# UNITED STATES DEPARTMENT OF THE INTERIOR Harold L. Ickes, Secretary <br> GEOLOGICAL SURVEY <br> w. C. Mendenhall, Director 

## Bulletin 912

# SPIRIT LEVELING IN UTAH 

1897-1938

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# SPIRIT LEVELING IN UTAH, 1897-1938 

J. G. Staack, Chief Topographic Engineer

## INTRODUCTION

Scope of report.-This bulletin contains the results of all spirit leveling in Utah done by the Geological Survey, United States Department of the Interior, including those heretofore published. ${ }^{1}$ Descriptions of the points for which figures of elevation have been determined are listed according to the quadrangles in which the points occur, and the quadrangles are arranged in alphabetic order. Results of spirit leveling other than that done by the Geological Survey are not included.

Cooperation.-Leveling in Utah by the Geological Survey prior to 1922 was carried on under allotments from Federal funds. Beginning in that year and continuing through 1929 the commissioners of Box Elder, Davis, Salt Lake, Tooele, Utah, and Weber Counties, under a cooperative agreement with the Geological Survey, contributed funds from their respective counties for the mapping of special areas included in and adjacent to proposed reclamation projects and for the leveling required in contouring standard topographic maps.

Classification of leveling.-Spirit leveling is classified according to the degree of refinement in the instruments and methods used and according to the closure errors.

First-order leveling ${ }^{2}$ consists of leveling done with the most improved instruments, all sections being leveled twice, in opposite directions, under varying conditions. Closures are not allowed to exceed the amount in feet represented by the formula

$$
0.017 \sqrt{\text { length of section in miles. }}
$$

All corrections for rod error, temperature, and unbalanced sights are applied, as well as the orthometric corrections for convergence toward the poles of level surfaces of different elevations.

[^0]Second-order leveling, according to regulations of the Geological Survey, comprises lines leveled twice with reliable instruments, though not necessarily of the most improved type. Closures are not allowed to exceed $0.035 \sqrt{\text { length of section in miles. }}$

Third-order leveling is made up of lines that are run, either with first-order equipment or with an engineer's wye level and rods of the New York type, in single-line circuits that are required to close within the limits, in feet, of $0.05 \sqrt{\text { length of circuit in miles. This is equiva- }}$ lent to $0.071 \sqrt{\text { length of section }}$ if the line is leveled twice.

All leveling done by the Geological Survey in Utah is of third-order accuracy except as otherwise stated.

Adjustments.-The adjustment of a net of leveling begins with the first-order lines. Most of these lines in both the United States and Canada have already been combined in a general net, and the orthometric differences derived from the observed values by correction for the convergence of level planes toward the north have been adjusted to remove accidental closure errors by the mathematical method known as least squares. The latest adjustment of this kind was made in 1929 by the Coast and Geodetic Survey and is known as the 1929 general adjustment of first-order leveling. This adjustment included the first-order lines in Utah, and the elevations thus derived are the fundamental references for elevations determined by secondand third-order nets. The third-order leveling of the Geological Survey in Utah has been adjusted by determining weighted mean elevations for new junction points and prorating the errors of each link. The weights are taken as the reciprocals of lengths of links. The third-order net has thus been brought into agreement with the best information available for the results of the fundamental first-order leveling, although the published figures of elevation may be changed slightly by future adjustments of the level net.

Benchmarks.-The benchmarks used by the Geological Survey (pl. 1) are of two general classes-principal and supplementary. Principal benchmarks are placed at more or less regular intervals along a level line and are established with the aim of making them as nearly permanent as practicable. They are usually bronze or aluminum tablets, iron posts, or copper bolts. Supplementary or auxiliary benchmarks are less formal in design and are placed between the principal benchmarks. Some of the supplementary benchmarks in common use are spikes, marks cut with a chisel on rock or masonry, and copper nails fitted with washers.

The tablets are circular in shape, measure $37 / 8$ 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 earlier years of the Survey's leveling the tablets were made of aluminum. The softness of this metal, however, made them


GEOLOGICAL SURVEY BENCHMARKS.
$A$ and $B$, Standard tablets, principal benchmarks, used where masonry or rock is available to hold them. $A$ is used in cooperating States; the State name is inserted at $a . C$, Under side of $A$ and $B$, showing shank used to hold tablet in place. $D$ and $E$, Two views of copper nail and copper washer, a supplementary benchmark, used for points lying between those marked by standard tablets. $F$, Standard iron post fitted with bronze cap similar in design to the standard tablet, formerly used where no rock or masonry was available; superseded by concrete post with tablet set in top.
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 3 -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 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 benchmarks but also as triangulation- or traverse-station marks. 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 upon it with steel dies letters indicating this use, 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. 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 the figures of elevation to the nearest foot, or these figures may be added later. Tablets that serve as benchmarks may have been set as such, or they may have been set to mark traverse stations. Thus some of them serve a dual purpose, but each bears only one date and one identifying designation-those stamped upon it by the engineer who established it.
The figures of elevation that appear on a tablet are usually those 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. It is assumed that engineers and others who require accurate figures of elevation for the marks will use those printed in a bulletin such as this one, instead of accepting the stamped figures. If the appropriate 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 from 36 to 48 inches and are generally set so as to project about 6 inches above 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 similar in design to the tablets. These iron posts measure 4 feet in length and $31 / 2$ 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 and are subject to rust at the ground level, which eventually destroys them.

The third form of principal benchmark, set only in the early leveling, is a copper bolt, designed to be wedged into a drill hole in rock or masonry and perhaps further secured with lead or cement. This bolt measures 4 inches in length and 1 inch in diameter and has a slot at one end into which fits a brass wedge. The wedge serves to expand the bottom end of the bolt, so that after the bolt has been driven to almost its full length into the hole, it cannot be easily removed. The exposed end of the bolt bears an appropriate inscription, stamped upon it with steel dies. This inscription is made up of the letters "U S G S," the letters indicating the datum used, the figures of elevation, and the abbreviated word " Ft ."

Supplementary benchmarks are of many kinds. One kind consists of a copper nail $11 / 2$ inches long supplied with a copper washer seven-eighths of an inch in diameter. The nail is driven into the root of a tree or some timber structure or cemented into rock. The designation "U S G S B M" is stamped on each washer, and on some washers the abbreviation of the name of the cooperating State is added. Another kind of supplementary benchmark is a chiseled square, used on the horizontal surface of rocks or masonry structures, or a chiseled cross, used on a vertical surface. Nails, track spikes, and small capped iron pipes also serve as supplementary benchmarks, and easily described and recognized points, such as doorsills and tops of hydrants, are occasionally used.

Preservation and restoration of benchmarks.-Any person who finds that a principal benchmark 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 com-

municating 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 elevation.

Datum.-All elevations determined by the Geological Survey and those determined by the Coast and Geodetic Survey for inland mapping are referred to mean sea level, which is the level that the sea would assume if the influence of winds, tides, and currents were eliminated. This level is not the elevation determined from the mean of the highest and lowest tides, nor is it the half sum of the mean of all the high tides and the mean of all the low tides, which is called the halftide level. Mean sea level is the average height of the water, all stages of the tide being considered. It is determined from observations made by means of tidal gages placed at stations where local conditions, such as those due to long narrow bays, rivers, and like features, will not affect the height of the water. To obtain even approximately correct results these observations must extend over at least one lunar month, and if accuracy is desired they must extend over several years. At ocean stations the half-tide level and the mean sea level usually differ but little. It is assumed that there is no difference between the mean sea levels determined from observations made in the Atlantic Ocean, the Gulf of Mexico, and the Pacific Ocean. ${ }^{3}$

Index map.-The accompanying index map of Utah (pl. 2) shows the relative position of the quadrangle areas that make up the State. A quadrangle is the unit adopted by the Geological Survey for dividing the topographic map of the United States into atlas sheets. Most of the quadrangles that appear on the index map measure 30 minutes of latitude by 30 minutes of longitude. However, near the central part of the State and in the western part of Tooele County there are groups of quadrangles which measure 15 minutes in each direction. Many of these 15 - and 30 -minute quadrangles are recent subdivisions of 1-degree quadrangles previously mapped. Several special projects in Utah have been mapped that do not conform to any uniform quadrangle arrangement. Such projects include the mapping of special mining districts, national parks, forest reservations, and reclamation projects. Appropriate local names were assigned to maps of these areas, such as Tintic Mining District and Zion National Park. Names of the 1-degree quadrangles and special projects do not appear on the index maps, although maps of most of these areas are available. The descriptions of benchmarks in those areas which originally were

[^1]mapped as 1-degree quadrangles or as special projects and which subsequently have been or at some future time may be remapped as 15 - or 30 -minute quadrangles are grouped according to the smaller quadrangles as delineated on the index map.

Maps of quadrangles and special projects in Utah for which surveys have been completed may be purchased from the Geological Survey 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 of the Geological Survey, or in cash-the exact amount, at sender's risk. Postage stamps should not be sent.

Personnel.-The leveling of the Geological Survey in Utah was done under the general supervision of the chief geographers or chief topographic engineers who were in administrative charge of the topographic branch during the years the lines were run. The name of the levelman who ran a particular line and the date when it was run immediately follow the designation of the route of that line and form part of the heading which precedes the descriptions of benchmarks.

The adjustment of the third-order level net, the correlation and compilation of the descriptions and elevations of benchmarks in the lists for the various quadrangles, and the assembling of the lists were done in the Washington office of the Geological Survey by R. G. Clinite, associate geodetic engineer; under the immediate supervision of R. M. Wilson, chief of the section of computing, and under the general direction of J. G. Staack, chief topographic engineer.

