	94 03 50.0	2,583
Rd. at fence S. -----	36 36 25.0	94 03 17.9	2,665
Rd. at rail fence S. -----	36 36 17.9	94 02 46.6	2,649
T-rd. N. -----	36 36 11.3	94 02 30.3	1,490
Rd. at fence N. -----			
Washburn, 4.5 mi. W. of, along Powell-Washburn rd., in NW 1/4 sec. 26, T. 22 N., R. 29 W., 20 ft. S. and 80 ft. W. from rd. forks, in concrete post; standard tablet stamped "600 C W A 1934" -----	36 36 .03 36 36 09.2	94 02 08.82 94 01 37.9	1,802 2,532
Rd. near corner of yard fence N. of log cabin ---	36 36 16.2	94 01 09.6	2,419
Rd. forks E. and NE. -----			
Rd. at fences N. and S., 440 ft. S. of cor. secs. 19, 24, 25, and 30, T. 22 N., Rs. 28 and 29 W. -----	36 36 06.4	94 00 38.4	2,732
T-rd. N., 340 ft. S. of quarter cor. between secs. 19 and 30, T. 22 N., R. 28 W. -----	36 36 03.7	94 00 04.9	2,740

(Continued in Cassville quadrangle; see line 8.)

4. FROM SEC. 13, T. 22 N., R. 30 W., NORTH TO ROCKY COMFORT, THENCE EAST TO SEC. 12, T. 23 N., R. 29 W. (by C. N. Ackerman in 1934)

598 C W A 1934 (previously described) -----	36 38 01.03	94 07 34.90	.....
Fence corner from S.-E., 40 ft. E. of rd. -----	36 38 14.2	94 07 29.6	1,397
S. end of wooden bridge -----	36 38 28.2	94 07 14.4	1,890
T. 22 N., Rs. 29 and 30 W., approximate cor. secs. 1, 6, 7, and 12, rd. at fence E. -----	36 38 52.7	94 06 59.0	2,776
Rd. at fence W. -----	36 39 04.4	94 06 40.2	1,932
T-rd. E. -----	36 39 30.0	94 06 20.2	3,064
Rd. corner from S.-E. at fence W. -----	36 40 19.2	94 06 08.9	5,058

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rocky Comfort, 4.8 mi. S. of, 167 (? 107) ft. S. and 266 ft. W. from iron pin at cor. secs. 29, 30, 31, and 32, T. 23 N., R. 29 W., 114 ft. N. and 20 ft. E. from T-rd. N., 70 (? 114) ft. W. of small dwelling, in concrete post; standard tablet stamped "1301 C W A 1934" -----	36 40 32.63 36 40 58.1	94 05 52.80 94 05 40.1	1,886 2,777
Rd. at fence E. -----			
T. 23 N., R. 29 W., approximate quarter cor. between secs. 20 and 29, rd. at fence E. -----	36 41 25.5 36 41 44.6	94 05 15.3 94 05 18.8	3,433 1,954
T-rd. E. -----			
Rocky Comfort, 2.8 mi. S. of, cor. secs. 17, 18, 19, and 20, T. 23 N., R. 29 W., 640 ft. S. and 20 ft. W. from T-rd. W., 2 ft. W. of fence corner, in concrete post; standard tablet stamped "1302 C W A 1934" -----	36 42 12.23 36 42 44.6	94 05 45.28 94 05 43.5	3,525 3,279
Rd. at fences E. and W. -----			
T. 23 N., R. 29 W., cor. secs. 7, 8, 17, and 18, crossroads -----	36 43 10.7 36 43 36.8	94 05 42.0 94 05 40.7	2,640 2,640
T-rd. W. -----	36 44 02.5	94 05 39.4	2,601
Rd. at fence W. -----			
T. 23 N., R. 29 W., quarter cor. between secs. 5 and 6, crossroads -----	36 44 28.9	94 05 38.0	2,670
Rocky Comfort, 27 ft. S. and 73 ft. E. from crossroads, in NW. corner of yard of Rocky Comfort School, in concrete post; standard tablet stamped "1303 C W A 1934" -----	36 44 41.57 36 44 44.9	94 05 36.45 94 05 23.9	1,291 1,075
T-rd. E. -----			
Tps. 23 and 24 N., R. 29 W., approximate cor. secs. 4, 5, 32, and 33, State Highway 44 at fence S. -----	36 44 52.8	94 04 33.4	4,183
State Highway 44 at fences N. and S. on Barry-McDonald county line -----	36 44 51.7	94 04 06.8	2,170
T. 23 N., R. 29 W., N. cor. secs. 3 and 4, State Highway 44 at rd. S. -----	36 44 50.2	94 03 28.5	3,121
Rocky Comfort, 2.8 mi. E. of, along State Highway 44, 17 ft. N. and 100 ft. W. from Missouri and North Arkansas Ry. at rd. crossing, 17 ft. N. and 8 ft. E. from junction of rd. N., in concrete post; standard tablet stamped "1304 C W A 1934" -----	36 44 48.42	94 02 39.41	4,000
T. 23 N., R. 29 W., approximate quarter cor. between secs. 2 and 3, State Highway 44 at crossroad -----	36 44 22.5 36 43 55.9	94 02 18.1 94 01 57.0	3,144 3,190
State Highway 44 at crossroad -----			
T. 23 N., R. 29 W., N. sixteenth cor. between secs. 11 and 12, stone in rd. at fence S. -----	36 43 42.2 36 43 42.8	94 01 25.2 94 00 53.7	2,940 2,565
Rd. at fences N. and S. -----	36 43 44.8	94 00 33.4	1,659
T-rd. W. -----	36 43 30.27	94 00 32.78	1,466
T T 46 C 1934 (previously described) -----			

5. FROM ROCKY COMFORT WEST AND NORTH INTO RITCHIEY QUADRANGLE AT SEC. 2,
T. 23 N., R. 31 W. (by C. N. Ackerman in 1934)

1303 C W A 1934 (previously described) -----	36 44 41.57	94 05 36.45	.....
T-rd. S. -----	36 44 42.9	94 06 09.9	2,729
T. 23 N., Rs. 29 and 30 W., approximate N. sixteenth cor. between secs. 1 and 6, rd. at fences N. and S. -----	36 44 44.3 36 44 45.7	94 06 43.2 94 07 31.0	2,709 3,891
T-rd. E. -----	36 44 19.5	94 07 31.9	2,650
Rd. at fences E. and W. -----			
Rocky Comfort, 1.8 mi. W. and 0.5 mi. S. from, 40 ft. S. and 40 ft. E. from W. sixteenth cor. between secs. 1 and 12, T. 23 N., R. 30 W., 220 ft. N. and 40 ft. E. from T-rd. W., 40 ft. N. and 40 ft. E. from rd. junction, in concrete post; standard tablet stamped "1305 C W A 1934" -----	36 44 05.96	94 07 32.19	1,372
T. 23 N., R. 30 W., cor. secs. 1, 2, 11, and 12, iron pin in rd. at fence S. -----	36 44 06.8	94 07 47.6	1,261
T-rd. E. -----	36 44 07.7	94 08 20.6	2,689
Rd. corner from S.-W. at fence N. -----	36 44 21.6	94 08 52.3	2,933
Crossroads -----	36 44 22.8	94 09 24.6	2,636
T-rd. W. -----	36 44 35.9	94 09 24.1	1,319
Rocky Comfort, 4.2 mi. W. of, 370 ft. N. and 300 ft. E. from E. sixteenth cor. sec. 4, T. 23 N., R. 30 W., 80 ft. N. and 30 ft. W. from NW. corner of dwelling of L. F. Sappington, in concrete post; standard tablet stamped "1306 C W A 1934" -----	36 44 41.19 36 44 44.8	94 10 07.50 94 10 28.5	3,574 1,750
Rd. at lane S. -----			
T. 23 N., R. 30 W., quarter cor. between secs. 4 and 5, rd. at fence N. and S. -----	36 44 39.0	94 11 01.0	2,708
T-rd. N. -----	36 44 27.7	94 11 17.4	1,763
T-rd. N. -----	36 44 15.0	94 11 50.8	3,003
Stella, 1.5 mi. S. of, cor. secs. 5, 6, 7, and 8, T. 23 N., R. 30 W., 20 ft. S. and 40 ft. E. from crossroads, 50 ft. NW. of NW. corner of dwelling, in concrete post; standard tablet stamped "1307 C W A 1934" -----	36 44 15.47	94 12 05.82	1,221

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at fences N. and S. -----	36 44 16.8	94 12 38.7	2,677
T-rd. E., 10 ft. S. of rd. at fence W. at E. cor. secs. 1 and 12, T. 23 N., R. 31 W. -----	36 44 18.2	94 13 13.5	2,842
T-rd. W. -----	36 43 52.1	94 13 14.8	2,640
Crossroads -----	36 43 53.4	94 13 46.9	2,614
Crossroads -----	36 43 54.6	94 14 18.9	2,610
T. 23 N., R. 31 W., cor. secs. 1, 2, 11, and 12, rd. at fences E. and W. -----	36 44 20.8	94 14 17.7	2,645
Bethpage, 3.8 mi. N. of, 870 ft. S. of rd. at fences E. and W. at quarter cor. between secs. 1 and 2, T. 23 N., R. 31 W., 890 ft. S. of T-rd. E., 2 ft. N. and 35 ft. E. from rd. at fence E., in concrete post; standard tablet stamped "1308 C W A 1934" -----	36 44 38.36	94 14 16.35	1,780
T-rd. E., 23 ft. N. of rd. at fences E. and W. at approximate quarter cor. between secs. 1 and 2, T. 23 N., R. 31 W. -----	36 44 47.1	94 14 16.4	886

(Continued in Ritchey quadrangle; see line 5.)

6. FROM POWELL WEST TO SEC. 14, T. 22 N., R. 31 W., THENCE NORTH TO SEC. 12, T. 23 N., R. 31 W. (by C. N. Ackerman in 1934)

597 C W A 1934 (previously described) -----	36 37 21.27	94 10 47.86	.....
Fence corner -----	36 37 29.2	94 11 04.4	1,572
Rd. at fence S. -----	36 37 30.8	94 11 28.7	1,987
Rd. forks W. and NW. -----	36 37 42.6	94 11 46.7	1,890
Rd. at fence S. -----	36 37 51.0	94 12 07.9	1,925
Powell, 2 mi. W. of, 60 ft. N. and 40 ft. E. from rd. forks SW. and E., 9 ft. N. and 6 ft. E. from blazed walnut tree, in concrete post; standard tablet stamped "1309 C W A 1934" -----	36 37 56.04	94 12 40.89	2,739
Rd. on curve from E.-NW. at blazed walnut tree S. of rd. -----	36 37 56.5	94 13 12.6	2,585
Rd. at fence S. -----	36 38 04.4	94 13 46.5	2,882
Rd. at fence N. -----	36 37 39.5	94 14 19.8	3,700
Cyclone, 0.8 mi. N. and 0.2 mi. E. from, in SE 1/4 sec. 14, T. 22 N., R. 31 W., 30 ft. N. and 260 ft. E. from T-rd. N., in concrete post; standard tablet stamped "1310 C W A 1934" -----	36 37 32.69	94 15 00.01	3,355
(For balance in Noel quadrangle, see line 2.)			
T. 22 N., R. 31 W., approximate cor. secs. 11, 12, 13, and 14, rd. at fences N. and S. -----	36 38 15.1	94 14 34.4	(3,402)
T. 22 N., R. 31 W., S. sixteenth cor. sec. 12, 99 ft. N. and 6 ft. W. from stone, 3 mi. S. and 0.5 mi. E. from Bethpage, 97 ft. N. and 3/4 ft. E. from NE. corner of Fairview School, 52 ft. S. and 3 ft. W. from blazed 10-in. tree, in concrete post; standard tablet stamped "1311 C W A 1934" -----	36 38 27.95	94 14 01.51	2,977
Rd. at stone in front of small dwelling -----	36 38 52.6	94 13 44.8	2,843
T-rd. W. -----	36 39 05.5	94 13 42.2	1,319
T-rd. E. -----	36 39 31.1	94 13 42.8	2,591
Rd. at fences E. and W. on line between secs. 1 and 36, Tps. 22 and 23 N., R. 31 W. -----	36 39 57.7	94 13 36.8	2,737
T-rd. N. -----	36 40 12.0	94 14 13.8	3,343
T. 23 N., R. 31 W., approximate S. sixteenth cor. between secs. 35 and 36, T-rd. S. -----	36 40 12.6	94 14 30.1	1,331
Bethpage, 1 mi. S. of, 145 ft. S. and 28 ft. E. from center of NE 1/4 sec. 35, T. 23 N., R. 31 W., 130 ft. S. and 28 ft. E. from curve in highway from S.-W., 210 ft. S. and 180 ft. W. from dwelling on property of Dan Carter, in concrete post; standard tablet stamped "1312 C W A 1934" -----	36 40 37.69	94 14 44.17	2,783
Rd. at fence E. -----	36 40 55.0	94 14 39.3	1,796
T-rd. S., 95 ft. E. of T-rd. N. -----	36 41 24.0	94 14 26.3	3,122
T. 23 N., R. 31 W., cor. secs. 23, 24, 25, and 26, T-rd. E. -----	36 41 44.0	94 14 25.0	2,019
Rd. at lane W. -----	36 42 10.0	94 14 24.1	2,629
Bethpage, 1.2 mi. N. of, 38 ft. S. and 18 ft. E. from rd. at fence W. at cor. secs. 13, 14, 23, and 24, T. 23 N., R. 31 W., 10 ft. N. and 10 ft. W. (? E.) from blazed 40-in. chinquapin tree, in concrete post; standard tablet stamped "1313 C W A 1934" -----	36 42 35.76	94 14 22.49	2,611
T. 23 N., R. 31 W., quarter cor. between secs. 13 and 14, stone at crossroads -----	36 43 02.3	94 14 21.4	2,689
T. 23 N., R. 31 W., cor. secs. 11, 12, 13, and 14, rd. at fence E. -----	36 43 28.6	94 14 20.1	2,660
Crossroads (previously described) -----	36 43 54.7	94 14 18.9	2,641

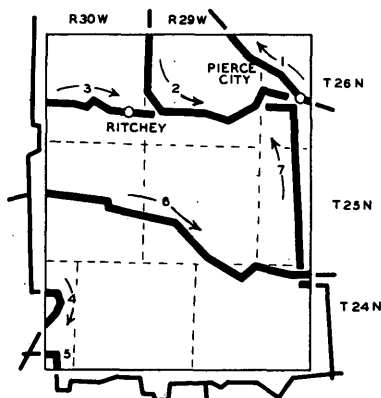
Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	Feet
7. FROM JACKET WEST INTO NOEL QUADRANGLE AT SEC. 35, T. 21 N., R. 31 W., INCLUDING THAT PART OF THE LINE IN PAYETTEVILLE NO. 1. QUADRANGLE (by C. N. Ackerman in 1934)							
593 C W A 1934 (previously described) -----	36	30	33.90	94	06	26.27	.....
Rd. at fence W. on top of hill -----	36	30	10.2	94	06	31.7	2,439
T-rd. E. on Ark.-Mo. State line -----	36	29	55.0	94	06	40.7	1,699
Rd. at fences E. and W. -----	36	29	21.2	94	06	51.6	3,534
T. 21 N., R. 30 W., E. sixteenth cor. between secs. 13 and 24, rd. at fences N. and S. -----	36	29	09.0	94	07	00.8	1,447
Pea Ridge, Ark., 2 mi. N. and 1 mi. W. from, 240 ft. N. and 33 ft. E. from rd. at fences E. and W. at center of NW 1/4 sec. 24, T. 21 N., R. 30 W., 6 ft. S. and 33 ft. E. from T-rd. S., 10 ft. N. and 9 ft. E. from blazed elm tree, in concrete post; standard tablet stamped "1314 C W A 1934" -----	36	28	58.24	94	07	33.28	2,867
Rd. at fences N. and S. -----	36	28	56.4	94	08	05.8	2,662
T-rd. W. -----	36	28	43.8	94	08	22.4	1,861
T. 21 N., R. 30 W., quarter cor. between secs. 22 and 23, rd. at fences N. and S. -----	36	28	44.6	94	08	54.0	2,580
Rd. at fences E. and W. -----	36	28	48.7	94	09	26.3	2,671
Pea Ridge, Ark., 2 mi. N. and 2.8 mi. W. from, 300 ft. S. and 25 ft. W. from W. sixteenth cor. between secs. 15 and 22, T. 21 N., R. 30 W., 50 ft. S. and 120 ft. E. from SE. corner of dwelling on property of E. E. Gatlin, W. of rd., in concrete post; standard tablet stamped "1318 C W A 1934" -----	36	29	08.96	94	09	42.31	2,431
T-rd. N. -----	36	29	36.1	94	09	41.1	2,746
Rd. at fences N. and S. -----	36	29	49.7	94	10	13.6	2,990
Rd. at point E. of blazed post-oak tree on Ark.-Mo. State line -----	36	29	53.9	94	10	50.9	3,071
Rd. at point 25 ft. E. of blazed oak tree on Ark.-Mo. State line -----	36	29	54.6	94	11	15.6	2,017
Rd. fork N. -----	36	29	47.5	94	11	56.6	3,426
Bella Vista, Ark., 4.2 mi. N. and 0.8 mi. E. from, in NE 1/4 sec. 18, T. 21 N., R. 30 W., 10 ft. N. and 33 ft. W. from T-rd. W., 10 ft. N. and 2 ft. W. from rd. at fence N., 140 ft. S. of small dwelling on property of C. M. Goodnight, in concrete post; standard tablet stamped "1319 C W A 1934" -----	36	29	39.04	94	12	13.66	1,634
Rd. at fences N. and S. -----	36	29	48.4	94	12	38.8	2,261
Rd. at fence S. -----	36	30	03.9	94	13	04.6	2,623
Rd. at fence S. -----	36	30	18.8	94	13	45.8	3,683
Caverna, 2 mi. E. of, 15 ft. S. and 120 ft. E. from rd. at fence N. at N. sixteenth cor. sec. 36, T. 21 N., R. 31 W., 100 ft. N. and 60 ft. W. from NW. corner of dwelling on property of F. A. Houx, 54 ft. S. and 9 ft. E. from blazed oak tree, in concrete post; standard tablet stamped "1321 C W A 1934" -----	36	30	14.25	94	14	24.36	3,186
Rd. at fences N. and S. -----	36	30	23.2	94	14	57.8	2,877

(Continued in Noel quadrangle; see line 3.)

Magnetic declination 7° 46' E.

RITCHEY QUADRANGLE
(Latitude 36°45' - 37°00'; longitude 94°00' - 94°15')

Barry, Lawrence, McDonald, and Newton Counties



1. FROM MONETT QUADRANGLE NORTHWEST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY INTO SARCOXIE QUADRANGLE (by George T. Hawkins in 1900)
(Continued from Monett quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Pierce City, R.R. at sta. -----	36 56 41.4	94 00 10.6	
Snyder, R.R. at sta. -----	36 58 01.3	94 01 10.4	
T. 26 N., R. 28 W., quarter cor. between secs. 17 and 18 -----	36 58 06.5	94 01 31.6	
Wentworth, R.R. at sta. -----	36 59 43.0	94 04 23.2	

(Continued in Sarcoux quadrangle; see line 1.)

2. FROM SARCOXIE QUADRANGLE AT SEC. 1, T. 26 N., R. 30 W., SOUTH TO SEC. 25, T. 26 N., R. 30 W., THENCE EAST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY TO SEC. 26, T. 26 N., R. 29 W., THENCE EAST ALONG ROADS TO PIERCE CITY (by J. R. Ellis in 1909)
(Continued from Sarcoux quadrangle; see line 2.)

T. 26 N., R. 30 W., E. cor. secs. 1 and 12, T-rd. W. -----	36 59 31.8	94 09 06.6	(5,259)
T. 26 N., R. 29 W., W. cor. secs. 6 and 7, T-rd. E. -----	36 59 31.0	94 09 06.6	81
T. 26 N., R. 30 W., E. cor. secs. 12 and 13, T-rd. W. -----	36 58 39.5	94 09 08.2	5,210
T. 26 N., R. 29 W., W. cor. secs. 7 and 18, T-rd. E. -----	36 58 38.6	94 09 08.2	91
T. 26 N., R. 30 W., E. cor. secs. 13 and 24, T-rd. W. -----	36 57 47.0	94 09 09.9	5,219
T. 26 N., R. 29 W., W. cor. secs. 18 and 19, T-rd. E. -----	36 57 46.5	94 09 10.0	50
T. 26 N., R. 30 W., E. cor. secs. 24 and 25, T-rd. W. -----	36 56 54.8	94 09 11.4	5,229
T. 26 N., R. 29 W., W. cor. secs. 19 and 30, T-rd. E. -----	36 56 54.3	94 09 11.5	50
Ritchey, about 2.2 mi. E. of, in SW 1/4 sec. 30, T. 26 N., R. 29 W., 60 ft. S. and 50 ft. E. from rd. crossing; iron post stamped "Prim Trav Sta No 8 1909 Mo" -----	36 56 07.70	94 08 45.96	5,148
R.R. at rd. crossing, 240 ft. W. of milepost 294- Berwick, R.R. at sta., 190 ft. E. of rd. crossing -----	36 56 20.6	94 07 33.5	6,021
R.R. at Lawrence-Newton county line -----	36 56 00.0	94 05 39.9	9,458
T. 26 N., R. 29 W., cor. secs. 25, 26, 35, and 36, T-rd. W. at corner of Barry, Lawrence, and Newton Counties -----	36 56 12.9	94 03 45.1	9,429
T. 26 N., R. 29 W., cor. secs. 23, 24, 25, and 26, crossroads on Lawrence-Newton county line - Pierce City, 2 mi. W. of, cor. secs. 19, 24, 25, and 30, T. 26 N., R. 28 and 29 W., 25 ft. S. and 25 ft. W. from crossroads; iron post stamped "Prim Trav Sta No 9 1909 Mo" -----	36 55 54.7	94 03 45.7	1,852
T. 26 N., R. 29 W., cor. secs. 23, 24, 25, and 26, crossroads on Lawrence-Newton county line - Pierce City, 2 mi. W. of, cor. secs. 19, 24, 25, and 30, T. 26 N., R. 28 and 29 W., 25 ft. S. and 25 ft. W. from crossroads; iron post stamped "Prim Trav Sta No 9 1909 Mo" -----	36 56 46.8	94 03 43.9	5,280
T. 26 N., R. 28 W., cor. secs. 19, 20, 29, and 30, crossroads -----	36 56 45.17	94 02 39.02	5,263
T. 26 N., R. 28 W., cor. secs. 17, 18, 19, and 20, T-rd. E. -----	36 56 44.1	94 01 33.5	5,318
T. 26 N., R. 28 W., quarter cor. between secs. 17 and 18, T-rd. W. -----	36 57 36.4	94 01 31.8	5,290
	36 58 02.6	94 01 31.0	2,651

Station	Latitude	Longitude	Distance
Quinn, St. Louis-San Francisco Ry. at sta. -----	36 57 57.4	94 01 09.8	1,800
Pierce City Sta. (previously described) -----	36 56 37.6	94 00 10.0	9,427

3. FROM NEOSHO QUADRANGLE EAST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY TO SEC. 30, T. 26 N., R. 29 W. (by E. L. McNair in 1914)

Granby, R.R. at rd. crossing (In Neosho quadrangle; see line 1.) -----	36 56 33.5	94 15 58.0	.....
R.R. at rd. crossing about 1.5 mi. E. of Granby -	36 56 41.9	94 14 23.4	2,735
Shoal Creek, W. end of bridge 299.9 over -----	36 56 34.9	94 13 36.8	3,644
Shoal Creek, abutment at W. end of bridge 298.5 over -----	36 56 41.7	94 12 09.6	7,116
Ritchey, R.R. at rd. crossing, 100 ft. W. of sta. -----	36 56 32.0	94 11 08.9	5,017
R.R. at rd. crossing -----	36 56 21.4	94 10 17.9	4,279
R.R. at line between secs. 25 and 30, T. 26 N., Rs. 29 and 30 W. -----	36 56 10.5	94 09 12.9	5,391
Prim Trav Sta No 8 1909 Mo (previously described) -----	36 56 07.70	94 08 45.96	2,203

4. FROM NEOSHO QUADRANGLE AT SEC. 14, T. 24 N., R. 31 W., SOUTH INTO NEOSHO QUADRANGLE AT SEC. 23, T. 24 N., R. 31 W. (by E. L. McNair in 1914)

(Continued from Neosho quadrangle; see line 2.)

T-rd. N., about 150 ft. E. of small stream -----	36 47 37.4	94 14 57.2	(6,512)
--	------------	------------	---------

(Continued in Neosho quadrangle; see line 2.)

5. FROM MOUNTAIN QUADRANGLE AT SEC. 2, T. 23 N., R. 31 W., NORTHWEST INTO NEOSHO QUADRANGLE AT SEC. 35, T. 24 N., R. 31 W. (by C. N. Ackerman in 1934-35)

(Continued from Mountain quadrangle; see line 5.)

T. 23 N., R. 31 W., N. cor. secs. 1 and 2, T-rd. S., 30 ft. E. of T-rd. N. at S. cor. secs. 35 and 36, T. 24 N., R. 31 W. -----	36 45 11.8	94 14 15.5	(2,493)
T-rd. W. -----	36 45 38.7	94 14 14.7	2,728
T-rd. S. -----	36 45 39.8	94 14 46.9	2,620

(Continued in Neosho quadrangle; see line 3.)

6. FROM NEOSHO QUADRANGLE SOUTHEAST ALONG STATE HIGHWAYS 86 and 97 AND COUNTY ROUTE B INTO MONETT QUADRANGLE (by C. N. Ackerman in 1934-35)

Prim Trav Sta No 2 1914 Mo 1207 (In Neosho quadrangle; see line 1.) -----	36 52 41.22	94 15 51.07	.....
T. 25 N., R. 30 W., cor. secs. 17, 18, 19, and 20, crossroad -----	36 52 39.8	94 14 46.1	5,120
Crossroad -----	36 52 38.3	94 13 40.9	5,300
Newtonia, about 1.5 mi. W. of, 30 ft. S. and 60 ft. E. from crossroad, in concrete post; standard tablet stamped "1361 E R A 1935" -----	36 52 36.73	94 12 34.84	5,366
T. 25 N., R. 30 W., cor. secs. 14, 15, 22, and 23, crossroad -----	36 52 36.2	94 11 29.9	5,280
Junction of lane E. -----	36 52 22.5	94 11 06.0	2,380
Crossroad -----	36 51 42.9	94 10 42.8	4,427
Stark City, 1 mi. E. of, 33 ft. S. and 60 ft. E. from crossroad, in concrete post; standard tablet stamped "1362 E R A 1935" -----	36 51 41.87	94 10 09.45	2,711
Crossroad, 380 ft. S. of cor. secs. 19, 24, 25, and 30, T. 25 N., Rs. 29 and 30 W. -----	36 51 37.0	94 09 21.3	3,940
Crossroad -----	36 51 11.1	94 08 17.0	5,850
Fairview, about 2.4 mi. NW. of, 60 ft. S. and 70 ft. W. from crossroad, 84 ft. N. and 70 ft. W. from Missouri and North Arkansas Ry. at rd. crossing, in concrete post; standard tablet stamped "1363 E R A 1935" -----	36 50 45.23	94 07 13.59	5,777
T. 25 N., R. 29 W., approximate S. sixteenth cor. between secs. 33 and 34, crossroad -----	36 50 04.7	94 06 09.7	6,618
Fairview, in NW. part of, 24 ft. S. and 30 ft. E. from junction of rd. W., 70 ft. S. and 30 ft. E. from crossroad, in concrete post; standard tablet stamped "1364 E R A 1935" -----	36 49 15.96	94 05 31.94	5,802
T. 24 N., R. 29 W., cor. secs. 4, 5, 8, and 9, crossroad -----	36 49 13.8	94 04 27.3	5,260
Fairview, 1.8 mi. E. of, 40 ft. S. and 330 ft. E. from highway at fences N. and S., about 700 ft. W. of junction of County Route B (now State Highway 97), 20 ft. W. of farm entrance, in concrete post; standard tablet stamped "1365 E R A 1935" -----	36 49 11.42	94 03 34.64	4,288

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Junction of County Route T -----	36 49 10.0	94 03 16.8	1,461
Junction of rd. N. and lane S. -----	36 49 08.8	94 02 17.8	4,796
T. 24 N., R. 29 W., cor. secs. 1, 2, 11, and 12, junction of rd. N. -----	36 49 06.0	94 01 13.4	5,239
Purdy, 5 mi. W. of, 40 ft. N. and 360 ft. E. from junction of County Route E (now State Highway 97), 70 ft. S. and 160 ft. W. from large barn on property of Joe Burdolski, in concrete post; standard tablet stamped "1366 E R A 1935" -----	36 49 04.47	94 00 36.99	2,969
T. 24 N., Rs. 28 and 29 W., approximate cor. secs. 1, 6, 7, and 12, crossroad -----	36 49 03.1	94 00 09.5	2,238

(Continued in Monett quadrangle; see line 3.)

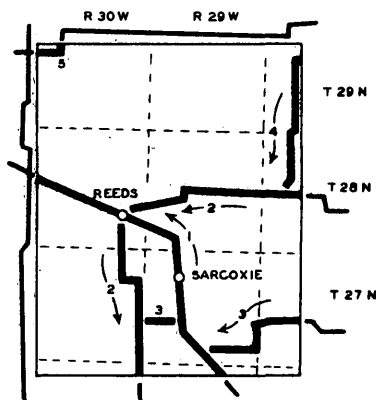
7. FROM SEC. 1, T. 24 N., R. 29 W., NORTH ALONG STATE HIGHWAY 97 TO
PIERCE CITY, THENCE WEST ALONG ROADS TO SEC. 30, T. 26 N., R. 26 W.
(by C. N. Ackerman in 1934-35)

1366 E R A 1935 (previously described) -----	36 49 04.47	94 00 36.99	.....
Crossroad -----	36 49 43.2	94 00 41.8	3,936
Junction of rd. E. -----	36 50 35.6	94 00 41.1	5,302
T. 25 N., R. 28 W., cor. secs. 20, 21, 28, and 29, crossroad -----	36 51 27.9	94 00 39.3	5,289
Pulaskifield, 0.2 mi. S. of, 820 ft. N. and 35 ft. W. from highway at fences E. and W., 65 ft. S. and 80 ft. E. from SE. corner of dwelling, 2 ft. E. of fence corner, in concrete post; standard tablet stamped "1373 E R A 1935" -----	36 52 02.16	94 00 38.49	3,461
Highway at fence W. -----	36 52 33.2	94 00 37.1	3,440
Junction of rd. W. -----	36 53 12.5	94 00 35.6	3,973
T. 25 N., R. 28 W., cor. secs. 4, 5, 8, and 9, junction of rd. W. -----	36 54 04.8	94 00 33.9	5,291
Monett, 4.5 mi. W. of, 50 ft. N. and 50 ft. E. from junction of State Highway 60, 2 ft. N. of fence, in concrete post; standard tablet stamped "1374 E R A 1935" -----	36 54 58.59	94 00 31.16	5,443
T. 26 N., R. 28 W., cor. secs. 28, 29, 32, and 33, crossroad -----	36 55 50.1	94 00 30.0	5,210
Pierce City, in S. part of, 50 ft. S. and 50 ft. W. from highway at S. rail of St. Louis-San Francisco Ry. sidetrack, 140 ft. E. of concrete pier of tank of Standard Oil Company, in con- crete post; standard tablet stamped "1375 E R A 1935" -----	36 56 37.01	94 00 15.16	4,892
T. 26 N., R. 28 W., quarter cor. between secs. 20 and 29, rd. at fences N. and S. -----	36 56 43.4	94 01 01.0	3,774
T. 26 N., R. 28 W., cor. secs. 19, 20, 29, and 30, crossroads -----	36 56 44.0	94 01 33.5	2,640
Prim Trav Sta No 9 1909 Mo (previously de- scribed) -----	36 56 45.17	94 02 39.02	5,323

Magnetic declination 7° 53' E.

SARCOXIE QUADRANGLE
(Latitude 37°00'-37°15'; longitude 94°00'-94°15')

Jasper, Lawrence, and Newton Counties



1. FROM RITCHEY QUADRANGLE NORTHWEST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY INTO CARTHAGE QUADRANGLE (by George T. Hawkins in 1900, rerun by J. H. Wilson in 1916)
(Continued from Ritchey quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Talmage, R.R. at sta. -----	37 00 53.9	94 05 35.6	
T. 27 N., R. 29 W., cor. secs. 27, 28, 33, and 34 -----	37 01 11.4	94 05 45.7	
T. 27 N., R. 29 W., quarter cor. between secs. 20 and 21 -----	37 02 31.4	94 06 47.8	
Sarcoxie, R.R. at sta. -----	37 03 58.9	94 07 00.6	
T. 28 N., R. 30 W., E. cor. secs. 25 and 36 -----	37 06 30.3	94 08 51.1	
Reeds, R.R. at sta. -----	37 07 02.0	94 10 04.2	
T. 28 N., R. 30 W., cor. secs. 17, 18, 19, and 20, 30 ft. S. of rd. crossing -----	37 08 23.1	94 11 14.6	
Knights, R.R. at sta. -----	37 08 31.3	94 14 59.4	

(Continued in Carthage quadrangle; see line 1.)

2. FROM STOTTS CITY QUADRANGLE AT SEC. 21, T. 28 N., R. 28 W., WEST TO REEDS, THENCE SOUTH INTO RITCHEY QUADRANGLE AT SEC. 1, T. 26 N., R. 30 W. (by J. R. Ellis in 1909)
(Continued from Stotts City quadrangle; see line 1.)

T-rd. E. -----	37 08 03.6	94 00 09.2	(5,313)
T-rd. S. -----	37 08 03.0	94 01 13.8	5,231
T. 28 N., R. 28 W., cor. secs. 17, 18, 19, and 20 -----	37 08 03.3	94 01 13.8	30
Larussell, 0.5 mi. S. and 1.5 mi. E. from, 20 ft. S. and 35 ft. E. from E. cor. secs. 13 and 24, T. 28 N., R. 29 W., 20 ft. S. and 30 ft. E. from T-rd. E. at W. cor. secs. 18 and 19, T. 28 N., R. 28 W., in pasture; iron post stamped "Prim Trav Sta No 5 1909 Mo" -----	37 08 04.29	94 02 17.66	5,166
T. 28 N., R. 29 W., E. cor. secs. 13 and 24, T-rd. N. (description doubtful) -----	37 08 05.5	94 02 18.1	124
T. 28 N., R. 29 W., cor. secs. 13, 14, 23, and 24, crossroads on Jasper-Lawrence county line -----	37 08 06.6	94 03 23.6	5,306
T. 28 N., R. 29 W., cor. secs. 14, 15, 22, and 23, crossroads -----	37 08 08.2	94 04 28.4	5,256
T. 28 N., R. 29 W., cor. secs. 15, 16, 21, and 22, crossroads -----	37 08 10.1	94 05 33.5	5,275
T. 28 N., R. 29 W., cor. secs. 16, 17, 20, and 21, T-rd. E. -----	37 08 11.7	94 06 39.4	5,345
T. 28 N., R. 29 W., cor. secs. 19, 20, 29, and 30, T-rd. W. -----	37 07 20.9	94 07 46.1	7,455
T. 28 N., R. 29 W., W. cor. secs. 19 and 30 -----	37 07 22.2	94 08 49.3	5,119
Reeds, 0.5 mi. N., thence 1 mi. E. from, 20 ft. N. and 170 ft. W. from E. cor. secs. 24 and 25, T. 28 N., R. 30 W.; iron post stamped "Prim Trav Sta No 6 1909 Mo" -----	37 07 23.38	94 08 51.18	190
T. 28 N., R. 30 W., cor. secs. 23, 24, 25, and 26, T-rd. N. -----	37 07 25.2	94 09 54.3	5,111
T-rd. S. -----	37 07 25.2	94 09 52.6	138

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Reeds, St. Louis-San Francisco Ry. at sta. -----	37 07 02.0	94 10 04.2	2,527
T. 28 N., R. 30 W., cor. secs. 25, 26, 35, and 36, crossroads -----	37 06 33.0	94 09 56.6	2,997
T. 28 N., R. 30 W., S. cor. secs. 35 and 36, near crossroads -----	37 05 40.7	94 09 59.0	5,293
T. 27 N., R. 30 W., N. cor. secs. 1 and 2, near crossroads -----	37 05 40.7	94 09 58.7	32
T-rd. E. to Plymouth mine -----	37 04 44.0	94 10 00.1	5,734
T. 27 N., R. 30 W., cor. secs. 11, 12, 13, and 14, crossroads -----	37 03 55.0	94 10 03.0	4,962
T. 27 N., R. 30 W., E. cor. secs. 12 and 13 -----	37 03 53.4	94 08 57.8	5,287
T. 27 N., R. 29 W., W. cor. secs. 7 and 18, rd. S. at jog in E-W. rd. -----	37 03 53.1	94 08 57.8	30
T. 27 N., Rs. 29 and 30 W., approximate cor. secs. 13, 18, 19, and 24, crossroads on Jasper-Newton county line -----	37 03 01.0	94 08 59.7	5,280
T. 27 N., R. 30 W., E. cor. secs. 24 and 25 -----	37 02 08.7	94 09 01.4	5,290
T. 27 N., R. 29 W., W. cor. secs. 19 and 30, 10 ft. S. of T-rd. N. -----	37 02 08.4	94 09 01.4	30
T. 27 N., R. 29 W., W. cor. secs. 30 and 31, T-rd. E. (? S.) -----	37 01 15.9	94 09 03.1	5,301
Sarcoxie, 4 mi. S., thence 2 mi. W. from, near St. Agnes Church, at SW. corner of crossroads, 30 ft. S. and 20 ft. W. from cor. Tps. 26 and 27 N., Rs. 29 and 30 W.; iron post stamped "Prim Trav Sta No 7 1909 Mo" -----	37 00 23.75	94 09 05.15	5,282

(Continued in Ritchey quadrangle; see line 2.)

3. FROM STOTTS CITY QUADRANGLE AT SEC. 21, T. 27 N., R. 28 W., WEST TO
SEC. 19, T. 27 N., R. 29 W. (by J. R. Ellis in 1909)
(Continued from Stotts City quadrangle; see line 2.)

T. 27 N., R. 28 W., cor. secs. 20, 21, 28, and 29, T-rd. W. near school -----	37 01 55.8	94 00 19.3	(5,274)
Crossroads -----	37 01 56.9	94 01 07.5	3,959
T. 27 N., R. 28 W., cor. secs. 19, 20, 29, and 30 -----	37 01 57.3	94 01 23.8	1,323
Dry Valley Church, 0.5 mi. N. of, 80 ft. S. and 35 ft. E. from E. cor. secs. 24 and 25, T. 27 N., R. 29 W., 15 ft. S. and 35 ft. E. from W. cor. secs. 19 and 30, T. 27 N., R. 28 W., near T-rd. E.; iron post stamped "Prim Trav Sta No 16 1909 Mo" -----	37 01 58.41	94 02 28.47	5,247
T-rd. N. -----	37 01 07.0	94 02 35.0	5,225
T. 27 N., R. 29 W., cor. secs. 25, 26, 35, and 36, crossroads on Lawrence-Newton county line -	37 01 08.5	94 03 35.6	4,917
T. 27 N., R. 29 W., cor. secs. 26, 27, 34, and 35, crossroads -----	37 01 10.1	94 04 40.5	5,265
T. 27 N., R. 29 W., cor. secs. 27, 28, 33, and 34, crossroads -----	37 01 11.6	94 05 45.5	5,273
T. 27 N., R. 29 W., cor. secs. 20, 21, 28, and 29 -----	37 02 05.5	94 06 48.7	7,487
T. 27 N., R. 29 W., cor. secs. 19, 20, 29, and 30, crossroads -----	37 02 07.1	94 07 54.2	5,306
T. 27 N., R. 29 W., W. cor. secs. 19 and 30 (previously described) -----	37 02 08.4	94 09 01.4	5,451

4. FROM STOTTS CITY QUADRANGLE AT SEC. 8, T. 29 N., R. 28 W., SOUTH TO
SEC. 19, T. 28 N., R. 28 W. (by J. H. Wilson in 1916)

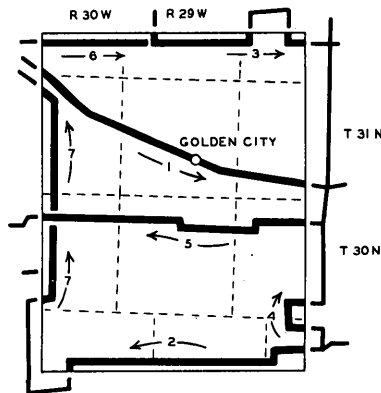
Prim Trav Sta No 7 1916 Mo 1205 (In Greenfield quadrangle; see line 2.) -----	37 15 40.29	93 59 58.78	.....
T. 29 N., R. 28 W., cor. secs. 8, 9, 16, and 17, T-rd. E. -----	37 14 08.7	94 00 01.0	9,254
T. 29 N., R. 28 W., cor. secs. 16, 17, 20, and 21, stone at fence W. -----	37 13 16.4	94 00 02.1	5,296
T. 29 N., R. 28 W., cor. secs. 20, 21, 28, and 29, T-rd. N. -----	37 12 24.2	94 00 03.2	5,281
T. 29 N., R. 28 W., E. sixteenth cor. between secs. 29 and 32, stone at center of crossroads- Tps. 28 and 29 N., R. 28 W., approximate E. six- teenth cor. between secs. 5 and 32, crossroads- T. 28 N., R. 28 W., quarter cor. between secs. 5 and 8, T-rd. S. -----	37 11 32.2	94 00 20.6	5,441
T. 28 N., R. 28 W., E. sixteenth cor. between secs. 29 and 32, stone at center of crossroads- Tps. 28 and 29 N., R. 28 W., approximate E. six- teenth cor. between secs. 5 and 32, crossroads- T. 28 N., R. 28 W., quarter cor. between secs. 5 and 8, T-rd. S. -----	37 10 40.0	94 00 21.6	5,286
T-rd. E., 25 ft. NW. of gate -----	37 09 46.7	94 00 38.8	5,568
T-rd. S. (previously described) -----	37 08 47.3	94 00 40.1	6,008
T. 28 N., R. 28 W., cor. secs. 17, 18, 19, and 20 (previously described) -----	37 08 03.0	94 01 13.8	5,249
	37 08 03.3	94 01 13.8	30

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
5. FROM GOLDEN CITY QUADRANGLE AT SEC. 7, T. 29 N., R. 30 W., SOUTHWEST INTO CARTHAGE QUADRANGLE AT SEC. 18, T. 29 N., R. 30 W. (by J. H. Wilson in 1916)			
(Continued from Golden City quadrangle; see line 2.)			
T. 29 N., R. 30 W., cor. secs. 7, 8, 17, and 18, stone at crossroads at Elmore School -----	37 14 29.7	94 14 04.0	(7,472)
(Continued in Carthage quadrangle; see line 4.)			

Magnetic declination in 1919, 7° 45' E.

GOLDEN CITY QUADRANGLE
(Latitude 37°15'-37°30'; longitude 94°00'-94°15')

Barton, Dade, Jasper, and Lawrence Counties



1. FROM JASPER QUADRANGLE SOUTHEAST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY INTO GREENFIELD QUADRANGLE (by George T. Hawkins in 1900)
(Continued from Jasper quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Kenoma, R.R. at sta. -----	37 26 14.5	94 11 56.4	
T. 31 N., Rs. 29 and 30 W., approximate cor. -----			
secs. 13, 18, 19, and 24 -----	37 25 32.8	94 10 16.1	
Golden City, R.R. at sta. -----	37 23 58.0	94 05 26.8	
T. 31 N., R. 29 W., center sec. 26 -----	37 23 56.7	94 05 22.1	
T. 31 N., R. 28 W., cor. secs. 29, 30, 31, and 32 -----	37 23 25.0	94 02 38.5	
(Continued in Greenfield quadrangle; see line 1.)			

2. FROM GREENFIELD QUADRANGLE AT SEC. 5, T. 29 N., R. 28 W., WEST INTO SARCOXIE QUADRANGLE AT SEC. 7, T. 29 N., R. 30 W. (by J. H. Wilson in 1916)
(Continued from Greenfield quadrangle; see line 2.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T-rd. E. on line between secs. 5 and 6, T. 29 N., R. 28 W. -----	37 15 41.3	94 01 03.9	(5,264)
T. 29 N., R. 28 W., cor. secs. 5, 6, 7, and 8, T-rd. W. -----	37 15 02.1	94 01 04.8	3,961
T. 29 N., R. 29 W., E. cor. secs. 1 and 12, T-rd. W., 70 ft. N. of T-rd. E. at W. cor. secs. 6 and 7, T. 29 N., R. 28 W. -----	37 15 03.6	94 02 06.8	5,018
T. 29 N., R. 29 W., cor. secs. 1, 2, 11, and 12, crossroads on Jasper-Lawrence county line -----	37 15 06.3	94 03 11.3	5,219
T. 29 N., R. 29 W., cor. secs. 2, 3, 10, and 11, crossroads -----	37 15 07.7	94 04 17.4	5,345
T. 29 N., R. 29 W., cor. secs. 3, 4, 9, and 10, crossroads -----	37 15 09.3	94 05 22.3	5,256
T. 29 N., R. 29 W., cor. secs. 4, 5, 8, and 9, stone at crossroads -----	37 15 10.9	94 06 28.3	5,334

Station	Latitude	Longitude	Distance
	" ' "	" ' "	Feet
T. 29 N., R. 29 W., cor. secs. 5, 6, 7, and 8, 26 ft. S. and 56 ft. W. from crossroads, 2 ft. N. of N. side of store building of H. T. Boyd; iron post stamped "Prim Trav Sta No 8 1916 Mo 1100" -----	37 15 12.01	94 07 32.83	5,222
T. 29 N., R. 29 W., W. cor. secs. 6 and 7, T-rd. E., 140 ft. S. of T-rd. W. at E. cor. secs. 1 and 12, T. 29 N., R. 30 W. -----	37 15 13.7	94 08 35.4	5,060
T. 29 N., R. 30 W., cor. secs. 1, 2, 11, and 12, crossroads -----	37 15 16.2	94 09 41.2	5,328
T. 29 N., R. 30 W., cor. secs. 2, 3, 10, and 11, crossroads at Deer Creek School -----	37 15 17.4	94 10 46.7	5,300
T. 29 N., R. 30 W., cor. secs. 3, 4, 9, and 10, crossroads -----	37 15 18.8	94 11 51.9	5,270
T. 29 N., R. 30 W., cor. secs. 4, 5, 8, and 9, T-rd. E. -----	37 15 20.4	94 12 56.9	5,260

(Continued in Sarcoux quadrangle; see line 5.)

3. FROM MONTEVALLO QUADRANGLE AT SEC. 20, T. 32 N., R. 29 W., EAST ALONG
U.S. HIGHWAY 160 TO SEC. 22, T. 32 N., R. 29 W., THENCE EAST ALONG
ROADS INTO GREENFIELD QUADRANGLE AT SEC. 22, T. 32 N., R. 28 W.
(by C. N. Ackerman in 1934)

(Continued from Montevallo quadrangle; see line 5.)

T. 32 N., R. 29 W., cor. secs. 19, 20, 29, and 30, 87 ft. S. and 25 ft. E. from crossroad, in concrete post; standard tablet stamped "205 C W A 1934" -----	37 29 47.63	94 09 03.44	(2,731)
Highway at hedge fence S. -----	37 29 46.6	94 08 30.9	2,626
T. 32 N., R. 29 W., cor. secs. 20, 21, 28, and 29, crossroad -----	37 29 44.7	94 07 58.1	2,651
Highway at fence N. and hedge fence S. -----	37 29 44.1	94 07 25.1	2,660
Junction of rd. N. -----	37 29 43.5	94 06 52.1	2,660
Highway at fences N. and S. -----	37 29 42.3	94 06 18.8	2,690
T. 32 N., R. 29 W., cor. secs. 22, 23, 26, and 27, 24 ft. N. and 87 ft. E. from crossroads, in concrete post; standard tablet stamped "204 C W A 1934" -----	37 29 41.03	94 05 44.29	2,784
Rd. at fence N. -----	37 29 39.7	94 05 12.1	2,598
T-rd. N. at old lane S. -----	37 29 38.3	94 04 38.9	2,680
Rd. at fence S. -----	37 29 37.3	94 04 05.3	2,710
T. 32 N., R. 29 W., E. cor. secs. 24 and 25, T-rd. W., 70 ft. S. of T-rd. E. at W. cor. secs. 19 and 30, T. 32 N., R. 28 W. -----	37 29 36.5	94 03 32.0	2,689

(For balance in Montevallo quadrangle; see line 6.)