# DESCRIPTIONS OF BENCHMARKS 

## ACORD LAKES QUADRANGLE

[Latitude $38^{\circ} 45^{\prime}-39^{\circ} 00^{\prime}$; longitude $111^{\circ} 15^{\prime}-111^{\circ} 30^{\prime}$ ] EMERY AND SEVIER COUNTIES

From Emery No. 1 quadrangle near Emery along State Highway 10 southwest to Meadow Gulch Divide (by C. H. Williams in 1923; leveled twice)

[^2]Emery, 5.7 mi . SW. of, at S. edge of Walker Flat, opposite two blueclay knobs, 30 ft . W. of center line of highway, in concrete post;standard tablet stamped "146016 1923" (recovered by U. S. C.\& G. S. in 1934)Feet6, 017.300
Emery, 6.7 mi . SW. of, at summit of long grade, 30 ft . E. of center: line of highway; iron pipe stamped " 6114 "$6,115.49$Emery, 7.7 mi . SW. of, 1.0 mi . N. of bridge over Ivie Creek, 500 ft .N . of large wash, in lower N . railing of bridge over Coal Wash;copper nail and washer$5,790.69$
Emery, 8.6 mi . SW. of, at NW. side of bridge over Ivie Creek, in rockwall; standard tablet stamped "15 5999 1923" (recovered byU. S. C. \& G. S. in 1934)6, 000. 708
T. 23 S., R. 5 E., sec. 13, 1.0 mi . S. of bridge over Ivie Creek, 9.6 mi .SW. of Emery, 40 ft . N. of center line of highway; large iron pipestamped " 6055 " (recovered by U. S. C. \& G. S. in 1934)6, 056.029
T. 23 S., R. 5 E., sec. $23,60 \mathrm{ft}$. S. of center line of highway, oppositecorner of fence, on lava boulder; chiseled circle6, 129. 41
T. 23 S., R. 5 E., sec. $27,0.1 \mathrm{mi}$. SW. of and on opposite side of high-way from Peacock ranch house, 300 ft . S. of center line of highway,80 ft . from base of bench, in lava boulder, 3 ft . above ground;standard tablet stamped "16 6220 1923" (recovered by U. S. C.\& G. S. in 1934)6, 221. 334
T. 23 S., R. 5 E., sec. $27,20 \mathrm{ft}$. E. of center line of highway, on lava boulder; chiseled circle ..... $6,317.96$
T. 23 S., R. 5 E., sec. $34,0.2 \mathrm{mi}$. N. of elbow of Ivie Creek, 20 ft E.of center line of highway, at base of rocky hill, on lava boulder;chiseled circle6, 431. 72
T. 24 S., R. 5 E., sec. $4,0.8 \mathrm{mi}$. W. of elbow of Ivie Creek, 10 ft . S. of center line of highway, at base of rock bench, 4 ft . above high- way, in lava boulder; standard tablet stamped "17 $6576 \quad 1923$ " (recovered by U. S. C. \& G. S. in 1934) ..... $6,577.543$T. 24 S., R. 5 E., sec. $5,7.3 \mathrm{mi}$. SE. of Meadow Gulch Divide, 0.2 mi .E. of junction of State Highways 10 and 72, 3 ft . N. of State High-way 10, on lava boulder; chiseled circle6, 728. 90
Meadow Gulch Divide, 6.9 mi . SE. of, at highway junction, 18 ft .SW. of State Highway 10, 30 ft . SE. of State Highway 72, onsummit of bench; iron pipe stamped " 6815 " (recovered by U. S. C.\& G. S. in 1934)6, 816. 367
Meadow Gulch Divide, 6.3 mi . SE. of, 0.6 mi . W. of highway junction,20 ft . N. of State Highway 10, near W. end of sage flat, on lavaboulder, 2 ft . above ground; chiseled cross$6,879.34$
Meadow Gulch Divide, 5.3 mi . SE. of, 200 ft . N. of base of timberedhill, 60 ft . S. of highway near E. edge of flat, near lone black lavaboulder, in concrete post; standard tablet stamped "18 69901923"'6, 991.411Meadow Gulch Divide, 4.0 mi . SE. of, 60 ft . N. and 180 ft . W. frompoint where highway crosses large wash, $1,000 \mathrm{ft}$. E. of U. S. ForestService fence; iron pipe stamped " 7194 " (U. S. Forest Service B. M.) - 7, 196. 00
Meadow Gulch Divide, 3.3 mi . SE. of, 600 ft . E. of bridge over Clear Creek, 50 ft . E. of clump of oak brush, 10 ft . S. of highway; iron pipe stamped " 7303 "7, 303. 93
Meadow Gulch Divide, 2.5 mi . SE. of, 500 ft . W. of bridge over Red Creek, 20 ft . N. of center line of highway, in concrete post; standard tablet stamped "197462 1923" (recovered by U. S. C. \& G. S. in 1934) 7, 463.705


## ADAMS HEAD QUADRANGLE

## [Latitude $37^{\circ} 30^{\prime}-38^{\circ} 00^{\prime}$; longitude $112^{\circ} 00^{\prime}-112^{\circ} 30^{\prime}$ ]

## GARFIELD, IRON, AND KANE COUNTIES

> From Orderville quadrangle northeast along J . S. Highway 89 to Orton, thence west along State Highway 20 into Parowan quadrangle (first-order leveling by E. E. Harris in 1931)

Hatch, 10.3 mi . SW. of town hall, 11 ft . E. of center line of highway, in center of concrete head wall of culvert; chiseled square

7, 249. 02
Hatch, 9.3 mi . SW. of, 70 ft . S. of bridge, 39 ft . SE. of center line of highway, 3 ft . SE. of fence line, in concrete post; standard tablet stamped " 1931 H 21"

7, 171. 898
Reference mark, 69 ft . N. $30^{\circ} \mathrm{E}$. of tablet, on S. end of E. head wall of bridge; chiseled square

7, 170. 51
Hatch, 8.6 mi . SW. of, $1,200 \mathrm{ft}$. S. of Garfield-Kane county line, 12 ft. E. of center line of highway, in center of concrete head wall of culvert; chiseled square

7, 141. 71
Hatch, 7.6 mi . SW. of, $3,870 \mathrm{ft}$. N. of county line, on E. side of highway, in cross-beam of wooden culvert; copper nail and washer-.---
$7,094.45$
Hatch, 6.8 mi . SW. of, 24 ft . W. of center line of highway, 4 ft . S. and 2 ft . E. from corner fence post, at NE. corner of Little ranch, in concrete post; standard tablet stamped "1931 H 22"

7, 079.861
Hatch, 6.2 mi . SW. of, at junction of dim rd. E. along N. side of dry. creek, at NE. corner of wooden bridge, in cross-beam; copper nail and washer

7, 036.98
Hatch, 5.4 mi. SW. of, in NW. corner of bridge over Asay Creek; copper nail and washer

6, 999.49
Hatch, 4.7 mi . SW. of, 22 ft . E. of center line of highway at summit of grade, on $20-\mathrm{in}$. corrugated drain pipe; chiseled square

7, 077.93
Hatch, 3.9 mi . SW. of, on small knoll, 350 ft . NE of small bridge, 47 ft . E. of center line of highway, in concrete post; standard tablet stamped " 1931 H 23",

7, 024.543

Hatch, 2.0 mi . SW. of, at SE. end of small wooden bridge, in log guard rail; copper nail and washer

6, 939.35
Hatch, 1.3 mi . SW. of, at junction of rd. SW. to hatchery No. 8, 24 ft . E. of center line of highway, on lava boulder; chiseled square_ 6, 983. 78

[^3]Hatch, 150 ft . NE. of NE. corner of town hall, 46 ft . S. of crossroads,55 ft . W. of highway, $2 \mathrm{ft} . \mathrm{N}$. and 6 ft . W. from corner of fence,in concrete post; standard tablet stamped " 1931 H 24"
highway, in timber; copper nail and washer ..... 6, 884. 146, 916.449
Hatch, 1.6 mi . NE. of, at SE. corner of wooden bridge over drain,in timber; copper nail and washer6, 873. 94
Hatch, 2.4 mi . NE. of, 16 ft . SW. of ranch rd. E. across creek, 38ft . SE. of center line of highway, 11 ft . NW. of fence line, inconcrete post; standard tablet stamped "1931. H 25"$6,850.488$
Hatch, 3.5 mi . NE. of, 610 ft . SE. of deserted shack, 17 ft . SW. of center line of highway, on slope of hill, on large boulder; chiseled square ..... 6, 843. 38
Hatch, 4.5 mi . NE. of, on SE. side of highway, in end of box culvert; copper nail and washer ..... 6, 830. 93
Hatch, 5.3 mi . NE. of, on N. side of wash crossing highway, on W. side of highway, on large boulder; chiseled square ..... 6, 807. 95
Hatch, 6.3 mi . NE. of, 28 ft . N. of junction of rd. E. to Hillsdale, 28 ft . E. of center line of highway, in concrete post; standard tablet stamped "1931 H 26" ..... 6, 780. 249
Hatch, 7.2 mi . NE. of, just N. of drain, 30 ft . E. of center line of high- way, on lava boulder; chiseled square ..... 6, 772. 08
Hatch, 8.5 mi . NE. of, 7.0 mi . SE. of Panguitch, in SW. corner of largetriangle at highway junction, 30 ft . E. of U. S. Highway 89, 53 ft .NW. of State Highway 12, in concrete post; standard tablet stamped"1931 H 27" (recovered by U. S. C. \& G. S. in 1934)6, 746. 053
Reference mark, 240 ft . N. $45^{\circ} \mathrm{E}$. of tablet; cap on iron post stamped"State road right-of-way"6, 747. 995
Panguitch, 6.1 mi . SE. of courthouse, just S. of ranch rd. E. acrosscreek, 25 ft . E. of center line of highway, in center of concrete headwall of culvert; chiseled square6, 705. 53
Panguitch, 5.2 mi . SE. of, 16 ft . E. of center line of highway at sharpcurve, in center of concrete head wall of culvert; chiseled square_.. 6, 697. 70Panguitch, 4.2 mi . SE. of, 14 ft . W. of center line of highway, in centerof concrete head wall of culvert; chiseled square6, 686. 10Panguitch, 4.0 mi . SE. of, 150 ft . N. of junction of dim rd. E., 26 ft . E.of center line of highway at summit of grade, in concrete post;standard tablet stamped " 1931 H 42 " (recovered by U. S. C. \&G. S. in 1934)6, 700. 856
Panguitch, 2.9 mi . SE. of, 17 ft . E. of center line of highway at break- water wall, in center of concrete head wall of culvert; chiseled square ..... 6, 627. 11
Panguitch, 2.1 mi . SE. of, 15 ft . W. of center line of highway at foot of grade from N., in center of concrete head wall of culvert; chiseled square ..... 6, 620.44
Panguitch, 1.4 mi . E. of, at junction of highway and old rd. E., in center of concrete head wall of culvert; chiseled square ..... 6, 600. 94
Panguitch, at E. limits of, 0.8 mi . E. of courthouse, 49 ft . S. of center line of highway, 2 ft . N. and 23 ft . W. from corner fence post, 10 ft . W. of sign reading "Entering Panguitch," in concrete post; standard tablet stamped "1931 H 43" (recovered by U. S. C. \& G. S. in 1934)Reference mark, 62 ft . N. of tablet, in center of concrete head wall ofculvert; chiseled square6, 586. 82

Panguitch, in courthouse yard, 8 ft . S. of center line of concrete walk, 52 ft . W. of W. wall of building, 8 ft . E. of rail fence, in concrete post;
standard tablet stamped "1931 H 44". (recovered by U. S. C. \& G. S. in 1934)

Feet
6, 624. 226
Reference.mark, 410 ft . N. $30^{\circ} \mathrm{W}$. of tablet, at Tom's service sta., on NE. corner of concrete walk; chiseled square

6, 621. 32
Panguitch, near N. limits of, 0.9 mi . N. of courthouse, in top of NE. concrete abutment of bridge over creek; standard tablet stamped "1931 H 45"

6, 582. 300
Panguitch, 1.8 mi . N. of, 11 ft . S. of junction of farm rd., 16 ft . W. of center line of highway, in NW. corner of box culvert; copper nail and washer 6, 552. 91
Panguitch, 2.8 mi . N. of, 35 ft . N. of farmyard gate, 13 ft . E. of center line of highway, in SE. corner of box culvert; copper nail and washer

6, 537. 80
Panguitch, 3.8 mi . N. of, 44 ft . S. of junction of T-rd. E., 54 ft . E. of center line of highway, 28 ft . S. and 3 ft . W. from corner fence post, in concrete post; standard tablet stamped "1931 H 46"........... 6, 548. 812
Reference mark, 80 ft . N. $40^{\circ} \mathrm{E}$. of tablet, in root on NE. side of $12-\mathrm{in}$. poplar tree; copper nail and washer

6, 546. 69
Panguitch, 4.6 mi . N. of, 14 ft . W. of center line of highway, in NW. corner of box culvert; copper nail and washer 6, 527. 70
Panguitch, 5.6 mi . N. of, 51 ft . S. of junction of farm rd. W., $17 \mathrm{ft} . \mathrm{W}$. of center line of highway, 20 ft . E. of fence line, on boulder; chiseled square

6, 504, 83
Panguitch, 6.4 mi . N. of, 70 ft . N. of junction of line of telephone poles W. along ranch rd., 13 ft . W. of center line of highway, in SW. corner of box culvert; copper nail and washer

6, 517. 68
Orton, 3.1 mi . S. of, 7.2 mi . N. of Panguitch, on knoll between two drains, 85 ft . E. of center line of highway, 2 ft . W. of fence line, in concrete post; standard tablet stamped "1931 H 47" (recovered by U. S. C. \& G. S. in 1934)

6, 491. 975
Orton, 2.5 mi . S. of, 40 ft . S. of junction of old rd. to Bear Valley, 16 ft . E. of center line of highway, in center of concrete head wall of culvert; chiseled square

6, 472.16
Orton, 1.7 mi . S. of, 120 ft . N. of juriction of private rd. E., 12 ft . E. of center line of highway, on SE. corner of concrete bridge; chiseled square

6, 469. 11
Orton, 1.0 mi . S. of, 830 ft . S. of junction of farm rd. E., 16 ft . E. of center line of highway, in center of concrete head wall of culvert; chiseled square

6, 460.67
Oriton, 490 ft . S. of junction of State Highway $20,13 \mathrm{ft}$. E. of center line of highway, in center of concrete head wall of culvert; standard tablet stamped "1931 H 48" (recovered by U. S. C. \& G. S. in 1934)

6, 467. 704
Orton, 0.7 mi . W. of, 180 ft . W. of rd. fork at abandoned dwelling, 44 ft. S. of center line of highway, on boulder; chiseled square _-...- 6, 492. 44
Orton, 2.1 mi . W. of, at point of hill, 7 ft . N. of center line of highway, on rock outcrop; chiseled square.

6, 602. 26
Orton, 3.1 mi . W. of, 18 ft . S. of center line of highway, 10 ft . S. and 2 ft. W. from corner fence post, in concrete post; standard tablet stamped " 1931 . H 49"

6, 689. 485
Garfield-Iron county line; center of rd 6, 710.0
Orton, 5.2 mi . W. of, 9 ft . E. of center line of highway at " S " curve, ..... Feet on rock outcrop; chiseled square ..... 6, 904. 28
From U. S. Highway 89 at point 8.5 miles north of Hatch southeast along State Highways 12 and 54 to Tropic (by E. E. Harris in 1931; leveled twice)
Hatch, 8.5 mi . N. and 0.8 mi . E. from, 4.6 mi W. of Red Canyon saw- mill, 9 ft . S. of center line of highway, in center of concrete bridge, on base of parapet wall; chiseled square (recovered by U. S. C. \& G. S. in 1934) ..... 6, 819. 661
Red Canyon sawmill, 3.3 mi . W. of, 13 ft . S. of center line of highway, on SE. end of concrete head wall of culvert; chiseled square (re- covered by U. S. C. \& G. S. in 1934) ..... 7, 003. 726
Red Canyon sawmill, 2.3 mi W. of, 100 ft . W. of dim woods rd. N.,30 ft . N. of center line of highway at curve, on E. side of wash, inconcrete post; standard tablet stamped "1931 H 28" (recoveredby U. S. C. \& G. S. in 1934)7, 146. 980
Red Canyon sawmill, 1.4 mi، W. of, 13 ft . N. of center line of highway, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) ..... 7, 257. 321
Red Canyon sawmill, 1.0 mi . W. of, on SE. concrete abutment of bridge over drain; chiseled square (recovered by U. S. C. \& G. S. in 1934) ..... 7, 336. 061
Red Canyon sawmill, just N. of, on SE. concrete abutment of bridge over drain; chiseled square (recovered by U. S. C. \& G. S. in 1934)Red Canyon sawmill, 0.5 mi . SE. of, 27 ft . S. of center line of highwayat curve, beneath telephone wires, in concrete post; standard tabletstamped "1931 H 29" (recovered by U. S. C. \& G. S. in 1934) .--7, 545. 024
Reference mark, 103 ft . NE. of tablet, in center of concrete head wall of culvert; chiseled square ..... $7,545.23$
Red Canyon sawmill, 1.2 mi . SE. of, on SE. concrete abutment of bridge over drain; chiseled square (recovered by U. S. C. \& G. S. in 1934) ..... 7, 603. 528
Red Canyon sawmill, 2.3 mi . SE: of, $1,350 \mathrm{ft}$. E. of sign reading "RedCanyon," 400 ft . W. of rd. fork at curve in highway to NE., 13 ft .$S$. of center line of highway, in end of box culvert; copper nail andwasher$7,803.16$
Red Canyon sawmill, 3.7 mi . SE. of, 1.9 mi . N. and 10.5 mi . W. from Tropic, 66 ft . N. of center line of highway at summit of grade, on wooded hill, in concrete post; standard tablet stamped "1931 H 30" (recovered by U. S. C. \& G. S. in 1934) ${ }^{5}$ ..... 7, 799. 459
Reference mark, 48 ft . N. of tablet, in root on SE. side of $30-\mathrm{in}$. cedar tree; copper nail and washer ..... 7, 794. 78
Tropic, 11.4 mi . NW. of, 13 ft . N. of center line and 3 ft . lower than level of highway, on 18 -in. drain pipe; chiseled square ..... 7, 720. 30Tropic, 10.5 mi . NW. of, 13 ft . W. of junction of T-rd. S. to TropicReservoir, 67 ft . S. of center line of highway, 8 ft . N. of corner fencepost, on long boulder set flush with ground; chiseled square7, 672. 02Tropic, 9.3 mi . NW. of, 45 ft . E. of junction of private rd. N., 40 ft . N.of center line of highway, 2 ft . S. and 26 ft . E. from corner fencepost, in concrete post; standard tablet stamped "1931 H 31" (re-covered by U. S. C. \& G. S. in 1934)7, 614. 345

[^4]


#### Abstract

From The Triangle 2 miles north of Rubys Inn southwest along State Highway 12 to point 4.5 miles southwest of Bryce Canyon National Park Lodge, thence generally north and west to Tropic Reservoir, thence northeast to point on State Highway 122.8 miles northwest of The Triangle (by E. E. Harris in 1931)


Rubys Inn, 0.7 mi . NE. of, on E. side of highway, in center of con- Feet

Rubys Inn, just E. of, 28 ft . W. of center line of highway, in concrete post; standard tablet erroneously stamped " 1931 H 33 7653"...-

7, 657. 240
Rubys Inn, 1.0 mi . S. of, 2.2 mi . N. of Bryce Canyon National Park Lodge, on W. side of highway, on N. end of concrete head wall of culvert; chiseled square

7, 749. 85
Bryce Canyon Lodge, 1.4 mi . N. of, 0.2 mi . S. of rd. fork to Boat Mountain and Fairyland, on W. side of highway, in center of concrete head wall of culvert; chiseled square

7, 879. 45
Bryce Canyon Lodge, 0.7 mi . N. of, 190 ft . S. of traffic checking station, on W. side of highway, on N. end of concrete head wall of culvert; chiseled square
$7,895.05$
Sunrise Point triangulation station, in central part of hexagonal lookout house, in floor directly under peak of roof; standard tablet not stamped

8, 016. 632
Sunset Point triangulation station, in central part of hexagonal lookout house, in concrete floor directly under peak of roof; standard tablet stamped " 8000 "

7, 999.379
Reference mark, 36 ft . (true azimuth) $130^{\circ} 39^{\prime}$ from tablet, witness corner to Tps. 36 and 37 S., Rs. 3 and 4 W.; top of iron pipe with General Land Office cap stamped " 1925 "

8, 002. 109
Bryce Canyon Lodge, in E. wall of building, on S. side of main entrance, 5 ft . above brick wall, set vertically in boulder of stone chimney; standard tablet stamped " 1931 H 35 7978"

7, 977. 493

Inspiration Point triangulation station, in central part of hexagonal lookout house, in concrete floor directly under peak of roof; standard tablet stamped "H 3719318316 ".