Crossroads -----	37 29 35.4	94 01 23.4	(2,650)
T-rd. N. -----	37 29 34.9	94 00 48.4	2,661
T. 32 N., R. 28 W., cor. secs. 21, 22, 27, and 28, crossroads -----	37 29 34.2	94 00 17.6	2,650

(Continued in Greenfield quadrangle; see line 8.)

4. FROM GREENFIELD QUADRANGLE AT SEC. 34, T. 30 N., R. 28 W., NORTH AND
EAST INTO GREENFIELD QUADRANGLE AT SEC. 27, T. 30 N., R. 28 W.
(by L. O. Casselman in 1934)

(Continued from Greenfield quadrangle; see line 4.)

T-rd. N. -----	37 17 20.1	94 00 36.3	(3,270)
T-rd. S. -----	37 17 20.7	94 01 01.7	2,051
T-rd. N. -----	37 17 21.7	94 01 43.2	3,354
Rd. at fences E. and W. -----	37 17 48.0	94 01 42.3	2,661
T. 30 N., R. 28 W., cor. secs. 28, 29, 32, and 33, crossroads -----	37 18 14.1	94 01 41.2	2,646
T. 30 N., R. 28 W., near quarter cor. between secs. 28 and 33, 12 ft. S. and 2 ft. W. from NW. corner of front yard of H. T. Finke, 40 ft. S. of rd., in concrete post; standard tablet stamped "110 C W A 1934" -----	37 18 12.95	94 01 00.45	3,295
T. 30 N., R. 28 W., cor. secs. 27, 28, 33, and 34, crossroads -----	37 18 12.8	94 00 35.7	1,997
Rd. at fences N. and S. -----	37 18 12.0	94 00 02.8	2,661

(Continued in Greenfield quadrangle; see line 4.)

5. FROM GREENFIELD QUADRANGLE AT SEC. 10, T. 30 N., R. 28 W., WEST INTO
JASPER QUADRANGLE AT SEC. 8, T. 30 N., R. 30 W. (by G. H. Chapman
in 1934)

(Continued from Greenfield quadrangle; see line 6.)

T. 30 N., R. 28 W., cor. secs. 3, 4, 9, and 10, crossroads -----	37 21 43.2	94 00 29.4	(2,630)
Rd. at fences N. and S. -----	37 21 44.0	94 01 01.5	2,590

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Crossroads -----	37 21 44.7	94 01 33.7	2,600
Rd. at fences N. and S. -----	37 21 45.4	94 02 06.5	2,651
T-rd. E. -----	37 21 46.2	94 02 39.2	2,640
T. 30 N., R. 28 W., cor. secs. 5, 6, 7, and 8, 310 ft. S. and 30 ft. E. from T-rd. E., 12 ft. N. of fence, in concrete post; standard tablet stamped "507 C W A 1934" -----	37 21 43.15 37 21 20.0 37 21 20.7	94 02 38.98 94 02 40.0 94 03 13.1	310 2,339 2,670
T-rd. W. -----			
Rd. at hedge fences N. and S. -----			
T. 30 N., Rs. 28 and 29 W., approximate quarter cor. between secs. 7 and 12, crossroads -----	37 21 21.3	94 03 47.8	2,810
Rd. at hedge fence S. -----	37 21 22.0	94 04 21.2	2,696
T-rd. S. -----	37 21 23.2	94 04 54.4	2,677
Rd. at fences N. and S. -----	37 21 24.0	94 05 27.3	2,663
T-rd. E. -----	37 21 24.6	94 06 00.4	2,671
T. 30 N., R. 29 W., near N. sixteenth cor. be- tween secs. 10 and 11, 215 ft. N. of dwelling, 35 ft. W. of N.-S. rd., 20 ft. W. of fence, 3 ft. S. of E.-W. fence, in concrete post; standard tablet stamped "249 C W A 1934" -----	37 21 38.33	94 06 00.37	1,384
T. 30 N., R. 29 W., quarter cor. between secs. 3 and 10 -----	37 21 52.0	94 06 32.3	2,928
Crossroads -----	37 21 53.0	94 07 05.0	2,640
Rd. at fences N. and S. -----	37 21 53.8	94 07 38.1	2,670
Crossroads -----	37 21 54.4	94 08 10.9	2,651
Rd. at fences N. and S. -----	37 21 55.0	94 08 44.0	2,671
T. 30 N., R. 29 W., in NW 1/4 sec. 8, 37 ft. S. of rd., 15 ft. S. of fence, 3 ft. E. of N.-S. fence, in corner of field, in concrete post; standard tablet stamped "401 C W A 1934" -----	37 21 54.81 37 21 55.6 37 21 56.1	94 08 53.67 94 09 16.4 94 09 49.9	783 1,840 2,701
Crossroads -----			
Rd. at fences N. and S. -----			
Crossroads near approximate cor. secs. 1, 6, 7, ' and 12, T. 30 N., Rs. 29 and 30 W. -----	37 21 57.6	94 10 21.1	2,524
Rd. at hedge fence -----	37 21 58.2	94 10 54.5	2,699
Crossroads -----	37 21 58.6	94 11 27.8	2,690
Coon Creek, center of bridge over -----	37 21 59.6	94 12 07.6	3,210
T. 30 N., R. 30 W., cor. secs. 2, 3, 10, and 11, 27 ft. S. and 420 ft. W. from crossroads, 37 ft. N. and 90 ft. E. from NE. corner of dwelling, in concrete post; standard tablet stamped "248 C W A 1934" -----	37 22 00.03 37 22 01.1	94 12 39.26 94 13 07.3	2,559 2,269
Rd. at fences N. and S. -----			
T. 30 N., R. 30 W., cor. secs. 3, 4, 9, and 10, crossroads -----	37 22 02.1	94 13 40.2	2,659
T. 30 N., R. 30 W., quarter cor. between secs. 4 and 9 -----	37 22 02.9	94 14 13.0	2,650
Crossroads -----	37 22 03.6	94 14 46.0	2,660

(Continued in Jasper quadrangle; see line 3.)

6. FROM JASPER QUADRANGLE EAST ALONG U.S. HIGHWAY 160 TO SEC. 20, T. 32 N.,
R. 29 W. (by J. W. Fothergill in 1934)
(Continued from Jasper quadrangle; see line 12.)

Crossroad -----	37 29 31.4	94 14 34.9	(2,709)
Junction of rd. S., 20 ft. W. of highway at fence N. at center sec. 28, T. 32 N., R. 30 W. -----	37 29 30.5	94 14 02.0	2,650
Crossroad -----	37 29 29.5	94 13 28.5	2,710
Highway at fences N. and S. -----	37 29 28.7	94 12 55.2	2,679
T. 32 N., R. 30 W., quarter cor. between secs. 26 and 27, 38 ft. N. and 234 ft. E. from cross- road, in concrete post; standard tablet stamped "1204 C W A 1934" -----	37 29 28.10 37 29 27.1	94 12 19.42 94 11 48.9	2,888 2,459
Highway at hedge fence S. -----			
Crossroad, 20 ft. S. and 20 ft. W. from S. end of bridge over Muddy Creek -----	37 29 47.0	94 11 19.2	3,130
T. 32 N., R. 30 W., cor. secs. 23, 24, 25, and 26, junction of rd. E. -----	37 29 52.6	94 11 15.2	652
Crossroad on line between secs. 19 and 24, T. 32 N., Rs. 29 and 30 W. -----	37 29 56.1	94 10 08.4	5,396
Junction of rd. N. at fence S. -----	37 29 49.5	94 09 36.6	2,645
203 C W A 1934 (previously described) -----	37 29 47.63	94 09 03.44	2,684

7. FROM JASPER QUADRANGLE AT SEC. 6, T. 29 N., R. 30 W., NORTH INTO JASPER
QUADRANGLE AT SEC. 5, T. 31 N., R. 30 W. (by J. W. Fothergill in 1934)
(Continued from Jasper quadrangle; see line 8.)

Rd. at hedge fence W. -----	37 18 07.0	94 14 54.4	(2,839)
T. 30 N., R. 30 W., cor. secs. 28, 29, 32, and 33, crossroads -----	37 18 33.3	94 14 53.5	2,669
Rd. at hedge fences E. and W. -----	37 18 59.6	94 14 52.6	2,660

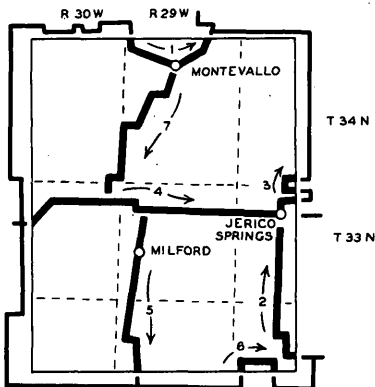
Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	
Crossroads -----	37	19	26.0	94	14	51.7	2,670
Rd. at hedge fences E. and W. -----	37	19	52.4	94	14	50.9	2,670
Jasper, 3 mi. E. of, along County Route K, cor. secs. 16, 17, 20, and 21, T. 30 N., R. 30 W., 31 ft. N. and 22 ft. W. from crossroad, in concrete post; standard tablet stamped "1212 C W A 1934" -----	37	20	19.00	94	14	50.18	2,691
Rd. at hedge fence W. and fence E., 86 ft. S. of S. end of bridge over creek -----	37	20	45.1	94	14	48.9	2,639
Crossroads on Barton-Jasper county line -----	37	21	11.5	94	14	48.0	2,670
Rd. at hedge fences -----	37	21	37.5	94	14	46.9	2,629
Crossroads (previously described) -----	37	22	03.6	94	14	46.0	2,649
T. 30 N., R. 30 W., quarter cor. between secs. 4 and 5, rd. at hedge fences E. and W. -----	37	22	29.7	94	14	45.0	2,640
T. 30 N., R. 30 W., N. cor. secs. 4 and 5, 39 ft. E. of T-rd. S., 25 ft. S. of E.-W. rd., in concrete post; standard tablet stamped "1213 C W A 1934" -----	37	22	55.74	94	14	43.45	2,634
Rd. at fences E. and W. -----	37	23	22.2	94	14	42.3	2,679
T. 31 N., R. 30 W., cor. secs. 28, 29, 32, and 33, on County Route D, 40 ft. S. and 28 ft. E. from crossroad, in concrete post; standard tablet stamped "1214 C W A 1934" -----	37	23	48.12	94	14	40.90	2,622
Rd. at hedge fence W. and fence E. -----	37	24	14.8	94	14	40.2	2,698
T. 31 N., R. 30 W., cor. secs. 20, 21, 28, and 29, T-rd. W. -----	37	24	41.0	94	14	39.2	2,650
Rd. at fence E. -----	37	25	07.2	94	14	38.1	2,658
Crossroads -----	37	25	33.4	94	14	37.1	2,650
T. 31 N., R. 30 W., cor. secs. 8, 9, 16, and 17, 26 ft. N. and 20 ft. W. from crossroads, in concrete post; standard tablet stamped "1215 C W A 1934" -----	37	26	26.34	94	14	36.20	5,352
Rd. at fences E. and W. -----	37	26	52.2	94	14	35.0	2,619
T. 31 N., R. 30 W., cor. secs. 4, 5, 8, and 9, crossroads -----	37	27	18.5	94	14	34.6	2,660
Rd. at fence E. -----	37	27	44.8	94	14	34.6	2,660
T. 31 N., R. 30 W., N. cor. secs. 4 and 5, 25 ft. E. of T-rd. S., 22 ft. S. of E.-W. rd., in concrete post; standard tablet stamped "1216 C W A 1934" -----	37	28	12.21	94	14	34.34	2,771

(Continued in Jasper quadrangle; see line 10.)

Magnetic declination 7° 33' E.

MONTEVALLO QUADRANGLE
(Latitude 37°30'-37°45'; longitude 94°00'-94°15')

Barton, Cedar, Dade, and Vernon Counties



1. FROM WALKER QUADRANGLE AT SEC. 1, T. 34 N., R. 30 W., SOUTHEAST AND NORTHEAST INTO WALKER QUADRANGLE AT SEC. 3, T. 34 N., R. 29 W. (by W. V. Kennedy in 1934)
(Continued from Walker quadrangle; see line 4.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T-rd. N. -----	37 44 56.5	94 09 52.5	(2,666)
McCarthy Creek, center of bridge over -----	37 44 52.9	94 08 56.9	4,479
T-rd. N. -----	37 44 52.0	94 08 30.2	2,154
T. 34 N., R. 29 W., in NE 1/4 sec. 6, 185 ft. N. and 21 ft. W. from rd. corner from N.-E., in front yard of G. W. Faith, 3 ft. S. and 3 ft. W. from telephone pole, in concrete post; standard tablet stamped "295 C W A 1934" -----	37 44 40.69	94 08 29.55	1,147
Rd. corner from N.-E. at private drive W. -----	37 44 25.4	94 08 14.0	1,986
T-rd. W. in NE 1/4 sec. 5, T. 34 N., R. 29 W. -----	37 44 22.8	94 07 24.8	3,964
T-rd. N. -----	37 43 56.8	94 07 25.8	2,636
T-rd. S. -----	37 43 36.1	94 06 42.0	4,094
Montevallo, crossroads at -----	37 43 34.6	94 06 29.5	1,016
Montevallo, in NE 1/4 sec. 4, T. 34 N., R. 29 W., 29 ft. N. and 50 ft. E. from T-rd. N., 3 ft. S. and 5 ft. E. from fence corner, in concrete post; standard tablet stamped "267 C W A 1934" -----	37 43 34.71	94 06 24.55	400
Rd. at fence W. -----	37 43 54.4	94 06 21.2	2,008
T-rd. S. in NE 1/4 sec. 4, T. 34 N., R. 29 W. -----	37 44 20.5	94 06 22.4	2,643
T-rd. E. -----	37 44 58.7	94 05 53.9	4,492
Center of bridge over small creek -----	37 44 57.9	94 05 33.9	1,611

(Continued in Walker quadrangle; see line 5.)

2. FROM STOCKTON QUADRANGLE AT SEC. 15, T. 32 N., R. 28 W., NORTH INTO STOCKTON QUADRANGLE AT JERICO SPRINGS (by C. N. Ackerman and L. O. Casselman in 1934)
(Continued from Stockton quadrangle; see line 3.)

Private rd. S. at fences E. and W. -----	37 30 53.0	94 00 14.6	(3,762)
T-rd. N. -----	37 31 19.4	94 00 13.7	2,670
T. 32 N., R. 28 W., cor. secs. 3, 4, 9, and 10, crossroads -----	37 32 11.9	94 00 12.0	5,320
Rd. corner from NE.-N. -----	37 32 38.6	94 00 28.1	2,988
Rd. at fence W. -----	37 33 03.4	94 00 27.7	2,513
T. 33 N., R. 28 W., near center sec. 33, 985 ft. E. of T-rd. N., 340 ft. W. of T-rd. S., 22 ft. N. of E.-W. rd., 4 ft. N. of fence, in concrete post; standard tablet stamped "117 C W A 1934" -----	37 33 30.06	94 00 30.26	2,707
T. 33 N., R. 28 W., quarter cor. between secs. 28 and 33, crossroads -----	37 33 56.5	94 00 41.7	2,827
Rd. at fences E. and W. -----	37 34 22.7	94 00 40.9	2,651
T-rd. W. on Cedar-Dade county line -----	37 34 49.2	94 00 40.0	2,681
Rd. at fence W. and hedge fence E. -----	37 35 15.2	94 00 39.2	2,640
Jerico Springs, 1.6 mi. S. of, quarter cor. between secs. 16 and 21, T. 33 N., R. 28 W., 88 ft. N. and 31 ft. W. from crossroads, in concrete post; standard tablet stamped "118 C W A 1934" -----	37 35 42.34	94 00 38.53	2,744
Rd. at fence W. and hedge fence E. -----	37 36 07.8	94 00 37.4	2,578

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 33 N., R. 28 W., quarter cor. between secs. 9 and 16, T-rd. E. -----	37 36 34.1	94 00 36.3	2,665
Jerico Springs, crossroads NW. of high school -----	37 37 02.2	94 00 37.0	2,838
Jerico Springs, T-rd. W. at -----	37 37 13.8	94 00 21.4	1,721
124 C W A 1934 (In Stockton quadrangle; see line 2.) -----	37 37 26.95	94 00 00.33	2,152

3. FROM STOCKTON QUADRANGLE AT SEC. 3, T. 33 N., R. 28 W., NORTH INTO STOCKTON QUADRANGLE AT SEC. 34, T. 34 N., R. 28 W. (by C. N. Ackerman in 1934)

(Continued from Stockton quadrangle; see line 2.)

Rd. at fence E. -----	37 37 51.5	94 00 00.8	(2,483)
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(Continued in Stockton quadrangle; see line 2.)

4. FROM SHELTON QUADRANGLE AT SEC. 8, T. 33 N., R. 30 W., EAST INTO STOCKTON QUADRANGLE AT JERICHO SPRINGS (by C. N. Ackerman in 1934)

T T 3 B 1933 (In Sheldon quadrangle; see line 2.) -----	37 37 01.21	94 15 26.51	.....
Rd. at fences N. and S. -----	37 36 59.7	94 14 53.2	2,686
Center of N.-S. rd. at point 535 ft. N. of crossroads at cor. secs. 8, 9, 16, and 17, T. 33 N., R. 30 W. -----	37 37 04.1	94 14 19.9	2,720
Rd. at fence E. -----	37 37 25.2	94 14 19.3	2,735
T. 33 N., R. 30 W., cor. secs. 4, 5, 8, and 9 -----	37 37 51.3	94 14 18.7	2,645
Rd. at fences N. and S. -----	37 37 50.4	94 13 45.6	2,659
T. 33 N., R. 30 W., cor. secs. 3, 4, 9, and 10, 59 ft. S. and 29 ft. E. from crossroads, in concrete post; U.S.C. & G.S. and State Survey standard disk stamped "120 C W A 1934" -----	37 37 49.42	94 13 12.00	2,708
Rd. at fences N. and S. -----	37 37 48.9	94 12 39.0	2,659
T. 33 N., R. 30 W., cor. secs. 2, 3, 10, and 11, crossroads -----	37 37 47.8	94 12 05.5	2,699
Rd. at fences N. and S. -----	37 37 47.0	94 11 32.2	2,680
Crossroads -----	37 37 46.2	94 10 58.9	2,679
Rd. at fences N. and S. -----	37 37 45.2	94 10 26.0	2,650
T. 33 N., R. 29 and 30 W., cor. secs. 1, 6, 7, and 12, 16 ft. N. (? S.) and 187 ft. E. from crossroads, in concrete post; U.S.C. & G.S. and State Survey standard disk stamped "121 C W A 1934" -----	37 37 44.00	94 09 50.63	2,847
Rd. at fences N. and S. -----	37 37 43.0	94 09 18.8	2,560
T. 33 N., R. 29 W., cor. secs. 5, 6, 7, and 8, crossroads -----	37 37 41.8	94 08 45.8	2,660
Rd. at fence S. -----	37 37 40.5	94 08 12.7	2,666
Crossroads -----	37 37 39.1	94 07 40.3	2,612
Rd. at fences N. and S. -----	37 37 37.3	94 07 07.6	2,639
T. 33 N., R. 29 W., cor. secs. 3, 4, 9, and 10, 24 ft. S. and 436 ft. E. from rd. at fences N. and S., on property of M. E. Devine, in concrete post; U.S.C. & G.S. and State Survey standard disk stamped "122 C W A 1934" -----	37 37 35.25	94 06 29.64	3,061
Horse Creek, W. end of bridge over -----	37 37 34.5	94 06 05.2	1,969
T. 33 N., R. 29 W., cor. secs. 2, 3, 10, and 11, T-rd. S. -----	37 37 33.0	94 05 31.0	2,753
Crossroads -----	37 37 31.4	94 04 58.5	2,626
Rd. at fences N. and S. on Barton-Cedar county line -----	37 37 30.0	94 04 26.0	2,619
T-rd. N. at fence S. -----	37 37 29.0	94 03 53.3	2,630
T. 33 N., R. 29 W., E. cor. secs. 1 and 12, 133 ft. N. and 23 ft. W. from T-rd. W., 10 ft. S. and 23 ft. W. from T-rd. E. at W. cor. secs. 6 and 7, T. 33 N., R. 28 W., in concrete post; U.S.C. & G.S. and State Survey standard disk stamped "123 C W A 1934" -----	37 37 29.29	94 03 20.81	2,618
Rd. at fences N. and S. -----	37 37 28.6	94 02 47.7	2,663
T. 33 N., R. 28 W., cor. secs. 5, 6, 7, and 8, crossroads -----	37 37 27.9	94 02 14.5	2,676
Rd. at fence S., 42 ft. W. of W. end of bridge -----	37 37 27.6	94 01 41.2	2,680
Crossroads -----	37 37 27.3	94 01 24.2	1,370
T-rd. N. -----	37 37 27.2	94 01 07.5	1,340
Jerico Springs, junction of main street S., 115 ft. W. of T-rd. N. at quarter cor. between secs. 4 and 9, T. 33 N., R. 28 W. -----	37 37 26.9	94 00 36.1	2,530

(Continued in Stockton quadrangle; see line 2.)

5. FROM SEC. 5, T. 33 N., R. 29 W., SOUTH INTO GOLDEN CITY QUADRANGLE AT SEC. 20, T. 32 N., R. 29 W. (by C. N. Ackerman in 1934)

Crossroads (previously described) -----	37 37 41.8	94 08 45.8	.....
Rd. at fence W. and hedge fence E. -----	37 37 15.6	94 08 47.0	2,649

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 33 N., R. 29 W., cor. secs. 7, 8, 17, and 18,			
T-rd. N. -----	37 36 49.3	94 08 48.1	2,669
T-rd. S. -----	37 36 50.0	94 09 04.6	1,328
Rd. at fences E. and W. -----	37 36 23.9	94 09 05.6	2,634
Rd. corner from N.-W. -----	37 35 57.6	94 09 07.0	2,668
T-rd. S. -----	37 35 58.0	94 09 23.5	1,323
T-rd. E. -----	37 35 31.8	94 09 24.6	2,647
Milford, 147 ft. N. and 28 ft. E. from cross-			
roads, in concrete post; standard tablet			
stamped "201 C W A 1934" -----	37 35 09.84	94 09 25.20	2,228
County Route C at crossroad -----	37 35 05.3	94 09 25.8	461
T. 33 N., R. 29 W., center sec. 30, rd. at fence			
E. -----	37 34 39.1	94 09 26.7	2,650
Crossroads -----	37 34 12.9	94 09 27.8	2,649
Rd. at fence E. and hedge fence W. -----	37 33 43.9	94 09 28.7	2,939
Tps. 32 and 33 N., R. 29 W., approximate quarter			
cor. between secs. 6 and 31, crossroads -----	37 33 21.2	94 09 29.2	2,301
Rd. at fence W. -----	37 32 56.7	94 09 29.6	2,469
Milford, 3 mi. S. of, quarter cor. between secs.			
6 and 7, T. 32 N., R. 29 W., 28 ft. S. and			
3 ft. E. from T-rd. N., in concrete post;			
standard tablet stamped "202 C W A 1934" -----	37 32 26.05	94 09 30.98	3,107
T-rd. S. -----	37 32 25.2	94 08 58.2	2,642
Rd. at fence W. -----	37 31 59.2	94 08 59.0	2,631
T. 32 N., R. 29 W., cor. secs. 7, 8, 17, and 18,			
crossroads -----	37 31 33.0	94 08 59.8	2,650
Rd. at fence E. and hedge fence W. -----	37 31 06.9	94 09 00.8	2,640
Crossroads -----	37 30 40.7	94 09 01.9	2,651
Rd. at fences E. and W. -----	37 30 14.6	94 09 02.8	2,640

(Continued in Golden City quadrangle; see line 3.)

6. FROM GOLDEN CITY QUADRANGLE AT SEC. 24, T. 32 N., R. 29 W., EAST INTO
GOLDEN CITY QUADRANGLE AT SEC. 20, T. 32 N., R. 28 W. (by C. N. Ackerman
in 1934)

(Continued from Golden City quadrangle; see line 3.)

Rd. at fence W. -----	37 30 02.8	94 03 31.1	(2,665)
T. 32 N., Rs. 28 and 29 W., approximate N. six-			
teenth cor. between secs. 19 and 24, T-rd. E. -	37 30 16.2	94 03 30.6	1,355
Rd. corner -----	37 30 12.5	94 03 02.7	2,286
T. 32 N., R. 28 W., quarter cor. between secs. 19			
and 20, 36 ft. S. and 33 ft. W. from T-rd. S.,			
in concrete post; standard tablet stamped			
"205 C W A 1934" -----	37 30 01.94	94 02 29.56	2,876
T. 32 N., R. 28 W., center sec. 20, rd. at			
fence S. -----	37 30 02.0	94 01 55.7	2,727
Maple Grove Church, T-rd. W. at -----	37 30 01.6	94 01 23.0	2,640

(Continued in Golden City quadrangle; see line 3.)

7. FROM MONTEVALLO SOUTH TO SEC. 12, T. 33 N., R. 30 W. (by C. D. Craig
in 1936)

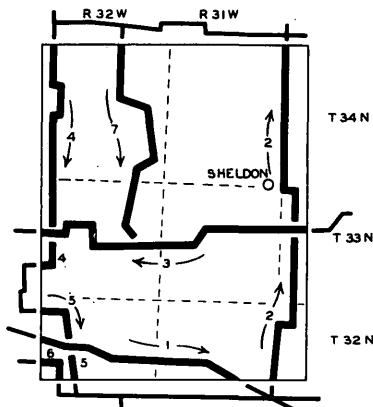
267 C W A 1934 (previously described) -----	37 43 34.71	94 06 24.55	.....
T-rd. S. -----	37 43 28.9	94 06 38.5	1,263
T-rd. W., 225 ft. N. of rd. corner from N.-E. at			
E. sixteenth cor. between secs. 4 and 9, T. 34			
N., R. 29 W. -----	37 42 52.1	94 06 40.2	3,723
T-rd. W. -----	37 42 50.8	94 07 12.7	2,616
Rd. at fences E. and W. -----	37 42 24.8	94 07 13.7	2,635
Montevallo, 2 mi. S. and 1 mi. W. from, cor.			
secs. 8, 9, 16, and 17, T. 34 N., R. 29 W.,			
20 ft. N. and 4 ft. W. from T-rd. S., in con-			
crete post; standard tablet stamped "T T 21 C			
1936" -----	37 41 59.55	94 07 31.42	2,918
T-rd. W. at fence E. -----	37 41 33.2	94 07 32.6	2,665
T. 34 N., R. 29 W., cor. secs. 16, 17, 20, and			
21, T-rd. N. at fence S. -----	37 41 07.4	94 07 33.8	2,609
T-rd. S. at abandoned rd. N. -----	37 41 10.5	94 08 40.1	5,338
Milford, 6 mi. N. of, cor. secs. 19, 20, 29, and			
30, T. 34 N., R. 29 W., 23 ft. S. and 23 ft. W.			
from crossroads, 5 ft. S. and 3 ft. W. from			
fence corner, in concrete post; standard tablet			
stamped "T T 22 C 1936" -----	37 40 17.92	94 08 43.04	5,320
T-rd. E. at fence W. -----	37 39 52.1	94 08 44.0	2,614
T. 34 N., R. 29 W., cor. secs. 29, 30, 31, and			
32, crossroads -----	37 39 26.1	94 08 45.4	2,629
Milford, 4 mi. N. of, 430 ft. W. of T-rd. S. at			
N. cor. secs. 5 and 6, T. 33 N., R. 29 W.,			
21 ft. S. of T-rd. N. at S. cor. secs. 31 and			
32, T. 34 N., R. 29 W., in concrete post;			
standard tablet stamped "T T 23 C 1936" -----	37 38 33.99	94 08 48.66	5,278

Station	Latitude	Longitude	Distance
Rd. at fence S. -----	° ' "	° ' "	Feet
Tps. 33 and 34 N., Rs. 29 and 30 W., approximate cor. of, rd. corner from E.-S. at center of creek -----	37 38 35.3	94 09 16.1	2,214
121 C W A 1934 (previously described) -----	37 38 36.7	94 09 50.9	2,801
	37 37 44.00	94 09 50.63	5,332

Magnetic declination 7° 55' E.

SHELDON QUADRANGLE
(Latitude 37°30'-37°45'; longitude 94°15'-94°30')

Barton and Vernon Counties



1. FROM LIBERAL QUADRANGLE SOUTHEAST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY
INTO JASPER QUADRANGLE (by George T. Hawkins in 1900)
(Continued from Liberal quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
T. 32 N., R. 32 W., cor. secs. 13, 14, 23, and 24 -----	° ' "	° ' "	Feet
Jantha, R.R. at sta. -----	37 31 05.4	94 24 22.6	
R.R. at line between secs. 19 and 24, T. 32 N., Rs. 31 and 32 W. -----	37 30 58.7	94 23 55.5	
	37 30 55.6	94 23 16.8	

(Continued in Jasper quadrangle; see line 1.)

2. FROM JASPER QUADRANGLE AT SEC. 19, T. 32 N., R. 30 W., NORTH INTO NEVADA
QUADRANGLE AT SEC. 6, T. 34 N., R. 30 W. (by W. R. Broadbuss in 1933)
(Continued from Jasper quadrangle; see line 2.)

Lamar, street intersection at -----	37 30 14.6	94 16 37.2	(3,437)
T. 32 N., R. 30 W., center sec. 19, T-rd. W. -----	37 30 27.0	94 16 11.4	2,431
T. 32 N., R. 30 W., quarter cor. between secs. 18 and 19, crossroads -----	37 30 53.5	94 16 09.7	2,686
T. 32 N., R. 30 W., center sec. 18, rd. at fences E. and W. -----	37 31 19.4	94 16 08.5	2,624
Big Muddy River, center of wagon bridge over --- T. 32 N., R. 30 W., in SW 1/4 sec. 7, 107 ft. W. of Missouri Pacific R.R., 37 ft. S. and 25 ft. W. from T-rd. S., in sandstone ledge; standard tablet stamped "T 1 B 1933" -----	37 31 41.6	94 16 09.8	2,243
T. 32 N., R. 30 W., center sec. 7, T-rd. W. -----	37 31 59.35	94 16 08.70	1,797
T. 32 N., R. 30 W., quarter cor. between secs. 6 and 7, T-rd. S. -----	37 32 12.2	94 16 06.1	1,314
T. 32 N., R. 30 W., cor. secs. 5, 6, 7, and 8, T-rd. N. -----	37 32 38.4	94 16 04.8	2,649
T. 32 N., R. 30 W., quarter cor. between secs. 5 and 6, rd. at fences E. and W. -----	37 32 37.2	94 15 31.8	2,658
T. 32 N., R. 30 W., N. cor. secs. 5 and 6, T-rd. S., 12 ft. E. of T-rd. N. at S. cor. secs. 31 and 32, T. 33 N., R. 30 W. -----	37 33 03.5	94 15 30.9	2,662
T. 33 N., R. 30 W., cor. secs. 29, 30, 31, and 32, 28 ft. S. and 49 ft. W. from crossroads, 24 ft. W. of fence corner, in concrete post; standard tablet stamped "T 2 B 1933" -----	37 33 30.5	94 15 30.0	2,728
T. 33 N., R. 30 W., quarter cor. between secs. 29 and 30, rd. at fence -----	37 34 22.74	94 15 29.87	5,285
	37 34 49.2	94 15 28.8	2,673

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 33 N., R. 30 W., cor. secs. 19, 20, 29, and 30, crossroads -----	37 35 15.5	94 15 28.2	2,662
T. 33 N., R. 30 W., cor. secs. 17, 18, 19, and 20, crossroads -----	37 36 08.0	94 15 27.2	5,305
T. 33 N., R. 30 W., quarter cor. between secs. 17 and 18, rd. at fences E. and W. -----	37 36 32.3	94 15 26.8	2,459
T. 33 N., R. 30 W., cor. secs. 7, 8, 17, and 18, 73 ft. N. and 22 ft. W. from crossroads, in concrete post; standard tablet stamped "T T 3 B 1933" -----	37 37 01.21	94 15 26.51	2,926
T. 33 N., R. 30 W., quarter cor. between secs. 7 and 8, rd. at fences E. and W. -----	37 37 26.7	94 15 25.7	2,575
T. 33 N., R. 30 W., cor. secs. 5, 6, 7, and 8, crossroads -----	37 37 52.9	94 15 25.0	2,650
T. 33 N., R. 30 W., N. cor. secs. 5 and 6, T-rd. S., 170 ft. W. of T-rd. 14.0 at S. cor. secs. 31 and 32, T. 34 N., R. 30 W. -----	37 38 46.6	94 15 22.3	5,435
Tps. 33 and 34 N., Rs. 30 and 31 W., cor. of, 56 ft. N. and 21 ft. E. from crossroads, in concrete post; standard tablet stamped "T T 4 B 1933" -----	37 38 48.42	94 16 25.73	5,104
T. 34 N., Rs. 30 and 31 W., approximate cor. secs. 25, 30, 31, and 36, rd. W. at crossroads -----	37 39 41.2	94 16 24.0	5,341
T. 34 N., Rs. 30 and 31 W., approximate cor. secs. 19, 24, 25, and 30, crossroads -----	37 40 32.7	94 16 22.0	5,208
Rd. at fence W. -----	37 41 07.0	94 16 20.8	3,474
T. 34 N., R. 31 W., 60 ft. S. and 22 ft. W. from E. cor. secs. 13 and 24, 14.0 ft. S. and 22 ft. W. from W. cor. secs. 18 and 19, T. 34 N., R. 30 W., in concrete post; standard tablet stamped "T T 5 B 1933" -----	37 41 24.30	94 16 20.20	1,748
Rd. at fence E. -----	37 41 51.2	94 16 18.9	2,720
T. 34 N., R. 31 W., E. cor. secs. 12 and 13, T-rd. W. -----	37 42 17.4	94 16 17.8	2,655
T. 34 N., R. 30 W., W. cor. secs. 7 and 18, T-rd. E. -----	37 42 17.8	94 16 17.8	40
Rd. at fence W. -----	37 42 43.4	94 16 17.2	2,586
T. 34 N., Rs. 30 and 31 W., approximate cor. secs. 1, 6, 7, and 12, crossroads -----	37 43 09.8	94 16 16.1	2,677
Center of bridge -----	37 43 48.3	94 16 14.5	3,888
Rd. at fence E. -----	37 44 00.9	94 16 14.0	1,273
T. 34 N., Rs. 30 and 31 W., about 1.4 mi. S. of N. cor. secs. 1 and 6, 70 ft. N. and 22 ft. E. from crossroads, in concrete post; standard tablet stamped "T T 6 B 1933" -----	37 44 29.10	94 16 12.73	2,857
T-rd. E., 0.9 mi. S. of N. cor. secs. 1 and 6, T. 34 N., Rs. 30 and 31 W. -----	37 44 54.6	94 16 12.3	2,575

(Continued in Nevada quadrangle; see line 1.)

3. FROM SEC. 7, T. 33 N., R. 30 W., WEST INTO LIBERAL QUADRANGLE AT SEC. 12, T. 33 N., R. 33 W. (by J. P. Anderson in 1934)

T T 3 B 1933 (previously described) -----	37 37 01.21	94 15 26.51	.....
Crossroads -----	37 37 02.3	94 16 32.4	5,305
Rd. at fences N. and S. -----	37 37 03.1	94 17 00.6	2,270
Missouri Pacific R.R. at rd. crossing, 160 ft. E. of U.S. Highway 71 at crossroad -----	37 37 03.9	94 17 31.8	2,510
Rd. at fence S. -----	37 37 04.6	94 18 06.3	2,775
T. 33 N., R. 31 W., cor. secs. 10, 11, 14, and 15, 21 ft. N. and 24 ft. E. from crossroads, 3 ft. N. and 3 ft. E. from fence corner, in concrete post; standard tablet stamped "250 C W A 1934" -----	37 37 05.36	94 18 38.74	2,614
Rd. at fence S. -----	37 37 05.8	94 19 12.3	2,700
Crossroads -----	37 37 06.4	94 19 44.2	2,571
T. 33 N., R. 31 W., W. sixteenth cor. between secs. 9 and 16, T-rd. N. -----	37 37 07.6	94 20 33.8	3,991
Rd. at fences E. and W. -----	37 36 28.6	94 20 50.8	4,180
T. 33 N., R. 31 W., cor. secs. 16, 17, 20, and 21, 21 ft. N. and 42 ft. W. from crossroads, 17 ft. W. of fence corner, in concrete post; standard tablet stamped "228 C W A 1934" -----	37 36 15.78	94 20 51.48	1,296
T-rd. N. -----	37 36 18.3	94 21 23.9	2,621
Little Dry Wood Creek, center of bridge over -----	37 36 16.9	94 21 47.8	1,928
T. 33 N., R. 31 W., cor. secs. 17, 18, 19, and 20 -----	37 36 17.1	94 21 57.4	774
T. 33 N., Rs. 31 and 32 W., approximate cor. secs. 13, 18, 19, and 24, crossroads -----	37 36 18.5	94 23 01.3	5,149
Rd. at fences N. and S. -----	37 36 19.2	94 23 33.8	2,610
T. 33 N., R. 32 W., cor. secs. 13, 14, 23, and 24, 27 ft. S. and 40 ft. E. from crossroads, in concrete post; standard tablet stamped "24 E C W A 1934" -----	37 36 19.61	94 24 05.59	2,562

* Permission granted State Highway Department, July 26, 1938, to reset this monument.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at hedge fences N. and S. -----	37 36 20.6	94 24 38.7	2,669
T. 33 N., R. 32 W., cor. secs. 14, 15, 22, and 23, T-rd. N. -----	37 36 21.4	94 25 11.6	2,650
Rd. at hedge fences N. and S. -----	37 36 22.2	94 25 44.4	2,639
Crossroads -----	37 36 23.1	94 26 17.4	2,650
Rd. at fence E. -----	37 36 49.2	94 26 16.3	2,640
T. 33 N., R. 32 W., cor. secs. 9, 10, 15, and 16, 30 ft. S. and 22 ft. W. from crossroads, 12 ft. S. and 2 ft. W. from fence corner, in concrete post; standard tablet stamped "213 C W A 1934" -----	37 37 15.03	94 26 15.56	2,616
Rd. at fences N. and S. -----	37 37 16.3	94 27 04.7	3,960
T. 33 N., R. 32 W., cor. secs. 8, 9, 16, and 17, crossroads -----	37 37 16.6	94 27 21.3	1,333
Rd. at fences N. and S. -----	37 37 17.5	94 27 54.8	2,697
Crossroads -----	37 37 18.3	94 28 27.6	2,640
T-rd. N. -----	37 37 19.4	94 29 20.0	4,220
Hannon, cor. secs. 7, 12, 13, and 18, T. 33 N., Rs. 32 and 33 W., 21 ft. N. and 25 ft. W. from crossroads, on property of Hyrum York, in concrete post; standard tablet stamped "223 C W A 1934" -----	37 37 20.06	94 29 38.25	1,465

(Continued in Liberal quadrangle; see line 7.)

4. FROM NEVADA QUADRANGLE AT SEC. 6, T. 34 N., R. 32 W., SOUTH INTO LIBERAL QUADRANGLE AT SEC. 13, T. 33 N., R. 33 W. (by J. P. Anderson in 1934)

T-rd. N. (In Nevada quadrangle; see line 10.) ---	37 45 12.0	94 29 57.2	.....
Rd. at fences E. and W. -----	37 44 58.6	94 29 40.6	1,900
Rd. at fences E. and W. -----	37 44 32.5	94 29 41.2	2,639
T. 34 N., Rs. 32 and 33 W., approximate cor. secs. 1, 6, 7, and 12, T-rd. W. -----	37 43 26.7	94 29 27.5	6,745
T-rd. E. -----	37 43 10.5	94 29 28.0	1,630
Rd. at fences E. and W. -----	37 42 47.2	94 29 28.5	2,360
T. 34 N., Rs. 32 and 33 W., cor. secs. 7, 12, 13, and 18, 68 ft. S. and 24 ft. W. from crossroads, in concrete post; standard tablet stamped "240 C W A 1934" -----	37 42 33.32	94 29 29.13	1,401
Crossroads -----	37 41 41.7	94 29 30.2	5,219
T. 34 N., Rs. 32 and 33 W., approximate cor. secs. 19, 24, 25, and 30, crossroads -----	37 40 49.3	94 29 31.6	5,301
T-rd. E. -----	37 40 23.2	94 29 32.3	2,641
T. 34 N., Rs. 32 and 33 W., cor. secs. 25, 30, 31, and 36, 20 ft. N. and 16 ft. E. from T-rd. E., in concrete post; standard tablet stamped "224 C W A 1934" -----	37 39 57.22	94 29 32.74	2,624
Tps. 33 and 34 N., Rs. 32 and 33 W., cor. of, crossroads -----	37 39 04.6	94 29 34.4	5,321
Crossroads -----	37 38 12.2	94 29 36.2	5,300
223 C W A 1934 (previously described) -----	37 37 20.06	94 29 38.25	5,277
Crossroads -----	37 36 34.6	94 29 39.8	4,600

(Continued in Liberal quadrangle; see line 4.)

5. FROM LIBERAL QUADRANGLE AT SEC. 1, T. 32 N., R. 33 W., EAST TO SEC. 6, T. 32 N., R. 32 W., THENCE SOUTH ALONG STATE HIGHWAY 43 INTO JASPER QUADRANGLE (by J. W. Fothergill in 1934)

(Continued from Liberal quadrangle; see line 5.)

T. 32 N., R. 33 W., E. cor. secs. 1 and 12, T-rd. W., 15 ft. S. of T-rd. E. at W. cor. secs. 6 and 7, T. 32 N., R. 32 W. -----	37 32 57.9	94 29 47.3	(2,640)
T-rd. S. -----	37 32 58.4	94 29 10.0	2,998
Liberal, 1 mi. S. and 2 mi. E. from, cor. secs. 5, 6, 7, and 8, T. 32 N., R. 32 W., 47 ft. N. and 50 ft. W. from State Highway 43 at E-W. crossroad, in concrete post; standard tablet stamped "1202 C W A 1934" -----	37 32 58.36	94 28 42.03	2,256
T. 32 N., R. 32 W., quarter cor. between secs. 7 and 8 -----	37 32 31.7	94 28 43.0	2,699
Crossroad -----	37 32 05.5	94 28 44.5	2,651
St. Louis-San Francisco Ry. at highway crossing -----	37 31 49.1	94 28 45.4	1,660
Crossroad -----	37 31 13.0	94 28 47.2	3,649
Junction of rd. E. -----	37 30 20.3	94 28 50.0	5,340

(Continued in Jasper quadrangle; see line 7.)

6. FROM LIBERAL QUADRANGLE AT SEC. 24, T. 32 N., R. 33 W., SOUTH INTO JASPER QUADRANGLE AT SEC. 30, T. 32 N., R. 32 W. (by J. W. Fothergill in 1934)

(Continued from Liberal quadrangle; see line 3.)

T. 32 N., R. 33 W., E. cor. secs. 24 and 25, rd. corner from W.-S., 120 ft. S. of rd. at fence E. at W. cor. secs. 19 and 30, T. 32 N., R. 32 W. -----	37 30 21.0	94 29 54.6	(2,674)
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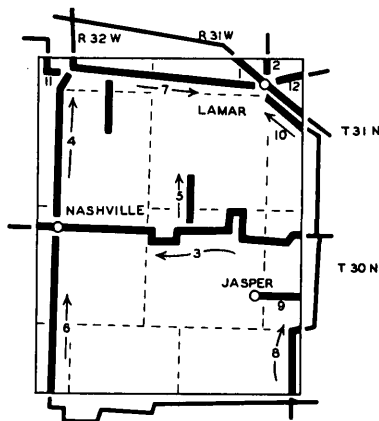
(Continued in Jasper quadrangle; see line 11.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
7. FROM NEVADA QUADRANGLE AT SEC. 2, T. 34 N., R. 32 W., SOUTH TO SEC. 13, T. 33 N., R. 32 W. (by C. D. Craig in 1936) (Continued from Nevada quadrangle; see line 11.)			
Crossroads -----	37 44 24.8	94 24 41.4	(5,278)
T-rd. E. -----	37 43 58.8	94 24 42.2	2,641
T. 34 N., R. 32 W., 2 ft. S. of stone at center of NW 1/4 sec. 11, 16 ft. S. of T-rd. N., in fence corner, in concrete post; standard tablet stamped "T T 24 C 1936" -----	37 43 06.51	94 24 43.73	5,285
Rd. corner from N.-W. -----	37 42 26.8	94 24 28.4	4,203
T. 34 N., R. 32 W., W. sixteenth cor. sec. 14, crossroads -----	37 42 01.5	94 24 45.7	2,909
Little Dry Wood Creek, center of bridge over -----	37 41 59.9	94 23 40.8	5,219
T. 34 N., R. 32 W., center of E 1/2 sec. 13, 30 ft. N. and 25 ft. W. from T-rd. S. and farm entrance N., 2 ft. N. and 2 ft. W. from fence corner, in concrete post; standard tablet stamped "T T 25 C 1936" -----	37 41 59.89	94 23 07.21	2,699
T-rd. N. -----	37 41 20.3	94 23 08.3	4,006
T-rd. E. -----	37 41 06.9	94 22 52.3	1,862
T. 34 N., R. 32 W., E. cor. secs. 24 and 25, T-rd. W., 25 ft. S. of rd. at fence E. at W. cor. secs. 19 and 30, T. 34 N., R. 31 W. -----	37 40 40.8	94 22 53.3	2,648
T. 34 N., R. 31 W., W. quarter cor. sec. 30, 40 ft. N. and 26 ft. E. from T-rd. E., 20 ft. N. and 6 ft. W. from fence corner, in concrete post; standard tablet stamped "T T 26 C 1936" -----	37 40 15.44	94 22 53.92	2,561
Rd. corner from N.-E. near T-rd. N. -----	37 39 48.8	94 22 55.3	2,696
Rd. corner from E.-S. at abandoned rd. N. -----	37 39 49.1	94 23 27.8	2,618
Rd. corner from E.-S. -----	37 39 36.6	94 24 00.9	2,944
T. 34 N., R. 32 W., S. cor. secs. 35 and 36, 19 ft. S. of T-rd. N., 66 ft. W. of T-rd. S. at N. cor. secs. 1 and 2, T. 33 N., R. 32 W., 1 ft. S. of fence on Barton-Vernon county line, in concrete post; standard tablet stamped "T T 27 C 1936" -----	37 38 57.24	94 24 02.30	3,985
Rd. at fence W. -----	37 38 30.2	94 24 02.3	2,663
T-rd. E. at fence W. -----	37 37 51.6	94 24 03.7	3,975
T-rd. W. at fence E. -----	37 37 38.7	94 24 04.2	1,310
T. 33 N., R. 32 W., cor. secs. 11, 12, 13, and 14, T-rd. E. at fence W. -----	37 37 12.4	94 24 05.0	2,662
24 E C W A 1934 (previously described) -----	37 36 19.61	94 24 05.59	5,337

Magnetic declination 8° 10' E.

JASPER QUADRANGLE
(Latitude 37°15'-37°30'; longitude 94°15'-94°30')

Barton and Jasper Counties



1. FROM SHELTON QUADRANGLE SOUTHEAST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY INTO GOLDEN CITY QUADRANGLE (by George T. Hawkins in 1900)
(Continued from Sheldon quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Lamar, R.R. at sta. -----	37 29 10.4	94 16 43.1	

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 32 N., R. 30 W., S. quarter cor. sec. 32 -----	37 28 13.2	94 15 13.9	

(Continued in Golden City quadrangle; see line 1.)

2. FROM LAMAR NORTH INTO SHELDON QUADRANGLE AT SEC. 19, T. 32 N., R. 30 W.
(by W. R. Broadus in 1933)

R.R. at sta. (previously described) -----	37 29 10.4	94 16 43.1	.....
Lamar Meridian sta. -----	37 29 40.61	94 16 37.58	3,090

(Continued in Sheldon quadrangle; see line 2.)

3. FROM GOLDEN CITY QUADRANGLE AT SEC. 8, T. 30 N., R. 30 W., WEST INTO
PITTSBURG QUADRANGLE AT SEC. 6, T. 30 N., R. 32 W. (by G. H. Chapman
in 1934)

(Continued from Golden City quadrangle; see line 5.)