8, 315. 226
Bryce Canyon Lodge, 0.8 mi . SW. of, in triangle formed by forks of highway, in root on E. side of 48 -in. lone pine tree; copper nail and washer

8, 070. 10
Bryce Canyon Lodge, 1.9 mi . SW. of, 150 ft . N. of highway, NW. of junction of rd. to Little Bryce Canyon, in root on SE. side of 36 -in. pine tree; copper nail and washer.

7, 931.37
Bryce Canyon Lodge, 2.6 mi . SW. of, 200 ft . N. of highway, 140 ft . W. of junction of rd. to Union Construction camp, in root on N . side of $30-\mathrm{in}$. pine tree; copper nail and washer

7, 939.44
Bryce Canyon Lodge, 3.8 mi . SW. of, S. of hollow to E., on E. side of
highway, on E. slope of hill, in root on E. side of 36 -in. pine tree;
copper nail and washer--------------------------------1, 927.39
Bryce Canyon Lodge, 4.5 mi . SW. of, near rim of canyon, 250 ft . SE. of curve in highway, on small knoll, 20 ft . SW. of three large pine trees, in concrete post; standard tablet stamped "1931. H 38 7998" - 7, 997. 559
Reference mark, 83 ft . $\mathrm{S} .55^{\circ} \mathrm{W}$. of tablet, in root on NW. side of $30-\mathrm{in}$. pine tree; copper nail and washer.

7, 992. 50
Tropic Reservoir, 3.6 mi . by route NE. of, 0.5 mi . N. of Union Con- struction camp, 0.5 mi . S. of sawmill, 200 ft . W. of rd., at SW. corner ..... Feetof flume; copper nail and washerTropic Reservoir, 3.1 mi . NE. of, 200 ft . SW. of Syrett sawmill, 150 ft .NW. of rd., on small knoll, in concrete post; standard tablet stamped"1931 H 40 7824"7, 823. 472
Tropic Reservoir, 2.3 mi . NE. of, 0.8 mi . W. of sawmill, at rd. fork at summit of grade, in root on N. side of forked pine tree; copper nail and washer ..... 7, 956.69
Tropic Reservoir, 1.3 mi . NE. of, 25 ft . N. of rd. at summit of grade, in root on SE. side of 15 -in. pine tree; copper nail and washer_.... ..... 7, 988.15
Tropic Reservoir, at N. end of spillway, in top of weir; standard tab- let stamped "1931 H 40 7855" ..... 7, 831. 277
Reference mark, in root on E. side of large pine tree; copper nail and washer ..... 7, 858. 09
Tropic Reservoir, 1.7 mi . N. of, 20 ft . W. of rd., in root on NE. side of pine tree; copper nail and washer ..... 7, 767. 05
Tropic Reservoir, 2.6 mi . N. of, 800 ft . N. of abandoned log cabin, at curve in rd. to NW., on N. slope of Blue Fly Creek, on rock out- crop; chiseled square ..... 7, 750. 76
Tropic Reservoir, 3.6 mi . N. of, 60 ft . S. of wash, $56 \mathrm{ft} . \mathrm{W}$. of rd., in large boulder; standard tablet stamped "1931 H 41 7767" ..... 7, 766. 748
Reference mark, 68 ft . E. of tablet, on boulder; chiseled square ..... 7, 757. 54
Tropic Reservoir, 5.0 mi . N. of, at rd. fork, in root on E. side of pine tree; copper nail and washer ..... 7, 749. 24
Tropic Reservoir, 6.2 mi . N. of, on E. side of dim rd. fork, on small boulder; chiseled square ..... 7, 654. 34
Tropic Reservoir, 7.2 mi . N. of, at NW. corner of abandoned bridge, in cross-beam; copper nail and washer ..... 7, 638. 42
From Orton northeast along U. S. Highway 89 into Delano Peak No. 3 quad- rangle (by E. E. Harris in 1931)Orton, 1.1 mi . NE. of, on E. side of highway at summit of grade, onboulder; chiseled square (recovered by U. S. C. \& G. S. in 1934) ....$6,472.894$Orton, 2.1 mi . NE. of, on E. side of highway near summit of grade, onboulder; chiseled square6, 456. 42Orton, 3.2 mi . NE. of, 18 ft . E. of center line of highway, 32 ft . W. offence line, on $N$. end of concrete head wall of culvert over canal;standard tablet stamped " $1931 \mathrm{H} \quad 70$ " (recovered by U. S. C. \&G. S. in 1934)$6,371.857$
ANTELOPE MOUNTAIN QUADRANGLE
[Latitude $39^{\circ} 00^{\prime}-39^{\circ} 30^{\prime}$; longitude $113^{\circ} 00^{\prime}-113^{\circ} 30^{\prime}$ ]
MILLARD COUNTY

From Confusion Range quadrangle east and southeast by way of Antelope Pass into Deseret quadrangle at point about $\overline{7}$ miles east of Soap Hollow (by T. A. Green in 1908)
Tule Spring, 6.1 mi . E. of, 7.2 mi . W. of junction of rd. N. to Antelope Spring, 45 ft . N. of rd., in rock on W . side of rock monument; aluminum tablet stamped " 4759 "
Antelope Spring, 1.2 mi . W. of junction of rd. N. to, at summit of main divide of House Range, 20 ft . N. of rd., 15 ft . W. of divide, in limestone outcrop; aluminum tablet stamped " 6740 ".

Antelope Spring, 5.0 mi . SE. of, 5.0 mi . W. of Soap Hollow, 0.7 mi . E. of crossroads, 40 ft . S. of rd., on end of small ridge between two washes, in oblong boulder; aluminum tablet stamped " 5547 " 5,550. 732
Soap Hollow, 1.5 mi . E. of, at top of ridge, 200 ft . E.., of saddle, 50 ft . N. of rd., in sandstone outcrop; aluminum tablet stamped " 5001 " (recovered in 1936)

5, 003. 761
From Drum quadrangle southwest along Drum-Swasey Spring road 1.7 miles, thence southeast and southwest along roads in Whirlwind Valley to crossroads about 4 miles southeast of Antelope Spring (by T. A. Green in 1808)
Swasey Spring, 5.0 mi . SE., thence 3.0 mi . N. of by rds., about 2 mi . NW. of head of Swasey Wash, 20 ft . W. of rd.; standard iron post with bronze cap stamped " 5026 "

5, 028.751
Swasey Spring, about 7 mi . along rd. SE. of, 6.0 mi . in air line E. of Antelope Spring, 50 ft . E. of rd., in blue limestone rock; aluminum tablet stamped " 5222 "

5, 224. 923

## BECKWITH PEAK QUADRANGLE

[Latitúde $39^{\circ} 00^{\prime}-39^{\circ} 15^{\prime}$; longitude $110^{\circ} 15^{\prime}-110^{\circ} 30^{\prime}$ ]

## EMERY COUNTY

From Grassy quadrangle south and southeast along Denver \& Rio Grande Western Railroad into Gunnison Butte quadrangle (by L. F. Biggs in 1910; leveled twice)
Cliff siding, about 6 mi . SE. of Woodside, 6 ft . S. of telephone pole, in rear of telephone booth, at E. side of right-of-way; standard iron post with bronze cap stamped "4824 49" (recovered by U. S. C. \& G. S. in 1927)

4, 826.217
Cliff siding, 3.2 mi . S. of, about 9 mi . SE. of Woodside, 0.4 mi . S. of milepost 572, at E. side of right-of-way; standard iron post with bronze cap stamped " 4663 50" (recovered by U. S. C. \& G. S. in 1927) ---
Desert, about 100 ft . S. of sta., 12.6 mi . SE. of Woodside, 10 ft . W. of milepost 568, at E. side of right-of-way; standard iron post with bronze cap stamped "4510 51" (recovered by U. S. C. \& G. S. in 1927)

4, 511. 966
Desert, 5.0 mi . S. of, about 8 mi . NW. of Greenriver, 500 ft . N. of milepost 563 , in E . end of S . abutment of bridge $563-\mathrm{A}$; aluminum tablet stamped " 4353 52" (recovered by U. S. C. \& G. S. in 1927)

4, 355. 733
Greenriver, 6.2 mi . NW. of, at Sphinx siding, 0.2 mi . NW. of milepost $561,10 \mathrm{ft}$. E. of telephone booth, on E. side of right-of-way; standard iron post with bronze cap stamped "4280 53 " (recovered by U. S. C. \& G. S. in 1927)

4, 281. 560

## BLUFF QUADRANGLE

[Latitude $37^{\circ} 00^{\prime}-37^{\circ} 30^{\prime}$; longitude $109^{\circ} 30^{\prime}-110^{\circ} 00^{\prime}$ ]
SAN JUAN COUNTY
From Elk Ridge quadrangle southeast along Mormon Trail and Comb Wash to State Highway 47 at point 9.5 miles southwest of Bluff (by E. H. Larson in 1984)