Rd. at hedge fence S. -----	37 22 04.0	94 15 18.7	(2,640)
T. 30 N., R. 30 W., cor. secs. 5, 6, 7, and 8, crossroads -----	37 22 04.4	94 15 51.5	2,650
T. 30 N., R. 30 W., in NW 1/4 sec. 8, 85 ft. S. and 62 ft. W. from SW. corner of dwelling, 27 ft. E. of rd., 39 ft. S. and 6 ft. E. from fence corner, in concrete post; standard tablet stamped "209 C W A 1934" -----	37 21 46.13	94 15 51.54	1,852
T-rd. W. -----	37 21 38.1	94 15 52.2	810
Rd. at hedge fence -----	37 21 39.2	94 16 24.7	2,629
T. 30 N., R. 31 W., E. quarter cor. sec. 12, T-rd. W., 45 ft. N. of T-rd. E. at W. quarter cor. sec. 7, T. 30 N., R. 30 W. -----	37 21 40.8	94 16 57.2	2,627
Center of bridge -----	37 21 41.1	94 17 15.1	1,445
Missouri Pacific R.R. at rd. crossing -----	37 21 41.7	94 17 46.0	2,500
U.S. Highway 71 at rd. E. -----	37 21 42.0	94 18 03.0	1,370
U.S. Highway 71 at fence E. -----	37 22 08.5	94 18 01.7	2,680
T. 30 N., R. 31 W., quarter cor. between secs. 1 and 2, 20 ft. S. and 72 ft. E. from U.S. High- way 71 at rd. W., 3 ft. S. of schoolyard fence, in concrete post; standard tablet stamped "508 C W A 1934" -----	37 22 34.38	94 17 59.87	2,624
T-rd. S. -----	37 22 35.8	94 18 33.9	2,750
North Fork of Spring River, center of bridge over T-rd. N. -----	37 22 36.9	94 19 02.7	2,330
Crossroads -----	37 22 37.5	94 19 40.3	3,031
T. 30 N., R. 31 W., cor. secs. 3, 4, 9, and 10, crossroads -----	37 22 38.0	94 20 13.2	2,661
T. 30 N., R. 31 W., quarter cor. between secs. 4 and 9, 20 ft. N. and 154 ft. E. from rd. at N-S. hedge, 105 ft. SE. of SE. corner of old dwelling, in concrete post; standard tablet stamped "309 C W A 1934" -----	37 22 12.19	94 20 45.57	2,518
Crossroads -----	37 22 12.0	94 21 21.0	2,859
Rd. at fence -----	37 22 12.9	94 21 53.9	2,661
T. 30 N., R. 31 W., cor. secs. 5, 6, 7, and 8, T-rd. E. -----	37 22 13.9	94 22 26.6	2,644
T-rd. W. -----	37 22 00.8	94 22 27.2	1,325
Rd. at fence -----	37 22 01.7	94 23 00.0	2,650
T. 30 N., R. 31 W., N. sixteenth cor. on W. line sec. 7, T-rd. E. -----	37 22 02.5	94 23 31.8	2,570
T. 30 N., R. 32 W., E. cor. secs. 1 and 12, 170 ft. S. and 30 ft. E. from SE. corner of Diamond School, 40 ft. N. and 46 ft. W. from crossroads, in concrete post; standard tablet stamped "509 C W A 1934" -----	37 22 17.78	94 23 31.85	1,550
Rd. at hedge fence S. -----	37 22 17.3	94 24 04.0	2,598
T. 30 N., R. 32 W., cor. secs. 1, 2, 11, and 12, crossroads -----	37 22 17.4	94 24 37.0	2,662
Duval Creek, center of bridge over -----	37 22 18.5	94 25 15.4	3,097
Crossroads -----	37 22 19.3	94 25 42.2	2,171
Rd. at fence -----	37 22 20.0	94 26 15.2	2,660
T. 30 N., R. 32 W., cor. secs. 3, 4, 9, and 10, 34 ft. N. and 38 ft. E. from crossroads, in concrete post; standard tablet stamped "521 C W A 1934" -----	37 22 21.09	94 26 47.57	2,619
Rd. at fence N. -----	37 22 22.1	94 27 20.6	2,668
T. 30 N., R. 32 W., cor. secs. 4, 5, 8, and 9, crossroads -----	37 22 23.3	94 27 52.9	2,610
Rd. at fence -----	37 22 25.1	94 28 25.3	2,621
State Highway 43 at crossroad -----	37 22 26.9	94 28 57.5	2,610
Nashville, about 0.3 mi. W. of, W. cor. secs. 6 and 7, T. 30 N., R. 32 W., about 480 ft. E. of crossroads, 75 ft. N. and 20 ft. E. from NE. corner of dwelling, 2 ft. E. of fence, in con- crete post; standard tablet stamped "409 C W A 1934" -----	37 22 29.03	94 29 57.98	4,884

(Continued in Pittsburg quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
4. FROM SEC. 6, T. 30 N., R. 32 W., NORTH ALONG STATE HIGHWAY 43 TO SEC. 30, T. 32 N., R. 32 W. (by G. H. Chapman in 1934)			
Crossroad (previously described) -----	37 22 26.9	94 28 57.5	.....
Highway at fence -----	37 22 52.9	94 28 56.7	2,634
Tps. 30 and 31 N., R. 32 W., approximate cor. secs. 5, 6, 31, and 32, crossroad -----	37 23 20.1	94 28 56.7	2,746
Highway at fence -----	37 23 46.2	94 28 57.1	2,640
Crossroad -----	37 24 12.4	94 28 56.7	2,650
Center of bridge over creek -----	37 24 38.3	94 28 56.5	2,620
Nashville, 3 mi. N. of, cor. secs. 19, 20, 29, and 30, T. 31 N., R. 32 W., 43 ft. S. and 53 ft. E. from crossroad, in concrete post; standard tablet stamped "525 C W A 1934" -----	37 25 04.35	94 28 55.31	2,638
Highway at fence -----	37 25 30.8	94 28 56.1	2,660
T. 31 N., R. 32 W., cor. secs. 17, 18, 19, and 20, crossroad -----	37 25 56.8	94 28 56.0	2,630
Highway at fence -----	37 26 23.0	94 28 55.9	2,650
Crossroad -----	37 26 49.2	94 28 55.8	2,650
Highway at fence -----	37 27 15.4	94 28 55.7	2,650
Nashville, 6 mi. N. of, cor. secs. 5, 6, 7, and 8, T. 31 N., R. 32 W., 56 ft. N. and 43 ft. W. from crossroad, in concrete post; standard tablet stamped "526 C W A 1934" -----	37 27 42.24	94 28 56.34	2,709
Highway at fence E. -----	37 28 12.6	94 28 55.3	3,069
Tps. 31 and 32 N., R. 32 W., approximate cor. secs. 5, 6, 31, and 32, crossroad -----	37 28 35.0	94 28 55.1	2,270
Highway at fence -----	37 29 01.4	94 28 54.2	2,670
Crossroad -----	37 29 27.9	94 28 52.7	2,681
Junction of U.S. Highway 160 -----	37 29 45.0	94 28 51.8	1,730
Nashville, 8.5 mi. N. of, quarter cor. between secs. 29 and 30, T. 32 N., R. 32 W., 54 ft. S. and 31 ft. E. from crossroad, in concrete post; standard tablet stamped "527 C W A 1934" -----	37 29 53.48	94 28 50.96	863

5. FROM SEC. 4, T. 30 N., R. 31 W., NORTH TO SEC. 20, T. 31 N., R. 31 W. (single-run unchecked spur line by G. H. Chapman in 1934)

309 C W A 1934 (previously described) -----	37 22 12.19	94 20 45.57	.....
Crossroads -----	37 22 11.8	94 21 20.7	2,839
Crossroads -----	37 22 38.1	94 21 19.3	2,657
Tps. 30 and 31 N., R. 31 W., approximate cor. secs. 4, 5, 32, and 33, crossroads -----	37 23 07.2	94 21 17.5	2,950
Rd. at fence -----	37 23 33.4	94 21 16.7	2,650
Crossroads -----	37 23 59.5	94 21 16.6	2,640
Rd. at fence -----	37 24 25.7	94 21 16.5	2,650
T. 31 N., R. 31 W., cor. secs. 20, 21, 28, and 29, 53 ft. N. and 32 ft. E. from County Route 2 at crossroad, in concrete post; standard tablet stamped "530 C W A 1934" -----	37 24 52.53	94 21 15.86	2,717

6. FROM CARTHAGE QUADRANGLE NORTH ALONG STATE HIGHWAY 43 TO SEC. 6, T. 30 N., R. 32 W. (by J. W. Fothergill in 1934)
(Continued from Galena quadrangle; see line 5.)

Highway at fences E. and W. -----	37 15 15.8	94 29 36.0	(3,883)
T. 29 N.; R. 33 W., cor. secs. 1, 2, 11, and 12, crossroad -----	37 15 28.5	94 29 19.4	1,855
Spring River, S. end of bridge over -----	37 15 56.7	94 29 18.7	2,853
Crossroad -----	37 16 33.5	94 29 18.0	3,726
North Fork of Spring River, S. end of bridge over T. 29 N., R. 33 W., about 2 mi. N. of S. cor. secs. 1 and 2, about 0.2 mi. N. of S. end of bridge over North Fork of Spring River, 31 ft. N. and 97 ft. E. from View Bank School, in concrete post; standard tablet stamped "1205 C W A 1934" -----	37 17 01.5	94 29 17.1	2,830
Crossroad -----	37 17 13.67	94 29 17.19	1,234
Highway at fences E. and W. -----	37 17 25.5	94 29 16.3	1,201
Crossroad, 33 ft. W. of S. cor. secs. 31 and 32, T. 30 N., R. 32 W. -----	37 17 51.2	94 29 15.4	2,600
Highway at hedge fences E. and W. -----	37 18 05.6	94 29 09.8	1,521
Crossroad -----	37 18 31.9	94 29 07.9	2,665
Crossroad -----	37 18 58.0	94 29 06.6	2,650
Highway at hedge fence W. -----	37 19 24.3	94 29 05.3	2,660
Crossroad -----	37 19 50.4	94 29 04.0	2,639
Crossroad -----	37 20 29.7	94 29 02.2	3,961
T. 30 N., R. 32 W., cor. secs. 17, 18, 19, and 20, 57 ft. N. and 37 ft. E. from junction of County Route H, in concrete post; standard tablet stamped "1206 C W A 1934" -----	37 20 43.30	94 29 01.12	1,375
Crossroad on Barton-Jasper county line -----	37 21 34.1	94 29 04.9	5,446
Center of concrete culvert -----	37 21 57.4	94 29 02.6	2,370
Nashville, crossroads at quarter cor. between secs. 6 and 7, T. 30 N., R. 32 W. -----	37 22 28.2	94 29 30.4	3,833
409 C W A 1934 (previously described) -----	37 22 29.03	94 29 57.98	2,226

Station	Latitude	Longitude	Distance
	" ' "	" ' "	Feet
7. FROM SHELDON QUADRANGLE AT SEC. 30, T. 32 N., R. 32 W., EAST ALONG U.S. HIGHWAY 160 TO LAMAR (by J. W. Fothergill in 1934) (Continued from Sheldon quadrangle; see line 5.)			
527 C W A 1934 (previously described) -----	37 29 53.48	94 28 50.96	(2,715)
Center of small bridge -----	37 29 53.6	94 28 27.2	1,916
Crossroad -----	37 29 52.9	94 27 45.6	3,350
T. 32 N., R. 32 W., quarter cor. between secs. 27 and 28, junction of rd. N. at hedge fence S. --	37 29 51.2	94 26 40.0	5,290
Highway at hedge fences N. and S. -----	37 29 50.4	94 26 06.8	2,679
Lamar, 8.5 mi. W. of, 43 ft. N. and 190 ft. W. from quarter cor. between secs. 26 and 27, T. 32 N., R. 32 W., 29 ft. S. and 12 ft. W. from SE. corner of Cross Roads School, in concrete post; standard tablet stamped "1207 C W A 1934"	37 29 50.03	94 25 36.03	2,477
T. 32 N., R. 32 W., center sec. 26, highway at fences N. and S. -----	37 29 48.3	94 25 00.5	2,868
Highway at fences N. and S. -----	37 29 47.1	94 24 27.7	2,650
Lamar, 7 mi. W. of, 1.2 mi. S. of Iantha, center sec. 25, T. 32 N., R. 32 W., 32 ft. N. and 62 ft. E. from junction of County Route W, in concrete post; standard tablet stamped "1208 C W A 1934" -----	37 29 46.34	94 23 53.81	2,729
T. 32 N., R. 32 W., E. quarter cor. sec. 25, highway at fences N. and S. -----	37 29 44.9	94 23 21.6	2,598
Highway at fences N. and S. -----	37 29 44.4	94 22 50.2	2,530
Junction of rd. S. -----	37 29 43.3	94 22 17.4	2,649
Highway at fences N. and S. -----	37 29 42.3	94 21 44.7	2,640
Lamar, 4.5 mi. W. of, 35 ft. S. and 66 ft. E. from junction of County Route Z, in concrete post; standard tablet stamped "1209 C W A 1934"	37 29 41.07	94 21 11.13	2,706
Highway at fences N. and S. -----	37 29 40.8	94 20 38.9	2,599
Crossroad -----	37 29 40.1	94 20 05.9	2,661
T. 32 N., R. 31 W., center sec. 27, highway at hedge fences N. and S. -----	37 29 39.5	94 19 32.5	2,690
Crossroad -----	37 29 38.8	94 18 59.3	2,680
Highway at fences N. and S. -----	37 29 38.1	94 18 26.2	2,670
Lamar, 1.5 mi. W. of, 42 ft. S. and 163 ft. W. from junction of U.S. Highway 71, in concrete post; standard tablet stamped "1210 C W A 1934"	37 29 36.92	94 17 54.82	2,528
North Fork of Spring River, W. end of bridge over -----	37 29 36.9	94 17 36.0	1,518
Lamar, street intersection -----	37 29 36.2	94 16 55.8	3,399
Lamar Meridian sta. (previously described) -----	37 29 40.61	94 16 37.58	1,383

8. FROM CARTHAGE QUADRANGLE AT SEC. 12, T. 29 N., R. 31 W., NORTHEAST INTO
GOLDEN CITY QUADRANGLE AT SEC. 6, T. 29 N., R. 30 W. (by J. W. Fothergill
in 1934)
(Continued from Carthage quadrangle; see line 6.)

T. 29 N., R. 30 W., W. cor. secs. 6 and 7, rd. at fence E. -----	37 15 23.2	94 15 08.9	(2,601)
T. 29 N., R. 31 W., E. quarter cor. sec. 1, rd. at fence W. -----	37 16 02.2	94 15 07.6	3,949
Rd. at fences E. and W. -----	37 16 28.6	94 15 06.6	2,670
T-rd. W. -----	37 16 55.8	94 15 05.6	2,750
T-rd. E. -----	37 17 07.4	94 15 05.2	1,180
T. 29 N., R. 30 and 31 W., N. cor. secs. 1 and 6, 90 ft. S. and 23 ft. W. from T-rd. S., in concrete post; standard tablet stamped "1211 C W A 1934" -----	37 17 40.06	94 15 04.45	3,304

(Continued in Golden City quadrangle; see line 7.)

9. FROM GOLDEN CITY QUADRANGLE AT SEC. 20, T. 30 N., R. 30 W., WEST TO
JASPER (by J. W. Fothergill in 1934)

Crossroads (In Golden City quadrangle; see line 7.) -----	37 19 26.0	94 14 51.7	.....
Jasper, ball at top of water tower at -----	37 20 12.67	94 18 18.76	17,377

10. FROM GOLDEN CITY QUADRANGLE AT SEC. 5, T. 31 N., R. 30 W., NORTHWEST TO
SEC. 32, T. 32 N., R. 30 W., THENCE NORTHWEST ALONG ST. LOUIS-SAN
FRANCISCO RAILWAY TO LAMAR (by J. W. Fothergill in 1934)
(Continued from Golden City quadrangle; see line 7.)

T. 31 N., R. 30 W., N. quarter cor. sec. 5, rd. at fence S. -----	37 28 13.3	94 15 07.0	(2,640)
T. 32 N., R. 30 W., S. quarter cor. sec. 32, T-rd. N. (previously described) -----	37 28 13.4	94 15 12.4	430
R.R. at fence N. -----	37 28 25.1	94 15 28.4	1,750

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
E. end of bridge -----	37 28 43.9	94 15 54.2	2,820
Lamar, crossing of Missouri Pacific R.R. at ----	37 29 03.5	94 16 21.1	2,937
Lamar, R.R. at sta. (previously described) -----	37 29 10.4	94 16 43.1	1,907
Lamar, Gulf Street at intersection of E.-W. street -----	37 29 17.8	94 16 40.2	790
Lamar Meridian sta. (previously described) -----	37 29 40.61	94 16 37.58	2,314

11. FROM SHELTON QUADRANGLE AT SEC. 30, T. 32 N., R. 32 W., EAST TO SEC. 30,
T. 32 N., R. 32 W. (by J. W. Fothergill in 1934)
(Continued from Sheldon quadrangle; see line 6.)

T. 32 N., R. 32 W., W. quarter cor. sec. 30, T-rd. E. -----	37 29 55.8	94 29 55.8	(2,540)
Rd. at fence N. -----	37 29 54.9	94 29 24.3	2,541
527 C W A 1934 (previously described) -----	37 29 53.48	94 28 50.96	2,688

12. FROM LAMAR EAST ALONG U.S. HIGHWAY 160 INTO GOLDEN CITY QUADRANGLE
(by J. W. Fothergill in 1934)

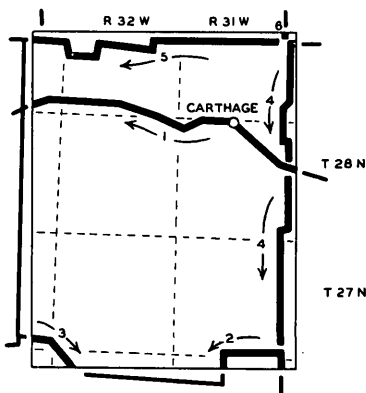
Lamar Meridian sta. (previously described) -----	37 29 40.61	94 16 37.58	.....
Lamar, Broadway at First Street S. at SE. corner of square -----	37 29 39.5	94 16 33.1	379
Lamar, highway at street intersection -----	37 29 34.9	94 16 21.1	1,071
Missouri-Pacific R.R. at crossing of highway ----	37 29 34.6	94 16 12.7	679
T. 32 N., R. 30 W., quarter cor. between secs. 29 and 30, crossroad -----	37 29 33.0	94 15 41.5	2,522
Junction of rd. S. -----	37 29 32.1	94 15 08.5	2,660

(Continued in Golden City quadrangle; see line 6.)

Magnetic declination 8° 06' E.

CARTHAGE QUADRANGLE
(Latitude 37°00'-37°15'; longitude 94°15'-94°30')

Jasper and Newton Counties



1. FROM SARCOXIE QUADRANGLE NORTHWEST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY
INTO GALENA QUADRANGLE (by George T. Hawkins in 1900, rerun by
J. H. Wilson in 1916)
(Continued from Sarcoxie quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 28 N., R. 31 W., cor. secs. 11, 12, 13, and 14, 460 ft. N. of R.R. at N.-S. rd. crossing and 500 ft. E. of R.R. at E.-W. rd. crossing --	37 09 16.5	94 16 25.9	
Carthage, R.R. at sta., 150 ft. NW. of Main Street crossing -----	37 11 02.3	94 18 35.9	
T. 28 N., R. 31 W., quarter cor. between secs. 5 and 6, 105 ft. W. of R.R. at rd. crossing ----	37 10 35.4	94 20 43.2	
R.R. at rd. crossing -----	37 10 40.3	94 21 54.2	
Macy, R.R. at sta. signboard -----	37 11 07.9	94 23 48.6	
Mansur, R.R. at sta. -----	37 11 36.8	94 25 08.0	

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Boysur, R.R. at rd. crossing, 1,390 ft. E. of crossroads -----	37 11 42.4	94 26 45.6	
Joplin junction, headblock at -----	37 11 39.9	94 27 45.2	
T. 29 N., R. 33 W., cor. secs. 25, 26, 35, and 36, 850 ft. N. of R.R. at rd. crossing*-----	37 11 59.3	94 29 25.6	

(Continued in Galena quadrangle; see line 1.)

2. FROM NEOSHO QUADRANGLE AT SEC. 1, T. 26 N., R. 31 W., WEST INTO NEOSHO
QUADRANGLE AT SEC. 4, T. 26 N., R. 31 W. (by E. L. McNair in 1914)
(Continued from Neosho quadrangle; see line 1.)

Tps. 26 and 27 N., Rs. 30 and 31 W., cor. of, 45 ft. S. and 25 ft. W. from crossroads, near hedge fence; iron post stamped "Prim Trav Sta No 3, 1914 Mo" -----	37 00 33.07	94 15 38.22	(5,262)
Tps. 26 and 27 N., R. 31 W., approximate cor. secs. 1, 2, 35, and 36, crossroads -----	37 00 34.2	94 16 43.1	5,268
T. 26 N., R. 31 W., N. cor. secs. 2 and 3, T-rd. S. -----	37 00 34.8	94 17 48.6	5,310
T. 26 N., R. 31 W., N. cor. secs. 3 and 4, T-rd. S., 195 ft. E. of T-rd. N. at S. cor. secs. 33 and 34, T. 27 N., R. 31 W. -----	37 00 35.3	94 18 51.0	5,060

(Continued in Neosho quadrangle; see line 1.)

3. FROM GALENA QUADRANGLE AT SEC. 35, T. 27 N., R. 33 W., SOUTHEAST INTO
NEOSHO QUADRANGLE AT SEC. 5, T. 26 N., R. 32 W. (by E. L. McNair
in 1914)
(Continued from Galena quadrangle; see line 2.)

T. 27 N., Rs. 32 and 33 W., quarter cor. between secs. 31 and 36, stone -----	37 01 07.3	94 28 45.7	(9,666)
Kansas City Southern Ry. at milepost marked "KC-162" -----	37 00 27.3	94 27 55.5	5,738
T. 26 N., R. 32 W., cor. secs. 4, 5, 8, and 9, stone at T-fence N. (In Neosho quadrangle; see line 1.) -----	36 59 48.3	94 26 37.5	7,449

4. FROM SARCOXIE QUADRANGLE AT SEC. 18, T. 29 N., R. 30 W., SOUTH TO SEC. 36,
T. 27 N., R. 31 W. (by J. H. Wilson in 1916)
(Continued from Sarcxie quadrangle; see line 5.)

T. 29 N., R. 31 W., 25 ft. N. and 25 ft. W. from E. cor. secs. 12 and 13, 100 ft. N. and 25 ft. W. from W. cor. secs. 7 and 18, T. 29 N., R. 30 W., at NW. corner of rd. junction; iron post stamped "Prim Trav Sta No 9 1916 1006 Crthg"-	37 14 32.27	94 15 10.80	(5,409)
T. 29 N., R. 31 W., E. cor. secs. 13 and 24, T-rd. W., 75 ft. N. of T-rd. E. at W. cor. secs. 18 and 19, T. 29 N., R. 30 W. -----	37 13 39.5	94 15 12.2	5,339
T. 29 N., Rs. 30 and 31 W., approximate cor. secs. 19, 24, 25, and 30, crossroads -----	37 12 46.6	94 15 13.8	5,351
T. 29 N., Rs. 30 and 31 W., approximate cor. secs. 25, 30, 31, and 36, 50 ft. W. of T-rd. N. -----	37 11 54.0	94 15 15.4	5,322
Maxville, rd. forks at -----	37 11 54.1	94 16 04.6	3,983
Rd. at line between secs. 1 and 36, Tps. 28 and 29 N., R. 31 W. -----	37 11 02.3	94 16 06.3	5,240
Spring River, E. end of bridge over -----	37 10 48.9	94 16 03.2	1,382
T-rd. E. -----	37 10 08.8	94 16 08.0	4,076
T. 29 N., R. 30 W., W. cor. secs. 6 and 7, T-rd. S. -----	37 10 09.9	94 15 19.5	3,924
T. 28 N., R. 31 W., E. cor. secs. 12 and 13, T-rd. W., 60 ft. N. of T-rd. E. at W. cor. secs. 7 and 18, T. 28 N., R. 30 W. -----	37 09 17.6	94 15 21.2	5,292
T. 28 N., R. 31 W., cor. secs. 11, 12, 13, and 14 (previously described) -----	37 09 16.5	94 16 25.9	5,240
T. 28 N., Rs. 30 and 31 W., approximate cor. secs. 19, 24, 25, and 30, crossroads at Pleasant Grove School -----	37 07 32.6	94 15 24.2	11,636
T. 28 N., Rs. 30 and 31 W., approximate cor. secs. 25, 30, 31, and 36, T-rd. W. -----	37 06 40.4	94 15 25.8	5,274
Tps. 27 and 28 N., Rs. 30 and 31 W., 30 ft. W. of stone at cor. of, at SW. corner of cross- roads at church; iron post stamped "Prim Trav Sta No 10 1916 Mo 1074 Crthg" -----	37 05 47.78	94 15 27.85	5,329
T. 27 N., R. 31 W., E. cor. secs. 1 and 12, stone, 50 ft. N. of T-rd. E. at W. cor. secs. 6 and 7, T. 27 N., R. 30 W. -----	37 04 55.6	94 15 29.2	5,281
T. 27 N., R. 31 W., E. cor. secs. 12 and 13, 50 ft. N. of T-rd. E. at W. cor. secs. 7 and 18, T. 27 N., R. 30 W. -----	37 04 03.0	94 15 30.9	5,316

* J. H. Wilson's line (1916) crosses George T. Hawkins' line (1900) about 1 mile W. of cor. secs. 25, 26, 35, and 36, T. 29 N., R. 33 W., but the two lines were not connected. There may be some variance in values in this vicinity.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 27 N., R. 31 W., E. cor. secs. 13 and 24, 40 ft. N. of W. cor. secs. 18 and 19, T. 27 N., R. 18 W., crossroads on Jasper-Newton county line -----	37 03 10.8	94 15 32.7	5,281
T. 27 N., Rs. 30 and 31 W., approximate cor. secs. 25, 30, 31, and 36, crossroads -----	37 01 25.5	94 15 36.0	10,654
Prim Trav Sta No 3 1914 Mo (previously de- scribed) -----	37 00 33.07	94 15 38.22	5,310

5. FROM SEC. 12, T. 29 N., R. 31 W., WEST INTO GALENA QUADRANGLE AT SEC. 11,
T. 29 N., R. 33 W. (by J. H. Wilson in 1916)

Prim Trav Sta No 9 1916 1006 Crthg (previously described) -----	37 14 32.27	94 15 10.80	.....
T. 29 N., R. 31 W., cor. secs. 11, 12, 13, and 14, crossroads -----	37 14 30.5	94 16 16.4	5,316
T. 29 N., R. 31 W., cor. secs. 10, 11, 14, and 15, crossroads -----	37 14 30.1	94 17 21.3	5,247
T. 29 N., R. 31 W., cor. secs. 9, 10, 15, and 16, crossroads -----	37 14 30.6	94 18 25.7	5,205
T. 29 N., R. 31 W., cor. secs. 8, 9, 16, and 17, crossroads -----	37 14 30.8	94 19 31.4	5,310
T. 29 N., R. 31 W., cor. secs. 7, 8, 17, and 18, crossroads -----	37 14 30.9	94 20 36.6	5,275
T. 29 N., R. 31 W., W. cor. secs. 7 and 18 -----	37 14 32.2	94 21 47.2	5,711
T. 29 N., R. 32 W., cor. secs. 11, 12, 13, and 14, 10 ft. N. and 25 ft. E. from, E. of T-rd. W.; iron post stamped "Prim Trav Sta No 11 1916 Mo" -----	37 14 31.26	94 22 51.88	5,233
T. 29 N., R. 32 W., cor. secs. 10, 11, 14, and 15, T-rd. E. -----	37 14 31.0	94 23 57.9	5,337
Alba, cross streets just E. of end of electric R.R., on line between secs. 15 and 16, T. 29 N., R. 32 W. -----	37 14 18.8	94 25 03.2	5,424
T-rd. N. on line between secs. 16 and 17, T. 29 N., R. 32 W. -----	37 14 19.6	94 26 08.1	5,256
Spring River, E. end of bridge over -----	37 13 58.5	94 27 01.3	4,796
Rd. forks on line between secs. 17 and 18, T. 29 N., R. 32 W. -----	37 13 54.6	94 27 14.5	1,139
T-rd. W. -----	37 14 34.7	94 28 02.1	5,591
T. 29 N., R. 33 W., cor. secs. 11, 12, 13, and 14, crossroads at schoolhouse -----	37 14 36.2	94 29 21.2	6,397

(Continued in Galena quadrangle; see line 3.)

6. FROM SEC. 12, T. 29 N., R. 31 W., NORTH INTO JASPER QUADRANGLE AT SEC. 12,
T. 29 N., R. 31 W. (by J. W. Fothergill in 1934)

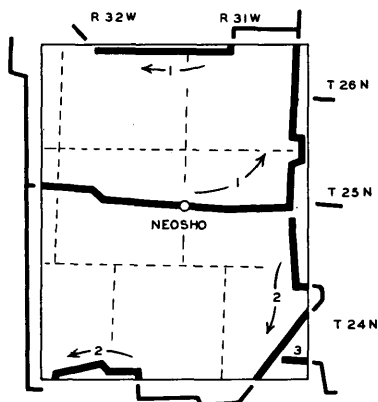
Prim Trav Sta No 9 1916 1006 Crthg (previously described) -----	37 14 32.27	94 15 10.80	.....
Rd. at hedge fence E. -----	37 14 57.4	94 15 09.7	2,549

(Continued in Jasper quadrangle; see line 8.)

Magnetic declination in 1906, 7° 30' E.

NEOSHO QUADRANGLE
(Latitude 36°45' - 37°00'; longitude 94°15' - 94°30')

McDonald and Newton Counties



1. FROM SENECA QUADRANGLE AT SEC. 14, T. 25 N., R. 33 W., EAST TO SEC. 19, T. 25 N., R. 30 W., THENCE NORTH TO SEC. 1, T. 26 N., R. 31 W., THENCE WEST TO SEC. 5, T. 26 N., R. 32 W. (by E. L. McNair in 1914)
(Continued from Seneca quadrangle; see line 3.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
St. Louis-San Francisco Ry. at rd. crossing ----	36 53 26.4	94 29 58.1	(6,209)
T. 25 N., R. 32 W., quarter cor. between secs. 17 and 18, crossroads -----	36 53 17.3	94 27 46.5	10,730
T. 25 N., R. 32 W., quarter cor. between secs. 16 and 17, T-rd. W. -----	36 53 16.8	94 26 41.2	5,310
T. 25 N., R. 32 W., cor. secs. 16, 17, 20, and 21, crossroads -----	36 52 50.6	94 26 41.8	2,649
T. 25 N., R. 32 W., cor. secs. 15, 16, 21, and 22, crossroads -----	36 52 49.9	94 25 36.7	5,290
T. 25 N., R. 32 W., cor. secs. 14, 15, 22, and 23, crossroads -----	36 52 48.9	94 24 31.6	5,294
T. 25 N., R. 32 W., cor. secs. 13, 14, 23, and 24, crossroads -----	36 52 48.0	94 23 27.4	5,215
Neosho, N. end of High Street at approximate cor. secs. 13, 16, 19, and 24, T. 25 N., Rs. 31 and 32 W. -----	36 52 47.1	94 22 22.4	5,280
Neosho, about 0.2 mi. N. of Kansas City Southern Ry. sta., 180 ft. E. of cor. secs. 13, 18, 19, and 24, T. 25 N., Rs. 31 and 32 W., 26 ft. W. of track at fence line; iron post stamped "Prim Trav Sta No 1 1914 Mo" -----	36 52 47.21	94 22 20.05	195
T-fence N. -----	36 52 39.5	94 21 17.7	5,126
T. 25 N., R. 31 W., cor. secs. 16, 17, 20, and 21 -----	36 52 45.0	94 20 09.0	5,615
T. 25 N., R. 31 W., cor. secs. 15, 16, 21, and 22, T-rd. W. -----	36 52 43.8	94 19 03.9	5,290
T-rd. N. -----	36 52 29.7	94 18 16.5	4,108
T-rd. S. on line between secs. 22 and 23, T. 25 N., R. 31 W. -----	36 52 29.4	94 18 00.3	1,315
Crossroads -----	36 52 28.9	94 17 28.1	2,616
T. 25 N., R. 31 W., quarter cor. between secs. 14 and 23 -----	36 52 41.9	94 17 27.9	1,315
T. 25 N., R. 31 W., cor. secs. 13, 14, 23, and 24 -----	36 52 41.4	94 16 55.8	2,606
Granby, about 3 mi. S. of, along County Route H, cor. secs. 13, 18, 19, and 24, T. 25 N., Rs. 30 and 31 W., 70 ft. S. and 180 ft. E. from junction of State Highway 97; iron post stamped "Prim Trav Sta No 2 1914 Mo 1207" -----	36 52 41.22	94 15 51.07	5,420
T. 25 N., Rs. 30 and 31 W., approximate cor. secs. 7, 12, 13, and 18, T-rd. E. at fence W. -----	36 53 33.1	94 15 49.8	5,344
T. 25 N., Rs. 30 and 31 W., approximate cor. secs. 1, 6, 7, and 12, rd. at fences E. and W. -----	36 54 25.2	94 15 48.2	5,270
Granby, Missouri Pacific R.R. at street crossing at sta. -----	36 55 09.1	94 15 23.2	4,886
Tps. 25 and 26 N., Rs. 30 and 31 W., cor. of, stone in rd. -----	36 55 19.1	94 15 47.0	2,183
T. 26 N., Rs. 30 and 31 W., approximate cor. secs. 25, 30, 31, and 36 -----	36 56 11.7	94 15 45.8	5,314

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Granby, St. Louis-San Francisco Ry. at rd. crossing about 400 ft. E. of sta. -----	36 56 33.5	94 15 58.0	2,420
T. 26 N., Rs. 30 and 31 W., approximate cor. secs. 19, 24, 25, and 30 -----	36 57 03.8	94 15 43.7	3,277
T. 26 N., Rs. 30 and 31 W., approximate cor. secs. 13, 18, 19, and 24, crossroads -----	36 57 56.3	94 15 42.5	5,310
T. 26 N., Rs. 30 and 31 W., approximate quarter cor. between secs. 13 and 18, T-rd. W. -----	36 58 22.2	94 15 41.8	2,615
T. 26 N., Rs. 30 and 31 W., approximate cor. secs. 7, 12, 13, and 18, crossroads -----	36 58 48.5	94 15 41.1	2,665
T. 26 N., Rs. 30 and 31 W., approximate cor. secs. 1, 6, 7, and 12, crossroads -----	36 59 41.1	94 15 39.6	5,320

(For balance in Carthage quadrangle, see line 2.)

Diamond, crossroads in village of, at cor. secs. 3, 4, 9, and 10, T. 26 N., R. 31 W. -----	36 59 41.9	94 18 52.8	(5,413)
T. 26 N., R. 31 W., cor. secs. 4, 5, 8, and 9, crossroads -----	36 59 42.8	94 19 57.5	5,250
T. 26 N., R. 31 W., cor. secs. 5, 6, 7, and 8, crossroads -----	36 59 43.6	94 21 01.7	5,204
Diamond, about 3 mi. W. of, 15 ft. S. and 20 ft. W. from W. cor. secs. 6 and 7, T. 26 N., R. 31 W., 15 ft. N. and 20 ft. W. from E. cor. secs. 1 and 12, T. 26 N., R. 32 W., inside fence corner; iron post stamped "Prim Trav Sta No 4 1914 Mo 1078" -----	36 59 45.33	94 22 16.19	6,045
T. 26 N., R. 32 W., cor. secs. 1, 2, 11, and 12, crossroads -----	36 59 45.8	94 23 21.2	5,275
T. 26 N., R. 32 W., cor. secs. 2, 3, 10, and 11 -----	36 59 46.4	94 24 26.2	5,275
T. 26 N., R. 32 W., cor. secs. 3, 4, 9, and 10, stone at fence N. -----	36 59 47.4	94 25 31.8	5,324
T. 26 N., R. 32 W., cor. secs. 4, 5, 8, and 9, stone at T-fence N. -----	36 59 48.3	94 26 37.5	5,330

2. FROM SEC. 19, T. 25 N., R. 30 W., SOUTH TO SEC. 4, T. 23 N., R. 31 W., THENCE WEST INTO NOEL QUADRANGLE AT SEC. 3, T. 23 N., R. 33 W. (by E. L. McNair in 1914)

Prim Trav Sta No 2 1914 Mo 1207 (previously described) -----	36 52 41.22	94 15 51.07	.....
Aroma, crossroads at approximate cor. secs. 19, 24, 25, and 30, T. 25 N., Rs. 30 and 31 W. -----	36 51 48.7	94 15 52.7	5,222
T. 25 N., Rs. 30 and 31 W., approximate quarter cor. between secs. 25 and 30, rd. at fences E. and W. -----	36 51 22.6	94 15 53.5	2,640
T. 25 N., Rs. 30 and 31 W., approximate cor. secs. 25, 30, 31, and 36, stone near center of crossroads -----	36 50 56.7	94 15 54.3	2,636
T. 25 N., Rs. 30 and 31 W., approximate quarter cor. between secs. 31 and 36, T-rd. W. -----	36 50 30.4	94 15 54.9	2,655
T. 25 N., Rs. 30 and 31 W., S. cor. secs. 31 and 36 -----	36 50 04.4	94 15 55.7	2,626
Sweetwater, T-rd. N. at -----	36 49 37.0	94 15 56.3	2,775
T. 24 N., R. 31 W., cor. secs. 2, 3, 10, and 11, T-rd. S. -----	36 49 35.3	94 15 08.2	3,920
T. 24 N., R. 31 W., quarter cor. between secs. 10 and 11, rd. at fence W. -----	36 49 09.2	94 15 09.3	2,640
T. 24 N., R. 31 W., cor. secs. 10, 11, 14, and 15, rd. at fence E. -----	36 48 40.9	94 15 10.5	2,856

(For balance in Ritchey quadrangle, see line 4.)

T. 24 N., R. 31 W., cor. secs. 27, 28, 33, and 34, stone about 250 ft. N. of ford across Indian Creek -----	36 46 08.8	94 16 22.7	(10,253)
T. 24 N., R. 31 W., about 0.4 mi. S. of cor. secs. 27, 28, 33, and 34, 200 ft. E. of ford across Indian Creek, opposite T-rd. N.; iron post stamped "Prim Trav Sta No 5 1914 Mo 1038" -----	36 45 48.57	94 16 23.74	2,046
Rd. at McDonald-Newton county line on line between secs. 4 and 33, Tps. 23 and 24 N., R. 31 W. -----	36 45 17.8	94 16 52.2	3,877

(For balance in Noel quadrangle, see line 1.)

Tps. 23 and 24 N., Rs. 32 and 33 W., cor. of, on McDonald-Newton county line -----	36 45 36.8	94 26 01.4	(5,433)
Rd. forks -----	36 45 25.9	94 26 42.0	3,484
T-rd. N. -----	36 45 26.5	94 27 06.2	1,970
T. 23 N., R. 33 W., quarter cor. between secs. 2 and 3 -----	36 45 15.9	94 28 11.2	5,398
T. 23 N., R. 33 W., center sec. 3 -----	36 45 11.7	94 28 43.0	2,618

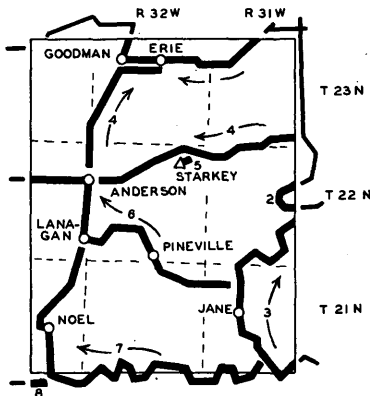
(Continued in South West City quadrangle; see line 2.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
3. FROM RITCHEY QUADRANGLE AT SEC. 35, T. 24 N., R. 31 W., WEST TO SEC. 33, T. 24 N., R. 31 W. (by C. N. Ackerman in 1935) (Continued from Ritchey quadrangle; see line 5.)			
T. 24 N., R. 31 W., quarter cor. between secs. 34 and 35, rd. at row of trees S. -----	36 45 40.9	94 15 19.3	(2,640)
Prim Trav Sta No 5 1914 Mo 1038 (previously described) -----	36 45 48.57	94 16 23.74	5,302

Magnetic declination 8° 17' E.

NOEL QUADRANGLE
(Latitude 36°30'-36°45'; longitude 94°15'-94°30')

McDonald County



1. FROM NEOSHO QUADRANGLE AT SEC. 4, T. 23 N., R. 31 W., WEST INTO NEOSHO QUADRANGLE AT SEC. 4, T. 23 N., R. 32 W. (by E. L. McNair in 1914)
(Continued from Neosho quadrangle; see line 2.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T-rd. N. -----	36 44 58.7	94 17 11.6	(2,502)
Rd. fork SE. -----	36 44 48.2	94 17 27.3	1,659
McNatt, W. corner of S. abutment of bridge over Indian Creek -----	36 43 54.1	94 18 42.6	8,217
T. 23 N., Rs. 31 and 32 W., approximate cor. secs. 7, 12, 13, and 18, crossroads -----	36 43 39.3	94 19 40.8	4,970
T. 23 N., R. 32 W., quarter cor. between secs. 11 and 14, stone -----	36 43 41.9	94 21 18.4	7,957
Erie, near cor. secs. 10, 11, 14, and 15, T. 23 N., R. 32 W., 20 ft. N. and 35 (? 30) ft. W. from T-rd. E., 7 ft. W. of fence corner; iron post stamped "Prim Trav Sta No 6 1914 Mo" -----	36 43 41.32	94 21 49.62	2,540
T. 23 N., R. 32 W., cor. secs. 10, 11, 14, and 15, iron bolt -----	36 43 43.0	94 21 50.6	187
Goodman, Kansas City Southern Ry. at rd. crossing, 100 ft. SW. of sta. -----	36 44 22.4	94 24 28.5	13,460
T. 23 N., R. 32 W., cor. secs. 5, 6, 7, and 8, T-rd. N. -----	36 44 42.5	94 24 59.5	3,240
T-rd. N. -----	36 44 44.2	94 25 47.9	3,940

(Continued in Neosho quadrangle; see line 2.)

2. FROM MOUNTAIN QUADRANGLE AT SEC. 14, T. 22 N., R. 31 W., NORTH INTO MOUNTAIN QUADRANGLE AT SEC. 14, T. 22 N., R. 31 W. (by C. N. Ackerman in 1934-35)
(Continued from Mountain quadrangle; see line 6.)

Junction of lane W. -----	36 37 51.1	94 15 08.0	(1,967)
T-rd. W. -----	36 38 03.7	94 15 13.6	1,356

(Continued in Mountain quadrangle; see line 6.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
3. FROM MOUNTAIN QUADRANGLE AT SEC. 35, T. 21 N., R. 31 W., WEST ALONG ROADS TO SEC. 34, T. 21 N., R. 31 W., THENCE NORTHWEST ALONG STATE HIGHWAY 88 TO SEC. 8, T. 21 N., R. 31 W., THENCE NORTHEAST ALONG ROADS INTO MOUNTAIN QUADRANGLE AT SEC. 14, T. 22 N., R. 31 W., INCLUDING THAT PART OF THE LINE IN FAYETTEVILLE NO. 2 QUADRANGLE (by C. N. Ackerman in 1934-35)			
(Continued from Mountain quadrangle; see line 7.)			
Rd. corner from N.-W. -----	36 30 10.2	94 15 30.1	(2,947)
Rd. at fence N. -----	36 29 59.9	94 15 46.2	1,679
Little Sugar Creek, E. end of bridge over -----	36 30 04.3	94 16 23.6	3,091
Caverna, 0.5 mi. N. of, 45 ft. S. and 60 ft. W. from junction of rd. W., 120 ft. S. and 60 ft. W. from highway at fence E., 12 ft. E. of blazed oak tree, in concrete post; standard tablet stamped "1322 C W A 1934" -----	36 30 28.15	94 16 49.56	3,209
Highway at fence E. -----	36 30 55.8	94 17 09.0	3,217
Highway at fences E. and W. -----	36 31 10.0	94 17 28.4	2,138
Junction of rd. E. -----	36 31 36.4	94 17 39.3	2,827
Junction of rd. E. and lane W. -----	36 32 03.1	94 17 53.4	2,919
Crossroad -----	36 32 23.3	94 18 05.1	2,259
Jane, 570 ft. S. and 36 ft. E. from crossroad, 110 ft. N. and 20 ft. W. from NW. corner of filling sta., in concrete post; standard tablet stamped "1323 C W A 1934" -----	36 32 43.30	94 18 15.61	2,196
Junction of rd. W. -----	36 33 09.7	94 18 26.4	2,814
Highway at fence E. -----	36 33 36.1	94 18 37.2	2,807
Junction of rd. E. -----	36 33 43.7	94 18 40.4	834
Rd. at blazed elm tree -----	36 34 02.1	94 18 17.0	2,665
T-rd. E. -----	36 34 28.2	94 18 13.0	2,653
Cyclone, 5.5 mi. SW. of, 720 ft. N. and 500 ft. W. from cor. secs. 4, 5, 32, and 33, Tps. 21 and 22 N., R. 31 W., 15 ft. W. of rd., 100 ft. S. and 25 ft. E. from small log dwelling, in concrete post; standard tablet stamped "1324 C W A 1934" -----	36 35 03.27	94 18 04.34	3,619
Rd. forks -----	36 35 24.0	94 18 08.3	2,125
Rd. forks N. and NE. -----	36 35 37.1	94 17 51.8	1,885
Rd. forks N. and NE. -----	36 35 44.0	94 17 22.7	2,479
Rd. at point 10 ft. S. of blazed 30-in. oak tree -----	36 35 25.5	94 17 02.1	2,511
Rd. at fence N. -----	36 35 20.0	94 16 41.0	1,806
Cyclone, 3.7 mi. SW. of, about 300 ft. N. and 800 ft. E. from center sec. 34, T. 22 N., R. 31 W., 50 ft. S. and 15 ft. W. from T-rd. S., 20 ft. S. and 2 ft. W. from fence corner, in concrete post; standard tablet stamped "1325 C W A 1934" -----	36 35 21.77	94 16 14.60	2,164
Rd. forks NW. and NE. -----	36 35 46.3	94 15 48.6	3,263
Rd. at blazed 24-in. oak tree S. of rd. -----	36 36 06.5	94 16 04.0	2,399
Rd. at blazed 36-in. oak tree S. of rd. -----	36 36 25.1	94 15 51.6	2,135
Cyclone, about 0.8 mi. SW. of, 300 ft. N. of cor. secs. 22, 23, 26, and 27, T. 22 N., R. 31 W., 25 ft. N. and 50 ft. W. from rd. at curve from S.-E., 6 ft. S. and 7 ft. E. from fence corner, in concrete post; standard tablet stamped "1326 C W A 1934" -----	36 36 41.07	94 15 43.61	1,741
Rd. at fence W. -----	36 36 46.3	94 15 26.5	1,495
T-rd. W. -----	36 37 00.4	94 15 18.4	1,564
T-rd. S. -----	36 37 23.7	94 15 18.3	2,364
1310 C W A 1934 (In Mountain quadrangle; see line 6.) -----	36 37 32.69	94 15 00.01	1,741

4. FROM MOUNTAIN QUADRANGLE SOUTHWEST ALONG STATE HIGHWAY 44 TO ANDERSON, THENCE NORTHEAST ALONG U.S. HIGHWAY 71 TO GOODMAN, THENCE EAST ALONG ROADS TO ERIE (by C. N. Ackerman in 1934-35)

1312 C W A 1934 (In Mountain quadrangle; see line 6.) -----	36 40 37.69	94 14 44.17	.....
Highway at fence N. and S. -----	36 40 40.1	94 15 16.7	2,664
Junction of rd. N. -----	36 40 28.2	94 15 49.6	2,935
Junction of rd. E. and lane W. -----	36 40 29.1	94 16 21.7	2,618
Highway at fence S. -----	36 40 16.6	94 16 38.5	1,861
Tps. 22 and 23 N., R. 31 W., quarter cor. between secs. 4 and 33, stone, 130 ft. S. of store of G. W. Cook -----	36 40 04.9	94 17 10.4	2,858
Plain View, 43 ft. E. general store, 40 ft. N. and 23 ft. E. from highway at curve from W.-N., in concrete post; standard tablet stamped "1315 C W A 1934" -----	36 39 53.41	94 17 43.63	2,946
Rd. corner from E.-S. -----	36 39 53.7	94 18 16.1	2,643
Junction of lane N. -----	36 39 32.9	94 18 33.3	2,527
Highway at fences N. and S., 510 ft. S. of quarter cor. between secs. 5 and 6, T. 22 N., R. 31 W. -----	36 39 36.4	94 18 48.8	1,315
Junction of rd. N. -----	36 39 41.6	94 19 05.0	1,421
Crossroad -----	36 39 33.8	94 19 37.5	2,759

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Highway at fences N. and S. -----	36 39 40.9	94 20 26.2	4,040
Anderson, 6.6 mi. E. of, 660 ft. N. and 126 ft. E. from NE. corner of Bunker Hill School, 75 ft. S. and 40 ft. E. from highway at crossroad, in concrete post; standard tablet stamped "1316 C W A 1934" -----	36 39 51.25	94 20 47.04	1,991
Junction of lane S. -----	36 39 56.8	94 21 12.8	2,170
Crossroad, 90 ft. N. of rd. corner from E.-N. -----	36 39 49.0	94 21 45.7	2,782
Junction of old rd. E. -----	36 39 35.7	94 22 09.8	2,365
Junction of rd. N., 100 ft. N. of quarter cor. between secs. 3 and 10, T. 22 N., R. 32 W. -----	36 39 24.8	94 22 35.1	2,333
Junction of lane S. -----	36 39 15.0	94 23 23.9	4,102
Anderson, 3.5 mi. E. of, 17 ft. N. and 77 ft. W. from highway at fences E. and W., 6 ft. S. and 12 ft. E. from blazed oak tree, in concrete post; standard tablet stamped "1317 C W A 1934" -----	36 38 59.12	94 23 36.97	1,924
Highway at fence S., 120 ft. E. of junction of rd. N. -----	36 38 44.4	94 24 30.2	4,582
Junction of rd. S. on line between secs. 17 and 18, T. 22 N., R. 32 W. -----	36 38 31.8	94 25 19.8	4,242
Highway at fence S. -----	36 38 26.2	94 25 55.2	2,942
Highway at fences N. and S. -----	36 38 28.8	94 26 07.6	1,441
Anderson, in E. part of, 250 ft. N. and 130 ft. E. from junction of State Highway 44 W., 5 ft. W. of blazed twin ash tree, in concrete post; standard tablet stamped "1320 C W A 1934" -----	36 38 48.63	94 26 58.23	4,592
Kansas City Southern Ry. at highway crossing -----	36 39 08.0	94 26 38.8	2,515
T. 22 N., R. 32 W., E. sixteenth cor. between secs. 1 and 12, junction of rd. W. -----	36 39 31.8	94 26 36.0	2,422
Junction of rd. W. -----	36 40 07.9	94 26 28.8	3,698
Junction of rd. W. -----	36 40 37.2	94 26 27.8	2,963
Anderson, 2.3 mi. N. of junction of State Highway 44, 2 ft. S. and 32 ft. E. from highway at fence E., 12 ft. N. and 25 ft. W. from NW corner of dwelling of Frank Totum, in concrete post; standard tablet stamped "1327 C W A 1934" -----	36 41 05.50	94 26 12.70	3,115
Junction of rd. W. -----	36 41 28.4	94 25 56.9	2,652
Junction of rd. W. -----	36 41 50.7	94 25 49.7	2,330
T. 23 N., R. 32 W., quarter cor. between secs. 19 and 30, junction of rd. W. -----	36 42 06.7	94 25 39.6	1,818
Highway at fences E. and W. -----	36 42 45.3	94 25 20.0	4,217
Kansas City Southern Ry. at highway crossing -----	36 42 59.6	94 25 13.4	1,536
Highway at fences E. and W. -----	36 43 11.2	94 25 12.4	1,183
Goodman, 1.3 mi. SW. of, 300 ft. S. and 40 ft. W. from highway at fence W., 50 ft. N. and 60 ft. E. from small log dwelling, 120 ft. N. and 3 ft. W. from blazed hickory tree, in concrete post; standard tablet stamped "1328 C W A 1934" -----	36 43 34.29	94 25 03.33	2,444
Highway at fence E. -----	36 44 02.9	94 25 01.4	2,900
T. 23 N., R. 32 W., quarter cor. between secs. 7 and 8, crossroad -----	36 44 16.5	94 25 00.8	1,371
Crossroad -----	36 44 15.2	94 24 28.9	2,605
Goodman, 0.5 mi. E. of, in NW 1/4 sec. 9, T. 23 N., R. 32 W., 30 ft. S. and 100 ft. E. from T.-rd. N., 40 ft. N. and 30 ft. E. from NE. corner of dwelling of L. P. Barnes, 24 ft. N. and 3 ft. W. from twin oak tree, in concrete post; standard tablet stamped "1329 C W A 1934" -----	36 44 20.48	94 23 47.71	3,395
T.-rd. S. -----	36 44 14.8	94 23 25.5	1,896
T.-rd. W. -----	36 44 11.4	94 22 52.3	2,726
Junction of lane N. -----	36 43 58.2	94 22 22.1	2,796
T. 23 N., R. 32 W., approximate S. sixteenth cor. between secs. 10 and 11, T.-rd. W. -----	36 43 56.3	94 21 51.5	2,495
Prim Trav Sta No 6 1924 Mo (previously described) -----	36 43 41.32	94 21 49.62	1,525

5. FROM SEC. 1, T. 22 N., R. 32 W., WEST ALONG STATE HIGHWAY 44 TO SEC. 2, T. 22 N., R. 32 W. (by C. N. Ackerman in 1934-35)

1316 C W A 1934 (previously described) -----	36 39 51.25	94 20 47.04	.....
Starkey triangulation sta. (marked by wooden stake; sta. may now be marked by standard disk) -----	36 39 55.76	94 21 16.97	2,481

6. FROM SEC. 8, T. 21 N., R. 31 W., NORTHWEST ALONG STATE HIGHWAY 88 TO LANAGAN, THENCE NORTH ALONG U.S. HIGHWAY 71 TO ANDERSON, THENCE WEST ALONG STATE HIGHWAY 44 INTO SOUTH WEST CITY QUADRANGLE (by C. N. Ackerman in 1934-35)

Junction of rd. E. (previously described) -----	36 33 43.7	94 18 40.4	.....
Highway at fence N. -----	36 33 49.0	94 19 22.7	3,496

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Junction of rd. N. about 300 ft. S. of N. sixteenth cor. between secs. 7 and 12, T. 21 N., Rs. 31 and 32 W. -----	36 33 48.8	94 20 10.6	3,908
Pineville, 3.2 mi. SE. of, 20 ft. N. and 10 ft. W. from NW. corner of dwelling of T. J. Masters, 30 ft. S. and 6 ft. W. from highway at fence N., in concrete post; standard tablet stamped "1330 C W A 1934" -----	36 33 43.97	94 20 46.90	3,001
Highway at fences N. and S. -----	36 33 47.5	94 20 59.1	1,054
Highway at fences S. and W. -----	36 34 08.5	94 21 30.3	3,316
Highway at hedge fence N. on N. side of creek -----	36 34 30.4	94 22 03.8	3,517
Highway at fences N. and S. -----	36 34 52.2	94 22 32.9	3,241
Highway at fences N. and S., 100 ft. S. of approximate quarter cor. between secs. 3 and 34, Tps. 21 and 22 N., R. 32 W. -----	36 35 02.2	94 22 48.7	1,642
Junction of rd. S. -----	36 35 13.8	94 23 10.9	2,154
Pineville, 640 ft. N. and 45 ft. W. from junction of rd. E., 42 ft. N. and 45 ft. W. from highway at fence W., 12 ft. N. and 80 ft. E. from small log dwelling, in concrete post; standard tablet stamped "1331 C W A 1934" -----	36 35 30.84	94 23 15.75	1,771
Junction of rd. S. -----	36 35 56.5	94 23 18.3	2,594
Highway at fences N. and S. -----	36 36 10.5	94 23 50.0	2,958
Highway at fence S. -----	36 36 17.6	94 24 21.8	2,690
Highway at fence S. -----	36 36 18.2	94 24 54.3	2,645
T. 22 N., R. 32 W., S. sixteenth cor. between secs. 29 and 30, highway at fence N. -----	36 36 15.1	94 25 26.6	2,658
Lanagan, 1.5 mi. E. of, 150 ft. S. and 150 ft. E. from large stone dwelling, 40 ft. N. and 2 ft. W. from highway at fence N., in concrete post; standard tablet stamped "1332 C W A 1934" -----	36 36 09.52	94 25 36.87	1,008
Highway at fence S. -----	36 35 51.5	94 26 00.8	2,666
T. 22 N., Rs. 32 and 33 W., approximate quarter cor. between secs. 31 and 36, highway at fence N. -----	36 35 36.6	94 26 31.8	2,945
Junction of rd. E. -----	36 35 54.7	94 26 56.2	2,702
Lanagan, 490 ft. E. of junction of State Highway 88, 450 ft. N. and 70 ft. W. from bridge over Kansas City Southern Ry., 4 ft. W. of blazed 40-in. elm tree, in concrete post; standard tablet stamped "1333 C W A 1934" -----	36 36 13.71	94 27 03.66	2,018
Highway at fence W. -----	36 36 42.5	94 26 45.6	3,261
Junction of rd. E. -----	36 36 54.6	94 26 34.1	1,548
Highway at fence E. -----	36 37 18.0	94 26 28.4	2,408
Highway at fences E. and W. -----	36 37 34.7	94 26 40.4	1,951
Highway at fence W. -----	36 37 49.6	94 26 57.0	2,017
Highway at fence W. -----	36 38 14.3	94 27 12.2	2,800
Crossroad -----	36 38 38.6	94 27 10.4	2,458
1320 C W A 1934 (previously described) -----	36 38 48.63	94 26 58.23	1,420
Highway at fences N. and S. -----	36 38 48.3	94 27 26.0	2,259
Highway at fence S. -----	36 38 49.8	94 27 58.4	2,650
Crossroad -----	36 38 50.3	94 28 30.9	2,648
Junction of rd. S. -----	36 38 57.7	94 29 02.9	2,719
T. 22 N., R. 33 W., S. sixteenth cor. between secs. 9 and 10, junction of rd. N. -----	36 38 59.2	94 29 35.4	2,647

(Continued in South West City quadrangle; see line 3.)

7. FROM SEC. 34, T. 21 N., R. 31 W., WEST TO SEC. 23, T. 21 N., R. 33 W., THENCE NORTH ALONG U.S. HIGHWAY 71 TO LANAGAN, INCLUDING THAT PART OF THE LINE IN FAYETTEVILLE NO. 2 QUADRANGLE (by C. N. Ackerman in 1934-35)

1322 C W A 1934 (previously described) -----	36 30 28.15	94 16 49.56	.....
T. 21 N., R. 31 W., cor. secs. 27, 28, 33, and 34, rd. corner from E.-SW. -----	36 30 29.6	94 17 05.0	1,268
T-rd. W. -----	36 30 16.6	94 17 22.6	1,949
Rd. corner from N.-W. -----	36 29 52.1	94 17 24.8	2,482
Rd. at fence N. -----	36 29 47.0	94 17 44.1	1,657
T-rd. S. -----	36 29 31.6	94 17 58.9	1,969
Rd. at fence S. -----	36 29 40.2	94 18 24.4	2,257
Rd. at fences N. and S. -----	36 29 51.7	94 18 56.7	2,884
Hiwassee, Ark., 4.5 mi. N. and 0.5 mi. E. from, W. sixteenth cor. sec. 18, T. 21 N., R. 31 W., 0.2 mi. S. of Ark.-Mo. State line, 8 ft. S. and 10 ft. E. from rd. corner from E.-S., 8 ft. S. and 6 ft. E. from rd. at fence S., 6 ft. E. of blazed hickory tree, in concrete post; standard tablet stamped "1341 C W A 1935" -----	36 29 49.10	94 19 13.31	1,379
Rd. fork SW. -----	36 29 43.0	94 19 29.7	1,474
Rd. fork E. -----	36 29 36.7	94 19 44.6	1,376
Rd. at point 20 ft. S. of corner fence post -----	36 29 23.0	94 20 10.8	2,547

Station	Latitude			Longitude			Distance Feet
	°	'	"	°	'	"	
Hiwassee triangulation sta. (marked by wooden stake; sta. may now be marked by standard disk) -----	36	29	22.99	94	20	25.36	1,186
Rd. forks SE. and SW. -----	36	29	50.9	94	20	45.4	3,263
Rd. fork N. -----	36	29	53.9	94	20	55.7	896
Rd. at fence S., W. of small dwelling -----	36	29	57.4	94	21	35.9	3,304
Pineville, 6 mi. S. of, near center of SW 1/4 sec. 35, T. 21 N., R. 32 W., about 600 ft. N. of Ark.-Mo. State line, 150 ft. S. and 50 ft. W. from small log dwelling, 100 ft. S. of rd., 9 ft. N. and 3 ft. W. from blazed 12-in. oak tree, 3 ft. N. and 15 ft. E. from blazed 6-in. oak tree, in concrete post; standard tablet stamped "1342 C W A 1935" -----	36	30	00.45	94	22	07.81	2,622
Junction of lane NE. -----	36	30	02.4	94	22	34.1	2,155
T-rd. N. -----	36	29	58.5	94	23	12.0	3,123
Rd. at blazed 14-in. oak tree N. of rd. -----	36	29	46.8	94	23	37.5	2,395
Rd. forks SE. and SW. -----	36	29	31.3	94	23	58.6	2,326
Rd. on curve from SE.-W. at blazed oak tree S. of rd. -----	36	29	48.8	94	24	20.8	2,531
Rd. forks E. and SE. -----	36	30	08.4	94	24	40.1	2,536
Pineville, 6 mi. S. and 1.5 mi. W. from, about 660 ft. S. of E. sixteenth cor. sec. 32, T. 21 N., R. 32 W., 20 ft. S. and 12 ft. W. from T-rd. E., 110 ft. S. and 100 ft. E. from dwelling of E. Forney, in concrete post; standard tablet stamped "1343 C W A 1935" -----	36	30	09.76	94	24	52.47	1,012
Rd. corner from NE.-W. -----	36	29	36.6	94	25	00.5	3,413
T-rd. S. -----	36	29	37.3	94	25	32.9	2,648
Rd. corner from E.-N. -----	36	29	57.5	94	26	19.8	4,343
Noel, about 5 mi. SE. of, in SW 1/4 sec. 31, T. 21 N., R. 32 W., 13 ft. N. and 16 ft. W. from T-rd. S., 13 ft. N. and 240 ft. W. from T-rd. N., 640 ft. N. and 320 ft. W. from fence corner, in concrete post; standard tablet stamped "1344 C W A 1935" -----	36	30	03.77	94	26	39.79	1,748
Rd. at fence E. -----	36	29	42.7	94	26	40.7	2,133
Rd. forks N. and E. -----	36	29	30.3	94	27	06.5	2,452
Rd. at fences E. and W. -----	36	29	15.2	94	27	16.9	1,753
Crossroad -----	36	29	17.0	94	27	42.3	2,077
Highway at fences N. and S. -----	36	29	32.2	94	27	57.7	1,978
Sulphur Springs, Ark., about 0.6 mi. NW. of, 45 ft. S. and 80 ft. E. from E.-W. crossroad, 100 ft. S. and 250 ft. W. from dwelling on property of George Edwards, in concrete post; standard tablet stamped "1345 C W A 1935" -----	36	29	42.12	94	28	33.90	3,126
Junction of rd. S. -----	36	29	52.6	94	28	44.9	1,390
Highway at fences E. and W. -----	36	30	14.2	94	28	58.4	2,449
Junction of rd. E. -----	36	30	45.7	94	28	58.3	3,183
Crossroad -----	36	31	02.2	94	29	04.7	1,746
Junction of rd. W. -----	36	31	24.5	94	29	11.8	2,334
Junction of rd. W. -----	36	31	47.0	94	29	17.6	2,319
Noel, 0.5 mi. S. of, 170 ft. N. of filling sta., 15 ft. N. and 45 ft. W. from highway at fence W., in NE. corner of field of C. H. Perry, in concrete post; standard tablet stamped "1346 C W A 1935" -----	36	32	13.12	94	29	17.85	2,645
Noel, junction of rd. E. to town of -----	36	32	43.4	94	29	22.7	3,088
Junction of State Highway 90 W., 100 ft. S. of bridge over Elk River -----	36	32	52.6	94	29	37.7	1,540
Junction of rd. N. -----	36	33	08.4	94	29	11.6	2,660
Junction of rd. W. -----	36	33	27.6	94	28	45.5	2,885
Highway at fence E. -----	36	33	58.6	94	28	12.4	4,137
Noel, about 2.3 mi. NE. of, 60 ft. S. and 130 ft. E. from mouth of Mount Shira Cave, about 900 ft. S. of dwelling of Tom Walker, 2 ft. N. and 42 ft. E. from highway at fence E., in concrete post; standard tablet stamped "1347 C W A 1935" -----	36	34	05.84	94	28	04.00	1,004
Highway at fence E. -----	36	34	27.3	94	27	54.8	2,297
Highway at fence E. -----	36	34	47.1	94	27	52.4	2,017
Highway at fence W. on curve from S.-NE. -----	36	35	17.4	94	27	40.8	3,201
Junction of rd. E. -----	36	35	25.8	94	27	27.5	1,581
Junction of rd. E. -----	36	35	55.4	94	27	20.7	3,041
1333 C W A 1934 (previously described) -----	36	36	13.71	94	27	03.66	2,318

8. FROM SEC. 15, T. 21 N., R. 33 W., WEST INTO ROW QUADRANGLE AT SEC. 21, T. 21 N., R. 33 W., ACTUALLY IN FAYETTEVILLE NO. 2 QUADRANGLE (by C. N. Ackerman in 1934-35)

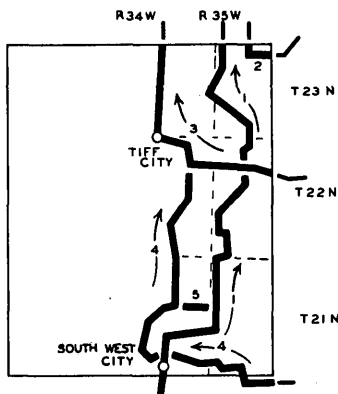
1345 C W A 1935 (previously described) -----	36	29	42.12	94	28	33.90	.....
T. 21 N., R. 33 W., S. sixteenth cor. between secs. 15 and 16, T-rd. S. -----	36	29	43.3	94	29	16.9	3,510
Rd. at fences N. and S. -----	36	29	37.4	94	29	49.3	2,719

(Continued in South West City quadrangle; see line 4.)

Magnetic declination 8° 19' E.

SOUTH WEST CITY QUADRANGLE *
(Latitude 36°30'-36°45'; longitude 94°30'-94°45')

McDonald County



1. FROM SOUTHWEST CORNER OF MISSOURI NORTH INTO SENECA QUADRANGLE AT SEC. 1, T. 23 N., R. 34 W., INCLUDING THAT PART OF THE LINE IN ROW QUADRANGLE (by George T. Hawkins in 1906)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
W. corner of Ark. and Mo. -----	36 29 58.5	94 37 02.6	.....
South West City, T-rd. N. at S. end of Main Street -----	36 30 37.9	94 36 40.6	4,370
T-rd. E. -----	36 31 48.4	94 36 41.4	7,140
T. 21 N., R. 34 W., quarter cor. between secs. 22 and 27, T-rd. E. -----	36 32 00.0	94 35 52.3	4,176
T. 21 N., R. 34 W., quarter cor. between secs. 23 and 26, rd. corner from W.-S. -----	36 31 57.7	94 34 47.6	5,285
T. 21 N., R. 34 W., quarter cor. between secs. 24 and 25, T-rd. W. -----	36 31 55.5	94 33 42.7	5,309
T. 21 N., R. 34 W., 25 ft. SW. of quarter cor. between secs. 24 and 25, 9 ft. W. of fence corner, 2 ft. N. of fence; iron post stamped "Prim Trav Sta No 5 1906" -----	36 31 55.30	94 33 42.81	26
T. 21 N., R. 34 W., E. cor. secs. 13 and 24 -----	36 32 46.3	94 33 08.6	5,868
Elk River, S. bank of Yokum ford across -----	36 35 01.8	94 33 03.4	13,720
T-rd. E., 500 ft. N. of dwelling -----	36 35 23.1	94 32 36.8	5,424
T. 22 N., R. 34 W., approximate E. quarter cor. sec. 36 -----	36 35 50.1	94 32 57.6	1,683
Rd. junction at dwelling of J. B. Peck -----	36 36 06.0	94 33 19.8	2,428
T. 22 N., R. 34 W., E. quarter cor. sec. 24 -----	36 37 34.6	94 32 52.6	9,242
T-rd. S. -----	36 38 13.7	94 32 50.6	3,957
T. 22 N., R. 33 W., cor. secs. 7, 8, 17, and 18, crossroads -----	36 38 50.7	94 31 44.1	6,586
Coy, 30 ft. NW. of hotel, in NW. corner of yard, 10 ft. from door of grocery store; iron post stamped "Prim Trav Sta No 6 1906" -----	36 39 40.20	94 31 54.14	5,082
Rd. forks -----	36 39 50.6	94 31 39.2	1,612
T. 22 N., R. 33 W., N. cor. secs. 5 and 6, rd. forks -----	36 40 35.0	94 31 39.3	4,490
Rd. forks on top of ridge -----	36 41 28.7	94 31 55.4	5,595
May (old site of), T-rd. E. at -----	36 42 50.7	94 33 58.4	13,010
Rd. forks -----	36 44 18.9	94 33 00.9	10,077

(Continued in Seneca quadrangle; see line 1.)

2. FROM NOEL QUADRANGLE AT SEC. 9, T. 23 N., R. 33 W., NORTH INTO SENECA QUADRANGLE AT SEC. 6, T. 23 N., R. 33 W. (by E. L. McNair in 1914)
(Continued from Neosho quadrangle; see line 2.)

T. 23 N., R. 33 W., cor. secs. 5, 6, 7, and 8, stone at large oak tree near E. bank of Buffalo Creek just W. of May's store, 500 ft. S. of rd. forks, 25 ft. E. of walnut tree -----	36 44 56.5	94 31 26.4	(13,386)
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(Continued in Seneca quadrangle; see line 2.)

* Part of this quadrangle lies in Oklahoma.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet

3. FROM NOEL QUADRANGLE WEST ALONG STATE HIGHWAY 44 TO TIFF CITY, THENCE NORTH ALONG ROADS TO SEC. 28, T. 23 N., R. 34 W., THENCE NORTH ALONG STATE HIGHWAY 43 INTO SENECA QUADRANGLE (by C. N. Ackerman in 1934-35)
(Continued from Noel quadrangle; see line 6.)

Tiff City, 7.5 mi. E. of, 45 ft. S. and 9 ft. W. from junction of lane S., 45 ft. S. and 720 ft. W. from highway at fences N. and S., 20 ft. S. of blazed hickory tree, in concrete post; standard tablet stamped "1334 C W A 1934"	36 39 00.07	94 30 16.59	(3,362)
Junction of rd. S. -----	36 39 01.4	94 30 40.0	1,910
Highway at fences N. and S. -----	36 39 02.6	94 31 11.8	2,600
T. 22 N., R. 33 W., S. sixteenth cor. between secs. 7 and 8, crossroad -----	36 39 03.8	94 31 43.7	2,600
Rd. at fences E. and W. -----	36 39 30.4	94 31 52.8	2,787
Prim Trav Sta No 6 1906 (previously described) -----	36 39 40.20	94 31 54.14	998
Crossroad (previously described) -----	36 39 03.8	94 31 43.7	.....
Highway at fences N. and S. -----	36 39 04.9	94 32 16.8	2,699
T. 22 N., Rs. 33 and 34 W., approximate S. sixteenth cor. between secs. 7 and 12, crossroad -----	36 39 06.0	94 32 48.6	2,590
Highway at fence N. -----	36 39 06.8	94 33 20.3	2,591
Crossroad -----	36 39 07.7	94 33 52.1	2,589
Tiff City, 3.2 mi. E. of, 20 ft. N. and 14 ft. W. from junction of County Route N (now State Highway 43), 570 ft. N. and 270 ft. E. from old E.-W. rd. at fence N., in concrete post; standard tablet stamped "1335 C W A 1934" -----	36 39 15.34	94 34 37.56	3,784
Patterson Creek, E. end of bridge over -----	36 39 37.0	94 34 30.5	2,269
T. 22 N., R. 34 W., approximate W. sixteenth cor. between secs. 2 and 11, crossroad -----	36 39 48.0	94 34 39.2	1,321
Crossroad -----	36 40 06.4	94 34 51.6	2,116
Highway at fence N. -----	36 40 02.4	94 35 26.5	2,877
Junction of rd. SW., 400 ft. S. of quarter cor. between secs. 3 and 4, T. 22 N., R. 34 W. -----	36 40 09.3	94 36 01.8	2,962
Buffalo Creek, E. end of bridge over -----	36 40 14.7	94 36 13.5	1,093
Highway at fences E. and W. -----	36 40 18.0	94 36 36.3	1,888
Tiff City, 80 ft. S. and 60 ft. E. from school, 770 ft. E. of Mo.-Okla. State line, 10 ft. N. and 500 ft. E. from crossroad, in concrete post; standard tablet stamped "1336 C W A 1935"	36 40 09.06	94 36 55.23	1,791
State-line rd. at fence W. -----	36 40 32.0	94 37 04.3	2,432
State-line rd. at rd. W. -----	36 40 57.0	94 37 04.4	2,530
State-line rd. at fence E. -----	36 41 38.9	94 37 04.8	4,240
State-line rd. at fence E. -----	36 42 05.4	94 37 04.8	2,680
Hart, 2.5 mi. S. of, at summit of Shockley Hill, W. of old rd., 18 ft. S. of large oak tree; iron post stamped "1098"	36 42 20.82	94 36 59.19	1,624
Tiff City, 2.8 mi. N. of, 70 ft. S. and 90 ft. E. from junction of rd. SW., 24 ft. N. and 36 ft. W. from small dwelling, 2 ft. S. and 4 ft. E. from blazed oak tree, in concrete post; standard tablet stamped "1337 C W A 1935"	36 42 31.11	94 36 41.89	1,752
Highway at fence W. -----	36 42 56.8	94 36 45.0	2,605
Highway on curve from S.-E. -----	36 43 35.2	94 36 27.1	4,157
Junction of rd. E. -----	36 44 01.0	94 36 21.1	2,653
Hart, at SW. corner of post office; iron post stamped "1103"	36 44 14.62	94 36 20.00	1,380
Highway at fences E. and W. -----	36 44 40.2	94 36 19.2	2,592
Hart, 0.8 mi. N. of, 90 ft. S. and 31 ft. E. from highway at fences E. and W., in SW. corner of Hart Cemetery, 16 ft. S. of blazed hickory tree, in concrete post; standard tablet stamped "1338 C W A 1935"	36 44 52.21	94 36 18.35	1,213

(Continued in Seneca quadrangle; see line 4.)

4. FROM FAYETTEVILLE NO. 2 QUADRANGLE AT SEC. 21, T. 21 N., R. 33 W., WEST ALONG ROADS TO SOUTH WEST CITY, THENCE NORTHEAST ALONG STATE HIGHWAY 90 TO SEC. 27, T. 21 N., R. 34 W., THENCE NORTH ALONG STATE HIGHWAY 43 TO SEC. 11, T. 22 N., R. 34 W., INCLUDING THAT PART OF THE LINE IN ROW QUADRANGLE (by C. N. Ackerman in 1934-35)
(Continued from Noel quadrangle; see line 8.)

T-rd. E. -----	36 29 23.7	94 30 21.7	(2,982)
T-rd. S. -----	36 29 19.5	94 30 53.4	2,624
Sulphur Springs, Ark., 3 mi. W. of, N. sixteenth cor. between secs. 19 and 20, T. 21 N., R. 33 W., 25 ft. N. and 25 ft. E. from crossroads, 75 ft. E. of Check's corner store, on property of J. A. Edmisten, in concrete post; standard tablet stamped "1348 E R A 1935"	36 29 21.16	94 31 25.75	2,646
T-rd. S. -----	36 29 56.8	94 31 25.3	3,600
T-rd. N. -----	36 29 57.0	94 31 41.7	1,340

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T-rd. N. on line between secs. 31 and 32, T. 21 N., R. 33 W., 50 ft. W. of T-rd. S. -----	36 29 57.2	94 32 14.3	2,660
Rd. at fence N. -----	36 29 57.5	94 32 46.6	2,640
T-rd. N. -----	36 29 57.6	94 33 15.9	2,390
South West City, 3 mi. SE. of, 170 ft. E. of S. quarter cor. sec. 36, T. 21 N., R. 34 W., 125 ft. N. and 10 ft. E. from rd. at fences E. and W., 30 ft. S. and 30 ft. W. from dwelling of John Womach, 72 ft. S. of blazed 18-in. oak tree, in concrete post; standard tablet stamped "1349 E R A 1935" -----	36 30 12.32	94 33 46.12	2,883
Rd. at fence N. -----	36 30 24.8	94 34 16.5	2,781
Rd. at fences N. and S. -----	36 30 24.6	94 34 35.0	1,514
Rd. at fences N. and S. -----	36 30 16.9	94 35 09.4	2,913
Rd. corner from E.-N. at fence S. -----	36 30 14.4	94 35 41.8	2,660
Rd. at fences N. and S. -----	36 30 28.1	94 35 57.4	1,876
Crossroads -----	36 30 34.4	94 36 29.3	2,685
South West City, at S. limits of, 80 ft. N. and 40 ft. E. from junction of rd. E., in SW. corner of yard of A. G. Nichols, in concrete post; standard tablet stamped "1350 E R A 1935" -----	36 30 38.43	94 36 40.41	993
U.S.C. & G.S. standard disk stamped "C C 47 1934" -----	36 30 59.89	94 36 39.89	2,169
Junction of rd. W. -----	36 31 17.5	94 36 43.1	1,800
Junction of lane E. -----	36 31 44.9	94 36 41.8	2,769
T. 21 N., R. 34 W., cor. secs. 21, 22, 27, and 28, highway at fences N. and S. -----	36 32 00.9	94 36 24.8	2,132
South West City, 2.3 mi. NE. of, 210 ft. N. and 30 ft. W. from junction of State Highway 90, in concrete post; standard tablet stamped "1351 E R A 1935" -----	36 32 01.82	94 35 52.76	2,618
Highway at fences E. and W. -----	36 32 26.1	94 35 51.1	2,458
T. 21 N., R. 34 W., quarter cor. between secs. 15 and 22, junction of rd. E. -----	36 32 52.4	94 35 49.6	2,661
Junction of rd. W. -----	36 33 18.4	94 35 48.2	2,635
Junction of rd. E. -----	36 33 44.5	94 35 46.6	2,645
Highway at fences E. and W. -----	36 34 10.6	94 35 45.2	2,640
South West City, about 5.2 mi. N. of, 60 ft. S. and 30 ft. E. from crossroad, in concrete post; standard tablet stamped "1352 E R A 1935" -----	36 34 36.44	94 35 43.39	2,614
Highway at fence E. -----	36 35 03.1	94 35 42.2	2,714
Tps. 21 and 22 N., R. 34 W., approximate quarter cor. between secs. 3 and 34, junction of rd. W. -----	36 35 29.3	94 35 40.7	2,650
Junction of rd. E. -----	36 35 55.5	94 35 39.4	2,649
Junction of lane W. -----	36 36 21.4	94 35 37.9	2,630
Highway at fence E. -----	36 36 47.5	94 35 36.7	2,641
South West City, 8.2 mi. N. of, 12 (? 24) ft. N. and 48 ft. E. from junction of rd. W., 50 ft. N. and 12 ft. E. from blazed oak tree, in concrete post; standard tablet stamped "1353 E R A 1935" -----	36 37 13.16	94 35 20.99	2,890
Junction of lane E. -----	36 37 26.1	94 35 15.4	1,382
Elk River, N. end of bridge over -----	36 37 51.5	94 35 11.7	2,592
Junction of rd. W. -----	36 38 15.7	94 35 02.4	2,558
Highway at fence E. -----	36 38 37.8	94 34 57.4	2,275
Crossroad -----	36 38 56.4	94 34 52.0	1,929
1335 C W A 1934 (previously described) -----	36 39 15.34	94 34 37.56	2,249

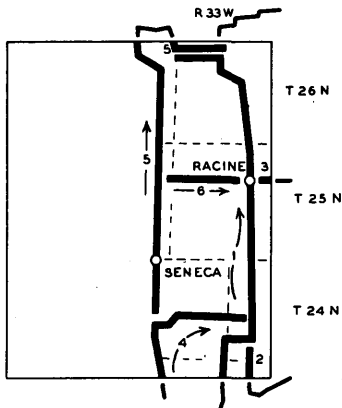
5. FROM SEC. 22, T. 21 N., R. 34 W., EAST ALONG STATE HIGHWAY 90 TO SEC. 25, T. 21 N., R. 34 W. (by C. N. Ackerman in 1934-35)

1351 E R A 1935 (previously described) -----	36 32 01.82	94 35 52.76	.....
Crossroad -----	36 31 58.7	94 35 20.1	2,681
T. 21 N., R. 34 W., quarter cor. between secs. 23 and 26, junction of rd. S. -----	36 31 57.6	94 34 47.6	2,655
T. 21 N., R. 34 W., cor. secs. 23, 24, 25, and 26, highway at fences N. and S. -----	36 31 56.6	94 34 15.2	2,645
Prim Trav Sta No 5 1906 (previously described) -	36 31 55.30	94 33 42.81	2,650

Magnetic declination 8° 11' E.

SENECA QUADRANGLE
(Latitude 36°45'-37°00'; longitude 94°30'-94°45')

McDonald and Newton Counties



1. FROM SOUTH WEST CITY QUADRANGLE AT SEC. 1, T. 23 N., R. 34 W., NORTH TO SEC. 9, T. 26 N., R. 33 W., THENCE WEST TO MISSOURI-OKLAHOMA STATE LINE AT SEC. 11, T. 26 N., R. 34 W. (by George T. Hawkins in 1906)
(Continued from South West City quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Tps. 23 and 24 N., Rs. 33 and 34 W., cor. of, crossroads -----	36 45 50.8	94 32 28.2	(9,678)
T. 24 N., Rs. 33 and 34 W., approximate cor. secs. 25, 30, 31, and 36, T-rd. S. -----	36 46 43.0	94 32 25.7	5,293
T. 24 N., R. 33 W., cor. secs. 29, 30, 31, and 32, T-rd. W. -----	36 46 40.7	94 31 22.5	5,156
T. 24 N., R. 33 W., in SE 1/4 SE 1/4 sec. 19, NW. of T-rd. W., 6 ft. NW. of fence corner; iron post stamped "Prim Trav Sta No 7 1906" --	36 47 33.60	94 31 28.68	5,384
Dessa, cor. secs. 17, 18, 19, and 20, T. 24 N., R. 33 W. -----	36 48 23.7	94 31 17.1	5,154
T. 24 N., R. 33 W., cor. secs. 5, 6, 7, and 8 --	36 50 09.7	94 31 11.7	10,728
T-rd. S. at rd. fork NW. on S. line sec. 34, T. 25 N., R. 33 W. -----	36 50 15.4	94 31 11.4	576
T-rd. E. at fence corner -----	36 50 54.9	94 31 20.6	4,076
Crossroads near large dwelling -----	36 51 43.1	94 31 21.5	4,876
T. 25 N., R. 33 W., quarter cor. between secs. 10 and 15 -----	36 53 45.3	94 31 34.2	12,400
Racine, near quarter cor. between secs. 10 and 15, T. 25 N., R. 33 W., 630 ft. N. of crossroads, near fence E. of rd.; iron post stamped "Prim Trav Sta No 8 1906" -----	36 53 51.44	94 31 36.84	664
T. 25 N., R. 33 W., N. cor. secs. 3 and 4 -----	36 55 31.6	94 32 04.4	10,278
T. 26 N., R. 33 W., S. cor. secs. 33 and 34, T-rd. N. -----	36 55 31.6	94 32 05.6	97
T. 26 N., R. 33 W., cor. secs. 27, 28, 33, and 34 -----	36 56 22.6	94 32 04.5	5,260
T. 26 N., R. 33 W., cor. secs. 21, 22, 27, and 28, crossroads -----	36 57 14.1	94 32 03.6	5,199
T. 26 N., R. 33 W., cor. secs. 15, 16, 21, and 22, crossroads -----	36 58 06.8	94 32 02.6	5,341
T. 26 N., R. 33 W., cor. secs. 16, 17, 20, and 21, T-rd. N. -----	36 58 07.5	94 33 07.4	5,252
T. 26 N., R. 33 W., cor. secs. 4, 5, 8, and 9, crossroads -----	36 59 51.8	94 33 05.8	10,560
T. 26 N., R. 33 W., cor. secs. 4, 5, 8, and 9, 50 ft. SE. of crossroads; iron post stamped "Prim Trav Sta No 9 1906 1112 Crthg" -----	36 59 51.64	94 33 05.42	38
T. 26 N., R. 33 W., cor. secs. 5, 6, 7, and 8, crossroads -----	36 59 53.1	94 34 10.0	5,251
T-rd. E. on Mo.-Okla. State line about 1 mi. S. of SE. corner of Kans. -----	36 59 08.5	94 37 04.7	14,872

2. FROM SOUTH WEST CITY QUADRANGLE AT SEC. 6, T. 23 N., R. 33 W., NORTH TO SEC. 19, T. 24 N., R. 33 W. (by E. L. McNair in 1914)
(Continued from South West City quadrangle; see line 2.)

Tps. 23 and 24 N., R. 33 W., approximate cor. secs. 5, 6, 31, and 32, stone on McDonald-Newton county line -----	36 45 48.4	94 31 25.1	(5,252)
--	------------	------------	---------

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 24 N., R. 33 W., cor. secs. 29, 30, 31, and 32, rd. corner from W.-N. -----	36 46 40.8	94 31 22.5	5,292
Prim Trav Sta No 7 1906 (previously described) -	36 47 33.60	94 31 28.68	5,368

3. FROM RACINE EAST INTO NEOSHO QUADRANGLE AT SEC. 14, T. 25 N., R. 33 W.
(by E. L. McNair in 1914)

Prim Trav Sta No 8 1906 (previously described) -	36 53 51.44	94 31 36.84	.....
T. 25 N., R. 33 W., quarter cor. between secs. 10 and 15, E.-W. rd. at fences N. and S., 125 ft. E. of bridge -----	36 53 45.1	94 31 33.9	682
Racine, St. Louis-San Francisco Ry. at sta. -----	36 53 39.6	94 31 12.8	1,809

(Continued in Neosho quadrangle; see line 1.)

4. FROM SOUTH WEST CITY QUADRANGLE NORTH ALONG STATE HIGHWAY 43 TO SEC. 29,
T. 24 N., R. 34 W., THENCE EAST ALONG ROADS TO SEC. 19, T. 24 N.,
R. 33 W. (by C. N. Ackerman in 1935)
(Continued from South West City quadrangle; see line 3.)

Highway at fences E. and W. -----	36 45 19.4	94 36 17.3	(2,748)
Highway at fences E. and W. -----	36 45 45.4	94 36 16.0	2,640
Junction of rd. SW. -----	36 46 02.8	94 36 33.8	2,280
Highway at fences E. and W. -----	36 46 24.6	94 36 42.6	2,299
T. 24 N., R. 34 W., cor. secs. 28, 29, 32, and 33, crossroad -----	36 46 50.7	94 36 45.7	2,666
Seneca, 3.5 mi. S. of, quarter cor. between secs. 28 and 29, T. 24 N., R. 34 W., 20 ft. S. and 30 ft. E. from junction of rd. E., 18 ft. N. and 27 ft. W. from large dwelling on property of John Walker, in concrete post; standard tablet stamped "1339 C W A 1935" -----	36 47 16.78	94 36 43.87	2,641
Rd. at fences N. and S. -----	36 47 16.0	94 36 11.8	2,608
T. 24 N., R. 34 W., cor. secs. 21, 22, 27, and 28, center of culvert at fences E. and W. -----	36 47 41.2	94 35 37.9	3,755
Rd. at fences N. and S. -----	36 47 40.2	94 35 05.8	2,617
Seneca, 3 mi. S. and 2 mi. E. from, cor. secs. 22, 23, 26, and 27, T. 24 N., R. 34 W., 15 ft. S. and 20 ft. E. from crossroads, in NW. corner of pasture, in concrete post; standard tablet stamped "1340 C W A 1935" -----	36 47 39.06	94 34 33.20	2,651
Crossroads -----	36 47 38.3	94 34 00.8	2,639
T. 24 N., R. 34 W., cor. secs. 23, 24, 25, and 26, crossroads -----	36 47 37.3	94 33 28.1	2,660
Crossroads -----	36 47 36.4	94 33 55.6	2,640
T. 24 N., R. 33 and 34 W., approximate cor. secs. 19, 24, 25, and 30, rd. at fences E. and W. -----	36 47 35.2	94 32 23.4	2,629
T-rd. S. -----	36 47 34.1	94 31 52.3	2,531
Prim Trav Sta No 7 1906 (previously described) -	36 47 33.60	94 31 28.68	1,919

5. FROM SEC. 29, T. 24 N., R. 34 W., NORTH ALONG STATE HIGHWAY 43 AND ROADS
TO SEC. 2, T. 26 N., R. 34 W., THENCE EAST TO SEC. 9, T. 26 N., R. 33 W.
(by C. N. Ackerman in 1935)

1339 C W A 1935 (previously described) -----	36 47 16.78	94 36 43.87	.....
Crossroad -----	36 47 43.1	94 36 42.9	2,659
Highway at fences E. and W. -----	36 48 09.2	94 36 41.5	2,650
T. 24 N., R. 34 W., cor. secs. 16, 17, 20, and 21, junction of rd. E. -----	36 48 35.4	94 36 40.1	2,649
Highway at fence W. -----	36 49 01.6	94 36 38.7	2,649
Junction of rd. E. -----	36 49 27.7	94 36 37.5	2,640
Seneca, in S. part of, 130 ft. S. and 10 ft. W. from junction of U.S. Highway 60, 20 ft. S. and 38 ft. E. from SE. corner of filling sta., in concrete post; standard tablet stamped "1354 E R A 1935" -----	36 50 09.33	94 36 38.88	4,213
Junction of rd. W. -----	36 50 43.4	94 36 39.4	3,447
Junction of rd. N. -----	36 51 00.4	94 36 38.9	1,717
Rd. at fences E. and W. -----	36 51 37.8	94 36 27.1	3,901
T. 25 N., R. 34 W., cor. secs. 23, 24, 25, and 26, crossroads -----	36 52 03.9	94 36 26.5	2,646
Rd. at fence E. -----	36 52 30.0	94 36 26.0	2,640
Seneca, 2 mi. N. of, N. sixteenth cor. between secs. 23 and 24, T. 25 N., R. 34 W., 78 ft. S. and 50 ft. W. from SW. corner of dwelling of O. W. Stephenson, 2 ft. S. and 27 ft. E. from T-rd. W., in concrete post; standard tablet stamped "1355 E R A 1935" -----	36 52 43.15	94 36 25.43	1,326
T-rd. E. -----	36 53 09.4	94 36 25.1	2,653
T. 25 N., R. 34 W., cor. secs. 11, 12, 13, and 14, crossroads -----	36 53 48.5	94 36 24.0	3,956
Rd. at hedge fence W. -----	36 54 14.8	94 36 23.3	2,661

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Crossroads -----	36 54 41.0	94 36 22.7	2,650
T. 25 N., R. 34 W., quarter cor. between secs. 1 and 2, rd. at fence E. -----	36 55 07.2	94 36 22.0	2,650
Seneca, 5 mi. N. of, N. sixteenth cor. between secs. 1 and 2, T. 25 N., R. 34 W., 3 ft. N. and 25 ft. E. from rd. at hedge fence W., in concrete post; standard tablet stamped "1357 E R A 1935" -----	36 55 20.35	94 36 21.45	1,331
Rd. at fence E. -----	36 55 46.5	94 36 22.4	2,648
Rd. at fences E. and W. -----	36 56 12.7	94 36 22.0	2,650
T-rd. E. -----	36 56 52.1	94 36 21.1	3,980
T. 26 N., R. 34 W., cor. secs. 23, 24, 25, and 26, crossroads -----	36 57 18.2	94 36 20.4	2,640
Crossroads -----	36 57 35.6	94 36 18.3	1,773
Rd. forks S. and SE. -----	36 57 54.0	94 36 19.5	1,862
Spring City, 1.5 mi. S. and 4 mi. W. from, cor. secs. 13, 14, 23, and 24, T. 26 N., R. 34 W., 25 ft. N. and 16 ft. E. from T-rd. E., 3 ft. N. and 15 ft. W. from blazed tree, in concrete post; standard tablet stamped "1358 E R A 1935" -----	36 58 10.94	94 36 18.83	1,716
T. 26 N., R. 34 W., quarter cor. between secs. 13 and 14, rd. corner from S.-W. -----	36 58 36.5	94 36 18.7	2,586
Rd. forks S. and SE. -----	36 58 43.4	94 36 50.1	2,641
Rd. at fence W. -----	36 59 00.1	94 37 05.4	2,088
Rd. at fence E. -----	36 59 29.8	94 37 04.0	3,008
E. corner of Kans. and Okla., rd. at pipe line E. and W. -----	36 59 56.0	94 37 04.0	2,650
(For balance in Galena quadrangle, see line 6.)			
T. 26 N., R. 34 W., quarter cor. between secs. 1 and 12, T-rd. N. -----	36 59 54.8	94 35 44.2	(1,620)
Rd. at blazed tree W. of rd. -----	36 59 57.0	94 35 07.8	2,961
Spring City, 0.5 mi. N. and 2.2 mi. W. from, about 500 ft. N. and 200 ft. E. from E. sixteenth cor. between secs. 6 and 7, T. 26 N., R. 33 W., 60 ft. S. and 50 ft. E. from dwelling of S. H. Toles, N. of rd., in concrete post; standard tablet stamped "1360 E R A 1935" -----	36 59 57.20	94 34 23.47	3,596
T. 26 N., R. 33 W., approximate cor. secs. 5, 6, 7, and 8, T-rd. N. -----	36 59 52.9	94 34 10.3	1,156
T-rd. N. -----	36 59 52.4	94 33 38.1	2,608
Prim Trav Sta No 9 1906 1142 Crthg (previously described) -----	36 59 51.64	94 33 05.42	2,655

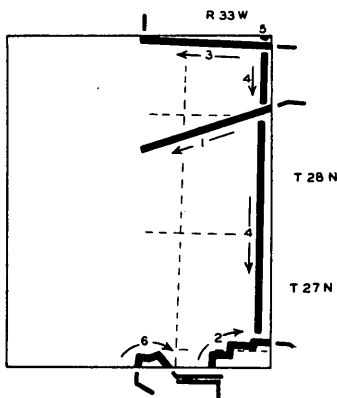
6. FROM SEC. 11, T. 25 N., R. 34 W., EAST TO RACINE (by C. N. Ackerman in 1935)

Crossroads (previously described) -----	36 53 48.5	94 36 24.0	.....
Rd. at fences N. and S. -----	36 53 48.0	94 35 51.6	2,631
T. 25 N., Rs. 33 and 34 W., approximate cor. secs. 7, 12, 13, and 18, rd. at fence S. -----	36 53 47.6	94 35 19.2	2,629
Seneca, 3 mi. N. and 1 mi. E. from, on State Highway 43, about 970 ft. E. of cor. secs. 7, 12, 13, and 18, T. 25 N., Rs. 33 and 34 W., 18 ft. N. and 50 ft. E. from crossroad, in concrete post; standard tablet stamped "1356 E R A 1935" -----	36 53 47.72	94 35 07.32	967
Rd. at fence N. -----	36 53 47.3	94 34 44.6	1,848
Rd. at lanes N. and S. -----	36 53 47.0	94 34 15.9	2,330
Rd. at lane N. -----	36 53 46.8	94 33 43.4	2,640
T. 25 N., R. 33 W., cor. secs. 8, 9, 16, and 17, crossroads -----	36 53 46.2	94 33 10.6	2,660
Rd. at fences N. and S. -----	36 53 45.8	94 32 38.5	2,610
Rd. corner from W.-SE. -----	36 53 45.2	94 32 06.0	2,631
Prim Trav Sta No 8 1906 (previously described) -	36 53 51.44	94 31 36.84	2,458

Magnetic declination 8° 20' E.

GALENA QUADRANGLE *
(Latitude 37°00'-37°15'; longitude 94°30'-94°45')

Jasper and Newton Counties



1. FROM CARTHAGE QUADRANGLE WEST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY TO KANSAS-MISSOURI STATE LINE (by George T. Hawkins in 1900, rerun by J. H. Wilson in 1916)
(Continued from Carthage quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 26 N., R. 33 W., N. cor. secs. 4 and 5, 550 ft. N. of R.R. at rd. crossing -----	37 11 13.4	94 32 41.4	
Crossing of Kansas City Southern Ry. -----	37 11 04.6	94 32 50.8	
Carl Junction, crossing of St. Louis-San Francisco Ry. (Joplin and Girard Branch) -----	37 10 43.3	94 33 51.9	
Smithfield, R.R. at sta. -----	37 10 07.4	94 36 10.7	
R.R. at Kansas-Missouri State line -----	37 09 58.4	94 37 04.6	

2. FROM SENECA QUADRANGLE AT SEC. 4, T. 26 N., R. 33 W., NORTHEAST INTO CARTHAGE QUADRANGLE AT SEC. 35, T. 27 N., R. 33 W. (by E. L. McNair in 1914)

Prim Trav Sta No 9 1906 1142 Crthg (In Seneca quadrangle; see line 1.) -----	36 59 51.64	94 33 05.42	.....
T. 27 N., R. 33 W., S. sixteenth cor. between secs. 34 and 35, stake -----	37 00 55.7	94 30 58.2	12,133
Shoal Creek, N. end of bridge over -----	37 01 14.6	94 30 44.5	2,204

(Continued in Carthage quadrangle; see line 3.)