Cane Gulch, 2.3 mi . SE. of point where Mormon Trail crosses, 0.3 mi .
SE. of Long Flat, 20 ft . ENE. of trail, in small sandstone outcrop; standard tablet stamped "6620 EL 29 1934"

6, 618. 736
Reference mark, 70 ft . W. of tablet, 25 ft . WSW. of trail, in base on NE. side of $16-\mathrm{in}$. juniper tree; copper nail and washer
$6,621.13$
Cane Gulch, 3.1 mi . SE. of, on ridge, 40 ft . S. of trail, in base on NW. ..... Feet side of 8 -in. leaning piñon tree; copper nail and washer ..... 6, 510. 07
Cane Gulch, 4.0 mi . SE. of, about 225 ft . W. of W. rim of Butts Can- yon, 180 ft . NNE. of trail, in large sandstone outcrop; standard tab- let stamped " 6351 EL 30 1934" ..... 6, 349. 563
Reference mark, 70 ft . SE. of tablet, 170 ft . NNE. of trail, on sand- stone outcrop; chiseled square ..... 6, 347. 56
Cane Gulch, 4.8 mi . SE. of, 50 ft . ESE. of trail, on N. rim of McLloyd Canyon, on sandstone ledge; chiseled square ..... 6, 310. 66
Cane Gulch, 6.0 mi . SE. of, 10 ft . W. of trail, on S. bank of large drain-age channel, in sandstone outcrop; standard tablet stamped "6168EL 31 1934"6, 167. 099
Reference mark, 95 ft . NNE. of tablet, 20 ft . ENE. of trail, on N. bank of drainage channel, in root on SE. side of $24-\mathrm{in}$. juniper tree; copper nail and washer. ..... 6, 164. 85
Cane Gulch, 8.2 mi . SE. of, 70 ft . S. of trail, on N. rim of Owl Creek Canyon, in sandstone ledge; standard tablet stamped " 6193 EL 32 1934" ..... 6, 191. 568
Reference mark, 70 ft . W. of tablet, 50 ft . S. of trail, on sandstone ledge; chiseled square ..... 6, 193. 81
Cane Gulch, 9.2 mi . SE. of, 10 ft . SW. of trail, on ridge between McLloyd and Owl Creek Canyons, in base on SE. side of 8 -in. piñon tree; copper nail and washer ..... $6,135.87$
Cane Gulch, 10.2 mi . SE. of, 30 ft . S. of trail, on ridge N. of Owl Creek Canyon, in sandstone mound; standard tablet stamped "5999 EL 33 1934" 5, 997. 803
Reference mark, 90 ft . NW. of tablet, 40 ft . N. of trail, in sandstone mound; copper nail and washer set with cement ..... 5, 995. 64
Cane Gulch, 11.2 mi . SE. of, 11.8 mi . NW. of mouth of Road Canyon, 140 ft . NNE. of trail, in base on S. side of 16 -in. piñon tree; copper nail and washer 5, 832.65
Road Canyon, 10.7 mi . NW. of mouth of, on Snow Flat, 110 ft . SSW. of trail, in sandstone outcrop; standard tablet stamped " 5699 EL 34 1934" ..... 5, 698. 444
Reference mark, 80 ft . NW. of tablet, 110 ft . SSW. of trail, on sand- stone outcrop; chiseled square ..... 5, 700. 03
Road Canyon, 9.7 mi . NW. of mouth of, on Snow Flat, 55 ft . N. of trail, on large sandstone outcrop; chiseled square ..... $5,577.86$
Road Canyon, 8.3 mi . NW. of mouth of, on Snow Flat, 400 ft . SW. of trail, in highest point of sandstone outcrop; standard tablet stamped " 5563 EL 35 1934" ..... 5, 561. 886
Reference mark, 90 ft . E. of tablet, 350 ft . SW. of trail, on sandstone outcrop; chiseled square ..... 5, 554. 24
Road Canyon, 7.5 mi . NW. of mouth of, on Snow Flat, 40 ft . SW. of trail, on highest point of sandstone outcrop; chiseled square ..... $5,484.46$
Road Canyon, 6.6 mi . NW. of mouth of, on S. rim of Snow Flat, 160 ft . SE. of trail, in sandstone ledge; standard tablet stamped " 5312 EL 36 1934" ..... 5, 311. 478
Reference mark, 60 ft . WSW. of tablet, 140 ft . SE. of trail, on sand- stone outcrop; chiseled square ..... $5,311.96$
Road Canyon, 5.5 mi . NW. of mouth of, between Snow Flat and Comb Wash, on divide across canyon S. from balanced rock, 140 ft . SSW. of trail, on sandstone outcrop; chiseled square
Feet
5, 068.91
Road Canyon, 4.4 mi . NW. of mouth of, between Snow Flat and Comb Wash, 75 ft . NNE. of trail, in high sandstone ledge; standard tablet stamped " 5010 EL 37 1934"
5, 009. 177
Reference mark, 101 ft . ENE. of tablet, 150 ft . ENE. of trail, on sandstone ledge; chiseled square
5, 009. 47
Road Canyon, 3.5 mi . NW. of mouth of, between Snow Flat and Comb Wash, 300 ft . N. of trail, on sandstone outcrop; chiseled square
4, 974.46
Road Canyon, 2.5 mi . NW. of mouth of, between Snow Flat and Comb Wash, 125 ft . NE. of trail, in sandstone outcrop; standard tablet stamped " 4850 EL 38 1934"
4, 849.487
Reference mark, 70 ft . SE. of tablet, 125 ft . NE. of trail, in root on NW. side of 12 -in. juniper tree; copper nail and washer
4, 847. 28
Road Canyon, 1.5 mi . NW. of mouth of, $1,200 \mathrm{ft}$. NW. of junction of Mormon and second-class trails, 50 ft . SW . of second-class trail, on NE. rim of canyon, on sandstone ledge; chiseled square
4, 641. 23
Road Canyon, 0.5 mi . NW. of junction with Comb Wash, in sec. 1, T. $40 \mathrm{~S} .$, R. 20 E., 165 ft . SW. of rocky formation in SW. bank of Road Canyon Wash, in sandstone ledge; standard tablet stamped "4492 EL 39 1934"
4, 491. 241
Reference mark, 25 ft . E. of tablet, 150 ft . SW. of SW. bank of wash, on sandstone ledge; chiseled square
4, 489. 04
T. 40 S., R. 20 E., sec. $12,0.5 \mathrm{mi}$. S. of junction of Road Canyon and Comb Wash, on hill on E. side of Comb Wash, $1,200 \mathrm{ft}$. SE. of clump of cottonwood trees, in sandstone ledge; copper nail and washer set with cement
$4,484.21$
T. 40 S., R. 20 E., sec. 13, 3.0 mi. N. of point where State Highway 47 (Bluff-Mexican Hat rd.) crosses Comb Wash, on E. side of Comb Wash at base of Comb Reef, in large sandstone boulder; standard tablet stamped " 4443 EL 40 1934"
4, 442. 477
Reference mark, 50 ft . SW. of tablet, in small sandstone outcrop; copper nail and washer set with cement
$4,442.80$
T. 40 S., R. 20 E., sec. 24 , on W. side of Comb Wash, 2.0 mi . N. of crossing of State Highway 47 and Comb Wash, on sandstone outcrop; chiseled square
4, 389.78
U. S. C. \& G. S. standard disk stamped "V 23 1933" $\ldots$.-.......-.- 4, 405. 861
Reference mark, 55 ft . NNE. of disk, 50 ft . E. of State Highway 47, on knoll, on boulder projecting 6 in. above ground; chiseled square
$4,404.41$

## BONANZA QUADRANGLE ${ }^{6}$

[Latitude $40^{\circ} 00^{\prime}-40^{\circ} 30^{\prime}$; longitude $109^{\circ} 00^{\prime}-109^{\circ} 30^{\prime}$ ]
UINTAH COUNTY
Jensen, on W. bank of Green River, 252 ft . S. of W. end of highway bridge, 160 ft . S. of Kelley store, in hayfield; standard iron post with bronze cap ${ }^{7}$

4, 738. 229

[^5]
# BROWNS PARK QUADRANGLE ${ }^{8}$. 

[Latitude $40^{\circ} 30^{\prime}-41^{\circ} 00^{\prime}$; longitude $109^{\circ} 00^{\prime}-109^{\circ} 30^{\prime}$ ]

## DAGGETT AND UINTAH COUNTIES


#### Abstract

From Utah-Wyoming State line near Red Creek southeast along trail and road to Bridgeport, thence southwest about 6 miles to northeast side of Diamond Mountain (by J. H. Kent in 1905; unchecked spur line)


| Bridgeport, 8.0 mi NW. of, 4.0 mi . W. of Jessie Ewing Canyon, ne Clays Basin, on second knoll E. of Red Creek, 20 ft . N. of trail standard iron post with bronze cap stamped " 6323 "' | $\begin{gathered} \text { Feet } \\ 6,323.167 \end{gathered}$ |
| :---: | :---: |
| Bridgeport, 5.0 mi . NW. of, at head of Jessie Ewing Canyon, 20 ft . S of rd., near cairn, in stone; standard tablet stamped " 6991 " | $6,990.799$ |
| Bridgeport, at Crouse ranch, on N. bank of Green River, 50 ft . W rd., between dwelling and barn, in stone; standard tablet stamp " 5440 " $\qquad$ | 5, 439. 301 |
| Green River; surface of water Oct. 4, 190 | 5, 426. 7 |
| Bridgeport, 6.0 mi . SW. of, at base on NE. side of Diamond Mtn opposite rd. to spring, in stone; standard tablet stamped " 5688 " |  |