3. FROM CARTHAGE QUADRANGLE AT SEC. 11, T. 29 N., R. 33 W., WEST TO KANSAS-MISSOURI STATE LINE (by J. H. Wilson in 1916)
(Continued from Carthage quadrangle; see line 5.)

T. 29 N., R. 33 W., cor. secs. 10, 11, 14, and 15, 15 ft. N. and 25 ft. E. from crossroads; iron post stamped "Prim Trav Sta No 12 1916 Mo" -----	37 14 38.04	94 30 25.62	(5,215)
T. 29 N., R. 33 W., cor. secs. 9, 10, 15, and 16, crossroads -----	37 14 40.0	94 31 31.4	5,320
T. 29 N., R. 33 W., cor. secs. 8, 9, 16, and 17, crossroads -----	37 14 42.0	94 32 37.4	5,340
T. 29 N., R. 33 W., cor. secs. 7, 8, 17, and 18, T-rd. S. -----	37 14 43.9	94 33 42.3	5,254
T. 29 N., R. 33 W., E. cor. secs. 7 and 18, T-rd. E., 195 ft. S. of T-rd. W. at E. cor. secs. 12 and 13, T. 29 N., R. 34 W. -----	37 14 44.6	94 34 39.0	4,586
Waco, crossroads at cor. secs. 11, 12, 13, and 14, T. 29 N., R. 34 W. -----	37 14 48.2	94 35 44.0	5,269
T. 29 N., R. 34 W., cor. secs. 10, 11, 14, and 15, rd. at fence S. -----	37 14 49.7	94 36 49.5	5,295
Waco, 1.2 mi. W. of, W. cor. secs. 10 and 15, T. 29 N., R. 34 W., on Kans.-Mo. State line, 20 ft. S. and 25 ft. E. from T-rd. E.; iron post stamped "Prim Trav Sta No 14 1916 Mo" ---	37 14 49.79	94 37 04.11	1,184

* Part of this quadrangle lies in Kansas.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet

4. FROM SEC. 11, T. 29 N., R. 33 W., SOUTH TO SEC. 34, T. 27 N., R. 33 W.
(by J. H. Wilson in 1916)

Prim Trav Sta No 12 1916 Mo (previously described) -----	37 14 38.04	94 30 25.62	.....
T. 29 N., R. 33 W., cor. secs. 14, 15, 22, and 23, crossroads -----	37 13 45.9	94 30 27.4	5,271
T. 29 N., R. 33 W., cor. secs. 22, 23, 26, and 27, crossroads -----	37 12 53.7	94 30 28.8	5,281
T. 29 N., R. 33 W., cor. secs. 26, 27, 34, and 35, crossroads -----	37 12 01.6	94 30 30.5	5,270
T. 29 N., R. 33 W., S. cor. secs. 34 and 35, T-rd. N., 75 ft. W. of T-rd. S. at N. cor. secs. 2 and 3, T. 28 N., R. 33 W. -----	37 11 09.5	94 30 32.0	5,265
T. 28 N., R. 33 W., cor. secs. 2, 3, 10, and 11, rd. at fence -----	37 10 17.8	94 30 33.6	5,232
Center Creek, N. end of bridge over -----	37 10 02.5	94 30 44.9	1,799
T. 28 N., R. 33 W., cor. secs. 10, 11, 14, and 15, junction of rd. E. -----	37 09 25.9	94 30 35.6	3,778
T. 28 N., R. 33 W., cor. secs. 14, 15, 22, and 23, crossroads -----	37 08 33.7	94 30 37.9	5,280
T. 28 N., R. 33 W., cor. secs. 22, 23, 26, and 27, 30 ft. S. and 20 ft. E. from crossroads; iron post stamped "Prim Trav Sta No 13 1916 Mo" -----	37 07 41.25	94 30 40.14	5,310
T-rd. W. -----	37 06 49.5	94 30 42.8	5,234
Joplin, intersection of Broadway and Main Street-Joplin, Missouri Pacific R.R. at Main Street crossing near sta. -----	37 05 26.2	94 30 46.9	8,435
Joplin, intersection of Twentieth and Main Streets -----	37 04 48.4	94 30 48.6	3,825
T. 27 N., R. 33 W., cor. secs. 14, 15, 22, and 23, crossroads on Jasper-Newton county line -----	37 04 10.3	94 30 50.1	3,860
T. 27 N., R. 33 W., cor. secs. 22, 23, 26, and 27, T-rd. W. -----	37 03 18.2	94 30 50.8	5,268
Shoal Creek, N. end of bridge over (previously described) -----	37 02 26.3	94 30 53.1	5,248
	37 01 14.6	94 30 44.5	7,290

5. FROM SEC. 11, T. 29 N., R. 33 W., NORTHEAST INTO CARTHAGE QUADRANGLE AT SEC. 11, T. 29 N., R. 33 W. (by J. W. Fothergill in 1934)

Prim Trav Sta No 12 1916 Mo (previously described) -----	37 14 38.04	94 30 25.62	.....
Center of culvert over small creek -----	37 14 49.3	94 30 10.8	1,657

(Continued in Jasper quadrangle; see line 6.)

6. FROM SENECA QUADRANGLE AT SEC. 2, T. 26 N., R. 34 W., EAST INTO SENECA QUADRANGLE AT SEC. 1, T. 26 N., R. 34 W. (by C. N. Ackerman in 1935)
(Continued from Seneca quadrangle; see line 5.)

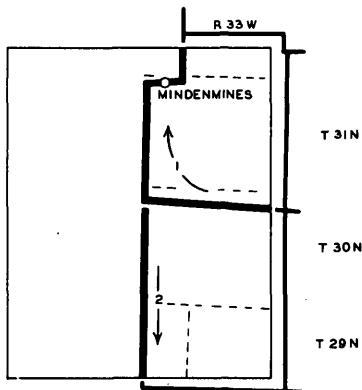
Spring City, 0.5 mi. N. and 4 mi. W. from, in SW 1/4 sec. 2, T. 26 N., R. 34 W., on Kans.-Mo. State line, 25 ft. N. and 30 ft. E. from T-rd. E., in concrete post; standard tablet stamped "1359 E R A 1935" -----	37 00 13.82	94 37 03.64	(1,804)
Rd. at fence S. -----	37 00 11.8	94 36 32.4	2,538
T-rd. N. at lane S. -----	37 00 10.6	94 36 16.3	1,311
T-rd. W. -----	37 00 10.8	94 35 44.1	2,615

(Continued in Seneca quadrangle; see line 5.)

Magnetic declination in 1906, 7° 30' E.

PITTSBURG QUADRANGLE *
(Latitude 37°15'-37°30'; longitude 94°30'-94°45')

Barton and Jasper Counties



1. FROM JASPER QUADRANGLE AT SEC. 6, T. 30 N., R. 32 W., WEST TO KANSAS-MISSOURI STATE LINE, THENCE NORTH ALONG STATE LINE TO SEC. 6, T. 31 N., R. 33 W., THENCE NORTHEAST INTO LIBERAL QUADRANGLE AT SEC. 29, T. 32 N., R. 33 W. (by G. H. Chapman in 1934)
(Continued from Jasper quadrangle; see line 3.)

Station	Latitude			Longitude			Distance Feet
	°	'	"	°	'	"	
Rd. at fences N. and S. -----	37	22	31.6	94	30	36.4	(3,107)
T-rd. S. -----	37	22	33.3	94	31	12.1	2,891
Rd. at fences N. and S. -----	37	22	34.3	94	31	42.5	2,459
T. 30 N., R. 33 W., cor. secs. 2, 3, 10, and 11, crossroads -----	37	22	35.3	94	32	15.6	2,670
Rd. at hedge fences N. and S. -----	37	22	36.4	94	32	48.7	2,679
T. 30 N., R. 33 W., cor. secs. 3, 4, 9, and 10, 41 ft. N. and 43 ft. W. from crossroads, in SE. corner of pasture, in concrete post; standard tablet stamped "522 C W A 1934" -----	37	22	37.91	94	33	22.43	2,724
Rd. at fences N. and S. -----	37	22	38.8	94	33	55.5	2,669
Crossroads -----	37	22	40.0	94	34	28.3	2,670
Rd. at fences N. and S. -----	37	22	41.1	94	35	01.9	2,700
T. 30 N., R. 33 W., cor. secs. 5, 6, 7, and 8, crossroads -----	37	22	42.1	94	35	35.4	2,700
Rd. at fences N. and S. -----	37	22	42.8	94	36	08.4	2,671
T. 30 N., R. 33 W., W. cor. secs. 6 and 7, on Kans.-Mo. State line, 49 ft. S. and 29 ft. E. from T-rd., in concrete post; standard tablet stamped "510 C W A 1934" -----	37	22	43.18	94	37	02.01	4,325
Rd. at fence E. -----	37	23	09.9	94	37	02.4	2,698
Tps. 30 and 31 N., R. 33 W., W. cor. secs. 6 and 31, T-rd. E. -----	37	23	30.2	94	37	02.4	2,060
Rd. at fence W. -----	37	24	00.2	94	37	02.3	3,030
T-rd. E. -----	37	24	21.7	94	37	02.0	2,180
Rd. at culvert -----	37	24	46.5	94	37	01.8	2,500
T. 31 N., R. 33 W., W. cor. secs. 19 and 30, on Kans.-Mo. State line, 45 ft. S. of rd. E., 32 ft. E. of N.-S. rd., in NW. corner of field, in concrete post; standard tablet stamped "529 C W A 1934" -----	37	25	13.74	94	37	01.17	2,759
Rd. at fence E. -----	37	25	40.4	94	37	01.3	2,700
T-rd. E. -----	37	26	06.3	94	37	01.1	2,620
Rd. at fence E. -----	37	26	32.7	94	37	01.4	2,670
T. 31 N., R. 33 W., W. cor. secs. 7 and 18, T-rd. E. -----	37	26	59.4	94	37	00.9	2,700
T-rd. W. -----	37	27	17.1	94	37	00.7	1,785
T. 31 N., R. 33 W., in sec. 6, on Kans.-Mo. State line, 237 ft. S. of Missouri Pacific R.R., 53 ft. N. of U.S. Highway 160, 33 ft. E. of N.-S. rd., in concrete post; standard tablet stamped "528 C W A 1934" -----	37	28	11.64	94	37	00.36	5,519
U.S. Highway 160 at fence S. -----	37	28	17.4	94	36	24.8	2,927
St. Louis-San Francisco Ry. at crossing of U.S. Highway 160 -----	37	28	17.3	94	35	52.6	2,590

* Part of this quadrangle lies in Kansas.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Mindenmines, street intersection in -----	37 28 26.6	94 35 24.1	2,485
Tps. 31 and 32 N., R. 33 W., approximate cor. -----			
secs. 5, 6, 31, and 32, T-rd. -----	37 28 39.3	94 35 27.5	1,312
T. 32 N., R. 33 W., cor. secs. 29, 30, 31, and -----			
32, crossroads -----	37 29 31.6	94 35 25.2	5,299
Rd. at culvert -----	37 29 55.1	94 35 24.2	2,379

(Continued in Liberal quadrangle; see line 2.)

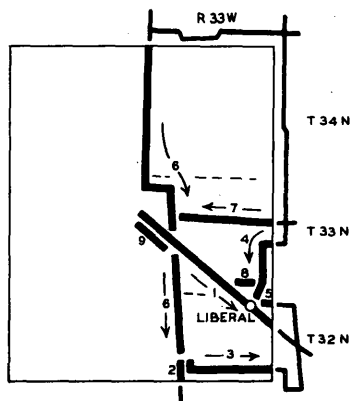
2. FROM SEC. 7, T. 30 N., R. 33 W., SOUTH INTO GALENA QUADRANGLE AT SEC. 11, T. 29 N., R. 34 W. (by G. H. Chapman in 1934)

510 C W A 1934 (previously described) -----	37 22 43.18	94 37 02.01	.....
Rd. at fences E. and W. -----	37 22 17.4	94 37 02.5	2,609
T. 30 N., R. 33 W., W. cor. secs. 7 and 18, -----			
T-rd. E. -----	37 21 51.2	94 37 02.6	2,650
T-rd. W. -----	37 21 10.2	94 37 02.7	4,150
T-rd. E. -----	37 20 58.8	94 37 02.8	1,150
T-rd. -----	37 20 32.6	94 37 02.9	2,650
T. 30 N., R. 33 W., in NW 1/4 sec. 30, on -----			
Kans.-Mo. State line, 380 ft. S. and 35 ft. E. -----			
from T-rd. E., 140 ft. W. of State Highway 57, -----			
60 ft. W. of St. Louis-San Francisco Ry. track, -----			
in concrete post; standard tablet stamped -----			
"523 C W A 1934" -----	37 20 02.04	94 37 02.75	3,090
Rd. at fence E. -----	37 19 40.4	94 37 03.3	2,188
T-rd. E. -----	37 19 14.1	94 37 03.5	2,660
Rd. at fence E. -----	37 18 48.8	94 37 03.7	2,560
Tps. 29 and 30 N., Rs. 33 and 34 W., W. cor. -----			
secs. 3 and 31, T-rd. E. -----	37 18 22.6	94 37 03.7	2,650
Rd. at fence E. -----	37 17 54.7	94 37 03.8	2,820
T. 29 N., R. 34 W., about 1 mi. S. of NW. cor. -----			
sec. 3, on Kans.-Mo. State line, 43 ft. S. and -----			
40 ft. E. from T-rd. E., in concrete post; -----			
standard tablet stamped "524 C W A 1934" -----			
Rd. at fence E. -----	37 17 26.51	94 37 03.51	2,854
T-rd. E. -----	37 17 00.7	94 37 04.0	2,609
Rd. at fence W. -----	37 16 34.6	94 37 04.1	2,640
T-rd. E. -----	37 16 10.7	94 37 04.2	2,420
Rd. at fence E. -----	37 15 52.2	94 37 04.3	1,870
Rd. at fence E. -----	37 15 16.2	94 37 04.2	3,640
Prim Trav Sta No 14, 1916 Mo (In Galena quad- -----			
rangle; see line 3.) -----	37 14 49.79	94 37 04.11	2,672

Magnetic declination 8° 19' E.

LIBERAL QUADRANGLE *
(Latitude 37°30'-37°45'; longitude 94°30'-94°45')

Barton and Vernon Counties



1. FROM KANSAS STATE LINE SOUTHEAST ALONG ST. LOUIS-SAN FRANCISCO RAILWAY INTO SHELTON QUADRANGLE (by George T. Hawkins in 1900)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Last Chance, R.R. at sta. -----	37 36 15.1	94 35 28.5	

* Part of this quadrangle lies in Kansas.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Tps. 32 and 33 N., R. 33 W., approximate cor.	37 33 53.4	94 31 58.0	
secs. 2, 3, 34, and 35 -----	37 33 34.5	94 31 26.3	
Liberal, crossing of Missouri Pacific R.R. -----	37 33 25.4	94 31 12.7	
Liberal, R.R. at sta. -----			

(Continued in Sheldon quadrangle; see line 1.)

2. FROM PITTSBURG QUADRANGLE AT SEC. 29, T. 32 N., R. 33 W., NORTH TO
SEC. 17, T. 32 N., R. 33 W. (by G. H. Chapman in 1934)
(Continued from Pittsburg quadrangle; see line 1.)

Crossroads -----	37 30 23.8	94 35 23.0	(2,900)
Rd. at fences E. and W. -----	37 30 49.0	94 35 22.1	2,550
Fairview School, cor. secs. 17, 18, 19, and 20, T. 32 N., R. 33 W., 21 ft. E. of NE. corner of schoolhouse, 72 ft. S. and 29 ft. W. from crossroads, in concrete post; standard tablet stamped "239 C W A 1934" -----	37 31 15.26	94 35 21.61	2,659

3. FROM SEC. 17, T. 32 N., R. 33 W., EAST INTO SHELTON QUADRANGLE AT SEC. 24,
T. 32 N., R. 33 W. (by J. W. Fothergill in 1934)

239 C W A 1934 (previously described) -----	37 31 15.26	94 35 21.61	.....
T-rd. W. -----	37 30 58.4	94 35 21.8	1,706
Crossroads (previously described) -----	37 30 23.8	94 35 23.1	3,500
Rd. at fence N. -----	37 30 23.6	94 34 50.3	2,847
T-rd. N. -----	37 30 23.4	94 34 17.4	2,650
T. 32 N., R. 33 W., cor. secs. 21, 22, 27, and 28, crossroads -----	37 30 22.5	94 33 11.5	5,311
T. 32 N., R. 33 W., cor. secs. 22, 23, 26, and 27, 31 ft. N. and 25 ft. W. from T-rd. N., in concrete post; standard tablet stamped "1203 C W A 1934" -----	37 30 22.28	94 32 05.76	5,295
Crossroads -----	37 30 21.1	94 31 00.2	5,260
Rd. at fences N. and S. -----	37 30 21.0	94 30 27.7	2,620

(Continued in Sheldon quadrangle; see line 6.)

4. FROM SHELTON QUADRANGLE AT SEC. 13, T. 33 N., R. 33 W., SOUTH TO
LIBERAL (by J. P. Anderson in 1934)
(Continued from Sheldon quadrangle; see line 4.)

Rd. at fence S. -----	37 36 28.3	94 30 12.7	(2,726)
Missouri Pacific R.R. at rd. crossing -----	37 36 28.9	94 30 41.8	2,340
T. 33 N., R. 33 W., quarter cor. between secs. 23 and 24 -----	37 36 02.9	94 30 46.6	2,658
T. 33 N., R. 33 W., cor. secs. 23, 24, 25, and 26, 26 ft. N. and 20 ft. E. from crossroads, 2 ft. N. and 2 ft. E. from fence corner, in concrete post; standard tablet stamped "216 C W A 1934" -----	37 35 36.99	94 30 47.10	2,621
Rd. at fence W. -----	37 34 44.3	94 30 49.0	5,326
County Route K at rd. N., 42 ft. W. of County Route K at rd. S. -----	37 33 52.2	94 30 50.8	5,280
Liberal, near SE. corner of high school, 27 ft. N. and 3 ft. W. from inside corner of sidewalk, in concrete post; standard tablet stamped "220 C W A 1934" -----	37 33 29.73	94 30 51.67	2,270

5. FROM LIBERAL EAST INTO SHELTON QUADRANGLE AT SEC. 1, T. 32 N., R. 33 W.
(by J. W. Fothergill in 1934)

220 C W A 1934 (previously described) -----	37 33 29.73	94 30 51.67	.....
T-rd. E. -----	37 33 15.4	94 30 51.3	1,447
T-rd. W. -----	37 33 15.2	94 30 19.5	2,557
Rd. corner -----	37 32 58.1	94 30 20.0	1,735

(Continued in Sheldon quadrangle; see line 5.)

* 6. FROM FORT SCOTT NO. 1 QUADRANGLE AT SEC. 6, T. 34 N., R. 33 W., SOUTH
TO SEC. 17, T. 32 N., R. 33 W. (by W. A. Wheeler in 1934)
(Continued from Fort Scott No. 1 quadrangle; see line 3.)

Rd. at fence E. -----	37 44 53.5	94 37 03.0	(2,593)
T-rd. E. -----	37 44 27.5	94 37 03.1	2,635
T-rd. W. -----	37 43 51.9	94 37 03.3	3,595
T-rd. E. -----	37 43 35.0	94 37 03.5	1,715
Rd. at fence E. -----	37 43 08.3	94 37 03.6	2,700
T. 34 N., R. 33 W., W. cor. secs. 7 and 18, on Kans.-Mo. State line, 41 ft. S. and 23 ft. E. from T-rd. E., in concrete post; standard tablet stamped "310 C W A 1934" -----	37 42 41.58	94 37 03.29	2,703

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T-rd. W. -----	37 42 07.1	94 37 03.6	3,492
T-rd. E. -----	37 41 48.8	94 37 03.5	1,843
West Fork of Big Dry Wood Creek, center of bridge over -----	37 41 09.1	94 37 03.8	4,019
T-rd. E. -----	37 40 55.7	94 37 03.8	1,353
T-rd. W. -----	37 40 23.0	94 37 03.2	3,314
T. 34 N., R. 33 W., W. cor. secs. 30 and 31, on Kans.-Mo. State line, 0.3 mi. S. of T-rd. E., 17 ft. E. of rd., in concrete post; standard tablet stamped "226 C W A 1934" -----	37 39 51.12	94 37 02.97	3,223
T-rd. E. on Barton-Vernon county line -----	37 39 12.7	94 37 02.9	3,890
T-rd. W. at N. edge of Arcadia, Kans. -----	37 38 38.1	94 37 02.6	3,500
T. 33 N., R. 33 W., W. cor. secs. 6 and 7, T-rd. E. -----	37 38 22.6	94 37 02.5	1,565
Oskaloosa, 0.2 mi. N. of Kansas City Southern Ry. sta., about 1.3 mi. E. of W. cor. secs. 6 and 7, T. 33 N., R. 33 W., 40 ft. W. of track, 25 ft. N. of rd., in concrete post; standard tablet stamped "225 C W A 1934" -----	37 38 21.73	94 35 35.76	6,978
Rd. corner from W.-S. -----	37 38 05.6	94 35 08.4	2,740
T. 33 N., R. 33 W., cor. secs. 7, 8, 17, and 18, crossroads -----	37 37 28.8	94 35 09.3	3,727
T-rd. N. -----	37 37 03.0	94 35 09.8	2,610
Crossroads -----	37 36 36.4	94 35 10.5	2,695
T. 33 N., R. 33 W., near quarter cor. between secs. 19 and 20, on St. Louis-San Francisco Ry., 56 ft. S. and 23 ft. E. from N.-S. rd. crossing, in concrete post; standard tablet stamped "237 C W A 1934" -----	37 36 07.27	94 35 10.98	2,947
Crossroads -----	37 35 44.2	94 35 11.8	2,340
T. 33 N., R. 33 W., cor. secs. 29, 30, 31, and 32, crossroads -----	37 34 51.6	94 35 13.1	5,300
Rd. at fences E. and W. -----	37 34 25.4	94 35 13.7	2,651
Coal Valley School, in NE. cor. sec. 6, T. 32 N., R. 33 W., 12 ft. N. and 8 ft. E. from NE. corner of schoolhouse, in concrete post; stan- dard tablet stamped "238 C W A 1934" -----	37 33 58.84	94 35 14.70	2,687
Rd. at fence W. -----	37 33 26.6	94 35 15.7	3,265
T. 32 N., R. 33 W., cor. secs. 7, 8, 17, and 18, crossroads -----	37 33 00.6	94 35 16.8	2,635
Rd. at fences E. and W. -----	37 32 34.3	94 35 17.9	2,660
Crossroads -----	37 32 08.1	94 35 19.0	2,645
Rd. at fence W. -----	37 31 42.0	94 35 20.1	2,643
239 C W A 1934 (previously described) -----	37 31 15.26	94 35 21.61	2,712

7. FROM SHELTON QUADRANGLE AT SEC. 12; T. 33 N., R. 33 W., WEST TO SEC. 8,
T. 33 N., R. 33 W. (by J. P. Anderson in 1934)
(Continued from Sheldon quadrangle; see line 3.)

Rd. at fences N. and S. -----	37 37 20.8	94 30 10.9	(2,630)
T. 33 N., R. 33 W., cor. secs. 11, 12, 13, and 14, crossroads -----	37 37 21.6	94 30 43.7	2,639
Crossroads -----	37 37 23.7	94 31 49.6	5,301
T. 33 N., R. 33 W., cor. secs. 9, 10, 15, and 16, crossroads -----	37 37 25.1	94 32 55.9	5,340
T. 33 N., R. 33 W., quarter cor. between secs. 9 and 16, 20 ft. N. of T-rd. S., in concrete post; standard tablet stamped "217 C W A 1934" -----	37 37 26.32	94 33 29.37	2,694
T. 33 N., R. 33 W., cor. secs. 8, 9, 16, and 17, crossroads -----	37 37 27.0	94 34 02.9	2,698
Crossroads (previously described) -----	37 37 28.8	94 35 09.3	5,341

8. AT LIBERAL (by J. W. Fothergill in 1934)

220 C W A 1934 (previously described) -----	37 33 29.73	94 30 51.67	.....
Street at culvert -----	37 33 25.2	94 31 08.4	1,427
St. Louis-San Francisco Ry. semaphore tower at sta. -----	37 33 25.6	94 31 12.8	350
R.R. crossing (previously described) -----	37 33 34.5	94 31 26.3	1,413

9. FROM SEC. 20, T. 33 N., R. 33 W., NORTHWEST ALONG ST. LOUIS-SAN FRANCISCO
RAILWAY TO SEC. 7, T. 33 N., R. 33 W. (single-run unchecked spur line •
by J. W. Fothergill in 1934)

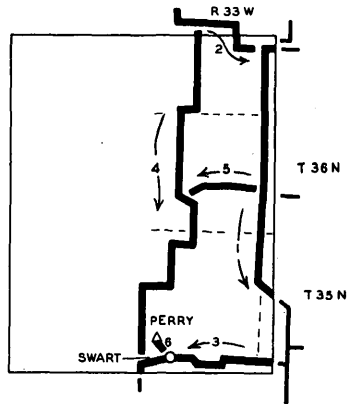
237 C W A 1934 (previously described) -----	37 36 07.27	94 35 10.98	.....
R.R. at sign marked "Last Chance" -----	37 36 15.1	94 35 28.5	1,617
Crossing of Kansas City Southern Ry. -----	37 36 28.7	94 36 00.9	2,980
R.R. at rd. crossing on line between secs. 18 and 19, T. 33 N., R. 33 W. -----	37 36 37.6	94 36 16.9	1,573
R.R. at rd. crossing -----	37 36 43.8	94 36 24.1	852
R.R. at rd. crossing -----	37 37 15.4	94 36 52.0	3,903
R.R. at rd. crossing -----	37 37 30.8	94 36 57.6	1,620
R.R. at Kans.-Mo. State line -----	37 37 42.1	94 37 01.4	1,188

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 33 N., R. 33 W., on W. line sec. 7, on Kans.-Mo. State line, 47 ft. E. of St. Louis-San Francisco Ry. track, 53 ft. N. and 27 ft. E. from sign marked "Konantz", in concrete post; standard tablet stamped "1201 C W A 1934"-----	37 37 43.88	94 37 01.44	181

Magnetic declination 8° 28' E.

FORT SCOTT NO. 1 QUADRANGLE *
(Latitude 37°45' - 38°00'; longitude 94°30' - 94°45')

Vernon County



1. FROM NEVADA QUADRANGLE AT SEC. 18, T. 37 N., R. 32 W., SOUTH INTO NEVADA QUADRANGLE AT SEC. 18, T. 35 N., R. 32 W. (by W. R. Broadus in 1933)

(Continued from Nevada quadrangle; see line 5.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 37 N., R. 33 W., E. cor. secs. 12 and 13, 53 ft. N. and 24 ft. W. from T-rd. W., 17 ft. N. and 24 ft. W. from T-rd. E. at W. cor. secs. 7 and 18, T. 37 N., R. 32 W., in concrete post; standard tablet stamped "T 30 B 1933 823"-----	37 59 58.82	94 30 07.35	(5,213)
T. 37 N., R. 32 W., W. cor. secs. 18 and 19, stone-----	37 59 06.4	94 30 09.6	5,300
T. 37 N., R. 33 W., E. cor. secs. 24 and 25, rd. corner from S.-W.-----	37 58 14.4	94 30 12.0	5,271
T. 37 N., Rs. 32 and 33 W., cor. secs. 25, 30, 31, and 36, 37 ft. S. and 24 ft. W. from crossroads, in concrete post; standard tablet stamped "T T 31 B 1933 786"-----	37 57 21.91	94 30 14.72	5,308
Missouri Pacific R.R. at rd. crossing-----	37 57 05.2	94 30 15.2	1,692
Tps. 36 and 37 N., Rs. 32 and 33 W., cor. of, crossroads-----	37 56 29.9	94 30 16.8	3,572
T. 36 N., Rs. 32 and 33 W., approximate cor. secs. 1, 6, 7, and 12, crossroads-----	37 55 38.0	94 30 19.2	5,256
T. 36 N., Rs. 32 and 33 W., cor. secs. 7, 12, 13, and 18, 35 ft. S. and 30 ft. W. from crossroads, in concrete post; standard tablet stamped "T T 32 B 1933 812"-----	37 54 45.50	94 30 22.22	5,309
T. 36 N., Rs. 32 and 33 W., approximate cor. secs. 13, 18, 19, and 24, crossroads-----	37 53 53.6	94 30 24.5	5,250
T. 36 N., Rs. 32 and 33 W., cor. secs. 19, 24, 25, and 30, 20 ft. N. and 128 ft. E. from crossroad, in concrete post; standard tablet stamped "T T 33 B 1933 785"-----	37 53 01.63	94 30 25.74	5,260
T. 36 N., Rs. 32 and 33 W., approximate cor. secs. 25, 30, 31, and 36, crossroads-----	37 52 09.1	94 30 30.3	5,328
T. 36 N., Rs. 32 and 33 W., approximate S. sixteenth cor. between secs. 31 and 36, T-rd. W. - Marmaton River, center of bridge over-----	37 51 30.1	94 30 32.5	3,950
	37 50 45.1	94 30 34.9	4,549

* Part of this quadrangle lies in Kansas.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Deerfield, in NW. part of, 45 ft. S. and 45 ft. W. from U.S. Highway 54 at crossroad, opposite church, in NE. part of schoolyard, 6 ft. NW. of sidewalk, in concrete post; standard tablet stamped "T T 38 B 1933 792" -----	37 50 18.14	94 30 37.15	2,734
Deerfield, Missouri-Kansas-Texas R.R. at rd. crossing about 300 ft. W. of sta. -----	37 50 14.6	94 30 21.4	1,316
Rd. corner -----	37 49 34.9	94 30 22.9	4,012
T-rd. E. at W. cor. secs. 7 and 18, T. 35 N., R. 32 W. -----	37 49 35.4	94 30 39.0	1,289
Big Dry Wood Creek, center of bridge over -----	37 49 14.2	94 30 40.3	2,157
T. 35 N., Rs. 32 and 33 W., approximate cor. secs. 13, 18, 19, and 24, T-rd. E. -----	37 48 43.6	94 30 42.0	3,097

(Continued in Nevada quadrangle; see line 2.)

2. FROM SEC. 6, T. 37 N., R. 33 W., EAST AND SOUTH TO SEC. 13, T. 37 N., R. 33 W., INCLUDING THAT PART OF THE LINE IN HUME QUADRANGLE (by W. V. Kennedy in 1934)

T. 37 N., R. 33 W., W. cor. secs. 6 and 7, on Kans.-Mo. State line, 22 ft. N. and 28 ft. E. from T-rd. E., 3 ft. N. and 4 ft. E. from fence corner, in concrete post; standard tablet stamped "304 C W A 1934 834" -----	38 01 00.42	94 36 49.34	.....
Rd. at fence N. -----	38 00 59.3	94 36 13.1	2,900
T. 37 N., R. 33 W., cor. secs. 5, 6, 7, and 8, T-rd. S. at fence N. -----	38 00 58.6	94 35 35.8	2,990
Amos, main track of Kansas City Southern Ry. at rd. crossing -----	38 00 57.9	94 34 58.1	3,015
T-rd. W. -----	38 00 57.1	94 34 21.7	2,920
T. 37 N., R. 33 W., in NW 1/4 sec. 9, 27 ft. S. and 22 ft. E. from T-rd. S., 2 ft. S. and 2 ft. E. from fence corner, in concrete post; standard tablet stamped "289 C W A 1934 848" -----	38 00 43.88	94 34 12.61	1,520
T. 37 N., R. 33 W., center sec. 10, T-rd. E. -----	38 00 29.3	94 32 51.8	6,650
T. 37 N., R. 33 W., quarter cor. between secs. 10 and 11, rd. at fences N. and S. -----	38 00 28.4	94 32 18.6	2,660
Wolf School, 0.2 mi. E. of, center sec. 11, T. 37 N., R. 33 W., 34 ft. N. and 16 ft. W. from crossroads, in corner of field, in concrete post; standard tablet stamped "312 C W A 1934 817" -----	38 00 28.01	94 31 45.72	2,630
T. 37 N., R. 33 W., quarter cor. between secs. 11 and 12, rd. corner from W.-S. -----	38 00 26.9	94 31 12.5	2,660
T. 37 N., R. 33 W., cor. secs. 11, 12, 13, and 14, T-rd. E. -----	38 00 00.7	94 31 13.5	2,650
T. 37 N., R. 33 W., quarter cor. between secs. 12 and 13, T-rd. N. -----	37 59 59.5	94 30 40.7	2,630
T T 30 B 1933 823 (previously described) -----	37 59 58.82	94 30 07.35	2,670

3. FROM NEVADA QUADRANGLE AT SEC. 6, T. 34 N., R. 32 W., WEST TO KANSAS-MISSOURI STATE LINE, THENCE SOUTH INTO LIBERAL QUADRANGLE AT SEC. 6, T. 34 N., R. 33 W. (by W. A. Wheeler in 1934)

(Continued from Nevada quadrangle; see line 10.)

Crossroads -----	37 45 13.0	94 30 30.8	(2,701)
Rd. at fences N. and S. -----	37 45 13.5	94 31 03.5	2,630
Crossroads -----	37 45 14.0	94 31 36.4	2,645
T. 34 N., R. 33 W., about 1 mi. S. and 0.3 mi. W. from NE. cor. sec. 3, 240 ft. E. of bridge over Dry Wood Creek, 35 ft. S. of rd., in concrete post; standard tablet stamped "306 C W A 1934" -----	37 45 13.96	94 31 59.01	1,812
Rd. E. at abandoned rd. N. -----	37 45 15.2	94 32 42.2	3,468
Rd. corner from N.-W. -----	37 45 00.8	94 32 59.3	2,002
Crossroads on line between secs. 4 and 5, T. 34 N., R. 33 W. -----	37 45 03.8	94 33 49.0	4,001
Crossroads -----	37 45 04.1	94 34 22.0	2,649
Swart, in sec. 5, T. 34 N., R. 33 W., 358 ft. N. of N. face of Kansas City Southern Ry. sta., 47 ft. E. of main track, in concrete post; standard tablet stamped "303 C W A 1934" -----	37 45 04.15	94 35 01.47	3,171
T-rd. W. -----	37 45 18.2	94 35 27.7	2,541
Rd. at fences N. and S. -----	37 45 18.8	94 36 00.6	2,639
Rd. at fence N. -----	37 45 19.5	94 36 33.7	2,660
T. 34 N., R. 33 W., about 1 mi. S. of NW. cor. sec. 6, on Kans.-Mo. State line, 48 ft. S. and 26 ft. E. from T-rd. E., in concrete post; standard tablet stamped "408 C W A 1934" -----	37 45 19.17	94 37 02.62	2,322

(Continued in Liberal quadrangle; see line 6.)

Station	Latitude		Longitude		Distance Feet
	°	' "	°	' "	
4. FROM AMOS SOUTH TO SEC. 18, T. 35 N., R. 33 W., THENCE SOUTH ALONG KANSAS-MISSOURI STATE LINE TO SEC. 6, T. 34 N., R. 33 W., INCLUDING THAT PART OF THE LINE IN HUME QUADRANGLE (by W. V. Kennedy in 1934)					
Rd. crossing (previously described) -----	38	00 57.9	94	34 58.1	.....
Kansas City Southern Ry. at fence E. -----	38	00 31.7	94	34 53.4	2,674
Kansas City Southern Ry. at rd. crossing -----	38	00 06.3	94	34 39.7	2,799
Kansas City Southern Ry. at rd. crossing -----	37	59 53.0	94	34 32.6	1,460
Little Osage River, center of Kansas City Southern Ry. bridge over -----	37	59 12.7	94	34 10.8	4,430
Kansas City Southern Ry. at rd. crossing -----	37	58 46.4	94	33 56.7	2,890
Stotesbury, in SE 1/4 sec. 21, T. 37 N., R. 33 W., 110 ft. N. and 24 ft. W. from Kansas City Southern Ry. sta., 4 ft. N. and 13 ft. E. from milepost K C-89, in concrete post; standard tablet stamped "442 C W A 1934" -----	37	58 29.00	94	33 46.97	1,926
Crossroads -----	37	58 20.1	94	33 46.6	904
T. 37 N., R. 33 W., cor. secs. 20, 21, 28, and 29, crossroads -----	37	58 21.2	94	34 36.1	3,963
T-rd. E., 50 ft. S. of T-rd. W. -----	37	57 28.9	94	34 38.0	5,289
Rd. at fences E. and W. -----	37	57 02.7	94	34 38.9	2,650
T. 36 N., R. 33 W., N. cor. secs. 4 and 5, 28 ft. S. and 105 ft. E. from T-rd. S., 28 ft. S. and 7 ft. E. from T-rd. N. at S. cor. secs. 32 and 33, T. 37 N., R. 33 W., 3 ft. S. of fence, in concrete post; standard tablet stamped "208 C W A 1934" -----	37	56 36.31	94	34 39.85	2,670
T. 37 N., R. 33 W., S. quarter cor. sec. 32, rd. at fence N., 110 ft. E. of rd. at fence S. at N. quarter cor. sec. 5, T. 36 N., R. 33 W. -----	37	56 37.2	94	35 12.9	2,649
Rd. at fence E. -----	37	56 27.3	94	35 47.4	2,941
T-rd. W. -----	37	56 01.2	94	35 48.5	2,642
T. 36 N., R. 33 W., cor. secs. 5, 6, 7, and 8, rd. at stone wall W., 20 ft. S. of T-rd. E. -----	37	55 48.0	94	35 49.2	1,340
Rd. at fence W. -----	37	55 09.2	94	35 51.1	3,920
Border School, cor. secs. 7, 8, 17, and 18, T. 36 N., R. 33 W., 48 ft. N. and 26 ft. E. from NE corner of schoolhouse, 47 ft. S. and 27 ft. W. from crossroads, in concrete post; standard tablet stamped "230 C W A 1934" -----	37	54 55.38	94	35 52.22	1,406
Rd. at fence W. -----	37	54 29.6	94	35 53.2	2,609
T. 36 N., R. 33 W., cor. secs. 17, 18, 19, and 20, crossroads -----	37	54 03.4	94	35 54.7	2,651
Rd. at fences E. and W. -----	37	53 37.3	94	35 55.9	2,640
Crossroads -----	37	53 11.2	94	35 57.2	2,641
T. 36 N., R. 33 W., quarter cor. between secs. 29 and 30, 28 ft. N. and 25 ft. E. from T-rd. E., 630 ft. S. of Missouri Pacific R.R. at rd. crossing, 3 ft. N. and 3 ft. E. from fence corner, in concrete post; standard tablet stamped "214 C W A 1934" -----	37	52 45.33	94	35 58.20	2,623
T-rd. E. -----	37	52 39.1	94	35 16.8	3,382
T-rd. W. -----	37	52 38.0	94	34 53.2	1,890
Marmaton River, center of bridge over -----	37	51 51.6	94	34 55.4	4,704
T. 36 N., R. 33 W., S. cor. secs. 32 and 33, rd. N. from crossroads, 36 ft. W. of rd. S. from crossroads at N. cor. secs. 4 and 5, T. 35 N., R. 33 W. -----	37	51 25.2	94	34 57.1	2,668
T-rd. E. -----	37	51 02.5	94	34 57.8	2,300
Eve, 0.2 mi. N. of, on U.S. Highway 54, near cor. secs. 4, 5, 8, and 9, T. 35 N., R. 33 W., 79 ft. S. and 32 ft. W. from N-S. crossroad, 4 ft. N. and 5 ft. W. from telephone pole, in concrete post; standard tablet stamped "227 C W A 1934" -----	37	50 35.40	94	34 59.71	2,744
U.S. Highway 54 at fences N. and S. -----	37	50 37.5	94	35 48.6	2,931
T. 35 N., R. 33 W., cor. secs. 5, 6, 7, and 8, U.S. Highway 54 at rd. S. -----	37	50 38.0	94	36 05.0	1,310
Rd. at fence E. -----	37	49 58.8	94	36 07.2	3,970
T. 35 N., R. 33 W., cor. secs. 7, 8, 17, and 18, crossroads -----	37	49 45.8	94	36 08.0	1,310
Rd. at fences E. and W. -----	37	49 19.6	94	36 09.5	2,651
T. 35 N., R. 33 W., cor. secs. 17, 18, 19, and 20, 30 ft. S. and 30 ft. W. from crossroads, 4 ft. W. of hedge fence, in concrete post; standard tablet stamped "218 C W A 1934" -----	37	48 53.41	94	36 11.04	2,655
Rd. at fences N. and S. -----	37	48 54.6	94	36 43.6	2,619
T. 35 N., R. 33 W., W. cor. secs. 18 and 19, T-rd. E. at Kans.-Mo. State line -----	37	48 55.3	94	37 00.3	1,341
Rd. at fence E. -----	37	48 29.1	94	37 00.7	2,650
T-rd. E. -----	37	48 03.0	94	37 01.1	2,640
Rd. at fence E. -----	37	47 37.1	94	37 01.6	2,620
T. 35 N., R. 33 W., W. cor. secs. 30 and 31, on Kans.-Mo. State line, 65 ft. N. and 25 ft. E. from T-rd. E., 2 ft. SW. of fence, in concrete post; standard tablet stamped "313 C W A 1934" -----	37	47 11.66	94	37 01.67	2,568

Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	
T-rd. W. -----	37	46	32.9	94	37	02.8	3,918
Rd. at fence E. -----	37	45	59.3	94	37	02.7	3,400
T-rd. W. -----	37	45	40.2	94	37	02.7	1,930
408 C W A 1934 (previously described) -----	37	45	19.17	94	37	02.62	2,131

5. FROM SEC. 19, T. 36 N., R. 32 W., WEST TO SEC. 30, T. 36 N., R. 33 W.
(by C. E. Wyrick in 1934)

T T 33 B 1933 785 (previously described) -----	37	53	01.63	94	30	25.74	.....
Rd. at fences N. and S. -----	37	53	02.6	94	31	00.4	2,780
Crossroads -----	37	53	03.6	94	31	33.2	2,630
Rd. at fences N. and S. -----	37	53	04.6	94	32	06.2	2,650
T. 36 N., R. 33 W., cor. secs. 22, 23, 26, and 27, crossroads -----	37	53	05.7	94	32	39.5	2,670
T-rd. N. -----	37	53	06.7	94	33	12.8	2,670
Richards, 1.5 mi. S. of, cor. secs. 21, 22, 27, and 28, T. 36 N., R. 33 W., 655 ft. E. of crossroads, 33 ft. N. and 48 ft. E. from Kansas City Southern Ry. at rd. crossing, 6 ft. N. of fence corner, in concrete post; standard tablet stamped "T T 1150 W 1934" -----	37	53	07.70	94	33	37.31	1,967
Center of bridge -----	37	53	08.6	94	34	19.3	3,366
T. 36 N., R. 33 W., cor. secs. 20, 21, 28, and 29, crossroads -----	37	53	09.4	94	34	51.6	2,589
T-rd. S. -----	37	53	10.0	94	35	14.8	1,860
214 C W A 1934 (previously described) -----	37	52	45.33	94	35	58.20	4,285

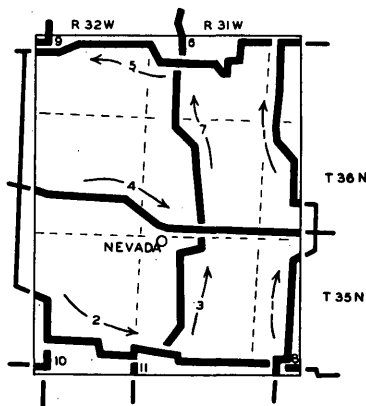
6. FROM SEC. 6, T. 34 N., R. 33 W., SOUTHEAST TO SWART (by T. A. Magee
in 1935)

Perry triangulation sta.; U.S.C. & G.S. standard disk stamped "Perry" -----	37	46	15.87	94	35	33.28	.....
T-rd. W. -----	37	45	18.2	94	35	27.7	5,852
303 C W A 1934 (previously described) -----	37	45	04.15	94	35	01.47	2,542

Magnetic declination 8° 02' E.

NEVADA QUADRANGLE
(Latitude 37°45'-38°00'; longitude 94°15'-94°30')

Vernon County



1. FROM SHELTON QUADRANGLE AT SEC. 6, T. 34 N., R. 30 W., NORTH AND EAST
INTO WALKER QUADRANGLE AT SEC. 17, T. 37 N., R. 30 W. (by W. R. Broadus
in 1933)
(Continued from Sheldon quadrangle; see line 2.)

Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	
Rd. at fence -----	37	45	21.1	94	16	11.3	(2,688)
T. 34 N., Rs. 30 and 31 W., N. cor. secs. 1 and 6, T-rd. S. -----	37	45	40.7	94	16	10.6	1,984
T. 35 N., R. 30 W., S. cor. secs. 32 and 33, 3 mi. E. of U.S. Highway 71, 30 ft. N. and 80 ft. W. from junction of rd. N., in concrete post; standard tablet stamped "T T 7 B 1933 894" -----	37	45	39.85	94	15	26.40	3,549

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at fence -----	37 46 05.5	94 15 24.5	2,599
T. 35 N., R. 30 W., cor. secs. 28, 29, 32, and 33, crossroads -----	37 46 31.7	94 15 23.4	2,652
T. 35 N., R. 30 W., cor. secs. 20, 21, 28, and 29, crossroads -----	37 47 24.0	94 15 21.4	2,296
Rd. at fence -----	37 47 50.0	94 15 20.5	2,626
T. 35 N., R. 30 W., cor. secs. 16, 17, 20, and 21, 85 ft. S. and 20 ft. W. from crossroads, in concrete post; standard tablet stamped "T T 8 B 1933 873" -----	37 48 15.37 37 48 42.3	94 15 19.74 94 15 18.6	2,567 2,724
Rd. at fence W. -----			
T. 35 N., R. 30 W., cor. secs. 8, 9, 16, and 17, crossroads -----	37 49 08.4 37 49 35.5	94 15 17.6 94 15 16.4	2,645 2,739
Little Clear Creek, center of bridge over -----			
T. 35 N., R. 30 W., cor. secs. 4, 5, 8, and 9, rd. at fence W. -----	37 50 01.0 37 50 14.0	94 15 15.5 94 15 14.3	2,581 1,322
T-rd. E. -----			
T. 35 N., R. 30 W., S. sixteenth cor. between secs. 4 and 5, 78 ft. N. and 24 ft. W. from T-rd. E., in yard of Stanton School, in con- crete post; standard tablet stamped "T T 9 B 1933 856" -----	37 50 14.80	94 15 14.53	81
T. 35 N., R. 30 W., quarter cor. between secs. 4 and 5, T-rd. W. -----	37 50 27.1	94 15 13.0	1,247
T. 35 N., R. 30 W., N. cor. secs. 4 and 5, rd. corner from S.-E. -----	37 50 52.0	94 15 10.6	2,529
T. 36 N., R. 30 W., S. cor. secs. 32 and 33, junction of private rd. N. -----	37 50 53.1	94 15 09.4	147

(For balance in Walker quadrangle, see line 1.)

T. 36 N., R. 30 W., cor. secs. 20, 21, 28, and 29, 20 ft. N. and 106 ft. W. from T-rd. N., 2 ft. N. and 84 ft. W. from fence corner, in concrete post; standard tablet stamped "T T 11 B 1933 844" -----	37 52 38.01 37 53 19.0	94 15 05.47 94 15 02.2	(5,341) 4,149
Missouri-Kansas-Texas R.R. at rd. crossing -----			
T. 36 N., R. 30 W., cor. secs. 16, 17, 20, and 21, crossroads -----	37 53 30.3	94 15 01.7	1,144
T. 36 N., R. 30 W., quarter cor. between secs. 16 and 17, crossroads -----	37 53 56.3 37 54 42.1	94 15 00.4 94 15 19.5	2,638 4,876
Rd. at triangular-blazed locust tree -----			
T. 36 N., R. 30 W., near N. sixteenth cor. be- tween secs. 7 and 8, 88 ft. N. and 18 ft. E. from T-rd. N., in concrete post; standard tab- let stamped "T T 12 B 1933 805" -----	37 55 04.75	94 16 02.15	4,113
T. 36 N., R. 30 W., cor. secs. 5, 6, 7, and 8, rd. at fence E. -----	37 55 21.2	94 16 01.5	1,668
T. 36 N., R. 30 W., N. cor. secs. 5 and 6, T-rd. S. -----	37 56 08.4	94 15 59.3	4,774
T. 37 N., R. 30 W., quarter cor. between secs. 31 and 32 -----	37 56 34.9	94 15 58.8	2,682
T. 37 N., R. 30 W., near quarter cor. between secs. 29 and 30, 95 ft. N. and 20 ft. E. from crossroads, in concrete post; standard tablet stamped "T T 13 B 1933 786" -----	37 57 28.0	94 15 56.5	5,374
T. 37 N., R. 30 W., cor. secs. 19, 20, 29, and 30, rd. at fence -----	37 57 53.4	94 15 55.7	2,570
T. 37 N., R. 30 W., quarter cor. between secs. 19 and 20, rd. at fence -----	37 58 19.5	94 15 54.4	2,644
T. 37 N., R. 30 W., cor. secs. 17, 18, 19, and 20, crossroads -----	37 58 45.7	94 15 53.1	2,652
T. 37 N., R. 30 W., quarter cor. between secs. 17 and 18, rd. at fence -----	37 59 12.0	94 15 51.8	2,656
T. 37 N., R. 30 W., cor. secs. 7, 8, 17, and 18, 34 ft. S. and 23 ft. W. from T-rd. S., in con- crete post; standard tablet stamped "T T 14 B 1933 743" -----	37 59 37.93 37 59 37.6	94 15 50.80 94 15 21.8	2,627 2,324
Center of bridge over branch -----			

(Continued in Walker quadrangle; see line 2.)

2. FROM FORT SCOTT NO. 1 QUADRANGLE AT SEC. 18, T. 35 N., R. 32 W., SOUTH
TO SEC. 6, T. 34 N., R. 32 W., THENCE EAST TO SEC. 6, T. 34 N., R. 30 W.
(by W. R. Broadus in 1933)

(Continued from Fort Scott No. 1 quadrangle; see line 1.)

T. 35 N., R. 32 W., about 0.1 mi. W. of cor. secs. 17, 18, 19, and 20, 20 ft. N. and 40 ft. W. from T-rd. S., in concrete post; standard tablet stamped "T T 39 B 1933 774" -----	37 48 41.95	94 29 45.29	(4,549)
T. 35 N., R. 32 W., cor. secs. 19, 20, 29, and 30, crossroads -----	37 47 49.4	94 29 39.3	5,335
T. 35 N., R. 32 W., cor. secs. 29, 30, 31, and 32, crossroads -----	37 46 57.3	94 29 42.3	5,280

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 35 N., R. 32 W., S. cor. secs. 31 and 32, 30 ft. N. and 30 ft. W. from T-rd. N., in concrete post; standard tablet stamped "T T 40 B 1933 801" -----	37 46 05.48	94 29 45.61	5,244
T. 34 N., Rs. 32 and 33 W., N. cor. secs. 1 and 6, T-rd. S. -----	37 46 04.5	94 29 22.6	1,847
T. 35 N., R. 32 W., S. cor. secs. 32 and 33, T-rd. N. -----	37 46 02.9	94 28 39.3	3,480
T. 34 N., R. 32 W., N. cor. secs. 5 and 6, T-rd. S. -----	37 46 02.2	94 28 13.6	2,071
T. 35 N., R. 32 W., S. cor. secs. 33 and 34, T-rd. N. -----	37 46 01.0	94 27 33.8	3,196
Moundville, 120 ft. SW. of Missouri Pacific R.R. sta., 33 ft. S. and 67 ft. W. from main track at rd. crossing, 6 ft. S. of telegraph pole, in concrete post; standard tablet stamped "T T 41 B 1933 840" -----	37 45 46.57	94 26 52.08	3,654
T-rd. W. -----	37 45 45.4	94 26 01.3	4,081
T. 34 N., R. 32 W., N. cor. secs. 3 and 4, rd. corner from S.-E. -----	37 45 58.1	94 26 01.0	1,285
T. 35 N., R. 32 W., S. cor. secs. 35 and 36, T-rd. N. -----	37 45 56.9	94 25 22.4	3,100
T-rd. S. -----	37 45 55.6	94 24 35.1	3,799
T. 35 N., Rs. 31 and 32 W., S. cor. secs. 31 and 36, 26 ft. S. and 228 ft. E. from T-rd. N., 55 ft. N. of NW. corner of farmhouse of A. W. Cooper, in concrete post; standard tablet stamped "T T 42 B 1933 820" -----	37 45 54.57	94 24 13.71	1,720
Little Dry Wood Creek, center of bridge over -----	37 45 54.6	94 23 44.8	2,318
T. 35 N., R. 31 W., S. cor. secs. 31 and 32, rd. corner from W.-N. -----	37 45 53.0	94 23 10.6	2,754
T-rd. E. -----	37 46 06.2	94 23 09.8	1,330
T-rd. S. -----	37 46 05.2	94 22 32.1	3,032
T-rd. W. -----	37 46 04.3	94 22 03.5	2,295
T. 35 N., R. 31 W., S. cor. secs. 32 and 33, 80 ft. N. and 28 ft. W. from rd. corner from N.-E., 2 ft. W. of fence, in concrete post; standard tablet stamped "T T 43 B 1933 822" --	37 45 51.85	94 22 04.41	1,259
T. 34 N., R. 31 W., N. cor. secs. 5 and 6, T-rd. S. -----	37 45 50.4	94 21 40.7	1,907
T. 35 N., R. 31 W., S. cor. secs. 33 and 34, T-rd. N. -----	37 45 49.1	94 20 57.6	3,461
T-rd. N. -----	37 45 48.1	94 20 24.8	2,643
T. 35 N., R. 31 W., S. cor. secs. 34 and 35, T-rd. N. -----	37 45 47.2	94 19 51.6	2,667
T. 34 N., R. 31 W., N. cor. secs. 3 and 4, T-rd. S. -----	37 45 46.6	94 19 28.2	1,861
T. 35 N., R. 31 W., S. cor. secs. 35 and 36, 46 ft. N. and 66 ft. E. from junction of U.S. Highway 71 and County Route E, in concrete post; standard tablet stamped "T T 44 B 1933 863" -----	37 45 45.71	94 18 44.34	3,522
Missouri Pacific R.R. at crossing of County Route E -----	37 45 44.7	94 18 24.8	1,575
T. 35 N., Rs. 30 and 31 W., S. cor. secs. 31 and 36, County Route E at rd. N. -----	37 45 43.4	94 17 38.6	3,713
T. 34 N., R. 31 W., N. cor. secs. 1 and 2, County Route E at rd. S. -----	37 45 42.7	94 17 16.5	1,770
T. 35 N., R. 30 W., S. cor. secs. 31 and 32, County Route E at rd. N. -----	37 45 41.4	94 16 32.0	3,575
T. 34 N., Rs. 30 and 31 W., N. cor. secs. 1 and 6, County Route E at rd. S. -----	37 45 40.7	94 16 10.5	1,731
T T 7 B 1933 894 (previously described) -----	37 45 39.85	94 15 26.40	3,543

3. FROM SEC. 32, T. 35 N., R. 31 W., NORTH TO NEVADA (by W. R. Broadus in 1933)

T-rd. S. (previously described) -----	37 46 05.2	94 22 32.1	.....
T-rd. E. -----	37 46 40.6	94 22 01.7	4,339
T-rd. W. -----	37 46 43.8	94 22 01.6	320
T. 35 N., R. 31 W., cor. secs. 20, 21, 28, and 29, crossroads -----	37 47 36.4	94 21 59.2	5,324
Missouri Pacific R.R. at rd. crossing -----	37 48 12.7	94 21 51.9	3,717
T-rd. S. -----	37 48 29.0	94 21 51.0	1,646
T. 35 N., R. 31 W., W. sixteenth cor. between secs. 16 and 21, 115 ft. N. and 33 ft. W. from T-rd. N. in concrete post; standard tablet stamped "T T 58 B 1933 830" -----	37 48 29.78	94 21 40.43	849
T. 35 N., R. 31 W., W. sixteenth cor. sec. 16, T-rd. E. -----	37 48 55.0	94 21 38.8	2,556
Missouri-Kansas-Texas R.R. at rd. crossing -----	37 49 29.4	94 21 30.4	3,545
Nevada, at S. entrance to post office building, on E. side of steps, in top of horizontal stone; standard tablet stamped "T T 59 B 1933 877" -----	37 50 17.96	94 21 31.52	4,908

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Nevada, at S. entrance to courthouse, on W. side of steps, in top of horizontal stone; standard tablet stamped "T T 60 B 1933 880" -----	37 50 18.64	94 21 25.60	479
Nevada, center of bridge on N. Washington Street-Nevada, junction of street S. at N. end of Washington Street -----	37 51 11.5	94 21 15.5	5,407
Nevada, about 1.5 mi. NE. of, along U.S. Highway 71, quarter cor. between secs. 33 and 34, T. 36 N., R. 31 W., 30 ft. S. and 31 ft. W. from crossroad, in concrete post; standard tablet stamped "T T 36 B 1933 859" -----	37 51 28.9	94 21 14.6	1,761
	37 51 27.93	94 20 40.29	2,750

4. FROM FORT SCOTT NO. 1 QUADRANGLE AT SEC. 30, T. 36 N., R. 32 W., EAST INTO WALKER QUADRANGLE AT SEC. 28, T. 36 N., R. 30 W. (by W. R. Broadus in 1933)

T T 33 B 1933 785 (In Fort Scott No. 1 quadrangle; see line 1.) -----	37 53 01.63	94 30 25.74	.....
T. 36 N., R. 32 W., cor. secs. 19, 20, 29, and 30, crossroads -----	37 52 59.8	94 29 24.0	4,950
T. 36 N., R. 32 W., cor. secs. 20, 21, 28, and 29, crossroads -----	37 52 57.7	94 28 18.0	5,299
T. 36 N., P. 32 W., cor. secs. 21, 22, 27, and 28, 22 ft. S. end 93 ft. W. from crossroads, in concrete post; standard tablet stamped "T T 34 B 1933 785" -----	37 52 55.73	94 27 13.09	5,208
T-rd. S. -----	37 52 54.8	94 26 22.9	4,026
T. 36 N., R. 32 W., cor. secs. 22, 23, 26, and 27, T-rd. N. -----	37 52 54.4	94 26 06.2	1,335
T. 36 N., R. 32 W., cor. secs. 23, 24, 25, and 26, crossroads -----	37 52 53.2	94 25 00.2	5,294
Center of S. one of two bridges -----	37 52 21.4	94 24 37.6	3,686
T. 36 N., R. 32 W., in NE 1/4 sec. 36, about 0.4 mi. NW. of bridge over Marmaton River, 15 ft. S. and 28 ft. E. from rd. junction, in concrete post; standard tablet stamped "T T 35 B 1933 751" -----	37 51 59.56	94 23 57.93	3,877
Marmaton River, center of bridge over -----	37 51 42.8	94 23 56.0	1,705
T. 36 W., R. 31 W., center sec. 31, rd. corner from N.-E. -----	37 51 32.6	94 23 23.9	2,770
T. 36 N., R. 31 W., quarter cor. between secs. 31 and 32, crossroads -----	37 51 31.7	94 22 51.1	2,635
Nevada, top of water tower at insane asylum -----	37 51 40.2	94 21 37.3	5,979
T-rd. E. -----	37 51 29.4	94 21 29.2	1,267
Nevada, top of steeple at courthouse -----	37 50 19.2	94 21 25.5	7,115
T T 36 B 1933 859 (previously described) -----	37 51 27.93	94 20 40.29	7,842
Missouri Pacific R.R. at rd. crossing -----	37 51 27.9	94 20 24.0	1,308
T. 36 N., R. 31 W., quarter cor. between secs. 34 and 35, T-rd. W. -----	37 51 26.8	94 19 34.0	4,008
T. 36 N., R. 31 W., cor. secs. 26, 27, 34, and 35, crossroads -----	37 51 53.0	94 19 32.8	2,649
T. 36 N., R. 31 W., cor. secs. 25, 26, 35, and 36, crossroads -----	37 51 51.3	94 18 27.2	5,263
Missouri-Kansas-Texas R.R. at rd. crossing -----	37 51 50.5	94 17 46.2	3,290
Nevada, about 3 mi. NE. of, along U.S. Highway 54, approximate cor. secs. 25, 30, 31, and 36, T. 36 N., R. 30 and 31 W., 39 ft. S. and 62 ft. E. from crossroad, in concrete post; standard tablet stamped "T T 37 B 1933" -----	37 51 49.46	94 17 20.82	2,046
T. 36 N., R. 30 W., cor. secs. 29, 30, 31, and 32, U.S. Highway 54 at crossroad -----	37 51 47.7	94 16 12.3	5,495
U.S. Highway 54 at private rd. S. -----	37 51 45.9	94 15 18.8	4,292

(Continued in Walker quadrangle; see line 3.)

5. FROM SEC. 17, T. 37 N., R. 30 W., WEST INTO FORT SCOTT NO. 1 QUADRANGLE AT SEC. 18, T. 37 N., R. 32 W. (by W. R. Broadus in 1933)

T T 14 B 1933 743 (previously described) -----	37 59 37.93	94 15 50.80	.....
Center of bridge -----	37 59 38.7	94 16 33.4	3,414
T. 37 N., R. 30 W., W. cor. secs. 7 and 18, rd. corner -----	37 59 38.9	94 16 59.9	2,116
Rd. corner from E.-S. -----	37 59 41.0	94 18 05.3	5,241
T. 37 N., R. 31 W., cor. secs. 13, 14, 23, and 24, 23 ft. N. and 46 ft. W. from T-rd. N. (? W.), in concrete post; standard tablet stamped "T T 26 B 1933 764" -----	37 58 48.96	94 18 08.09	5,266
Rd. corner from E.-S. -----	37 58 49.0	94 18 24.1	1,285
T. 37 N., R. 31 W., center of SE 1/4 sec. 23, T-rd. W. -----	37 58 09.8	94 18 26.4	3,965
T-rd. N. -----	37 58 10.7	94 19 15.6	3,936
Marmaton River, center of bridge over -----	37 58 22.7	94 19 15.2	1,210
Center of bridge at end of lake -----	37 58 25.5	94 20 34.0	6,320
Center of bridge -----	37 58 26.5	94 20 47.6	1,085

* Permission was given State Highway Department Oct. 8, 1938, to move this monument.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 37 N., R. 31 W., near quarter cor. between secs. 20 and 21, 22 ft. E. of rd. S., 18 ft. S. of rd. W., 50 ft. S. of rd. E., 29 ft. S. of fence corner, in concrete post; standard tab- let stamped "T T 27 B 1933 751" -----	37 58 27.11	94 21 26.05	3,083
Horton, Missouri Pacific R.R. at rd. crossing ---	37 58 28.1	94 21 54.0	2,243
T-rd. N. -----	37 58 29.3	94 22 32.3	3,070
Crossroads -----	37 58 30.7	94 23 13.4	3,289
T-rd. W. -----	37 58 57.3	94 23 12.0	2,687
Little Osage River, center of bridge over -----	37 59 05.8	94 23 15.0	898
T. 37 N., R. 32 W., E. cor. secs. 12 and 13, 23 ft. S. and 86 ft. W. from T-rd. W., in con- crete post; standard tablet stamped "T T 28 B 1933 757" -----	37 59 48.81	94 23 33.00	4,579
T. 37 N., R. 32 W., cor. secs. 11, 12, 13, and 14, T-rd. N. -----	37 59 51.0	94 24 38.2	5,220
Metz, Missouri Pacific R.R. at rd. crossing ----	37 59 53.5	94 26 18.9	8,066
Metz, in NW. part of, 42 ft. N. and 28 ft. E. from crossroads, in SW. corner of schoolyard, in concrete post; standard tablet stamped "T T 29 B 1933 785" -----	37 59 54.57	94 26 49.82	2,461
T. 37 N., R. 32 W., cor. secs. 8, 9, 16, and 17, crossroads -----	37 59 55.8	94 27 56.3	5,325
Pryor Creek, center of bridge over -----	37 59 56.2	94 28 26.1	2,383
T. 37 N., R. 32 W., cor. secs. 7, 8, 17, and 18, crossroads -----	37 59 57.3	94 29 02.3	2,898

(Continued in Fort Scott No. 1 quadrangle; see line 1.)

6. FROM BUTLER NO. 3 QUADRANGLE SOUTH ALONG U.S. HIGHWAY 71 TO SEC. 21,
T. 37 N., R. 31 W. (by C. E. Wyrick in 1934)

Crossroad (in Butler No. 3 quadrangle) -----	38 00 14.0	94 22 10.1	.....
Highway at fence W. on line between secs. 8 and 17, T. 37 N., R. 31 W. -----	37 59 47.8	94 22 07.1	2,670
Little Osage River, center of bridge over -----	37 59 19.2	94 22 02.7	2,910
Junction of rd. E. -----	37 58 41.5	94 21 57.0	3,840
Crossroad -----	37 58 28.3	94 21 55.0	1,350
T T 27 B 1933 751 (previously described) -----	37 58 27.11	94 21 26.05	2,325

7. FROM SEC. 34, T. 36 N., R. 31 W., NORTH ALONG U.S. HIGHWAY 71 TO SEC. 21,
T. 36 N., R. 31 W. (by C. E. Wyrick in 1934)

T T 36 B 1933 859 (previously described) -----	37 51 27.93	94 20 40.29	.....
T. 36 N., R. 31 W., cor. secs. 27, 28, 33, and 34, junction of rd. E. -----	37 51 54.4	94 20 38.7	2,686
Highway at fence W. -----	37 52 33.7	94 20 36.9	3,971
Junction of rd. E. -----	37 52 46.8	94 20 36.2	1,330
Junction of rd. W. -----	37 53 12.8	94 20 35.1	2,630
Junction of rd. E. -----	37 53 39.0	94 20 33.9	2,650
Nevada, about 4 mi. N. of, quarter cor. between secs. 15 and 16, T. 36 N., R. 31 W., 62 ft. S. and 33 ft. W. from junction of rd. W., in concrete post; standard tablet stamped "T T 1148 W 1934" -----	37 54 04.51	94 20 33.37	2,579
Junction of rd. E. -----	37 54 31.4	94 20 32.0	2,717
Highway at fences E. and W. -----	37 54 57.8	94 20 55.9	3,294
Marmaton River, center of bridge over -----	37 55 23.1	94 21 28.2	3,636
Junction of rd. S. -----	37 55 30.9	94 21 51.4	2,017
Highway at fence W. -----	37 55 51.4	94 21 59.6	2,184
Nevada, 7 mi. N. of, near N. quarter cor. sec. 5, T. 36 N., R. 31 W., at S. end of bridge over Douglas Creek, in top of SE. hand rail; stan- dard tablet stamped "T T 1149 W 1934" -----	37 56 15.97	94 22 01.46	2,484
T. 37 N., R. 31 W., center sec. 32, crossroad ---	37 56 44.2	94 22 05.0	2,874
Junction of County Route D -----	37 57 10.3	94 22 03.6	2,635
Highway at fences E. and W. -----	37 57 36.7	94 22 02.2	2,674
Crossroad -----	37 58 28.2	94 21 55.0	5,239
T T 27 B 1933 751 (previously described) -----	37 58 27.11	94 21 26.05	2,320

8. FROM SEC. 32, T. 35 N., R. 30 W., SOUTHEAST INTO WALKER QUADRANGLE AT
SEC. 5, T. 34 N., R. 30 W. (by W. V. Kennedy in 1934)

T T 7 B 1933 894 (previously described) -----	37 45 39.85	94 15 26.40	.....
County Route E at rd. S. -----	37 45 39.0	94 15 04.0	1,803
Rd. at fences E. and W. -----	37 45 19.2	94 15 05.0	1,999
T-rd. E. -----	37 45 06.2	94 15 05.3	1,310

(Continued in Walker quadrangle; see line 4.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
9. FROM BUTLER NO. 3 QUADRANGLE AT SEC. 7, T. 37 N., R. 32 W., WEST INTO FORT SCOTT NO. 1 QUADRANGLE AT SEC. 18, T. 37 N., R. 32 W. (by W. V. Kennedy in 1934)			
T. 37 N., R. 32 W., S. sixteenth cor. between secs. 7 and 8, rd. at hedge fences E. and W. (in Butler No. 3 quadrangle) -----	38 00 10.6	94 29 01.6	.....
Crossroads (previously described) -----	37 59 57.3	94 29 02.2	1,350
T. 27 N., R. 32 W., quarter cor. between secs. 7 and 18, rd. at hedge fences N. and S. -----	37 59 58.0	94 29 35.2	2,640
T T 30 B 1933 823 (In Fort Scott No. 1 quadrangle; see line 1.) -----	37 59 58.82	94 30 07.35	2,570

10. FROM SEC. 31, T. 35 N., R. 32 W., WEST INTO FORT SCOTT NO. 1 QUADRANGLE AT SEC. 6, T. 34 N., R. 32 W. (by W. A. Wheeler in 1934)

T T 40 B 1933 801 (previously described) -----	37 46 05.48	94 29 45.61	.....
Rd. at fences E. and W. -----	37 45 38.2	94 29 57.0	2,900
T-rd. N. -----	37 45 12.0	94 29 57.2	2,650

(Continued in Fort Scott No. 1 quadrangle; see line 3.)

11. FROM SEC. 31, T. 35 N., R. 31 W., SOUTH INTO SHELTON QUADRANGLE AT SEC. 2, T. 34 N., R. 32 W. (by C. D. Craig in 1936)

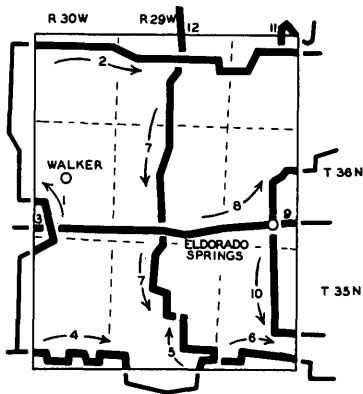
T T 42 B 1933 820 (previously described) -----	37 45 54.57	94 24 13.71	.....
Crossroads -----	37 45 17.0	94 24 40.0	4,346

(Continued in Sheldon quadrangle; see line 7.)

Magnetic declination 8° 20' E.

WALKER QUADRANGLE
(Latitude 37°45'-38°00'; longitude 94°00'-94°15')

Cedar, St. Clair, and Vernon Counties



1. FROM NEVADA QUADRANGLE AT SEC. 4, T. 35 N., R. 30 W., EAST, NORTH, AND WEST INTO NEVADA QUADRANGLE AT SEC. 21, T. 36 N., R. 30 W. (by W. R. Broadus in 1933)
(Continued from Nevada quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 35 N., R. 30 W., N. cor. secs. 3 and 4, T-rd. S., 5 ft. from T-rd. N. at S. cor. secs. 33 and 34, T. 36 N., R. 30 W. -----	37 50 50.9	94 14 03.8	(5,265)
Walker, 2.5 mi. S. of, along County Route C, cor. secs. 27, 28, 33, and 34, T. 36 N., R. 30 W., 107 ft. N. and 53 ft. E. from junction of U.S. Highway 54, 68 ft. N. and 3 ft. E. from corner fence post, in concrete post; standard tablet stamped "T T 10 B 1933" -----	37 51 44.26	94 14 00.80	5,402
T. 36 N., R. 30 W., cor. secs. 21, 22, 27, and 28, crossroads -----	37 52 35.7	94 13 58.9	5,208

(Continued in Nevada quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	" ' "	" ' "	Feet

2. FROM NEVADA QUADRANGLE AT SEC. 17, T. 37 N., R. 30 W., EAST INTO PLEASANT VIEW QUADRANGLE AT SEC. 10, T. 37 N., R. 28 W. (by W. R. Broadus in 1933)

(Continued from Nevada quadrangle; see line 1.)

T. 37 N., R. 30 W., cor. secs. 8, 9, 16, and 17, T-rd. N. -----	37 59 36.6	94 14 45.3	(2,920)
T. 37 N., R. 30 W., cor. secs. 9, 10, 15, and 16, rd. at fence S. -----	37 59 34.1	94 13 39.4	5,280
T. 37 N., R. 30 W., quarter cor. between secs. 10 and 15, T-rd. N. -----	37 59 33.1	94 13 06.7	2,620
T. 37 N., R. 30 W., cor. secs. 10, 11, 14, and 15, 18 ft. N. and 166 ft. E. from T-rd. S., 43 ft. S. of SE. corner and in line with E. face of farmhouse of O. L. Rippe, in concrete post; standard tablet stamped "T T 51 B 1933" -----	37 59 32.22	94 12 31.87	2,790
T. 37 N., R. 30 W., quarter cor. between secs. 11 and 14, crossroads -----	37 59 30.8	94 12 01.2	2,460
Coal Creek, center of bridge over -----	37 59 29.6	94 11 32.7	2,284
T. 37 N., R. 30 W., E. cor. secs. 12 and 13, T-rd. W. -----	37 59 26.5	94 10 21.0	5,751
T. 37 N., R. 30 W., E. quarter cor. sec. 13, T-rd. E. -----	37 59 00.9	94 10 22.3	2,591
Fairhaven, about 0.7 mi. E. of NE. limits of, quarter cor. between secs. 17 and 18, T. 37 N., R. 29 W., 25 ft. S. and 78 ft. W. from T-rd. S., in concrete post; standard tablet stamped "T T 52 B 1933" -----	37 58 58.34	94 09 11.18	5,698
T. 37 N., R. 29 W., quarter cor. between secs. 16 and 17, crossroads -----	37 58 57.0	94 08 03.8	5,400
T. 37 N., R. 29 W., quarter cor. between secs. 15 and 16, crossroads -----	37 58 54.9	94 06 58.4	5,240
Fairhaven, about 3.7 mi. E. of NE. limits of, 18 ft. S. and 280 ft. W. from quarter cor. between secs. 14 and 15, T. 37 N., R. 29 W., in line with E. face of farmhouse of F. R. Schmidt, 18 ft. S. of rd., in concrete post; standard tablet stamped "T T 53 B 1933" -----	37 58 53.45	94 05 56.22	4,975
T. 37 N., R. 29 W., center sec. 14, crossroads -----	37 58 52.6	94 05 19.4	2,948
T. 37 N., R. 29 W., center sec. 13, rd. corner from W.-S. -----	37 58 50.5	94 04 12.6	5,355
T. 37 N., R. 29 W., quarter cor. between secs. 13 and 24, T-rd. E. -----	37 58 24.3	94 04 14.0	2,655
T. 37 N., Rs. 28 and 29 W., approximate cor. secs. 13, 18, 19, and 24, crossroads on St. Clair-Vernon county line -----	37 58 23.3	94 03 40.3	2,695
Stony Point School, cor. secs. 17, 18, 19, and 20, T. 37 N., R. 28 W., 19 ft. N. and 55 ft. E. from crossroads, 26 ft. S. of SW. corner of schoolhouse, in concrete post; standard tablet stamped "T T 54 B 1933" -----	37 58 20.79	94 02 30.14	5,625
T-rd. E. -----	37 59 06.4	94 02 28.4	4,611
Rd. corner -----	37 59 12.3	94 02 12.1	1,442
T. 37 N., R. 28 W., cor. secs. 8, 9, 16, and 17, T-rd. S. -----	37 59 10.4	94 01 22.2	4,000
T-rd. N. -----	37 59 10.0	94 01 07.6	1,170
Pleasant Grove Baptist Church, cor. secs. 9, 10, 15, and 16, T. 37 N., R. 28 W., 22 ft. S. and 4 ft. W. from T-rd. N., 3 ft. N. of cemetery fence, in concrete post; standard tablet stamped "T T 55 B 1933" -----	37 59 08.38	94 00 18.11	3,962

(Continued in Pleasant View quadrangle; see line 2.)

3. FROM NEVADA QUADRANGLE AT SEC. 28, T. 36 N., R. 30 W., EAST ABOUT 1 MILE (by W. R. Broadus in 1933)

(Continued from Nevada quadrangle; see line 4.)

U.S. Highway 54 at fence S. -----	37 51 44.5	94 14 38.2	(3,265)
T T 10 B 1933 (previously described) -----	37 51 44.26	94 14 00.80	2,998

4. FROM NEVADA QUADRANGLE AT SEC. 5, T. 34 N., R. 30 W., EAST AND SOUTH INTO MONTEVALLO QUADRANGLE AT SEC. 1, T. 34 N., R. 30 W. (by W. V. Kennedy in 1934)

(Continued from Nevada quadrangle; see line 8.)

Center of bridge over creek -----	37 45 03.7	94 14 25.2	(3,227)
Crossroads -----	37 45 03.5	94 13 59.2	2,089
T-rd. N. -----	37 45 02.6	94 13 27.4	2,559
T. 34 N., R. 30 W., in NE 1/4 sec. 4, 22 ft. S. and 24 ft. W. from T-rd. W., 3 ft. S. and 3 ft. W. from corner fence post, in concrete post; standard tablet stamped "284 C W A 1934" -----	37 45 01.13	94 12 53.49	2,728

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at fence W. -----	37 45 25.3	94 12 52.6	2,447
Center of bridge over creek -----	37 45 34.8	94 12 44.6	1,155
T. 35 N., R. 30 W., S. cor. secs. 35 and 36, T-rd. N. -----	37 45 33.8	94 12 05.8	3,120
Rd. at fence N. -----	37 45 26.9	94 11 47.2	1,654
Clear Creek, center of bridge over -----	37 45 23.1	94 11 33.3	1,161
Rd. at fences N. and S. -----	37 45 26.8	94 11 14.9	1,238
T. 34 N., R. 30 W., 2-8 mi. N. of S. cor. secs. 1 and 2, 28 ft. S. and 27 ft. W. from T-rd. S., 2 ft. S. and 2 ft. W. from corner fence post, in concrete post; standard tablet stamped "283 C W A 1934" -----	37 45 25.64	94 10 41.71	2,666
T-rd. N. -----	37 45 23.8	94 10 08.0	2,716
T-rd. S. -----	37 45 22.8	94 09 51.5	1,330

(Continued in Montevallo quadrangle; see line 1.)

5. FROM MONTEVALLO QUADRANGLE AT SEC. 3, T. 34 N., R. 29 W., NORTH AND
WEST TO SEC. 26, T. 35 N., R. 29 W. (by W. V. Kennedy in 1934)
(Continued from Montevallo quadrangle; see line 1.)

T. 34 N., R. 29 W., in NW 1/4 sec. 2, 26 ft. N. and 25 ft. W. from rd. corner W.-N. and private rd. S., 3 ft. N. and 3 ft. W. from corner fence post, in concrete post; standard tablet stamped "235 C W A 1934" -----	37 45 03.14	94 04 56.87	(3,018)
T-rd. S. -----	37 45 21.3	94 04 55.7	1,836
T. 35 N., R. 29 W., center sec. 36, T-rd. W. -----	37 45 47.4	94 04 55.6	2,648
T-rd. S. -----	37 46 13.4	94 04 54.3	2,624
Rd. at fences N. and S. -----	37 46 14.2	94 05 27.4	2,660
Crossroads -----	37 46 14.8	94 05 43.3	1,281
T. 35 N., R. 29 W., cor. secs. 26, 27, 34, and 35, 23 ft. S. and 25 ft. W. from crossroads (dim rd. S.), 1 ft. N. and 4 ft. W. from corner fence post, in concrete post; standard tablet stamped "294 C W A 1934" -----	37 46 16.02	94 06 33.55	4,034

6. FROM SEC. 2, T. 34 N., R. 29 W., EAST INTO PLEASANT VIEW QUADRANGLE AT
SEC. 34, T. 35 N., R. 28 W. (by W. V. Kennedy in 1934)

235 C W A 1934 (previously described) -----	37 45 03.14	94 04 56.87	.....
T-rd. N. -----	37 45 21.3	94 04 56.9	1,837
T-rd. N. to Virgil City -----	37 45 20.7	94 04 33.4	1,890
T. 34 N., R. 29 W., N. cor. secs. 1 and 2, T-rd. S. on Cedar-Vernon county line -----	37 45 20.0	94 04 06.7	2,140
Rd. at fence N. -----	37 45 19.0	94 03 34.0	2,630
T. 34 N., R. 28 and 29 W., N. cor. secs. 1 and 6, junction of dim rd. S. -----	37 45 18.2	94 03 01.3	2,630
T-rd. S. -----	37 45 17.1	94 02 20.8	3,259
Center of bridge over small stream -----	37 45 16.1	94 01 51.0	2,391
T. 35 N., R. 28 W., S. quarter cor. sec. 33, 23 ft. N. and 38 ft. E. from County Route A at crossroad, 1 ft. N. and 1 ft. E. from corner fence post, in concrete post; standard tablet stamped "241 C W A 1934" -----	37 45 16.05	94 01 37.76	1,064
T. 35 N., R. 28 W., S. cor. secs. 33 and 34, rd. at fence N. -----	37 45 14.8	94 01 05.5	2,597
T-rd. N. -----	37 45 14.4	94 00 49.0	1,321
Rd. at hedge fence S. -----	37 45 13.2	94 00 14.3	2,790

(Continued in Pleasant View quadrangle; see line 3.)

7. FROM SEC. 14, T. 37 N., R. 29 W., SOUTH TO SEC. 26, T. 35 N., R. 29 W.
(by S. T. Tudor in 1934)

T T 53 B 1933 (previously described) -----	37 58 53.45	94 05 56.22	.....
T. 37 N., R. 29 W., center sec. 15, rd. at fences N. and S. -----	37 58 54.2	94 06 25.6	2,350
Crossroads -----	37 58 54.9	94 06 58.3	2,621
Rd. at fences E. and W. -----	37 58 29.0	94 06 59.9	2,630
Crossroads -----	37 58 02.9	94 07 01.5	2,640
Rd. at fences E. and W. -----	37 57 10.9	94 07 04.4	5,269
Crossroads -----	37 56 44.7	94 07 06.0	2,650
Center of bridge -----	37 56 22.0	94 07 07.0	2,295
T. 37 N., R. 29 W., 8 ft. S. and 30 ft. W. from quarter cor. between secs. 33 and 34, 57 ft. NW. of NW. corner of bridge, 30 ft. E. (? W.) of rd., 8 ft. S. and 1 ft. E. (? W.) from corner fence post, in concrete post; standard tablet stamped "246 C W A 1934" -----	37 56 15.88	94 07 07.67	623
T. 36 N., R. 29 W., N. cor. secs. 3 and 4, T-rd. S., 200 ft. W. of T-rd. N. at S. cor. secs. 33 and 34, T. 37 N., R. 29 W. -----	37 55 52.5	94 07 10.7	2,377
Rd. at fences E. and W. -----	37 55 00.5	94 07 13.1	5,268
Crossroads -----	37 54 34.4	94 07 14.4	2,640

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 36 N., R. 29 W., quarter cor. between secs. 15 and 16, 80 ft. N. and 24 ft. E. from T-rd. E., 5 ft. E. of E. right-of-way fence, in concrete post; standard tablet stamped "236 C W A 1934"-----	37 53 42.91	94 07 16.49	5,209
Crossroads -----	37 53 16.0	94 07 18.0	2,725
Center of bridge -----	37 52 53.5	94 07 19.1	2,280
T. 36 N., R. 29 W., cor. secs. 21, 22, 27, and 28, T-rd. E. -----	37 52 23.6	94 07 20.6	3,030
T-rd. N. -----	37 51 57.4	94 07 21.8	2,647
T-rd. S. -----	37 51 57.8	94 07 38.2	1,318
Dederick, 295 ft. S. of Missouri-Kansas-Texas R.R., 27 ft. N. and 38 ft. E. from street intersection, 11 ft. N. and 7 ft. E. from corner fence post, in concrete post; standard tablet -----	37 51 28.80	94 07 39.52	2,934
U.S. Highway 54 at rd. S. -----	37 51 19.2	94 07 54.3	1,532
Center of bridge -----	37 50 51.7	94 07 58.5	2,804
T. 35 N., R. 29 W., N. sixteenth cor. sec. 4, T-rd. E. -----	37 50 25.9	94 08 01.8	2,626
Crossroads -----	37 49 46.7	94 08 03.7	3,970
T-rd. E. -----	37 49 20.6	94 08 04.7	2,640
T. 35 N., R. 29 W., N. sixteenth cor. sec. 16, 4 ft. S. and 13 ft. W. from corner fence post, 29 ft. W. of rd., in concrete post; standard tablet -----	37 48 41.76	94 08 06.77	3,934
Rd. corner from N.-E. -----	37 48 28.6	94 08 07.0	1,334
T. 35 N., R. 29 W., quarter cor. between secs. 22 and 23, rd. forks NE., E., and S. -----	37 47 34.5	94 06 29.6	9,538
T-rd. E. -----	37 47 08.4	94 06 30.9	2,647
294 C W A 1934 (previously described) -----	37 46 16.02	94 06 33.55	5,296

8. FROM SEC. 27, T. 36 N., R. 30 W., EAST ALONG U.S. HIGHWAY 54 TO
 ELDORADO SPRINGS, THENCE NORTH ALONG STATE HIGHWAY 82 INTO
 PLEASANT VIEW QUADRANGLE (by C. E. Wyrick in 1934)

T T 10 B 1933 (previously described) -----	37 51 44.26	94 14 00.80	.....
Highway at fence S. -----	37 51 42.2	94 13 28.6	2,592
T. 36 N., R. 30 W., cor. secs. 26, 27, 34, and 35, crossroad -----	37 51 41.1	94 12 55.7	2,640
Highway at fences N. and S. -----	37 51 40.0	94 12 23.0	2,620
Crossroad -----	37 51 39.0	94 11 50.2	2,640
Highway at hedge fence S. -----	37 51 37.8	94 11 17.0	2,660
Dederick, about 2.7 mi. W. of, along U.S. Highway 54, approximate cor. secs. 25, 30, 31, and 36, T. 36 N., Rs. 29 and 30 W., 73 ft. S. and 28 ft. E. from crossroad, in concrete post; standard tablet stamped "T T 1130 W 1934"-----	37 51 36.02	94 10 43.65	2,681
Highway at fence N. -----	37 51 35.6	94 10 07.3	2,914
T. 36 N., R. 29 W., cor. secs. 29, 30, 31, and 32, crossroad -----	37 51 39.8	94 09 34.2	2,691
Highway at fence S. -----	37 51 34.2	94 09 01.5	2,680
Crossroad -----	37 51 28.5	94 08 29.0	2,672
Junction of rd. S. (previously described) -----	37 51 19.2	94 07 54.3	2,936
Standard tablet (previously described) -----	37 51 28.80	94 07 39.52	1,531
Dederick, about 0.8 mi. E. of, along U.S. Highway 54, in NW. abutment wall of bridge over Clear Creek; standard tablet stamped "T T 1131 W 1934"-----	37 51 16.38	94 07 15.63	2,292
Junction of rd. S. -----	37 51 12.3	94 06 51.5	1,979
Junction of rd. S. -----	37 51 22.4	94 06 17.8	2,888
Junction of rd. SE. -----	37 51 29.6	94 06 03.3	1,370
Crossroad -----	37 51 47.4	94 05 27.2	3,410
Junction of rd. N., 10 ft. S. and 250 ft. E. from junction of rd. NW. -----	37 51 50.8	94 04 53.7	2,704
Eldorado Springs, 2 mi. W. of, along U.S. Highway 54, 40 ft. N. and 153 ft. E. from crossroad at approximate quarter cor. between secs. 25 and 30, T. 36 N., Rs. 28 and 29 W., 131 ft. E. of corner fence post, in concrete post; standard tablet stamped "T T 1132 W 1934"-----	37 51 52.29	94 04 02.32	4,126
Highway at fence N. -----	37 51 50.8	94 03 29.1	2,666
T. 36 N., R. 28 W., quarter cor. between secs. 29 and 30, crossroad -----	37 51 49.9	94 02 56.1	2,650
Highway at fence S., 15 ft. N. and 330 ft. W. from Missouri-Kansas-Texas R.R. at highway crossing -----	37 51 49.2	94 02 23.0	2,650
Crossroad -----	37 51 48.2	94 01 50.1	2,641
Eldorado Springs, in SW. part of, ball at top of westernmost water tower -----	37 52 14.8	94 01 21.3	3,545
U.S.C. & G.S. standard disk stamped "R 24 1934"-----	37 51 51.95	94 01 18.73	2,323
Eldorado Springs, intersection of Spring Street - T. 36 N., R. 28 W., quarter cor. between secs. 16 and 21, crossroad -----	37 52 36.4	94 01 16.9	4,494
Center of bridge G 324 1922 -----	37 53 05.2	94 01 15.3	2,920
Junction of rd. S. -----	37 53 19.3	94 01 16.2	1,425
	37 53 57.3	94 01 09.9	3,881

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Eldorado Springs, 1.3 mi. N., thence 0.5 mi. E. from, near cor. secs. 9, 10, 15, and 16, T. 36 N., R. 28 W., 16 ft. N. and 93 ft. W. from junction of rd. N., in head wall of con- crete culvert; standard tablet stamped "T T 1133 1934" -----	37 53 57.03	94 00 37.56	2,590
Junction of rd. S. -----	37 54 20.6	94 00 00.9	3,781

(Continued in Pleasant View quadrangle; see line 4.)

9. FROM ELDORADO SPRINGS EAST ALONG U.S. HIGHWAY 54 INTO PLEASANT VIEW
QUADRANGLE (by C. E. Wyrick in 1934)

R 24 1934 (previously described) -----	37 51 51.95	94 01 18.73	.....
U.S.C. & G.S. standard disk stamped "Q 24 1934"-----	37 51 44.4	94 00 43.24	2,946
Highway at fence N. -----	37 51 44.9	94 00 10.6	2,620

(Continued in Pleasant View quadrangle; see line 5.)

10. FROM ELDORADO SPRINGS SOUTH ALONG STATE HIGHWAY 64 INTO PLEASANT VIEW
QUADRANGLE (by C. E. Wyrick in 1934)

Q 24 1934 (previously described) -----	37 51 44.4	94 00 43.24	.....
U.S.C. & G.S. standard disk stamped "P 24 1934"-----	37 51 18.8	94 00 45.44	2,596
Highway at fence E. -----	37 50 52.6	94 00 46.4	2,659
Junction of rd. E. -----	37 50 39.1	94 00 47.0	1,360
Tps. 35 and 36 N., R. 28 W., approximate cor. secs. 3, 4, 33, and 34, highway at fences E. and W. -----	37 50 27.8	94 00 48.6	1,155
Highway at hedge fences E. and W. -----	37 50 01.3	94 00 51.0	2,683
U.S.C. & G.S. standard disk stamped "N 24 1934"-----	37 49 34.60	94 00 51.78	2,705
Crossroad -----	37 49 09.0	94 00 53.3	2,590
T. 35 N., R. 28 W., cor. secs. 9, 10, 15, and 16, highway at fences E. and W. -----	37 48 42.8	94 00 54.5	2,650
Highway at fence W. -----	37 48 16.8	94 00 55.8	2,641
U.S.C. & G.S. standard disk stamped "M 24 1934"-----	37 47 51.44	94 00 59.43	2,579
Highway at fence W. -----	37 47 11.5	94 01 03.6	4,053
T. 35 N., R. 28 W., cor. secs. 21, 22, 27, and 28, crossroad -----	37 46 58.6	94 01 00.6	1,327
Highway at fences E. and W. -----	37 46 32.8	94 01 01.2	2,616
U.S.C. & G.S. standard disk stamped "L 24 1934"-----	37 46 08.49	94 01 02.24	2,459
Highway at fence N. -----	37 46 05.8	94 00 29.5	2,639

(Continued in Pleasant View quadrangle; see line 8.)

11. FROM SEC. 16, T. 37 N., R. 28 W., NORTH AND EAST INTO PLEASANT VIEW
QUADRANGLE AT SEC. 10, T. 37 N., R. 28 W. (by W. A. Wheeler in 1934)

T T 55 B 1933 (previously described) -----	37 59 08.38	94 00 18.11	.....
T. 37 N., R. 28 W., quarter cor. between secs. 9 and 10, rd. at fences E. and W. -----	37 59 34.6	94 00 16.7	2,660
T. 37 N., R. 28 W., cor. secs. 3, 4, 9, and 10, crossroads (in Appleton City quadrangle) -----	38° 00 00.7	94 00 15.2	2,640

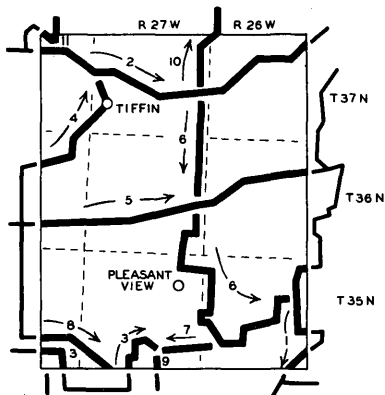
(Continued in Pleasant View quadrangle; see line 11.)

12. FROM SEC. 15, T. 37 N., R. 29 W., NORTH INTO APPLETON CITY QUADRANGLE
AT SEC. 10, T. 37 N., R. 29 W. (by C. D. Craig in 1934)

T T 53 B 1933 (previously described) -----	37 58 53.45	94 05 56.22	.....
Rd. in line with W. face of farmhouse of A. O. Clines -----	37 58 54.2	94 06 20.9	1,980
Crossroads (previously described) -----	37 58 55.0	94 06 58.4	3,000
Center of culvert -----	37 59 18.3	94 06 56.9	2,360
T-rd. E., 15 ft. N. of quarter cor. between secs. 9 and 10, T. 37 N., R. 29 W. -----	37 59 47.1	94 06 55.2	2,910
Rd. at hedge fence E. (In Appleton City quadrangle) -----	38 00 13.3	94 06 53.6	2,655

Magnetic declination 8° 10' E.

PLEASANT VIEW QUADRANGLE
(Latitude 37°45'38"00'; longitude 93°45'34"00')
Cedar and St. Clair Counties



1. FROM HUMANSVILLE QUADRANGLE AT SEC. 36, T. 36 N., R. 26 W., SOUTH TO SEC. 12, T. 35 N., R. 26 W., THENCE SOUTH ALONG COUNTY ROUTE J INTO STOCKTON QUADRANGLE (by W. R. Broadus in 1933)
(Continued from Humansville quadrangle; see line 2.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T-rd. W. -----	37 50 21.0	93 45 25.2	(3,311)
Rd. at Cedar-St. Clair county line on line between secs. 2 and 35, Tps. 35 and 36 N., R. 26 W. -----	37 49 58.2	93 45 33.8	2,409
Rd. at line between secs. 1 and 2, T. 35 N., R. 26 W. -----	37 49 51.3	93 45 23.5	1,084
T-rd. E. -----	37 49 44.8	93 45 18.9	756
T-rd. N. -----	37 49 18.5	93 45 12.1	2,712
T. 35 N., R. 26 W., W. sixteenth cor. between secs. 1 and 12, rd. at fences E. and W. -----	37 49 05.3	93 45 09.4	1,353
T. 35 N., R. 26 W., center of NW 1/4 sec. 12, T-rd. W. -----	37 48 52.1	93 45 09.7	1,332
Mount Enon Church, 0.2 mi. S. of, in SW 1/4 sec. 12, T. 35 N., R. 26 W., at end of County Route J, 47 ft. N. and 35 ft. E. from crossroads, in concrete post; standard tablet stamped "T 71 B 1933" -----	37 48 34.13	93 45 09.91	1,820
Junction of rd. S. -----	37 47 49.6	94 45 02.4	4,545
Junction of private drive E. -----	37 47 27.0	93 45 03.3	2,290

(For balance in Humansville quadrangle, see line 2.)

T. 35 N., R. 26 W., center sec. 25, 58 ft. S. and 40 ft. W. from highway at fences E. and W., 2.8 mi. NE. of Sec River, on old Pinkman farm, in concrete post; standard tablet stamped "T 72 B 1933" -----	37 46 00.54	93 45 02.26	3,002
Crossroad on line between secs. 25 and 36, T. 35 N., R. 26 W. -----	37 45 36.2	93 45 14.7	2,656
Silver Creek, crossing of -----	37 45 22.0	93 45 28.3	1,805

(Continued in Stockton quadrangle; see line 1.)

2. FROM WALKER QUADRANGLE AT SEC. 10, T. 37 N., R. 28 W., EAST TO SEC. 19, T. 37 N., R. 26 W., THENCE NORTHEAST ALONG STATE HIGHWAY 82 INTO HUMANSVILLE QUADRANGLE (by W. R. Broadus in 1933)
(Continued from Walker quadrangle; see line 2.)