# CALLAO QUADRANGLE <br> [Latitude $39^{\circ} 30^{\prime}-40^{\circ} 00^{\prime}$; longitude $113^{\circ} 30^{\prime}-114^{\circ} 00^{\prime}$ ] <br> MILLARD, JUAB, AND TOOELE COUNTIES 

From Drum quadrangle northwest along Callao-Fish Springs road to Callao, thence southwest by way of Trout Creek into Confusion Range quadrangle at point 3.5 miles northeast of Gandy (by T. A. Green in 1908)

Callao, 9.7 mi. SE. of, 4.4 mi. W. of Fish Springs, at Boyd Sta., 40 ft .
$\mathbf{N}$. of junction of main rd. SW. to Trout Creek; standard iron post
with bronze cap stamped " 4348 "

$4,350.426$

Callao, 4.6 mi . SE. of, 40 ft . N. of rd.; standard iron post with bronze
cap stamped " 4326 " (recovered by U. S. C. \& G. S. in 1934) _... 4, 328. 682
Callao, in angle on W. side of cut-off rd. SW., 200 ft . SE. of SE. corner of ranch house of John Kearney, on S. side of rd., 10 ft . W. of field gate; standard iron post with bronze cap stamped "4326" (recovered by U. S. C. \& G. S. in 1934)

4, 329. 151
Callao, 6.2 mi . SW. of, $1,280 \mathrm{ft}$. S. of stream crossing, 40 ft . W. of rd.; standard iron post with bronze cap stamped "4813" (recovered by U. S. C. \& G. S. in 1934)
$4,815.646$
Callao, 9.6 mi . SW. of, 7.0 mi . N. of Trout Creek post office, 900 ft . W. of dry lake, 40 ft . W. of rd., in large granite boulder; aluminum tablet stamped " 4974 " (recovered by U. S. C. \& G. S. in 1934)

4, 976.804
Trout Creek, 2.8 mi . N. of, 28 ft . W. of rd., 15 ft . W. of boulder, in rock; aluminum tablet stamped " 4821 " (recovered by U. S. C. \& G. S. in 1934)

4, 823. 471
Trout Creek, 1.6 mi . N. of, 40 ft . N. of junction of rd. NE. to Fish Springs; standard iron post with bronze cap stamped " 4679 "
$4,682.341$
Trout Creek, 4.8 mi . SW . of, 25 ft . W. of rd., on sandy ridge between two salt marshes; standard iron post with bronze cap stamped "4735"
$4,738.835$
Trout Creek, 10.8 mi . SW. of, 9.0 mi . NE. of Gandy, 50 ft . W. of junction of rd. SW., 10 ft . S. of rd.; standard iron post with bronze cap stamped " 4837 "
$4,840.640$

[^6]Gandy, 3.2 mi . NE. of, 150 ft . S. of junction of rd. NW., 40 ft . W. of rd.; standard iron post with bronze cap stamped " 5014 " (recovered by U. S. C. \& G..S. in 1934) ..... 5, 017.716
From point 4.6 miles southeast of Callao northwest along Fish Springs-Callao road to Callao, thence north along road into Dutch Mountain No. 4 quad- rangle near Redding Spring (by S. L. Parker in 1924)

Callao, 3.3 mi . SE. of post office, 0.5 mi . E. of rd. junction, 21 ft . N. of rd., on W. side of small drain, on boulder set in place; chiseled square 4, 326. 52
Callao, 2.0 mi . SE. of, 15 ft . N. of N . side of rd., on granite boulder set in place; chiseled square

4, 327. 08
Caliao, 165 ft . E. of SE. corner of ranch house of John Kearney, on N. side of rd., 115 ft . N. of standard iron post with bronze cap stamped " 4326 " and previously described, in root on S. side of $24-\mathrm{in}$. poplar tree; copper nail and washer $4,328.43$
Callao post office, 8 ft . N. and 12 ft . W. from gate at front entrance, in root on S . side of $12-\mathrm{in}$. poplar tree; copper nail and washer 4, 341. 54
Callao, 0.6 mi . NW . of, 105 ft . S. of rd. fork, 4 ft . S. of corner of barbed wire fence, 43 ft . E. of rd., on stone 9 in . by 11 in . at top, set in place; chiseled square$4,345.27$

Callao, 1.6 mi . N. of, 40 ft . E. of rd., in 6 - by $13-\mathrm{in}$. granite stone set in place and extending 8 in . above ground; standard tablet stamped "P 1 1924"

4, 320. 089
Reference mark, 4 ft . N. of tablet, on large boulder set in place, 11 in . below surface of ground; chiseled square

4, 318. 96
Callao, 2.6 mi . N. of, 35 ft . E. of rd.; top of $2-\mathrm{in}$. galvanized iron pipe extending 10 in . above ground
$4,307.35$
Callao, 3.7 mi . N. of, on hill covered with black gravel, 30 ft . W. of rd., on rock 6 in . square set in place and extending 7 in . above ground; chiseled square
$4,322.91$
Callao, 4.6 mi . N. of, on slight rise, 55 ft . W. of rd., in gray granite stone 7 in . by 13 in . at top, set in place and extending 8 in . above ground; standard tablet stamped "P 2 1924"
$4,317.472$

Callao, 5.7 mi . N. of, 23 ft . E. of rd., on granite boulder set in place and extending 7 in . above ground; chiseled square
$4,333.60$
From Gold Hill quadrangle southeast along ivad through Overland Canyon
to Callao (by S. L. Parker in 1924) to Callao (by S. L. Parker in 1924)
Callad, 7.2 mi . NW. of, on N. side of large wash, 10 ft . N. of rd., on stone 12 in . in diameter set in place and extending 16 in . above ground; chiseled square
$4,756.15$
Callao, 6.3 mi . NW. of, 43 ft . SW. of rd. fork; top of $2-\mathrm{in}$. iron pipe extending 2 ft . above ground

4, 641. 56
Callao, 5.5 mi . NW. of, 0.7 mi . NW. of Sixmile ranch, 15 ft . SW. of rd., on stone set in place and extending 1 ft . above ground; chiseled square
$4,620.48$
Callao, 4.8 mi . NW. of, at Sixmile ranch, 285 ft . E. of stone ranch house, 1 ft . N. and $\mathbf{7 t} \mathrm{ft}$. W. from corner of wire fence, in stone set in place; standard tablet stamped "P 14 1924" (recovered by U. S. C. \& G. S. in 1934)

4, 515. 798
Reference mark, 7 ft . W. of tablet, on stone set in place; chiseled square
$4,516.14$
Callao, 3.6 mi . NW. of, 1.2 mi . SE. of Sixmile ranch, 450 ft . NW. ofrd. fork, 15 ft . W. of rd., on granite stone with square top set inplace and extending 6 in . above ground; chiseled squareFeet4, 385. 25
Callao, 2.6 mi . NW. of, 6 ft . E. of rd., on boulder in place and extend- ing 6 in. above ground; chiseled square ..... 4, 355. 77
Callao, 1.5 mi . NW. of, 0.9 mi . NW. of rd. fork, 18 ft . E. of rd., in graygranite stone 9 in . by 12 in . at top, set in place and extending 6 in .above ground; standard tablet stamped "P 15 1924" (recoveredby U. S. C. \& G. S. in 1934)4, 363. 610
Reference mark, 6 ft . NW. of tablet, on stone set in place; chiseled square ..... 4, 363.40
CARLISLE QUADRANGLE
[Latitude $38^{\circ} 00^{\prime}-38^{\circ} 30^{\prime}$; longitude $109^{\circ} 30^{\circ}-110^{\circ} 00^{\prime}$ ]
SAN JUAN, WAYNE, AND GARFIELD COUNTIES
From Elk Ridge quadrangle northwest along road to Dugout ranch, thence southwest along J. S. Forest Service road in Cottonwood Canyon and back into Elk Ridge quadrangle (by C. C. Rich in 1934)
Dugout ranch, 5.4 mi . SE. of, 275 ft . E. of Indian Creek, 100 ft . W. of sandstone ledge, 40 ft . E. of rd., in root on SW . side of $14-\mathrm{in}$. piñon tree; copper nail and washer ..... 5, 944.63
Dugout ranch, 4.3 mi . SE. of, 125 ft . NE. of Indian Creek, 10 ft . N. of rd., in large sandstone boulder sloping S.; standard tablet stamped " 5802 CR 8 1934" ..... 5, 800. 301
Reference mark, 60 ft . SE. of tablet, on NE. corner of flat sandstone boulder; chiseled square ..... 5, 949.99
Dugout ranch, 3.3 mi . SE. of, in N. corner of alfalfa field, 20 ft . S. of rd., in root on SE. side of 24 -in. poplar tree; copper nail and washer_ ..... 5, 725. 46Dugout ranch, 2.2 mi . SE. of, on S. side of mouth of small box canyon,125 ft . E. of alfalfa field, 40 ft . E. of rd., in sandstone boulder;standard tablet stamped " 5597 CR 9 1934"5, 596. 073
Reference mark, 65 ft . ESE. of tablet, on red sandstone boulder; chiseled square ..... $5,606.14$
Dugout ranch, 1.4 mi . SE. of, 500 ft . N. of wooden gate, 75 ft . NE. of bridge over irrigation ditch, 30 ft . E. of rd., on W. bank of irrigation ditch, in crotch on S. side of 14 -in. poplar tree; copper nail and washer ..... 5, 493.62
Dugout ranch, 0.2 mi . SE. of, 100 ft . SW. of rd., in SE. corner of northernmost boulder; standard tablet stamped " 5361 CR 10 1934" ..... 5, 359. 384
Reference mark, 145 ft . SE. of tablet, on red sandstone boulder; chiseled square ..... 5, 369. 22
Dugout ranch, 1.1 mi . SW. of, on SE. side of Cottonwood Canyon, $1,000 \mathrm{ft}$. SE. of salt rd., on N. corner of flat red sandstone boulder; chiseled square ..... 5, 383.43
Dugout ranch, 2.0 mi . SW. of, on SE. side of Cottonwood Canyon, 250 ft . SE. of salt rd., in N . corner of flat sandstone boulder; standard tablet stamped " 5450 CR 11 1934" ..... 5, 448. 741
Reference mark, 60 ft . N. of tablet, on sandstone boulder; chiseled square ..... 5, 442.44Dugout ranch, 3.1 mi. SW. of, at N $1 / 4$ cor. sec. 2, T. 32 S., R. 21 E., onS. side of small saddle on SE. side of Cottonwood Canyon, 20 ft . E.of salt rd.; General Land Office tablet in quarter-corner monument_- 5, 523. 060
Dugout ranch, 3.9 mi . SW. of, on SE. side of Cottonwood Canyon, 300 ft . SE. of SE. edge of large wash, 150 ft . SE. of salt rd., in small quartzite boulder; standard tablet stamped "5576 CR 12 1934".- 5, 575. 206
Reference mark, 29 ft . WSW. of tablet, on small quartzite boulder; chiseled square