T. 37 N., R. 28 W., E. sixteenth cor. between secs. 10 and 15, crossroads -----	37 59 07.4	93 59 28.3	(3,987)
T. 37 N., R. 28 W., E. sixteenth cor. between secs. 11 and 14 -----	37 59 06.0	93 58 22.6	5,261
T. 37 N., R. 28 W., center of NW 1/4 sec. 13, T-rd. N. -----	37 58 51.9	93 57 50.2	2,959
T. 37 N., R. 28 W., N. sixteenth cor. sec. 13, T-rd. W. -----	37 58 51.1	93 57 34.0	1,298

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 37 N., R. 28 W., about 0.1 mi. W. of center of SE 1/4 sec. 13, 670 ft. NW. of bridge over Clear Creek, 55 ft. S. of rd. forks, 23 ft. W. of rd., 3 ft. N. and 2 ft. W. from fence corner, in concrete post; standard tablet stamped "T T 56 B 1933" -----	37 58 22.94	93 57 25.27	2,930
Clear Creek, center of bridge over -----	37 58 18.0	93 57 20.2	642
T. 37 N., Rs. 27 and 28 W., approximate cor. secs. 13, 18, 19, and 24, stone in line with rd. E. at T-fence W. -----	37 58 11.2	93 57 03.7	1,489
Crossroads -----	37 58 10.6	93 56 48.1	1,246
T-rd. N. -----	37 57 44.6	93 56 49.6	2,640
T. 37 N., R. 27 W., E. sixteenth cor. sec. 19, T-rd. S. -----	37 57 43.5	93 56 16.5	2,650
T. 37 N., R. 27 W., center sec. 20, crossroads --	37 57 41.8	93 55 27.4	3,935
T. 37 N., R. 27 W., center sec. 21, 19 ft. S. and 41 ft. E. from T-rd. S., 1 ft. S. and 19 ft. E. from fence corner, in concrete post; standard tablet stamped "T T 57 B 1933" -----	37 57 39.55	93 54 21.26	5,305
T. 37 N., R. 27 W., quarter cor. between secs. 21 and 22, T-rd. N. -----	37 57 38.9	93 53 48.8	2,600
Center of bridge -----	37 57 38.0	93 53 21.4	2,200
T. 37 N., R. 27 W., quarter cor. between secs. 22 and 23, crossroads -----	37 57 37.2	93 52 42.6	3,109
T. 37 N., R. 27 W., quarter cor. between secs. 23 and 24, 65 ft. S. and 25 ft. W. from T-rd. S., in concrete post; standard tablet stamped "T T 61 B 1933" -----	37 57 34.32	93 51 37.94	5,183
Center of bridge -----	37 57 33.0	93 50 37.6	4,835
T. 37 N., R. 26 W., center sec. 19, T-rd. S. ----	37 57 31.9	93 49 57.6	3,209
Center of bridge -----	37 57 31.7	93 49 47.7	787
Crossroad on line between secs. 17 and 20, T. 37 N., R. 26 W. -----	37 57 56.7	93 49 17.2	3,512
Junction of rd. N. -----	37 58 21.4	93 48 35.3	4,191
T. 37 N., R. 26 W., quarter cor. between secs. 16 and 17, on State Highway 82, 40 ft. N. and 60 ft. E. from junction of rd. S., in concrete post; standard tablet stamped "T T 62 B 1933" -	37 58 21.23	93 48 16.39	1,513
T. 37 N., R. 26 W., quarter cor. between secs. 15 and 16, crossroad -----	37 58 18.9	93 47 11.3	5,219
Junction of private rd. N. -----	37 58 25.9	93 46 37.4	2,807
T. 37 N., R. 26 W., in NE 1/4 sec. 15, on State Highway 82, 7 ft. S. and 75 ft. E. from N.-S. crossroad, 2 ft. N. of fence, in concrete post; standard tablet stamped "T T 63 B 1933" -----	37 58 33.11	93 46 19.66	1,593
Center of culvert -----	37 58 55.2	93 45 40.0	3,879
Rd. junction -----	37 59 13.2	93 45 17.6	2,554

(Continued in Humansville quadrangle; see line 1.)

3. FROM WALKER QUADRANGLE AT SEC. 34, T. 35 N., R. 28 W., EAST TO SEC. 22, T. 35 N., R. 27 W. (by W. V. Kennedy in 1934)
(Continued from Walker quadrangle; see line 6.)

T. 35 N., R. 28 W., W. sixteenth cor. on S. line sec. 35, 29 ft. N. and 18 ft. W. from T-rd. N., in concrete post; standard tablet stamped "127 C W A 1934" -----	37 45 12.47	93 59 43.47	(2,480)
(For balance in Stockton quadrangle, see line 7.)			
T. 34 N., Rs. 27 and 28 W., N. cor. secs. 1 and 6 -----	37 45 05.3	93 56 23.0	(4,418)
T. 35 N., R. 27 W., in SE 1/4 SW 1/4 sec. 32, on State Highway 64, 96 ft. S. and 23 ft. W. from junction of rd. S., 5 ft. N. of fence corner, in concrete post; standard tablet stamped "140 C W A 1934" -----	37 45 09.58	93 56 12.29	964
T. 35 N., R. 27 W., S. quarter cor. sec. 32, sandstone rock -----	37 45 05.2	93 56 08.4	539
State Highway 64 at rd. E. -----	37 45 04.8	93 55 52.6	1,274
T. 34 N., R. 27 W., N. cor. secs. 5 and 6, T-rd. S. -----	37 45 03.7	93 55 20.8	2,550
T. 35 N., R. 27 W., S. quarter cor. sec. 33, rd. at fence N. -----	37 45 03.3	93 55 02.1	1,509
Horse Creek, center of ford across -----	37 45 02.8	93 54 26.9	2,826
Rd. at fence E. -----	37 45 28.4	93 54 27.7	2,590
Rd. at fences E. and W. -----	37 45 54.5	93 54 26.6	2,640
T-rd. E. -----	37 46 19.9	93 54 25.5	2,668
T. 35 N., R. 27 W., cor. secs. 21, 22, 27, and 28, sandstone rock at T-rd. S. and fence N. ---	37 46 46.6	93 54 24.2	2,708
T. 35 N., R. 27 W., W. sixteenth cor. between secs. 22 and 27, 28 ft. S. and 16 ft. E. from T-rd. N., 12 ft. S. and 8 ft. W. from fence corner, in concrete post; standard tablet stamped "507 C W A 1934" -----	37 46 45.81	93 54 07.38	1,350

Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	Feet
4. FROM WALKER QUADRANGLE NORTHEAST ALONG STATE HIGHWAY 82 TO TIFFIN, THENCE NORTHWEST ALONG ROADS TO SEC. 13, T. 37 N., R. 28 W. (by C. E. Wyrick in 1934) (Continued from Walker quadrangle; see line 8.)							
Junction of rd. E. -----	37	54	20.4	93	59	17.2	(3,506)
Crossroad -----	37	54	31.3	93	58	53.6	2,193
Junction of old rd. S. -----	37	55	11.4	93	58	27.9	4,546
Eldorado Springs, 5.1 mi. NE. of, 0.2 mi. SW. of concrete bridge over Clear Creek, 20 ft. W. of farm entrance S., 15 ft. S. of highway, in head wall of concrete culvert; standard tablet stamped "T T 1134 W 1934" -----	37	55	24.15	93	58	19.55	1,457
Little Clear Creek, center of bridge over -----	37	55	36.5	93	58	01.8	1,889
Crossroad -----	37	55	48.3	93	57	43.9	1,873
Crossroad on line between secs. 31 and 36, T. 37 N., Rs. 27 and 28 W. -----	37	56	19.4	93	57	09.2	4,196
Highway at fences E. and W. -----	37	56	52.1	93	56	47.7	3,732
Tiffin, 134 ft. N. and 21 ft. E. from N.-S. crossroad, 44 ft. N. of NW. corner of filling sta., in concrete post; standard tablet stamped "T T 1135 W 1934" -----	37	57	18.72	93	56	17.63	3,612
T-rd. S. (previously described) -----	37	57	43.5	93	56	16.5	2,510

5. FROM WALKER QUADRANGLE NORTHEAST ALONG U.S. HIGHWAY 54 INTO HUMANSVILLE QUADRANGLE (by C. E. Wyrick in 1934)
(Continued from Walker quadrangle; see line 9.)

Junction of rd. N. -----	37	51	44.8	93	59	33.7	(2,957)
T. 36 N., R. 28 W., center sec. 26, highway at fences N. and S. -----	37	51	42.5	93	59	04.2	2,374
Junction of rd. S. -----	37	51	41.3	93	58	31.6	2,620
Eldorado Springs, 3.5 mi. E. of, 40 ft. S. and 22 ft. E. from junction of rd. N., in concrete post; standard tablet stamped "T T 1136 W 1934" -----	37	51	38.52	93	57	24.72	5,371
T. 36 N., R. 27 W., center sec. 30, highway at fence N. -----	37	51	37.9	93	56	52.1	2,619
Crossroad -----	37	51	39.5	93	56	19.1	2,648
Highway at hedge fence N. -----	37	51	49.5	93	55	45.6	2,868
Crossroad -----	37	51	59.3	93	55	12.3	2,852
Junction of rd. S. -----	37	52	00.0	93	54	39.1	2,563
Eldorado Springs, 6.5 mi. E. of, about 200 ft. N. of cor. secs. 21, 22, 27, and 28, T. 36 N., R. 27 W., 41 ft. S. of highway, 56 ft. W. of N.-S. rd., 39 ft. W. of fence corner, in concrete post; standard tablet stamped "T T 1137 W 1934" -----	37	52	01.22	93	54	06.82	2,592
Crossroad -----	37	52	11.6	93	53	36.3	2,663
Crossroad, 40 ft. N. and 250 ft. E. from junction of rd. NW. -----	37	52	23.9	93	52	58.1	3,304
Highway at fences N. and S. -----	37	52	28.4	93	52	24.6	2,728
T. 36 N., R. 27 W., near W. sixteenth cor. between secs. 13 and 24, 49 ft. N. of U.S. Highway 54, 74 ft. W. of N.-S. rd., 63 ft. W. of fence corner, in concrete post; standard tablet stamped "T T 1138 W 1934" -----	37	52	47.09	93	51	34.91	4,409
Highway at triangular-blazed 24-in. white-oak tree on line between secs. 13 and 18, T. 36 N., Rs. 26 and 27 W. -----	37	52	51.6	93	50	45.7	3,975
T. 36 N., R. 26 W., center sec. 18, crossroad -----	37	53	05.4	93	50	10.8	3,129
Junction of farm entrance N. -----	37	53	24.0	93	49	48.9	2,573
T. 36 N., R. 26 W., E. sixteenth cor. between secs. 8 and 17, stone at fence corner, 83 ft. N. of highway -----	37	53	33.0	93	48	46.8	5,058
T. 36 N., R. 26 W., near cor. secs. 8, 9, 16, and 17, 15 ft. N. and 190 ft. W. from junction of rd. N. on Cedar-St. Clair county line, in downstream head wall of concrete culvert over Varnall Branch; standard tablet stamped "T T 1139 W 1934" -----	37	53	33.60	93	48	33.24	1,098
Junction of rd. NW. -----	37	53	37.6	93	47	57.6	2,875
Highway at fence S. -----	37	53	41.9	93	47	24.8	2,672
Highway at fences N. and S. -----	37	53	48.1	93	46	51.4	2,747
T. 36 N., R. 26 W., center of SE 1/4 sec. 10, limestone rock 6 in. below surface of ground, 1 ft. S. and 3 ft. W. from gatepost -----	37	53	42.8	93	46	35.0	1,421
Junction of rd. N. -----	37	53	50.0	93	46	31.1	797
T. 36 N., R. 26 W., S. sixteenth cor. between secs. 10 and 11, stone at fence corner -----	37	53	42.2	93	46	18.7	1,270
Highway at fences N. and S. -----	37	53	40.4	93	45	45.8	2,645
T. 36 N., R. 26 W., near center of SW 1/4 sec. 12, 15 ft. N. of highway, in NW. concrete abutment wall of bridge over Sac River; standard tablet stamped "T T 1140 W 1934" -----	37	53	48.04	93	45	06.87	3,214

(Continued in Humansville quadrangle; see line 5.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
6. FROM SEC. 24, T. 37 N., R. 27 W., SOUTH TO SEC. 30, T. 35 N., R. 26 W., THENCE NORTHEAST TO SEC. 12, T. 35 N., R. 26 W. (by C. E. Wyrick in 1934)			
T T 61 B 1933 (previously described) -----	37 57 34.32	93 51 37.94	.....
T. 37 N., R. 27 W., cor. secs. 23, 24, 25, and 26, State Highway 82 at crossroad -----	37 57 08.9	93 51 38.9	2,568
T-rd. E. -----	37 56 29.8	93 51 40.7	3,960
T-rd. W. -----	37 56 16.9	93 51 41.4	1,310
Crossroads -----	37 55 50.8	93 51 42.6	2,640
T. 37 N., R. 27 W., S. cor. secs. 35 and 36, rd. corner from N.-E., 225 ft. W. of N. cor. secs. 1 and 2, T. 36 N., R. 27 W. -----	37 55 24.8	93 51 44.0	2,635
Rd. at fences E. and W. -----	37 54 57.4	93 51 42.6	2,770
T. 36 N., R. 27 W., near S. sixteenth cor. be- tween secs. 1 and 2, 28 ft. E. of rd., 14 ft. E. of NW. corner of barnyard on property of C. T. Keeton, in concrete post; standard tab- let stamped "T T 1141 W 1934" -----	37 54 44.35	93 51 42.91	1,321
T-rd. E. at fence W. -----	37 54 05.5	93 51 45.5	3,939
T. 36 N., R. 27 W., cor. secs. 11, 12, 13, and 14, T-rd. N. on Cedar-St. Clair county line ---	37 53 39.8	93 51 47.2	2,595
T T 1136 W 1934 (previously described) -----	37 52 47.09	93 51 34.91	5,427
T-rd. N. -----	37 52 20.8	93 51 35.0	2,659
Rd. at fence W. -----	37 51 53.4	93 51 47.7	2,949
T. 36 N., R. 27 W., quarter cor. between secs. 25 and 26, stone. -----	37 51 29.3	93 51 55.4	2,518
T-rd. E. -----	37 51 07.6	93 51 55.5	2,197
T. 36 N., R. 27 W., quarter cor. between secs. 26 and 35, buried stone at T-rd. S. -----	37 51 04.2	93 52 30.0	2,786
T. 36 N., R. 27 W., about 700 ft. S. of quarter cor. between secs. 26 and 35, on property of W. E. Hackleman, 42 ft. E. of rd., 19 ft. E. of fence corner, 3 ft. S. of wooden fence at NW. corner of barnyard, in concrete post; standard tablet stamped "T T 1142 W 1934" -----	37 50 57.15	93 52 30.02	718
T-rd. E. -----	37 50 38.3	93 52 31.7	1,916
T. 35 N., R. 27 W., N. quarter cor. sec. 2, stone, 115 ft. W. of S. quarter cor. sec. 35, T. 36 N., R. 27 W. -----	37 50 12.4	93 52 34.9	2,629
Rd. fork N. -----	37 49 45.8	93 52 31.3	2,699
Rd. at fence S. -----	37 49 44.6	93 52 02.2	2,340
Rd. at fences N. and S. -----	37 49 43.8	93 51 28.9	2,670
T. 35 N., Rs. 26 and 27 W., quarter cor. between secs. 1 and 6, 61 ft. N. and 24 ft. W. from T-rd. W., 20 ft. N. of fence corner, in concrete post; standard tablet stamped "T T 1143 W 1934" -----	37 49 43.59	93 50 55.84	2,653
T. 35 N., Rs. 26 and 27 W., approximate cor. secs. 1, 6, 7, and 12, crossroads -----	37 49 17.1	93 50 56.8	2,681
T-rd. E. -----	37 48 51.0	93 50 58.3	2,641
Rd. fork W. -----	37 47 58.6	93 51 00.9	5,300
T. 35 N., Rs. 26 and 27 W., cor. secs. 13, 18, 19, and 24, 26 ft. S. and 33 ft. E. from T-rd. E., 20 ft. NE. of fence corner, in concrete post; standard tablet stamped "T T 1144 W 1934" -----	37 47 32.13	93 51 01.85	2,683
T-rd. S. -----	37 47 31.6	93 50 28.9	2,649
County Route N at crossroad -----	37 47 31.1	93 50 12.5	1,315
T. 35 N., R. 26 W., E. sixteenth cor. sec. 19, County Route N at fences E. and W. -----	37 47 04.9	93 50 13.8	2,649
County Route N at rd. W. -----	37 46 38.8	93 50 15.1	2,650
T. 35 N., R. 26 W., center of NE 1/4 sec. 30, 32 ft. E. of County Route D, 48 ft. S. of rd. E., in concrete post; standard tablet stamped "506 C W A 1934" -----	37 46 25.27	93 50 15.44	1,364
Rd. at fence S. -----	37 46 25.2	93 49 57.6	1,437
Rd. at fence N. -----	37 46 23.8	93 49 26.5	2,501
T-rd. E. -----	37 46 24.5	93 48 53.8	2,621
T. 35 N., R. 26 W., cor. secs. 20, 21, 28, and 29, rd. at garden fence W. -----	37 46 35.7	93 48 53.3	1,141
Rd. at fence E. -----	37 47 01.7	93 48 52.1	2,630
Rd. fork S. -----	37 47 28.4	93 48 50.6	2,700
Caplinger Mills, 0.5 mi. W. of, along County Route N, about 0.2 mi. N. of cor. secs. 16, 17, 20, and 21, T. 35 N., R. 26 W., 50 ft. S. and 40 ft. E. from dim crossroad, in concrete post; standard tablet stamped "505 C W A 1934" -----	37 47 36.17	93 48 47.33	834
Sac River, E. end of bridge over -----	37 47 39.4	93 48 00.6	3,767
Junction of private rd. S. -----	37 47 38.3	93 47 09.8	4,077
T-rd. E. -----	37 48 03.6	93 46 51.8	2,942
T-rd. S. -----	37 48 29.8	93 46 50.0	2,661
Rd. corner from W.-N. -----	37 48 28.4	93 46 17.1	2,650
Rd. at fence N. -----	37 48 34.4	93 46 00.3	1,479
T T 71 B 1933 (previously described) -----	37 48 34.13	93 45 09.91	4,043

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
7. FROM SEC. 30, T. 35 N., R. 26 W., WEST TO SEC. 22, T. 35 N., R. 27 W. (by C. E. Wyrick in 1934)			
506 C W A 1934 (previously described) -----	37 46 25.27	93 50 15.44	.....
T. 35 N., R. 26 W., center sec. 30, rd. at old hedge fence S. -----	37 46 12.9	93 50 33.0	1,887
T. 35 N., Rs. 26 and 27 W., approximate quarter cor. between secs. 25 and 30, crossroads -----	37 46 14.3	93 51 06.3	2,679
Crossroads -----	37 46 15.7	93 51 55.9	3,991
Rd. at fences N. and S. -----	37 46 17.4	93 52 45.9	4,019
Cedar Creek, center of bridge over -----	37 46 27.8	93 53 08.5	2,101
Rd. fork W. -----	37 46 44.5	93 53 17.8	1,852
507 C W A 1934 (previously described) -----	37 46 45.81	93 54 07.38	3,983

8. FROM WALKER QUADRANGLE EAST ALONG STATE HIGHWAY 64 TO SEC. 32, T. 35 N.,
R. 27 W. (by C. E. Wyrick in 1934)
(Continued from Walker quadrangle; see line 10.)

T. 35 N., R. 28 W., cor. secs. 26, 27, 34, and 35, junction of rd. N. -----	37	46	04.8	93	59	56.6	(2,650)
Junction of private rd. S. -----	37	46	03.7	93	59	23.7	2,641
U.S.C. and G.S. standard disk stamped "K 24 1934" -----	37	46	03.40	93	59	07.44	1,306
T. 35 N., R. 28 W., cor. secs. 25, 26, 35, and 36, crossroad -----	37	46	02.5	93	58	50.4	1,367
Highway at hedge fence N. -----	37	46	02.0	93	58	34.0	1,321
Highway at fence S. -----	37	46	01.0	93	58	00.6	2,680
T. 35 N., Rs. 27 and 28 W., approximate cor. secs. 25, 30, 31, and 36, old T-rd. -----	37	46	00.5	93	57	44.6	1,291
Highway at fences N. and S. -----	37	45	39.1	93	57	12.9	3,340
U.S.C. & G.S. standard disk stamped "J 24 1934" -----	37	45	33.45	93	57	05.46	825
Crossroad -----	37	45	32.3	93	56	40.2	2,028
440 C W A 1934 (previously described) -----	37	45	09.58	93	56	12.29	3,215

9. FROM STOCKTON QUADRANGLE AT SEC. 4, T. 34 N., R. 27 W., NORTH TO SEC. 22,
T. 35 N., R. 27 W. (by C. E. Wyrick in 1934)
(Continued from Stockton quadrangle; see line 9.)

T. 35 N., R. 27 W., S. cor. secs. 34 and 35, T-rd. N. -----	37	45	00.3	93	53	22.6	(1,462)
T-rd. W. -----	37	45	26.2	93	53	21.4	2,621
Horse Creek, center of ford across -----	37	45	46.9	93	53	11.5	2,235
Rd. at fences E. and W. -----	37	46	17.9	93	53	19.1	3,198
507 C W A 1934 (previously described) -----	37	46	45.81	93	54	07.38	4,793

10. FROM SEC. 24, T. 37 N., R. 27 W., NORTH INTO DEEPWATER QUADRANGLE AT
SEC. 1, T. 37 N., R. 27 W. (by C. D. Craig in 1934)

T. 61 B 1933 (previously described) -----	37	57	34.32	93	51	37.94	.....
T. 37 N., R. 27 W., cor. secs. 13, 14, 23, and 24, T-fence S. -----	37	58	01.1	93	51	36.3	2,710
T-rd. E. -----	37	58	14.6	93	51	52.0	1,860
T-rd. S. at schoolhouse -----	37	58	54.0	93	51	50.1	3,990
Rd. forks -----	37	58	54.1	93	51	18.0	2,565
Rd. at fences E. and W. -----	37	59	18.9	93	51	16.2	2,510
Monegaw Springs, 2.5 mi. S. and 0.5 mi. W. from, W. sixteenth cor. between secs. 1 and 12, T. 37 N., R. 27 W., 15 ft. N. of T-rd. S., in con- crete post; standard tablet stamped "T T 606 C W A 1934" -----	37	59	45.34	93	51	14.69	2,680
T-rd. W. -----	37	59	44.1	93	50	41.2	2,680
Rd. at fence E. (in Deepwater quadrangle) -----	38	00	10.3	93	50	40.5	2,640

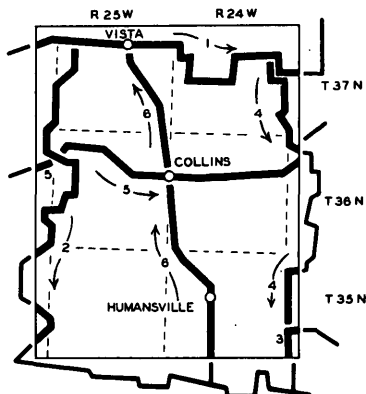
11. FROM WALKER QUADRANGLE AT SEC. 10, T. 37 N., R. 28 W., NORTH INTO
DEEPWATER QUADRANGLE AT SEC. 3, T. 37 N., R. 28 W. (by W. A. Wheeler
in 1934)
(Continued from Walker quadrangle; see line 11.)

T. 37 N., R. 28 W., quarter cor. between secs. 3 and 10, T-rd. W. -----	37	59	59.9	93	59	42.3	(2,630)
Taberville, crossroads at (in Deepwater quadran- gle) -----	38	00	26.1	93	59	40.5	2,650

Magnetic declination 7° 53' E.

HUMANSVILLE QUADRANGLE
(Latitude 37°45'-38°00'; longitude 93°30'-93°45')

Cedar, Hickory, Polk, and St. Clair Counties



1. FROM PLEASANT VIEW QUADRANGLE NORTHEAST ALONG STATE HIGHWAY 82 TO SEC. 1, T. 37 N., R. 26 W., THENCE EAST ALONG ROADS INTO HERMITAGE QUADRANGLE AT SEC. 18, T. 37 N., R. 23 W. (by W. R. Broadus in 1933)
(Continued from Pleasant View quadrangle; see line 2.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. junction -----	37 59 16.4	93 44 46.2	(2,536)
T. 37 N., R. 26 W., near center of SE 1/4 sec. 1, on State Highway 82, 3 ft. N. and 45 ft. E. from N. end of bridge over Sac River, 110 ft. S. and 45 ft. E. from junction of rd. E., in limestone ledge; standard tablet stamped "T T 64 B 1933" -----	37 59 46.16	93 44 01.26	4,687
Rd. at fences N. and S. -----	37 59 47.0	93 43 16.0	3,621
Rd. at fence N. -----	37 59 41.8	93 42 57.0	1,611
Rd. in front of dwelling N. of rd. -----	37 59 41.6	93 42 48.3	700
Bradford School, about 0.5 mi. N. of, quarter cor. between secs. 5 and 8, T. 37 N., R. 25 W., 22 ft. S. and 33 ft. W. from T-rd. S., in concrete post; standard tablet stamped "T T 65 B 1933" -----	37 59 27.73	93 42 14.58	3,038
T-rd. N. -----	37 59 27.1	93 41 27.4	3,775
T. 37 N., R. 25 W., quarter cor. between secs. 4 and 9, T-rd. S. -----	37 59 26.6	93 41 07.6	1,590
Vista, State Highway 13 at main street intersection -----	37 59 19.3	93 39 53.8	5,956
Vista, crossroads at NE. limits of -----	37 59 24.5	93 39 44.4	914
T. 37 N., R. 25 W., cor. secs. 2, 3, 10, and 11, rd. at fences N. and S. -----	37 59 24.2	93 39 27.4	1,360
Vista, 0.5 mi. E. of, 590 ft. E. of cor. secs. 2, 3, 10, and 11, T. 37 N., R. 25 W., 200 ft. W. of crossing of old St. Louis-San Francisco Ry. grade, 35 ft. N. of rd., 17 ft. N. of fence, 40 ft. NW. of 12-in. cedar tree, in ledge; standard tablet stamped "T T 87 B 1933 868" --	37 59 24.31	93 39 20.02	594
Rd. at crossing of small creek -----	37 59 21.7	93 37 48.1	7,361
Crossroads (?) -----	37 59 19.7	93 36 36.0	5,774
Center of bridge over creek -----	37 59 07.5	93 36 37.2	1,236
Gerster, 3 mi. NW. of, in SE 1/4 sec. 7, T. 37 N., R. 24 W., 0.3 mi. SE. of Weaubleau River, in front of farmhouse of J. F. Miller, 40 ft. W. of rd., 4 ft. N. of gate, in concrete post; standard tablet stamped "T T 88 B 1933" -----	37 58 52.70	93 36 35.15	1,502
Rd. forks -----	37 58 35.2	93 36 19.0	2,194
Rd. forks -----	37 57 59.6	93 35 33.5	5,119
Rd. forks at Crossroads School -----	37 57 49.1	93 35 23.2	1,343
Rd. at fences E. and W. on line between secs. 17 and 20, T. 37 N., R. 24 W. -----	37 57 32.7	93 35 21.2	1,662
Rd. at fences N. and S. on line between secs. 20 and 21, T. 37 N., R. 24 W. -----	37 57 26.2	93 34 59.6	1,853
Gerster, about 0.2 mi. N. of business district, 30 ft. S. and 35 ft. W. from junction of rd. S., 25 ft. N. and 15 ft. E. from NE. corner of Baptist Church, in concrete post; standard tablet stamped "T T 89 B 1933 859" -----	37 57 23.15	93 34 33.79	2,091
T. 37 N., R. 24 W., cor. secs. 15, 16, 21, and 22, stone in center of rd. corner -----	37 57 29.4	93 33 52.8	3,340

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. corner -----	37 57 47.6	93 33 19.2	3,263
T. 37 N., R. 24 W., center sec. 15, rd. at fence E. -----	37 57 54.6	93 33 18.8	711
T-rd. E., 275 ft. S. of quarter cor. between secs. 10 and 15, T. 37 N., R. 24 W. -----	37 58 18.0	93 33 17.7	2,370
Junction of private rd. S. -----	37 58 20.5	93 33 01.2	1,345
T-rd. S. -----	37 58 33.1	93 32 52.6	1,450
T. 37 N., R. 24 W., center of SW 1/4 sec. 11, T-rd. N. -----	37 58 32.6	93 32 27.6	1,996
T. 37 N., R. 24 W., center of SE 1/4 sec. 11, 120 ft. S. and 20 ft. W. from rd. corner, in line with S. face of Kings Prairie School, in concrete post; standard tablet stamped "T T 90 B 1933 960" -----	37 58 30.72	93 31 54.93	2,626
T-rd. E. -----	37 58 14.5	93 31 55.6	1,640
T. 37 N., R. 24 W., cor. secs. 11, 12, 13, and 14, pile of rocks at T-fence E. -----	37 58 18.5	93 31 39.4	1,361
Intersection of tangents at rd. corner -----	37 58 05.6	93 31 39.6	1,310
Intersection of tangents at rd. corner -----	37 58 04.5	93 31 06.7	2,642
T. 37 N., R. 24 W., center sec. 13, rd. corner Crossroads -----	37 57 53.6	93 31 07.0	1,108
T. 37 N., Rs. 23 and 24 W., approximate S. sixteenth cor. between secs. 13 and 16, rd. at fences N. and S. -----	37 57 37.6	93 30 35.2	1,324
T-rd. S., 35 ft. E. of T-rd. N. -----	37 57 36.8	93 30 05.8	2,360

(Continued in Hermitage quadrangle; see line 1.)

2. FROM SEC. 5, T. 37 N., R. 25 W., SOUTH INTO PLEASANT VIEW QUADRANGLE AT SEC. 25, T. 35 N., R. 26 W. (by W. R. Broadus in 1933)

T T 65 B 1933 (previously described) -----	37 59 27.73	93 42 14.58	.....
T. 37 N., R. 25 W., S. sixteenth cor. between secs. 7 and 8, rd. corner -----	37 58 49.4	93 42 49.2	4,764
T. 37 N., R. 25 W., N. sixteenth cor. between secs. 17 and 18, T-rd. W. -----	37 58 23.4	93 42 50.4	2,634
T. 37 N., R. 25 W., quarter cor. between secs. 17 and 18 -----	37 58 10.2	93 42 51.1	1,337
Coon Creek, center of bridge over -----	37 57 50.0	93 43 21.9	3,202
T. 37 N., R. 25 W., near N. sixteenth cor. sec. 19, 23 ft. N. of rd. W. from rd. corner, 100 ft. W. of rd. N., 3 ft. N. of fence, in concrete post; standard tablet stamped "T T 66 B 1933" -----	37 57 31.94	93 43 26.92	1,876
T. 37 N., R. 25 W., center of NW 1/4 sec. 19, T-rd. E. -----	37 57 32.1	93 43 42.0	1,205
T-rd. S. about 200 ft. SE. of Raney Store -----	37 57 05.9	93 43 40.3	2,659
Rd. corner -----	37 56 42.3	93 43 57.9	2,769
T. 37 N., Rs. 25 and 26 W., approximate quarter cor. between secs. 25 and 30, T-rd. W. -----	37 56 27.9	93 43 58.3	1,461
Tps. 36 and 37 N., Rs. 25 and 26 W., cor. of, 50 ft. N. and 25 ft. W. from T-rd. W., in concrete post; standard tablet stamped "T T 67 B 1933" -----	37 55 09.72	93 44 02.64	7,913
T-rd. E. at schoolhouse -----	37 54 56.1	93 44 03.1	1,381
T. 36 N., Rs. 25 and 26 W., approximate quarter cor. between secs. 1 and 6, T-rd. W. -----	37 54 43.0	93 44 03.9	1,329
T. 36 N., Rs. 25 and 26 W., approximate cor. secs. 1, 6, 7, and 12 -----	37 54 17.1	93 44 05.3	2,623
T. 36 N., R. 25 W., center of NW 1/4 sec. 7, U.S. Highway 54 at crossroad -----	37 54 03.4	93 43 48.8	1,909
U.S. Highway 54 at crossroad -----	37 54 04.3	93 43 15.5	2,676
U.S. Highway 54 at fence S. on line between secs. 7 and 8, T. 36 N., R. 25 W. -----	37 54 14.6	93 42 58.6	1,700
T. 36 N., R. 25 W., quarter cor. between secs. 5 and 8, 45 ft. S. of U.S. Highway 54, 47 ft. E. of rd. S., 27 ft. E. of fence corner, in concrete post; standard tablet stamped "T T 68 B 1933" -----	37 54 13.84	93 42 25.17	2,683
Rd. forks -----	37 53 27.8	93 42 31.2	4,679
T-rd. E. at fence W. on line between secs. 8 and 17, T. 36 N., R. 25 W. -----	37 53 22.1	93 42 33.9	617
T. 36 N., R. 25 W., center of SW 1/4 sec. 17, rd. forks -----	37 52 43.6	93 42 46.2	4,023
Brush Creek, center of bridge over -----	37 52 41.6	93 43 11.4	2,034
Birdsong Store, about 0.2 mi. NE. of, in NW 1/4 NE 1/4 sec. 19, T. 36 N., R. 25 W., 0.5 mi. SW. of bridge over Brush Creek, 290 ft. S. of farmhouse of C. D. Bishop, 15 ft. S. and 18 ft. W. from rd. forks, in concrete post; standard tablet stamped "T T 69 B 1933" -----	37 52 21.46	93 43 29.03	2,477
Rd. forks -----	37 52 03.0	93 43 45.7	2,293
T-rd. E. -----	37 51 53.5	93 43 52.3	1,103
Rd. at fence -----	37 51 49.4	93 43 54.8	453
Rd. at fence N. on line between secs. 19 and 24, T. 36 N., Rs. 25 and 26 W. -----	37 51 41.4	93 44 13.0	1,669

Station	Latitude	Longitude	Distance
Junction of private rd. N. -----	37 51 36.2	93 44 19.8	Feet
Rd. forks -----	37 51 23.3	93 44 47.1	765
T. 36 N., R. 26 W., center sec. 25, rd. at fence E. -----	37 51 15.3	93 44 47.4	810
T. 36 N., R. 26 W., N. sixteenth cor. sec. 36, 45 ft. N. and 42 ft. E. from T-rd. N., 23 ft. N. and 18 ft. E. from fence corner, in sandstone ledge; standard tablet stamped "T T 70 B 1933" -----	37 50 36.57	93 44 48.86	3,924
(For balance in Pleasant View quadrangle, see line 1.)			
County Route J at crossroad -----	37 46 54.0	93 44 46.5	(3,599)
T. 35 N., R. 26 W., E. sixteenth cor. between secs. 24 and 25, County Route J at rd. E. -----	37 46 26.4	93 44 44.0	2,796
(Continued in Pleasant View quadrangle; see line 1.)			

3. FROM HERMITAGE QUADRANGLE AT SEC. 20, T. 35 N., R. 23 W., SOUTH INTO FAIR PLAY QUADRANGLE AT SEC. 31, T. 35 N., R. 23 W. (by C. N. Ackerman in 1934)
(Continued from Hermitage quadrangle; see line 2.)

T. 35 N., R. 23 W., cor. secs. 19, 20, 29, and 30, 30 ft. N. and 35 ft. E. from crossroads, in concrete post; standard tablet stamped "159 C W A 1934" -----	37 46 04.30	93 30 09.69	(2,609)
T. 35 N., R. 23 W., quarter cor. between secs. 29 and 30, rd. at fence E. -----	37 45 38.6	93 30 11.4	2,609
Rd. at fences E. and W. -----	37 45 24.6	93 30 12.2	1,420
(Continued in Fair Play quadrangle; see line 2.)			

4. FROM SEC. 11, T. 37 N., R. 24 W., SOUTH TO SEC. 29, T. 35 N., R. 23 W. (by C. D. Craig in 1934)

T T 90 E 1933 960 (previously described) -----	37 58 30.72	93 31 54.93	.....
T-rd. E. -----	37 58 14.6	93 31 55.6	1,629
Rd. corner from N.-E. -----	37 58 05.5	93 31 39.8	1,569
Rd. corner from N.-E. -----	37 57 53.7	93 31 07.0	2,822
Crossroads -----	37 57 38.1	93 30 51.8	1,993
Rd. at hedge fence N. and rail fence S. on Hickory-St. Clair county line -----	37 57 37.6	93 30 35.2	1,330
Gerster, 5 mi. E. of, along Gerster-Wheatland rd., 8 ft. E. of stone at S. sixteenth cor. sec. 18, T. 37 N., R. 23 W., at crossroads, in SW. corner of yard of T. W. Jennings, in concrete post; standard tablet stamped "T T 558 C W A 1934" -----	37 57 37.09	93 30 05.93	2,344
T. 37 N., R. 23 W., quarter cor. between secs. 18 and 19 -----	37 57 24.2	93 30 06.4	1,300
Crossroads -----	37 56 51.7	93 30 08.6	5,315
Rd. at fence E. -----	37 55 52.8	93 30 26.2	4,186
Rd. at fences E. and W. -----	37 55 27.0	93 30 27.7	2,610
Weaubleau, 3 mi. NE. of, along U.S. Highway 54, thence 1.5 mi. NW. along rd., in NW 1/4 sec. 31, T. 37 N., R. 23 W., 2 ft. SE. of SE. corner of garden of C. P. Coffey, 15 ft. W. of rd., in concrete post; standard tablet stamped "T T 559 C W A 1934" -----	37 55 23.70	93 30 29.83	374
Rd. fork W. -----	37 55 04.2	93 30 29.4	1,971
Rd. at fences E. and W. -----	37 54 47.4	93 30 22.9	1,775
(For balance in Hermitage quadrangle, see line 3.)			

Flemington, 1 mi. N. of, quarter cor. between secs. 5 and 6, T. 35 N., R. 23 W., 25 ft. N. and 12 ft. E. from T-rd. S., in concrete post; standard tablet stamped "T T 601 C W A 1934" -----	37 49 07.55	93 30 02.04	(2,686)
T. 35 N., R. 23 W., cor. secs. 5, 6, 7, and 8, T-rd. E. at hedge fence W. -----	37 48 41.1	93 30 03.5	2,680
Flemington, intersection of Main and South Streets -----	37 48 21.4	93 30 04.1	1,991
Crossroads -----	37 47 48.9	93 30 05.6	3,280
Crossroads -----	37 46 56.3	93 30 07.7	5,330
Center of culvert -----	37 46 37.5	93 30 08.6	1,899
159 C W A 1934 (previously described) -----	37 46 04.30	93 30 09.69	3,354

5. FROM PLEASANT VIEW QUADRANGLE EAST ALONG U.S. HIGHWAY 54 INTO HERMITAGE QUADRANGLE (by C. E. Wyrick in 1934)
(Continued from Pleasant View quadrangle; see line 5.)

Junction of private drive S. -----	37 53 55.3	93 44 38.5	(2,386)
Highway at fence N. on line between secs. 7 and 12, T. 36 N., Rs. 25 and 26 W. -----	37 54 02.9	93 44 04.0	2,874

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Crossroad -----	37 54 03.5	93 43 48.8	1,223
Crossroad -----	37 54 04.1	93 43 15.5	2,668
Highway at fences N. and S., 85 ft. S. and 24 ft. W. from junction of rd. W. -----	37 54 14.6	93 42 58.5	1,724
T T 68 B 1933 (previously described) -----	37 54 13.84	93 42 25.17	2,675
T. 36 N., R. 25 W., cor. secs. 4, 5, 8, and 9, junction of rd. N. -----	37 54 13.3	93 41 52.8	2,596
Highway at fences N. and S. -----	37 54 12.5	93 41 20.0	2,629
Crossroad -----	37 54 02.2	93 40 47.5	2,803
Junction of rd. S. -----	37 53 39.9	93 40 40.4	2,331
Collins, 2.5 mi. W. of, 37 ft. N. and 65 ft. W. from N.-S. crossroad, 3 ft. N. of fence, in concrete post; standard tablet stamped "T T 1151 W 1934" -----	37 53 31.34	93 39 44.81	4,542
Old crossroad -----	37 53 30.2	93 39 11.4	2,678
T. 36 N., R. 25 W., S. sixteenth cor. between secs. 11 and 12, crossroad -----	37 53 29.5	93 38 38.5	2,640
Junction of farm entrance -----	37 53 28.8	93 37 59.7	3,111
U.S.C. & G.S. standard disk stamped "P 22 1934"* -----	37 53 27.64	93 37 24.80	2,800
Crossroad -----	37 53 27.6	93 36 55.8	2,327
Highway at fences N. and S. -----	37 53 27.1	93 36 22.7	2,650
Junction of farm entrance N. -----	37 53 30.9	93 35 50.3	2,628
Highway at fence N. -----	37 53 24.7	93 35 16.5	2,778
Junction of old rd. N. -----	37 53 24.0	93 34 43.5	2,650
Weaubleau, 1.5 mi. W. of, 30 ft. S. and 30 ft. W. from highway at Hickory-St. Clair county-line sign, in NE. corner of garden on Selring property, in concrete post; standard tablet stamped "T T 1152 W 1934" -----	37 53 23.06	93 34 11.15	2,593
T. 36 N., R. 24 W., center sec. 10, junction of rd. N. -----	37 53 35.3	93 33 37.5	2,967
Crossroad -----	37 53 34.5	93 33 04.6	2,640
Weaubleau, main line of St. Louis-San Francisco Ry. at highway crossing -----	37 53 26.2	93 32 10.4	4,423
Weaubleau, 1.3 mi. E. of, 27 ft. S. and 58 ft. E. from junction of rd. N., 70 ft. E. of fence corner, in concrete post; standard tablet stamped "T T 1153 W 1934" -----	37 53 35.48	93 31 21.65	4,020
Junction of rd. S. on line between secs. 7 and 12, T. 36 N., Rs. 23 and 24 W. -----	37 53 43.3	93 30 48.3	2,789
Highway at fences E. and W. -----	37 53 55.8	93 30 32.0	1,821
T T 602 C W A 1934 (In Hermitage quadrangle; see line 3.) -----	37 54 27.74	93 29 59.53	4,485

6. FROM FAIR PLAY QUADRANGLE NORTH ALONG ST. LOUIS-SAN FRANCISCO RAILWAY TO VISTA (by J. W. Fothergill in 1935)
(Continued from Fair Play quadrangle; see line 6.)

R.R. at abandoned lane W. and fence E. -----	37 45 19.9	93 34 57.7	(2,612)
R.R. at fence W. -----	37 45 46.2	93 34 58.2	2,660
U.S.C. & G.S. standard disk stamped "U 22 1934" -----	37 46 11.73	93 34 58.11	2,583
R.R. at fences E. and W. -----	37 46 38.7	93 34 59.2	2,733
Brush Creek, S. end of bridge over -----	37 47 14.4	93 34 59.9	3,604
U.S.C. & G.S. standard disk stamped "T 22 1934" -----	37 47 40.63	93 35 02.13	2,663
Humansville, ball at top of municipal water tank -----	37 47 11.4	93 34 44.8	1,632
R.R. at fences N. and S. -----	37 48 00.3	93 35 24.1	2,662
R.R. at rd. crossing -----	37 48 22.3	93 35 53.6	3,241
U.S.C. & G.S. standard disk stamped "S 22 1934" -----	37 48 53.33	93 36 33.80	4,505
R.R. at fences E. and W. -----	37 49 19.7	93 36 49.5	2,949
R.R. at fences E. and W. on Polk-St. Clair county line (position doubtful) -----	37 49 40.9	93 37 01.3	2,342
R.R. at fences E. and W. -----	37 50 11.0	93 37 06.7	3,080
S. end of bridge over creek -----	37 50 27.2	93 37 08.2	1,641
U.S.C. & G.S. standard disk stamped "R 22 1934" -----	37 50 37.33	93 37 09.80	1,035
R.R. at rd. crossing -----	37 51 03.6	93 37 11.8	2,659
R.R. at fences E. and W. -----	37 51 29.8	93 37 14.3	2,661
U.S.C. & G.S. standard disk stamped "Q 22 1934" -----	37 51 36.04	93 37 14.51	632
R.R. at fences E. and W. -----	37 52 07.8	93 37 18.0	3,219
R.R. at rd. crossing -----	37 52 22.2	93 37 19.4	1,470
R.R. at hedge fence W. and fence E. -----	37 52 48.6	93 37 21.9	2,670
Collins, at S. edge of, R.R. at rd. crossing -----	37 53 14.9	93 37 24.5	2,691
P 22 1934 (previously described) -----	37 53 27.64	93 37 28.80	1,271
R.R. at fence E. -----	37 53 54.1	93 37 28.2	2,692
R.R. at fence W. -----	37 54 07.1	93 37 29.4	1,315
U.S.C. & G.S. standard disk stamped "N 22 1934" -----	37 54 33.51	93 37 32.52	2,687
R.R. at fence E. -----	37 54 59.4	93 37 34.4	2,628
R.R. at crossing of State Highway 13 -----	37 55 25.6	93 37 36.9	2,655
U.S.C. & G.S. standard disk stamped "M 22 1934" -----	37 55 58.49	93 37 40.16	3,335
R.R. at fences E. and W. -----	37 56 31.5	93 37 51.5	3,457
R.R. at rd. crossing -----	37 56 58.5	93 38 25.0	3,826
R.R. at fence E. -----	37 57 25.0	93 38 36.7	2,841
U.S.C. & G.S. standard disk stamped "L 22 1934" -----	37 57 38.58	93 38 37.40	1,376
R.R. at fence E. -----	37 58 04.6	93 38 50.7	2,845
R.R. at fences E. and W. -----	37 58 31.2	93 39 08.1	3,029

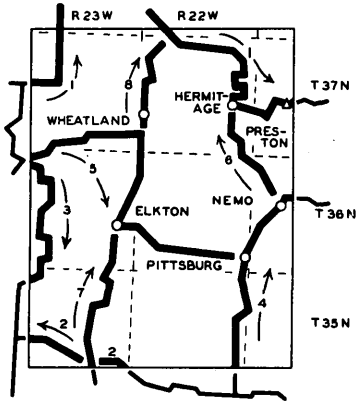
* Monument reset by David Soper, Jan. 17, 1938. New position unknown.

Station	Latitude	Longitude	Distance
U.S.C. & G.S. standard disk stamped "K 22 1934"-	37 58 57.62	93 39 24.73	Feet 2,981
T. 37 N., R. 25 W., E. sixteenth cor. between			
secs. 3 and 10, County Route T at rd. N. -----	37 59 24.5	93 39 44.2	3,137
T 87 B 1933 868 (previously described) -----	37 59 24.31	93 39 20.02	1,938

Magnetic declination 7° 47' E.