Dugout ranch, 4.9 mi . SW. of, on SE. side of Cottonwood Canyon, 200 ft . SE. of salt rd., in root on N. side of $10-\mathrm{in}$. lone piñon tree; copper nail and washer
5, 711.77

## CASTLE DALE QUADRANGLE

[Latitude $39^{\circ} 00^{\prime}-39^{\circ} 15^{\prime}$; longitude $111^{\circ} 00^{\prime}-111^{\circ} 15^{\prime}$ ]
EMERY COUNTY
From Wilsonville quadrangle southwest along State Highway 10 into Emery
No. 1 quadrangle (by C. H. Williams in 1923; part of line leveled twice)
Castle Dale, 1.8 mi . N. of, on N . end of concrete culvert; chiseled square
$5,740.94$
Castle Dale, 0.9 mi . N. of, about 2 mi . E. of Orangeville, on bench, at junction of rd. W: to Orangeville, on S. end of concrete culvert; chiseled square
$5,831.80$
Castle Dale High School, on E. side of, in second window sill N. of front door; standard tablet stamped "3 5771" (recovered by U. S. C. \& G. S. in 1934)

5, 771. 015

Castle Dale, 4.4 mi . SW. of, 3.2 mi . NE. of Clawson, 1.0 mi . SW. of junction of Orangeville rd., 30 ft . S. of rd., near fence corner; iron pipe stamped " 5728 "

5, 729. 19
Clawson, 2.0 mi . NE. of, 600 ft . N. of old Rock Canyon bridge, on W. side of rd.; iron pipe stamped " 5757 " ..... 5, 758. 78
Clawson, 1.0 mi . NE. of; 600 ft . N. of blue clay ridge and rd. cut, on E. side of rd.; iron pipe stamped " 5822 " ..... 5, 823.61
Clawson, 0.1 mi . N. of, on W. side of highway, near fence corner, on blue clay bank, in concrete post; standard tablet, stamping not recorded

5, 945.444
Clawson, 1.0 mi . SW. of, at junction of Molen rd.; iron pipe stamped " 6008 " ..... 6, 009. 41
Clawson, 2.0 mi . SW. of, 15 ft . E. of irrigation ditch, on N. side of highway; iron pipe stamped " 6023 ". ..... 6, 024.08
Ferron, 1.7 mi . NE. of, near S. side of Clawson canal, on W. side of highway; iron pipe stamped " 6050 " ..... 6, 051.74
Ferron, on S. side of high school, in step; standard tablet stamped "7 5949" (recovered by U. S. C. \& G. S. in 1934) ..... 5, 950.561
Ferron, 1.0 mi . S. of, 0.3 mi . S. of steel bridge over Ferron Creek, near fence on E. side of highway; iron pipe stamped " 5903 " ..... 5, 904.60
Ferron, 2.0 mi . S. of, 700 ft . S. of cement bridge over wash, 30 ft . E. of highway, on blue clay ridge; iron pipe stamped " 5946 " ..... $5,947.59$
Ferron, 3.9 mi . S. of, $1,400 \mathrm{ft}$. N. of Blue Dugway, $1,200 \mathrm{ft}$. S. of culvertand grove of trees, 30 ft . E. of highway, at summit of small rise;standard tablet stamped "8 5968 "5, 970.056
Ferron, 4.0 mi . S. of, 50 ft . E. of signpost, at summit of Blue Dugway, 20 ft . E. of highway; iron pipe stanıped " 6234 " ..... 6, 235. 33

[^7]Ferron, 5.0 mi . S. of, 40 ft . E. of highway, on rocky ridge; iron pipe ..... Feet
stamped " 6257 " ..... 6, 259. 03
Ferron, 6.0 mi . SW. of, at junction of Rochester rd., in concrete post; standard tablet stamped " 6313 " ..... $6,314.303$
Ferron, $6.8 \mathrm{mi} . \mathrm{SW}$. of, 10.0 mi . NE. of Emery, SW. of rd. fork, 30 ft . E. of highway at slight rise; iron pipe stamped " 6337 " ..... $6,339.14$From crossroads about 1 mile north of Castle Dale along road west to Orange-ville, thence south about 3 miles to State Highway 10 (by C. H. Williams in1923; part of line leveled twice)
Orangeville, about 1 mi . E. of, 1.2 mi . NW. of Castle Dale, 620 ft . E. of top of dugway, 20 ft . N. of rd., 15 ft . from fence; iron pipe stamped " 5838 " ..... $5,837.23$
Orangeville, 0.4 mi . E. of, on NE. side of steel bridge over Cottonwood Creek; chiseled square ..... $5,744.40$
Orangeville, on W. side of public school, in N. window sill; standardtablet stamped "4 5773" (recovered by U. S. C. \& G. S. in 1934) - 5, 772. 265Orangeville, 1.0 mi . S. of, 100 ft . E. of crossroads, 20 ft . S. of centerline of rd.; iron pipe stamped " 5792 ".5, 792. 32
Orangeville, 3.0 mi . S. of, about 0.8 mi . N. of State Highway 10, on W. side of S . end of bridge over large wash; copper nail and washer _ ..... $5,714.03$
CASTLEGATE QUADRANGLE
[Latitude $39^{\circ} 30^{\prime}-39^{\circ} 45^{\prime}$; longitude $110^{\circ} 45^{\prime}-111^{\circ} 00^{\prime}$ ]
CARBON COUNTY
From Kyune quadrangle southeast along Denver \& Rio Grande Western Rail- road into Wellington quadrangle (by L. F. Biggs in 1910; leveled twice)
Castlegate, 0.3 mi . N. of sta., 200 ft . S. of bridge, 10 ft . E. of switch signal, in large boulder; aluminum tablet stamped "6146 33". .-. ..... $6,148.130$
Castlegate, 200 ft . N. of sta., at base of water plug; top of bolt head. ..... 6, 112. 61
Helper, in E. wall of Y. M. C. A. building, 15 ft . S. of main entrance,2 ft . above ground; aluminum tablet set vertically and stamped"5827 34" (recovered by U. S. C. \& G. S. in 1927)5, 829. 486
Price, 3.3 mi . N. of, 3.7 mi . S. of Helper, 0.6 mi . N. of milepost 622 , 60 ft . E. of right-of-way, on edge of bluff, in sandstone boulder; aluminum tablet stamped "5663 35" (recovered by U. S. C. \& G. S. in 1927) ..... 5, 665. 271
Price, on W. side of county courthouse, in top of first coping on steps at S. entrance; aluminum tablet stamped " 556436 " (recovered by U. S. C. \& G. S. in 1927) ..... 5, 566. 042
Price, 3.8 mi . S. of, in E. side of concrete abutment of R. R. bridge 615; aluminum tablet stamped "5434 $\quad 37$ " ..... 5, 436. 238From Price southwest along abandoned Southern Utah Railroad into PoisonSpring quadrangle (by Cornelius Schnurr in 1914)
Price, 1.0 mi . S. of, on S. end of R. R. bridge over Price River; top of rail ..... 5, 503. 3
Price, 1.9 mi . S. of, on S . end of bridge 3 ; top of rail_ ..... 5, 592. 0
Price, 2.2 mi . SW. of, on S . end of bridge 4 over Drunkards Wash,in guard rail; spike5, 603. 22
Price, 2.6 mi . SW. of, in center of bridge over Price River irrigation canal; top of rail ..... 5, 640.9
Price, 4.0 mi . SW. of, in center of bridge 6 ; top of rail ..... 5, 736. 1
Price, 4.4 mi . SW. of, 50 ft . W. of track, at base of 5 - ft . rail project-ing 2 ft . above ground, in rock set in place; standard tablet stampedFeet
" 5756 " (recovered in 1936) ..... 5, 756. 121
Price, 6.4 mi . SW. of, on bridge 9 ; top of rail ..... 5, 807. 2
Price, 7.2 mi . SW. of, at N. end of Gaylord siding; point of frog ..... $5,821.3$
Price, 7.5 mi . SW. of, 50 ft . W. of track at Gaylord siding, at base of5 -ft. rail projecting 2 ft . above ground, in rock set in place; standardtablet stamped " 5829 " ${ }^{\text {өa }}$5, 828. 431
Price, 7.8 mi . SW. of, 0.3 mi . S. of Gaylord siding, at rd. crossing; top of rail ..... $5,832.6$
From Scofield quadrangle northeast along Utah Railway to point 1.5 miles in air line west of Helper, thence along Denver \& Rio Grande Western Railroad to Helper (by Cornelius Schnurr in 1914)
Blackhawk, 3.5 mi . N. of, 20 ft . W. of track, on rock in deep cut; chiseled mark ..... 7, 049.99
Blackhawk, 4.1 mi . N. of, 0.2 mi . N. of Serviceberry Canyon, 50 ft . W. of track, in large boulder; standard tablet stamped " 7000 " ..... 7, 000. 733
Blackhawk, 4.9 mi . N. of, 20 ft . E. of track, on end of concrete cul- vert; chiseled mark ..... 6, 921. 00
Blackhawk, 7.8 mi . N. of, in W. end of masonry culvert; standard tablet stamped " 6642 " ..... 6, 642. 444
Blackhawk, 9.8 mi . N. of, 0.7 mi . N. of Haley siding, 30 ft . W. of track, at S. end of fill, on large boulder; chiseled mark ..... 6, 490. 02
Gordon Creek bridge, at N. end of; top of rail ..... 6, 285. 9
Gordon Creek bridge, on top of N. abutment; chiseled mark (R. R. B. M.) ..... 6, 284. 41
Gordon Creek bridge, 0.2 mi . N. of, 9.3 mi . SW. of Helper, in con- crete base of water tank; standard tablet stamped " 6282 " (recovered by U. S. C. \& G. S. in 1935) ..... 6, 282. 543
Helper, 7.1 mi . SW. of, at S. end of Wildcat siding; point of frog ..... 6, 176. 4
Helper, 6.5 mi . SW. of, at N. end of Wildcat siding, in concrete abut- ment of bridge; standard tablet stamped " 6175 " ..... 6, 175. 347
Helper, 4.5 mi . SW. of, at S . end of tunnel 2 ; top of rail ..... 6, 115. 6
Helper, 3.3 mi . SW. of, 0.2 mi . S. of crossroads, 50 ft . E. of track, on large red boulder; chiseled mark ..... 6, 1.14. 24
Helper, 3.1 mi . SW. of, at rd. crossing; top of rail ..... $6,117.4$
Helper, 2.6 mi . W. of, in top of masonry abutment of Utah Ry. via- duct over Storrs branch of Denver \& Rio Grande Western R. R.; standard tablet stamped " 6094 " ..... 6, 094. 734
Helper, 1.7 mi . by rail W. of, 0.3 mi . S. of water tank on Storrs branch of Denver \& Rio Grande Western R. R., 20 ft . E. of track, on ledge; chiseled mark ..... 5, 952.21
Helper, 1.1 mi . NW. of; 300 ft . S. of R. R. bridge over Price River; top of rail ..... 5, 871.9
From Price southwest about 3 miles along State Highway 10, thence west alongfield roads to sec. 38, T. 14 S., R. 9 E. (by V. S. Seward in 1936)
U. S. C. \& G. S. standard disk stamped "A 17 1927" ..... 5, 543. 490
U. S. C. \& G. S. standard disk stamped "A 51 1934" ..... 5, 506. 604
Price, 1.8 mi . SW. of post office, at SE. end of concrete bridge wherewing abutment joins, on top of concrete railing support; chiseledsquare5, 544. 65