HERMITAGE QUADRANGLE
(Latitude 37°45'-38°00'; longitude 93°15'-93°30')

Hickory and Polk Counties



1. FROM HUMANSVILLE QUADRANGLE AT SEC. 18, T. 37 N., R. 23 W., EAST AND NORTH TO QUINCY, THENCE SOUTHEAST TO HERMITAGE, THENCE EAST ALONG U.S. HIGHWAY 54 TO SEC. 21, T. 37 N., R. 21 W. (by W. R. Broadus in 1933)

(Continued from Humansville quadrangle; see line 1.)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Fairview Church, in SW 1/4 sec. 17, T. 37 N., R. 23 W., 25 ft. N. and 192 ft. W. from T-rd. N., 32 ft. S. and 135 ft. W. from church, 32 ft. S. and 107 ft. E. from Fairview School, in concrete post; standard tablet stamped "T 91 B 1933 1009" -----	37 57 36.09	93 29 27.48	(3,069)
T. 37 N., R. 23 W., cor. secs. 16, 17, 20, and 21, State Highway 83 at crossroad -----	37 57 20.6	93 28 27.7	5,036
T. 37 N., R. 23 W., quarter cor. between secs. 16 and 17, State Highway 83 at fences E. and W. --	37 57 46.9	93 28 26.4	2,656
T. 37 N., R. 23 W., cor. secs. 8, 9, 16, and 17, State Highway 83 at rd. E. -----	37 58 13.1	93 28 25.2	2,650
T. 37 N., R. 23 W., approximate N. sixteenth cor. between secs. 8 and 9, 895 ft. S. of concrete bridge over Nogles Creek, 22 ft. S. and 30 ft. W. from State Highway 83 at private rd. W. through gate, in concrete post; standard tablet stamped "T 92 B 1933 950" -----	37 58 51.70 37 59 31.2	93 28 24.22 93 28 06.0	3,909 4,253
State Highway 83 at fence E. on line between secs. 4 and 33, Tps. 37 and 38 N., R. 23 W. ---	37 59 57.1	93 28 07.0	2,620
Quincy, State Highway 83 at rd. E., 1,000 ft. S. of post office (in Fristoe quadrangle) -----	38 00 23.4 38 00 00.8	93 28 16.6 93 23 01.8	2,764
Rd. at fences E. and W. (in Fristoe quadrangle) - T-rd. N. -----	37 59 47.8	93 23 02.6	1,320
Tps. 37 and 38 N., R. 22 W., cor. secs. 5, 6, 31, and 32, 800 ft. W. of rd. at N.-S. fence, 32 ft. S. and 35 ft. W. from crossroads, in concrete post; standard tablet stamped "T 95 B 1933 1014" -----	37 59 47.29	93 22 55.94	536
Tps. 37 and 38 N., R. 22 W., approximate W. sixteenth cor. between secs. 5 and 32, T-rd. S. near Macedonia Church -----	37 59 46.9	93 22 29.4	2,120
Center of bridge over creek at rd. corner from N.-E. -----	37 59 10.1	93 22 31.2	3,723

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 37 N., R. 22 W., S. sixteenth cor. sec. 5, T-rd. S. -----	37 59 09.4	93 22 15.0	1,299
Rd. at fence S. on line between secs. 4 and 5, T. 37 N., R. 22 W. -----	37 59 08.0	93 21 42.1	2,640
T. 37 N., R. 22 W., about 240 ft. W. of S. six- teenth cor. sec. 4, 28 ft. S. and 5 ft. W. from rd. fork W., in concrete post; standard tablet stamped "T T 96 B 1933 1034" -----	37 59 07.01	93 21 12.88	2,339
Rd. at fence S. -----	37 59 16.2	93 20 35.9	3,102
Rd. fork S., 4 ft. W. of fence N. -----	37 59 19.8	93 19 53.8	3,389
Crossroads, 170 ft. NE. of Hopewell School -----	37 59 18.3	93 19 29.4	1,963
Rd. corner from W.-N. -----	37 59 22.3	93 19 04.3	2,050
T-rd. S. at dim rd. N. -----	37 59 27.5	93 18 39.2	2,074
Pomme de Terre River, center of bridge over -----	37 58 50.5	93 18 41.3	3,743
Hermitage, 3.7 mi. NE. of, along old Cross Timbers-Hermitage rd., 0.8 mi. E. of bridge over Pomme de Terre River, 18 ft. N. of W. junction of rd. to Quincy, in large sandstone outcrop; standard tablet stamped "T T 97 B 1933 924" -----	37 58 37.98	93 17 59.06	3,613
Rd. fork E. -----	37 58 20.1	93 17 53.7	1,855
Rd. fork NE. -----	37 58 08.8	93 17 54.5	1,150
Mill Creek, center of bridge over -----	37 57 53.1	93 18 12.4	2,132
Center of triangle at rd. fork E. through gate -- Clark School, center of E. gable of -----	37 57 28.1	93 18 09.6	2,544
Junction of highway -----	37 57 09.9	93 17 53.8	2,229
Pomme de Terre River, center of bridge over -----	37 56 39.3	93 17 47.2	3,442
Hermitage, 25 ft. N. and 78 ft. E. from NE. corner of courthouse, 100 ft. S. and 45 ft. W. from U.S. Highway 54 at crossroad, in concrete post; standard tablet stamped "T T 98 B 1933 823" -----	37 56 43.8	93 18 35.7	3,913
Junction of highway (previously described) -----	37 56 27.90	93 18 55.38	2,251
Junction of private rd. S. -----	37 56 39.3	93 17 47.2	.....
Junction of private rd. N. -----	37 56 09.0	93 17 04.2	4,603
Junction of rd. S. at fence N. -----	37 56 08.9	93 17 09.7	262
Hermitage, 3.2 mi. E. of, 3 mi. W. of Preston, 75 ft. N. and 85 ft. E. from junction of rd. N., 75 ft. S. of S. gable of Victory School, in concrete post; standard tablet stamped "T T 99 B 1933 974" -----	37 55 59.6	93 16 38.5	2,011
Preston triangulation sta.; U.S.C. & G.S. standard disk stamped "Preston" -----	37 56 04.11	93 16 04.03	2,796
	37 56 15.30	93 15 07.86	4,639

2. FROM BOLIVAR QUADRANGLE AT SEC. 36, T. 35 N., R. 23 W., WEST INTO
HUMANSVILLE QUADRANGLE AT SEC. 20, T. 35 N., R. 23 W. (by C. N. Ackerman
in 1934)

(Continued from Bolivar quadrangle; see line 2.)

T-rd. S. -----	37 45 09.1	93 25 46.5	(2,575)
Rd. at blazed 30-in. oak tree, 55 ft. S. and 25 ft. E. from rd. fork W. -----	37 45 30.3	93 26 21.0	3,509
Rd. at fence E. -----	37 45 50.2	93 26 32.0	2,196
Rondo, on State Highway 83, 400 ft. W. of store, 40 ft. N. and 30 ft. E. from E.-W. crossroad, in concrete post; standard tablet stamped "158 C W A 1934" -----	37 45 58.63	93 26 59.17	2,342
Rd. at hedge fence -----	37 45 59.1	93 27 24.5	2,033
T. 35 N., R. 23 W., cor. secs. 21, 22, 27, and 28, T-rd. S. -----	37 46 00.1	93 27 57.9	2,689
T-rd. N. -----	37 46 00.9	93 28 31.0	2,660
T-rd. S. -----	37 46 01.8	93 29 01.3	2,669
Rd. at fence S. -----	37 46 02.6	93 29 37.3	2,650

(Continued in Humansville quadrangle; see line 3.)

3. FROM HUMANSVILLE QUADRANGLE AT SEC. 6, T. 36 N., R. 23 W., SOUTH INTO
HUMANSVILLE QUADRANGLE AT SEC. 5, T. 35 N., R. 23 W. (by C. D. Craig
in 1934)

(Continued from Humansville quadrangle; see line 4.)

Weaubleau, 3 mi. NE. of, along U.S. Highway 54, in line with highway S. and fence E. along S. side of highway, 20 ft. S. of fence corner, in concrete post; standard tablet stamped "T T 602 C W A 1934" -----	37 54 27.74	93 29 59.53	(2,727)
Rd. at fences N. and S. -----	37 54 07.6	93 29 43.1	2,433
T-rd. W. -----	37 54 06.9	93 29 26.3	1,345
T-rd. N. -----	37 53 40.8	93 29 27.7	2,646
Weaubleau, 3 mi. E. of, in N $\frac{1}{2}$ sec. 8, T. 36 N., R. 23 W., 25 ft. S. and 20 ft. E. from T-rd. S., in concrete post; standard tablet stamped "T T 560 C W A 1934" -----	37 53 40.06	93 29 10.26	1,400

* This tablet as reset in 1939 is 70 ft. W. of the center line of the highway and 2 ft. S. of the fence corner. The coordinates given refer to the new position.

Station	Latitude			Longitude			Distance
	°	'	"	°	'	"	
Rd. at fences E. and W. -----	37	53	27.2	93	29	11.5	1,299
T-rd. N. -----	37	52	11.5	93	29	18.3	4,656
T-rd. E. -----	37	52	24.3	93	29	14.4	1,770
Rd. corner from N.-W. -----	37	52	01.4	93	29	16.1	2,320
T-rd. W. -----	37	51	45.6	93	29	33.5	2,115
Rd. at fences E. and W. -----	37	51	30.0	93	29	34.2	1,580
Flemington, 4 mi. N. of, in NW 1/4 sec. 29, T. 36 N., R. 23 W., 16 ft. S. of rd. in line with W. face of Shady Grove School, in concrete post; standard tablet stamped "T T 600 C W A 1934" --	37	51	03.33	93	29	20.75	2,899
T. 36 N., R. 23 W., E. sixteenth cor. sec. 29, T-rd. E. -----	37	50	49.7	93	29	02.7	1,997
T-rd. W. -----	37	50	36.5	93	29	03.6	1,336
Rd. corner from N.-E. -----	37	50	07.5	93	29	05.2	2,930
T-rd. S. -----	37	49	57.2	93	29	05.7	1,038
T-rd. S. -----	37	49	31.9	93	29	27.2	3,086
Rd. corner from N.-W. -----	37	49	06.3	93	29	28.6	2,590

(Continued in Humansville quadrangle; see line 4.)

4. FROM BOLIVAR QUADRANGLE AT SEC. 25, T. 35 N., R. 22 W., NORTH TO NEMO, THENCE EAST INTO URBANA QUADRANGLE AT SEC. 16, T. 36 N., R. 21 W.
(by J. W. Fothergill in 1934-35)

(Continued from Bolivar quadrangle; see line 7.)

T. 35 N., R. 22 W., E. sixteenth cor. sec. 25, rd. at fence W. -----	37	45	15.2	93	18	19.8	(2,690)
T. 35 N., R. 22 W., E. sixteenth cor. between secs. 24 and 25 -----	37	45	40.7	93	18	18.9	2,585
Junction of lane E. -----	37	46	07.2	93	18	17.8	2,681
Sentinel, 1.2 mi. S. and 0.5 mi. W. from, 27 ft. N. and 45 ft. E. from NE. corner of dwelling of Fred Roberts, 31 ft. W. of rd., in concrete post; standard tablet stamped "1242 C W A 1934" -----	37	46	32.32	93	18	13.65	2,560
Rd. at fence E. -----	37	46	59.3	93	18	05.4	2,807
Rd. fork S. -----	37	47	20.5	93	17	56.0	2,278
Sentinel, crossroads at center of SW 1/4 sec. 7, T. 35 N., R. 21 W. -----	37	47	38.1	93	17	42.2	2,097
Rd. at fence W., 50 ft. N. of rd. fork NE. -----	37	47	51.2	93	17	41.9	1,319
T-rd. W. on Hickory-Polk county line -----	37	48	17.7	93	17	57.0	2,949
Sentinel, 1.2 mi. N. and 0.2 mi. W. from, 2 ft. S. and 29 ft. W. from highway at fence W., in concrete post; standard tablet stamped "1243 C W A 1934" -----	37	48	44.07	93	18	00.61	2,681
County Route D at fence W. -----	37	49	10.4	93	18	04.2	2,677
Rd. at fence E. and abandoned lane W. -----	37	49	36.6	93	18	06.6	2,654
Pittsburg, 25 ft. N. and 54 ft. W. from County Route D at E.-W. crossroad, 78 ft. S. and 13 ft. W. from SW. corner of dwelling of John E. Bernie, in concrete post; standard tablet stamped "1244 C W A 1934" -----	37	50	02.71	93	17	57.99	2,735
Rd. fork W. -----	37	50	28.2	93	17	44.3	2,804
Rd. at fences E. and W. -----	37	50	54.2	93	17	30.9	2,841
Cross lane -----	37	51	20.0	93	17	18.1	2,804
T. 36 N., R. 21 W., quarter cor. between secs. 18 and 19, rd. at fences E. and W. -----	37	51	46.0	93	17	09.2	2,727
Rd. at fence S. -----	37	51	58.7	93	16	52.4	1,864
Rd. at creek -----	37	52	02.0	93	16	31.5	1,706
Rd. at fence N. -----	37	52	11.1	93	16	02.6	2,495
Rd. at blazed post-oak tree -----	37	52	28.8	93	15	47.2	2,170
Nemo, E. sixteenth cor. between secs. 8 and 17, T. 36 N., R. 21 W., 35 ft. S. and 45 ft. E. from crossroads, 70 ft. N. of cemetery fence, in concrete post; standard tablet stamped "1245 C W A 1934" -----	37	52	35.72	93	15	41.39	847
T-rd. S. -----	37	52	35.7	93	15	12.6	2,309
Rd. corner from N.-E. -----	37	52	22.7	93	15	13.0	1,307

(Continued in Urbana quadrangle; see line 5.)

5. FROM SEC. 6, T. 36 N., R. 23 W., EAST ALONG U.S. HIGHWAY 54 TO STATE HIGHWAY 85, THENCE SOUTH ALONG STATE HIGHWAY 83 TO ELKTON, THENCE EAST ALONG ROADS TO PITTSBURG (by J. W. Fothergill in 1934-35)

T T 602 C W A 1934 (previously described) -----	37	54	27.74	93	29	59.53	.....
Highway at fence E. -----	37	54	45.7	93	29	27.5	3,090
T. 37 N., R. 23 W., S. sixteenth cor. sec. 32, highway at fence S. and abandoned lane N. -----	37	54	58.0	93	29	07.4	2,039
Highway at fences N. and S. -----	37	54	59.2	93	28	01.0	5,316
Wheatland, 2 mi. S. and 3 mi. W. from, on U.S. Highway 54, 22 ft. S. and 26 ft. W. from junction of rd. S. in concrete post; standard tablet stamped "1252 C W A 1934" -----	37	54	57.99	93	27	28.38	2,619
T. 37 N., R. 23 W., cor. secs. 27, 28, 33, and 34, crossroad -----	37	55	34.3	93	27	26.5	3,663

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Highway at hedge fences N. and S. -----	37 55 33.2	93 26 53.5	2,646
Crossroad -----	37 55 32.1	93 26 20.1	2,650
Highway at fences N. and S. -----	37 55 31.1	93 25 47.5	2,639
Highway at fences N. and S. -----	37 55 29.6	93 24 58.2	3,950
Wheatland, 1.2 mi. S., thence 0.5 mi. W. from, 57 ft. S. and 33 ft. E. from junction of State Highway 83, in concrete post; standard tablet stamped "1253 C W A 1934" -----	37 55 28.48	93 24 41.29	1,363
Tps. 36 and 37 N., R. 23 W., approximate quarter cor. between secs. 1 and 36, crossroad -----	37 54 37.1	93 24 44.3	5,246
Highway at fences E. and W. -----	37 54 11.1	93 24 45.6	2,590
Junction of rd. E. -----	37 53 18.8	93 24 48.4	5,298
Elkton, 2.2 mi. N. of, 85 ft. S. and 29 ft. W. from highway at fences E. and W., in concrete post; standard tablet stamped "1254 C W A 1935" -----	37 53 04.86	93 24 49.46	1,416
T. 36 N., R. 23 W., center sec. 13, crossroad -----	37 52 25.4	93 24 51.1	3,890
Highway at fences N. and S. -----	37 51 49.9	93 25 03.8	3,836
Junction of rd. E. at fence W. -----	37 51 34.9	93 25 19.9	1,994
Elkton, 75 ft. N. and 34 ft. E. from NE. corner of Christian Church, 417 ft. N. of State High- way 83 at E.-W. crossroad, 9 ft. S. of fence corner, in concrete post; standard tablet stamped "1255 C W A 1935" -----	37 51 13.26	93 25 28.02	2,285
Junction of lane N. -----	37 51 07.6	93 24 38.8	3,993
Rd. at fence E. -----	37 51 06.8	93 24 09.6	2,340
T. 36 N., R. 22 W., N. sixteenth cor. sec. 30, rd. at fence E. -----	37 50 53.0	93 23 50.0	2,107
Elkton, 1.5 mi. E., thence 1 mi. S. from, quarter cor. between secs. 30 and 31, T. 36 N., R. 22 W., 32 ft. S. and 13 ft. E. from T-rd. E., in concrete post; standard tablet stamped "1256 C W A 1935" -----	37 50 13.59	93 23 52.19	3,990
T. 36 N., R. 22 W., cor. secs. 29, 30, 31, and 32, rd. at fence S. -----	37 50 12.5	93 23 19.5	2,625
Junction of lane S. leading to NE. corner of school grounds -----	37 50 11.3	93 22 46.5	2,652
Crossroads -----	37 50 10.2	93 22 13.4	2,656
Pomme de Terre River, center of W. pier of main span of bridge over -----	37 50 08.6	93 21 45.5	2,247
T-rd. S. -----	37 50 07.8	93 21 08.3	2,983
Pittsburg, 2.5 mi. W. of, in SE 1/4 SW 1/4 sec. 27, T. 36 N., R. 22 W., 42 ft. N. and 21 ft. E. from NE. corner of dwelling of W. B. Lipe, 34 ft. S. of rd., 1 ft. W. of garden fence, in concrete post; standard tablet stamped "1257 C W A 1935" -----	37 50 11.28	93 20 38.04	2,458
Rd. at fence S. -----	37 50 05.8	93 20 02.2	2,933
Crossroads -----	37 50 04.4	93 19 13.1	3,937
T. 36 N., R. 22 W., cor. secs. 25, 26, 35, and 36, rd. at fences N. and S. -----	37 50 04.0	93 18 56.8	1,312
1244 C W A 1934 (previously described) -----	37 50 02.71	93 17 57.99	4,720

6. FROM NEMO NORTHWEST ALONG COUNTY ROUTE K TO HERMITAGE (by J. W. Fothergill
in 1934-35)

1245 C W A 1934 (previously described) -----	37 52 35.72	93 15 41.39	.....
T. 36 N., R. 21 W., quarter cor. between secs. 8 and 17, junction of rd. N. -----	37 52 36.4	93 16 01.5	1,614
Junction of rd. E. -----	37 52 49.7	93 16 18.5	1,913
Crossroad -----	37 53 09.1	93 16 32.8	2,277
Crossroad -----	37 53 29.5	93 16 58.9	2,938
Junction of lane N., 18 ft. S. of W. quarter cor. sec. 6, T. 36 N., R. 21 W., 65 ft. S. of E. quarter cor. sec. 1, T. 36 N., R. 22 W. -----	37 53 56.7	93 17 36.1	4,054
Hermitage, 3 mi. SE. of, along County Route K, 35 ft. S. and 29 ft. W. from E.-W. crossroad, 65 ft. E. of NE. corner of Old Liberty Church, in concrete post; standard tablet stamped "1258 C W A 1935" -----	37 54 24.20	93 18 07.94	3,778
T. 37 N., R. 22 W., S. sixteenth cor. sec. 36, highway at fence W. -----	37 54 37.6	93 18 07.3	1,354
Crossroad -----	37 54 50.8	93 18 18.3	1,606
Highway at fences E. and W. -----	37 55 04.5	93 18 51.4	1,734
Highway at fences E. and W. -----	37 55 18.4	93 19 00.3	2,713
Highway at fences E. and W. -----	37 55 45.1	93 19 14.4	2,926
Highway at fences E. and W. -----	37 56 10.9	93 19 03.1	2,766
T T 98 B 1933 823 (previously described) -----	37 56 27.90	93 18 55.38	1,824

7. FROM BOLIVAR QUADRANGLE NORTH ALONG STATE HIGHWAY 83 TO ELKTON (fourth-
order traverse by State Highway Department in 1934)
(Continued from Bolivar quadrangle; see line 8.)

Highway at fence E. on N. side of lane on approximate line between secs. 27 and 34, T. 35 N., R. 23 W. -----	37 45 06.0	93 27 02.0	(1,680)
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Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
158 C W A 1934 (previously described) -----	37 45 58.63	93 26 59.17	5,330
T. 35 N., R. 23 W., quarter cor. between secs. 22 and 23, junction of old rd. W. at fence E. ----	37 46 24.7	93 26 49.7	2,698
T. 35 N., R. 23 W., cor. secs. 14, 15, 22, and 23, crossroad -----	37 46 51.0	93 26 47.9	2,669
T. 35 N., R. 23 W., quarter cor. between secs. 14 and 15, highway at fences E. and W. -----	37 47 17.2	93 26 46.5	2,657
T. 35 N., R. 23 W., cor. secs. 10, 11, 14, and 15, junction of rd. W. -----	37 47 43.4	93 26 45.2	2,648
T. 35 N., R. 23 W., quarter cor. between secs. 11 and 14, highway at fence N. -----	37 47 42.2	93 26 13.5	2,546
T. 35 N., R. 23 W., center of SE 1/4 sec. 11, highway at fence E. on S. side of rd. -----	37 47 54.6	93 25 55.3	1,927
Highway at fences E. and W. -----	37 48 07.8	93 25 54.6	1,328
Crossroad on Hickory-Polk county line on line between secs. 2 and 11, T. 35 N., R. 23 W. ----	37 48 33.9	93 25 53.4	2,652
Highway at fence E. -----	37 49 00.2	93 25 52.2	2,659
Crossroad on line between secs. 2 and 35, Tps. 35 and 36 N., R. 23 W. -----	37 49 25.2	93 25 49.0	2,541
T. 36 N., R. 23 W., quarter cor. between secs. 35 and 36, highway at fence W. -----	37 49 50.8	93 25 31.7	2,946
Junction of rd. W. -----	37 49 58.3	93 25 31.4	758
T. 36 N., R. 23 W., cor. secs. 25, 26, 35, and 36, highway at fences E. and W. -----	37 50 17.0	93 25 30.7	1,899
T. 36 N., R. 23 W., quarter cor. between secs. 25 and 26, junction of lane W. at fence E. -----	37 50 43.2	93 25 29.7	2,653
1255 C W A 1935 (previously described) -----	37 51 13.26	93 25 28.06	3,043

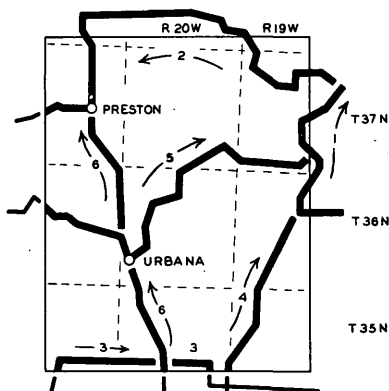
8. FROM SEC. 36, T. 37 N., R. 23 W., NORTH ALONG U.S. HIGHWAY 54 TO WHEATLAND, THENCE NORTH ALONG COUNTY ROUTE B TO SEC. 6, T. 37 N., R. 22 W. (fourth-order traverse by State Highway Department in 1934)

1253 C W A 1934 (previously described) -----	37 55 28.48	93 24 41.29	.....
T. 37 N., Rs. 22 and 23 W., approximate cor. secs. 25, 30, 31, and 36, junction of rd. E. and lane S. -----	37 55 28.0	93 24 08.7	2,607
T. 37 N., R. 22 W., W. quarter cor. sec. 30, junction of rd. E. -----	37 55 53.9	93 24 07.6	2,620
T. 37 N., R. 23 W., E. cor. secs. 24 and 25, junction of rd. W. -----	37 56 20.2	93 24 06.4	2,665
Wheatland, street intersection, 1 block E. of SE. corner of square -----	37 56 41.2	93 24 05.3	2,123
T. 37 N., R. 22 W., W. quarter cor. sec. 19, junction of U.S. Highway 54 E., 30 ft. N. of E. quarter cor. sec. 24, T. 37 N., R. 23 W. -----	37 56 46.7	93 24 04.9	560
T. 37 N., R. 22 W., W. cor. secs. 18 and 19, junction of rd. E., 85 ft. N. of junction of rd. W. at E. cor. secs. 13 and 24, T. 37 N., R. 23 W. -----	37 57 13.3	93 24 03.8	2,696
Highway at fence E. -----	37 57 39.4	93 24 02.4	2,639
Highway at fence E. on S. side of cemetery on line between secs. 7 and 18, T. 37 N., R. 22 W. -----	37 58 05.6	93 23 27.8	3,837
T. 37 N., R. 22 W., center sec. 7, highway at fence W. -----	37 58 32.1	93 23 23.7	2,702
Crossroad on line between secs. 6 and 7, T. 37 N., R. 22 W. -----	37 58 58.4	93 23 19.5	2,681
S. end of bridge -----	37 59 20.6	93 23 00.8	2,696
T T 95 B 1933 1014 (previously described) -----	37 59 47.29	93 22 55.94	2,732

Magnetic declination 7° 53' E.

URBANA QUADRANGLE
(Latitude 37°45'-38°00'; longitude 93°00'-93°15')

Camden, Dallas, Hickory, and Polk Counties



1. FROM SEC. 12, T. 36 N., R. 19 W., WEST TO SEC. 10, T. 36 N., R. 19 W., THENCE NORTH ALONG STATE HIGHWAY 73 AND U.S. HIGHWAY 54 TO SEC. 14, T. 37 N., R. 19 W., INCLUDING THAT PART OF THE LINE IN MACKS CREEK QUADRANGLE (by D. W. Weber in 1931)

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
T. 36 N., R. 19 W., cor. secs. 11, 12, 13, and 14, dim crossroad -----	37 52 12.2	92 58 57.3	.....
Lead Mine, 2 mi. N. and 2.5 mi. W. from, 350 ft. S. of cor. secs. 10, 11, 14, and 15, T. 36 N., R. 19 W., at T-rd. N., 50 ft. N. and 15 ft. E. from old stump used as fence corner, in concrete post; standard tablet stamped "T T Sta 7 W 1931" -----	37 52 11.42	93 00 03.53	5,312
Highway at fence -----	37 53 07.2	93 00 01.1	5,646
Highway at Camden-Dallas county line -----	37 53 59.6	92 59 58.9	5,298
Branch triangulation sta.; U.S.C. & G.S. standard disk stamped "Branch 1928" -----	37 54 20.34	92 59 58.59	2,103
Branch, crossroads at -----	37 54 59.4	93 00 17.8	2,472
Junction of rd. W. -----	37 55 44.5	93 00 16.1	6,581
Branch, 3 mi. NE. of, along U.S. Highway 54, 2 mi. SW. of Macks Creek, in SW 1/4 sec. 14, T. 37 N., R. 19 W., 43 ft. W. of highway, 11 ft. S. of private rd. W., 46 ft. E. of triangular-blazed 18-in. oak tree, in concrete post; standard tablet stamped "T T Sta 8 W 1931" -----	37 56 38.54	92 59 31.08	6,549

2. FROM SEC. 14, T. 37 N., R. 19 W., NORTHWEST TO CROSS TIMBERS, THENCE SOUTH ALONG U.S. HIGHWAY 65 TO PRESTON, THENCE WEST ALONG U.S. HIGHWAY 54 INTO HERMITAGE QUADRANGLE, INCLUDING THAT PART OF THE LINE IN MACKS CREEK AND CROSS TIMBERS QUADRANGLES (by C. P. Thompson in 1934)

T T Sta 8 W 1931 (previously described) -----	37 56 38.54	92 59 31.08	.....
U.S. Highway 54 at rd. N. -----	37 57 36.2	92 58 44.4	6,924
T. 37 N., R. 19 W., approximate center sec. 11, corner of fences S. and W. -----	37 57 53.7	92 59 16.9	3,144
T. 37 N., R. 19 W., N. sixteenth cor. sec. 11 -----	37 58 06.8	92 59 16.0	1,334
Macks Creek, 2.3 mi. W. of, 138 ft. S. and 14 ft. W. from cor. secs. 2, 3, 10, and 11, T. 37 N., R. 19 W., 33 ft. SW. of T-rd., 20 ft. W. of N.-S. rd., 233 ft. SW. of dwelling of J. T. Guest, 2 ft. S. and 2 ft. W. from fence corner, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "511 C W A 1934" -----	37 58 19.04	92 59 48.92	2,914
Junction of Hickory Grove rd. -----	37 58 12.5	93 00 23.4	2,838
T. 37 N., R. 19 W., quarter cor. between secs. 9 and 10 -----	37 57 56.0	93 01 00.0	3,378
Center of front of dwelling of J. L. Rash -----	37 57 59.1	93 01 40.7	3,269
Hickory Grove School, SE. corner of -----	37 58 00.3	93 02 03.1	1,801
Rd. forks -----	37 58 02.1	93 02 13.4	841
Rd. fork SW. -----	37 57 54.0	93 02 58.6	3,714

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Macks Creek, 6 mi. W. of, 340 ft. N. and 30 ft. E. from S. sixteenth cor. between secs. 7 and 8, T. 37 N., R. 19 W., 60 ft. NW. of crossroads, 33 ft. N. of rd. W., 460 ft. NW. of dwelling of James Andrew, 3 ft. S. and 13 ft. W. from fence corner on land owned by heirs of Frank Pope, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "512 C W A 1934" -----	37 57 51.04	93 03 08.85	875
Rd. forks NW. and SW. -----	37 58 18.2	93 03 19.0	2,860
Rd. forks NW., NE., and SE. -----	37 58 48.7	93 03 47.7	3,849
T. 38 N., R. 19 W., W. sixteenth cor. on S. line sec. 31, stone at rd. corner from E.-N., 117 ft. W. of stone at rd. corner from S.-W. at W. sixteenth cor. on N. line sec. 6, T. 37 N., R. 19 W. -----	37 59 22.7	93 03 54.3	3,486
Rd. at Camden-Hickory county line, 520 ft. N. of stone at S. sixteenth cor. on W. line sec. 31, T. 38 N., R. 19 W., 760 ft. S. of stone at E. quarter cor. sec. 36, T. 38 N., R. 20 W. -----	37 59 41.2	93 04 06.2	2,099
Rd. at fences N. and S., 248 ft. S. of stone at fence corner at E. sixteenth cor. sec. 36, T. 38 N., R. 20 W. -----	37 59 46.5	93 04 22.4	1,400
T-rd. N. at private rd. S. to farmhouse -----	37 59 48.7	93 04 54.2	2,563
Cross Timbers, 10.2 mi. E. of, 1.2 mi. SE. of Turners ford, 104 ft. N. and 13 ft. E. from stone at center of NW 1/4 sec. 36, T. 38 N., R. 20 W., on top of hill, on land owned by D. F. Phillips, 15 ft. E. of rd., 1 ft. W. of N.-S. fence, in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "513 C W A 1934" -----	38 00 03.92	93 04 54.46	2,042
T. 38 N., R. 20 W., cor. secs. 25, 26, 35, and 36, stone -----	38 00 15.6	93 05 10.8	1,762
Flint Springs Baptist Church, SW. corner of Cross Timbers, 9 mi. E. of, in NW 1/4 sec. 25, T. 38 N., R. 20 W., 290 ft. SE. of Turners ford, on land owned by G. W. Pennell, 3 ft. N. and 3 ft. W. from fence corner, 21 ft. N. of rd., in concrete post; standard tablet stamped "19 J 1934" -----	38 00 26.2	93 05 06.3	1,134
T. 38 N., R. 20 W., E. sixteenth cor. sec. 26, stone at fence corner -----	38 00 45.20	93 05 02.75	1,939
T. 38 N., R. 20 W., N. sixteenth cor. between secs. 26 and 27, stone, 12 ft. S. of rd. at fence N. -----	38 00 42.0	93 05 26.4	1,921
Cross Timbers, 6.8 mi. E. of, near center of NW 1/4 sec. 27, T. 38 N., R. 20 W., on land owned by John Olson, 21 ft. S. of rd., 18 ft. N. of fence corner, 4 ft. NW. of blazed 10-in. post-oak tree; in concrete post; U.S.C. & G.S. and State Survey standard tablet stamped "514 C W A 1934" -----	38 00 56.3	93 06 15.2	4,164
T-rd. N. -----	38 00 48.22	93 07 00.42	3,710
Rd. at point 33 ft. N. and 88 ft. E. from NE. corner of dwelling of J. N. Williams -----	38 00 56.9	93 07 22.3	1,957
T. 38 N., R. 20 W., W. sixteenth cor. between secs. 21 and 28, stone at fence corner 62 ft. S. of rd. -----	38 01 05.8	93 07 48.1	2,257
Cross Timbers, about 5.1 mi. E. of, 0.2 mi. NW. of Jordon, in SE 1/4 sec. 20, T. 38 N., R. 20 W., 56 ft. NW. of NW. corner of Jordan School, 36 ft. NW. of rd., at spring, in natural limestone boulder; standard tablet stamped "18 J 1934" -----	38 01 10.7	93 08 09.2	1,758
T. 38 N., R. 20 W., S. sixteenth cor. sec. 20, rd. at fence N. -----	38 01 19.75	93 08 28.95	1,826
T-rd. N. -----	38 01 24.5	93 08 58.3	2,399
Rd. at fences N. and S., 330 ft. S. of stone at S. sixteenth cor. sec. 19, T. 38 N., R. 20 W. -----	38 01 23.0	93 09 23.3	2,003
Rd. at fence S., 291 ft. S. of stone at S. sixteenth cor. on W. line sec. 19, T. 38 N., R. 20 W. -----	38 01 22.4	93 10 04.4	3,294
Rd. at fence N. -----	38 01 24.0	93 10 33.4	2,324
Cross Timbers, 1.8 mi. E. of, near S. sixteenth cor. between secs. 23 and 24, T. 38 N., R. 21 W., 20 ft. N. of rd., 22 ft. E. of hedge fence, 3 ft. N. of fence, in concrete post; standard tablet stamped "17 J 1934" -----	38 01 30.0	93 10 50.6	1,498
T. 38 N., R. 21 W., S. sixteenth cor. sec. 23 -----	38 01 27.49	93 11 38.69	3,860
T. 38 N., R. 21 W., S. sixteenth cor. between secs. 22 and 23, crossroads -----	38 01 28.1	93 12 12.0	2,669
T. 38 N., R. 21 W., N. sixteenth cor. between secs. 26 and 27, rd. at fence E. -----	38 01 29.0	93 12 45.0	2,641
T. 38 N., R. 21 W., cor. secs. 26, 27, 34, and 35, crossroads -----	38 01 01.5	93 12 46.7	2,780
	38 00 23.8	93 12 48.8	3,815

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Cross Timbers, 1.8 mi. S. of, 450 ft. S. and 30 ft. E. from N. sixteenth cor. between secs. 34 and 35, T. 38 N., R. 21 W., 19 ft. N. and 33 ft. E. from N.-S. crossroad, 9 ft. SE. of transmission-line pole, in concrete post; standard tablet stamped "16 J 1934" -----	38 00 06.40	93 12 49.35	1,763
T. 38 N., R. 21 W., center of SW 1/4 sec. 35 -----	37 59 44.4	93 12 34.8	2,518
T. 37 N., R. 21 W., center sec. 2, highway at fences E. and W. -----	37 59 05.1	93 12 19.4	4,160
T. 37 N., R. 21 W., quarter cor. between secs. 2 and 11, highway at fences E. and W. -----	37 58 37.4	93 12 20.9	2,806
T. 37 N., R. 21 W., center sec. 11, highway at fence W. -----	37 58 11.2	93 12 22.3	2,646
T. 37 N., R. 21 W., quarter cor. between secs. 11 and 14, crossroad -----	37 57 45.4	93 12 23.8	2,616
T. 37 N., R. 21 W., quarter cor. between secs. 14 and 23, highway at fences E. and W. -----	37 56 53.1	93 12 26.7	5,298
Preston, 0.5 mi. E. of, 235 ft. S. and 44 ft. E. from junction of U.S. Highway 65, about 40 ft. S. of E. head wall of concrete culvert, in concrete post; standard tablet stamped "15 J 1934 1047" -----	37 56 24.93	93 12 27.75	2,853
Preston, main street intersection at quarter cor. between secs. 22 and 23, T. 37 N., R. 21 W. -----	37 56 27.9	93 13 00.8	2,664
T. 37 N., R. 21 W., center sec. 22, center of highway -----	37 56 28.4	93 13 34.6	2,705
T. 37 N., R. 21 W., quarter cor. between secs. 21 and 22, crossroad -----	37 56 29.3	93 14 07.0	2,596
T. 37 N., R. 21 W., center sec. 21, center of highway -----	37 56 30.1	93 14 39.8	2,629
Preston triangulation sta.; U.S.C. & G.S. standard disk stamped "Preston" (In Hermitage quadrangle; see line 1.) -----	37 56 15.30	93 15 07.86	2,705

3. FROM BUFFALO QUADRANGLE AT SEC. 27, T. 35 N., R. 21 W., EAST INTO BUFFALO QUADRANGLE AT SEC. 25, T. 35 N., R. 20 W. (by J. W. Fothergill in 1934)
(Continued from Buffalo quadrangle; see line 6.)

T. 35 N., R. 21 W., center sec. 27, rd. corner -- Rimby, 222 ft. S. of SE. corner of store, 4 ft. S. of SE. corner of old mill building, 2 ft. W. of fence, in concrete post; standard tablet stamped "1230 C W A 1934" -----	37 45 09.4	93 14 11.5	(3,282)
Crossroads -----	37 45 36.80	93 14 11.23	2,766
T-rd. N. -----	37 45 35.2	93 13 37.6	2,705
T. 35 N., R. 21 W., cor. secs. 23, 24, 25, and 26, T-rd. S. at fence N. -----	37 45 34.5	93 13 04.0	2,701
Rd. at fence S., 19 ft. W. of fence N. -----	37 45 33.8	93 12 30.2	2,711
Louisburg, 3 mi. W. of, W. cor. secs. 19 and 30, T. 35 N., R. 20 W., 11 ft. N. and 35 ft. E. from T-rd. E., on Dallas-Polk county line, in concrete post; standard tablet stamped "1231 C W A 1934" -----	37 45 33.1	93 11 56.8	2,690
T-rd. S. at fence N. -----	37 45 32.94	93 11 22.95	2,717
Crossroads -----	37 45 32.1	93 10 50.6	2,600
Rd. at fences N. and S. -----	37 45 31.7	93 10 34.0	1,330
T-rd. N. at fence S. -----	37 45 30.8	93 10 01.1	2,649
T. 35 N., R. 20 W., cor. secs. 20, 21, 28, and 29, T-rd. S. -----	37 45 29.9	93 09 28.1	2,650
Louisburg, T-rd. N. at W. edge of -----	37 45 29.4	93 09 11.7	1,321
Louisburg, at E. limits of, 58 ft. N. and 130 ft. W. from junction of U.S. Highway 65, in concrete post; standard tablet stamped "1232 C W A 1934" -----	37 45 28.7	93 08 38.6	2,661
Rd. at fences N. and S., 17 ft. E. of T-rd. S. -----	37 45 28.51	93 08 10.67	2,241
Rd. at fences N. and S. -----	37 45 27.1	93 07 32.7	3,049
Rd. at fence N. -----	37 45 26.2	93 06 59.2	2,690
T. 35 N., R. 20 W., cor. secs. 23, 24, 25, and 26, T-rd. W. -----	37 45 25.2	93 06 26.2	2,660
	37 45 24.2	93 05 52.9	2,671

(Continued in Buffalo quadrangle; see line 7.)

4. FROM BUFFALO QUADRANGLE NORTHEAST ALONG STATE HIGHWAY 73 TO SEC. 10, T. 36 N., R. 19 W. (by J. W. Fothergill in 1934)

1234 C W A 1934 (In Buffalo quadrangle; see line 7.) -----	37 44 54.91	93 04 13.56	.....
T. 35 N., R. 19 W., quarter cor. between secs. 19 and 30, highway at fence E., 65 ft. S. of highway at fence W. -----	37 45 20.8	93 04 13.0	2,618
Highway at fences E. and W. -----	37 45 46.6	93 04 03.7	2,719
Crossroad -----	37 46 12.3	93 03 46.0	2,957
Highway at fences E. and W. -----	37 46 40.8	93 03 26.3	3,293
Highway at fences E. and W. -----	37 47 03.8	93 03 18.8	2,397
Junction of rd. E. -----	37 47 30.0	93 03 17.6	2,661

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Tunas, about 4.3 mi. SW. of, 10 ft. N. and 40 ft. W. from highway at fence E., 42 ft. N. and 57 ft. E. from NE. corner of farmhouse of Charles F. Johnson, in concrete post; standard tablet stamped "1235 C W A 1934" * -----	37 47 44.50	93 03 17.32	1,464
Highway at fences E. and W. -----	37 48 09.2	93 03 16.9	2,509
Highway at fence W. -----	37 48 33.8	93 03 01.0	2,784
Highway at fence W. on line between secs. 5 and 32, Tps. 35 and 36 N., R. 19 W. -----	37 48 50.3	93 02 47.2	2,010
Highway at fence E. -----	37 49 06.9	93 02 31.8	2,083
Highway at fence W. -----	37 49 29.1	93 02 29.6	2,255
Junction of rd. E. -----	37 49 50.1	93 02 13.5	2,476
Highway at fences E. and W. (fence W. is S. of rd.) -----	37 50 20.7	93 02 10.5	3,106
Tunas Branch, center of small bridge over -----	37 50 47.5	93 01 48.0	3,258
Tunas, 132 ft. N. and 48 ft. W. from junction of County Route E in concrete post; standard tablet stamped "1236 C W A 1934" -----	37 51 00.22	93 01 34.81	1,662
Junction of rd. N. at fence S. -----	37 51 19.6	93 01 11.7	2,703
Courtney Branch, center of bridge over -----	37 51 32.6	93 00 45.9	2,451
County Route E at fence W. -----	37 51 55.6	93 00 32.8	2,539
T T Sta 7 W 1931 (previously described) -----	37 52 11.42	93 00 03.53	2,847

5. FROM HERMITAGE QUADRANGLE AT SEC. 16, T. 36 N., R. 21 W., SOUTHEAST TO URBANA, THENCE NORTHEAST TO BRANCH (by J. W. Fothergill in 1934)
(Continued from Hermitage quadrangle; see line 4.)

Rd. corner from N.-E. -----	37 52 05.1	93 14 52.9	(2,403)
Rd. at fences N. and S. -----	37 52 04.8	93 14 23.6	2,345
T. 36 N., R. 21 W., center of SW 1/4 sec. 15, rd. at fence S. -----	37 51 55.9	93 14 07.6	1,574
Urbana, 1 mi. N. and 3.5 mi. W. from, near quarter cor. between secs. 15 and 22, T. 36 N., R. 21 W., 97 ft. N. and 107 ft. E. from NE. corner of dwelling of Frank Parks, 23 ft. S. of rd., 27 ft. E. of picket fence, in concrete post; standard tablet stamped "1246 C W A 1934" -----	37 51 44.90	93 13 50.09	1,790
T-rd. N. -----	37 51 36.5	93 13 18.6	2,667
Rd. at fence N. -----	37 51 34.5	93 12 45.2	2,683
Rd. at fences N. and S. -----	37 51 35.9	93 12 11.7	2,697
Rd. at fences N. and S. -----	37 51 39.3	93 11 38.3	2,701
T. 36 N., R. 21 W., E. cor. secs. 13 and 24, N.-S. fence at rd. W. on Dallas-Hickory county line, 52 ft. S. of T-rd. E. at W. cor. secs. 18 and 19, T. 36 N., R. 20 W. -----	37 51 38.4	93 11 04.8	2,685
Urbana, 1 mi. NW. of, along U.S. Highway 65, 33 ft. S. and 40 ft. W. from junction of rd. W., in concrete post; standard tablet stamped "1247 C W A 1934" -----	37 51 38.08	93 10 38.54	2,109
U.S. Highway 65 at fences E. and W. -----	37 51 11.8	93 10 29.6	2,756
U.S. Highway 65 at fences E. and W. -----	37 50 45.4	93 10 21.2	2,745
U.S. Highway 65 at crossroad -----	37 50 32.4	93 10 17.0	1,365
Urbana, at S. limits of, E.-W. rd. at main street -----	37 50 31.7	93 09 56.5	1,650
Rd. at fence E., 150 ft. N. of crossroads -----	37 50 58.1	93 10 05.0	2,757
T. 36 N., R. 20 W., quarter cor. between secs. 19 and 20, rd. at fences E. and W. -----	37 51 11.2	93 10 04.2	1,330
Rd. at fence W. -----	37 51 24.2	93 10 03.4	1,316
Urbana, 1 mi. N. of, 350 ft. E. of cor. secs. 17, 18, 19, and 20, T. 36 N., R. 20 W., 17 ft. E. of rd. corner from W.-N., 2 ft. N. and 3 ft. W. from fence corner, in concrete post; standard tablet stamped "1248 C W A 1934" -----	37 51 37.33	93 09 58.35	1,386
T-rd. S. -----	37 52 03.5	93 09 57.0	2,650
T-rd. N. -----	37 52 03.0	93 09 28.1	2,321
Rd. at fence W. -----	37 52 29.3	93 09 25.7	2,670
Rd. corner from W.-N. at fence S. -----	37 52 42.1	93 09 10.0	1,810
Rd. at fence E. -----	37 52 55.2	93 08 55.1	1,785
Rd. at fence S. -----	37 53 17.4	93 08 35.7	2,733
T. 36 N., R. 20 W., quarter cor. between secs. 4 and 9, stone in crossroads -----	37 53 20.8	93 08 18.7	1,405
Rd. at fences E. and W. -----	37 53 46.9	93 08 17.4	2,637
T. 36 N., R. 20 W., near N. quarter cor. sec. 4, on Dallas-Hickory county line, 23 ft. S. and 100 ft. E. from rd. at fence N., 15 ft. E. of rd. S., in concrete post; standard tablet stamped "1249 C W A 1934" -----	37 54 12.35	93 08 12.16	2,610
Rd. at fence N. -----	37 54 11.2	93 07 40.1	2,570
Rd. at fence S. -----	37 54 11.6	93 07 25.9	1,140
Rd. at fence N. -----	37 54 24.6	93 06 58.2	2,578
Rd. at fences E. and W. -----	37 54 36.4	93 06 31.9	2,424
Rd. at fence N. -----	37 55 03.0	93 05 57.6	3,846

* Monument was moved by State Highway Department, May 31, 1936, 19 ft. W. of given description and position.

Station	Latitude	Longitude	Distance
	° ' "	° ' "	Feet
Rd. at triangular-blazed 20-in. hackberry tree, 1 ft. N. and 2 ft. W. from stone at E. sixteenth cor. between secs. 26 and 35, T. 37 N., R. 20 W. -----	37 55 02.7	93 05 41.2	1,316
Branch, 5 mi. W. of, cor. secs. 25, 26, 35, and 36, T. 37 N., R. 20 W., 3 ft. N. and 17 ft. E. from rd. corner from W.-N., 10 ft. N. and 1 ft. W. from fence corner, in concrete post; standard tablet stamped "1250 C W A 1934" -----	37 55 02.74	93 05 24.66	1,325
Rd. fork N. at fence S. -----	37 55 08.8	93 05 07.9	1,482
Rd. at fence N., 93 ft. N. of stone at quarter cor. between secs. 25 and 36, T. 37 N., R. 20 W. -----	37 55 03.1	93 04 51.6	1,425
Rd. at fence S. -----	37 54 48.6	93 04 35.4	1,958
Rd. at fences N. and S. on Camden-Hickory county line -----	37 54 41.0	93 04 19.1	1,520
Junction of lane S. at fence N. -----	37 54 36.0	93 03 52.2	2,218
Crossroads -----	37 54 32.6	93 03 17.0	2,839
Branch, 2 mi. W. of, W. sixteenth cor. sec. 32, T. 37 N., R. 19 W., 15 ft. S. and 230 ft. E. from rd. at fences N. and S., 63 ft. S. and 14 ft. E. from SE. corner of cabin, in concrete post; standard tablet stamped "1251 C W A 1934" -----	37 54 31.74	93 02 57.56	1,564
Rd. at fence N. -----	37 54 38.6	93 02 25.3	2,681
T. 37 N., R. 19 W., center of NW 1/4 sec. 33, rd. at fence N. -----	37 54 42.7	93 01 53.5	2,577
Rd. at fence N. -----	37 54 41.8	93 01 20.8	2,623
Rd. at fences N. and S. -----	37 54 40.1	93 00 47.5	2,676
Branch, State Highway 73 at crossroad -----	37 54 39.5	93 00 17.8	2,388
Branch triangulation sta. (previously described) -----	37 54 20.34	92 59 58.59	2,474

6. FROM BUFFALO QUADRANGLE NORTHWEST ALONG U.S. HIGHWAY 65 TO PRESTON (fourth-order traverse by State Highway Department in 1934)
(Continued from Buffalo quadrangle; see line 13.)

1232 C W A 1934 (previously described) -----	37 45 28.51	93 08 10.67	(4,810)
Cross lane -----	37 46 01.0	93 08 23.0	3,434
Highway at fences E. and W. -----	37 47 01.2	93 08 49.8	6,453
Highway at fences E. and W. -----	37 47 40.8	93 09 07.4	4,254
Crossroad -----	37 48 05.0	93 09 18.2	2,598
Crossroad -----	37 48 33.8	93 09 31.0	3,089
Cross lane on line between secs. 5 and 32, Tps. 35 and 36 N., R. 20 W. -----	37 48 59.8	93 09 42.6	2,789
Highway at fences E. and W. -----	37 49 26.3	93 09 54.4	2,837
Highway at fences N. and S. on line between secs. 29 and 30, T. 36 N., R. 20 W. -----	37 50 02.2	93 10 07.4	3,785
Crossroad -----	37 50 18.8	93 10 12.8	1,735
Crossroad on line between secs. 19 and 30, T. 36 N., R. 20 W. -----	37 50 45.5	93 10 21.2	2,778
Highway at fences E. and W. (previously described) -----	37 51 11.8	93 10 29.6	2,744
Crossroad on line between secs. 18 and 19, T. 36 N., R. 20 W. -----	37 51 38.4	93 10 38.1	2,779
Highway at fences E. and W. on line between secs. 7 and 18, T. 36 N., R. 20 W. -----	37 52 31.3	93 10 49.3	5,424
Junction of rd. W. -----	37 52 57.4	93 10 47.9	2,648
Junction of rd. E. on line between secs. 6 and 7, T. 36 N., R. 20 W. -----	37 53 23.8	93 10 46.4	2,672
Highway at fences N. and S. on Dallas-Hickory county line -----	37 54 00.0	93 10 57.6	3,770
Tps. 36 and 37 N., Rs. 20 and 21 W., cor. of, stone -----	37 54 15.1	93 10 56.9	1,526
Highway at hedge fences E. and W. -----	37 54 41.9	93 11 47.6	4,889
Crossroad -----	37 55 06.2	93 12 16.7	3,390
T. 37 N., R. 21 W., center sec. 26, junction of rd. E. -----	37 55 35.0	93 12 31.3	3,138
Highway at fence E. on line between secs. 23 and 26, T. 37 N., R. 21 W. -----	37 56 01.2	93 12 29.8	2,650
15 J 1934 1047 (previously described) -----	37 56 24.93	93 12 27.75	2,410

Magnetic declination 7° 43' E.