[^8]Feet
U. S. C. \& G. S. standard disk stamped "B 51 1934" ..... 5, 630. 37 .
Price, 3.1 mi . SW., thence 0.6 mi . W. from, 300 ft . E. of farmhouse,20 ft . S. of corner of corral, 2 ft . N. of N. bank of Price River irri-gation canal, in root on N . side of 24 -in. leaning cottonwood tree;copper nail and washer$5,628.18$
Price, 3.1 mi . SW., thence 1.4 mi . W. from, on N. side of Price River irrigation canal, on top of SE. end of concrete foundation of canal flume across stream; standard tablet stamped "VS 361936 5634". 5, 632. 879Reference mark, 40 ft . SE. of tablet, on S. side of canal, on top of SE.concrete abutment of flume bridge; chiseled square$5,631.68$
CEDAR CITY QUADRANGLE[Latitude $37^{\circ} 30^{\prime}-38^{\circ} 00^{\prime}$; longitude $113^{\circ} 00^{\prime}-113^{\circ} 30^{\prime}$ ]
IRON AND WASHINGTON COUNTIES
From Lund quadrangle, near Lund, southeast along road by way of Iron Springs to Hamiltons Fort (by George F. Maglett in 1905)
Lund, 3.0 mi . SE. of, 20 ft . S. of rd.; standard iron post with bronze cap stamped "R Lund 5106" ..... $5,096.595$
Lund, 6.0 mi . SE. of, 20 ft . S. of rd.; standard iron post with bronze cap stamped "R Lund 5131" ..... $5,121,142$
Lund, 9.0 mi . SE. of, 9.5 mi . NE. of Antelope Springs, 20 ft . S. of rd.; standard iron post with bronze cap stamped "R Lund 5168". ..... $5,159.158$
Lund, 12.0 mi . SE. of, 20 ft . S. of rd.; standard iron post with bronze cap stamped "R Lund 5203" ..... 5, 193. 496
Lund; 15.0 mi . SE. of, 15 ft . S. of rd.; standard iron post with bronze cap stamped "R Lund 5263" ..... 5, 254. 273
Lund, 18.0 mi . SE. of, 20 ft . S. of rd.; standard iron post with bronze cap stamped "R Lund 5317". ..... 5, 308. 151
Lund, 20.8 mi . SE. of, 4.5 mi . NW. of Iron Springs, 100 ft . S. of rd., 15 ft . NE. of old rock house; standard iron post with bronze cap stamped "R Lund 5365" ..... $5,355.654$
Iron Springs, 2.2 mi . NW. of, 400 ft . SW. of Root dwelling, 20 ft .SW. of rd.; standard iron post with bronze cap stamped " $R$ Lund5414"$5,405.130$
Iron Springs, 0.2 mi . E. of, 20 ft . E. of rd. fork; standard iron post with bronze cap stamped "R Lund 5470" ..... 5, 461. 198
Iron Springs, 3.2 mi . SE. of, 50 ft . S. of rd. fork; standard iron post with bronze cap stamped "R Lund 5495" ..... $5,485.870$
Iron Springs, 6.5 mi . SE. of, 2.5 mi . W. of Hamiltons Fort, 20 ft . NE. of rd.; standard iron post with bronze cap stamped "R Lund 5497".- ..... 5, 488. 018
Hamiltons Fort, 0.2 mi . W. of, 15 ft . N. of rd.fork; standard iron post with bronze cap stamped "R Lund 5631" (recovered in 1928) - ..... $5,622.164$
From Hamiltons Fort west along road to Duncan ranch, thence generally north to point 9.5 miles northeast of Antelope Springs (by George F. Maglett in 1905)
Shirts Lake, 200 ft . W. of, 1.0 mi . NW. of dwelling, 10 ft . W. of rd.; standard iron post stamped " R Lund 5454 ". ..... $5,445.181$
Hamiltons Fort, 7.0 mi . W. of, 2.8 mi . E. of Duncan ranch, 15 ft . N. of Cedar City and Pinto Creek rd.; standard iron post with bronze cap stamped "R Lund 5689" ..... $5,680.210$
Duncan ranch, 600 ft . NE. of house, 30 ft . S. of rd. fork; standard iron post with bronze cap stamped "R Lund 5983 " ..... $5,974.001$
Duncan ranch, 3.0 mi . N. of, 0.6 mi . N. of rd. fork, 20 ft . E. of rd.;standard iron post with bronze cap stamped "R Lund 5843 "Feet5, 833. 864
Duncan ranch, 11.0 mi . N. of, about 6 mi . SE. of Antelope Springs, 3.5 mi . W. of old rock house, $1,200 \mathrm{ft}$. S. of Iron Springs-AntelopeSprings rd.; standard iron post with bronze cap stamped " $R$ Lund5425"5, 415. 302
Antelope Springs, 4.0 mi . NE. of, 9.0 mi . NW. of old rock house, 70 ft .$S$. of rd. fork; standard iron post with bronze cap stamped " $R$ Lund5367'5, 356. 720
Antelope Springs, 5.8 mi . NE. of, 3.8 mi . N. of rd. fork, 0.5 mi . E. of Pioche-Hot Springs rd.; standard iron post with bronze cap stamped "R Lund 5187" ..... 5, 177. 624
From Lund quadrangle along State Highway 18 southeast to Cedar City, thence southwest along J. S. Highway 81 into La Verkin quadrangle (first-order leveling by E. E. Harris in 1928)
Lund, 3.1 mi . SE. of, 52 ft . S . of center line of highway at milepost 3 , in concrete post; standard tablet stamped "1928 H 41" ..... 5, 100. 328
Lund, 3.9 mi . SE. of, $1,050 \mathrm{ft}$. W. of milepost $4,13 \mathrm{ft}$. N. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 5, 108. 19
Lund, 4.7 mi . SE. of, $1,900 \mathrm{ft}$. W. of milepost $5,14 \mathrm{ft}$. S. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 5, 115. 77
Lund, 5.8 mi . SE. of, $1,250 \mathrm{ft}$. W. of milepost $6,43 \mathrm{ft}$. N. of center line of highway, in concrete post; standard tablet stamped "1928 H 40 " ..... 5, 127. 706
Reference mark, $344 \mathrm{ft} . \mathrm{S} .60^{\circ} \mathrm{E}$. of tablet, in center of top of concrete wall of culvert; chiseled square ..... $5,150.89$
Lund, 6.8 mi . SE. of, 13 ft . S. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 5, 135. 07
Lund, 7.7 mi . SE. of, 13 ft . NW. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 5, 143.38
Lund, 8.4 mi . SE. of, 250 ft . E. of angle in highway and 50 ft . NW. of center line, in concrete post; standard tablet stamped "1928 H 39". ..... 5, 150. 252
Reference mark, 344 ft . S. $60^{\circ} \mathrm{E}$. of tablet, in center of top of con- crete wall of culvert; chiseled square ..... $5,150.89$
Lund, 10.0 mi . SE. of, 15 ft . NW. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 5, 161. 13
Lund, 10.8 mi . SE. of, 12 ft . SW. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 5, 165. 32
Lund, 11.6 mi . SE. of, 21 ft . W. of dim crossroads, 42 ft . NW. of center line of highway, in concrete post; standard tablet stamped "1928 H 38 " ..... 5, 175. 531
Lund, 12.8 mi . SE. of, 13 ft . NW. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 5, 213. 28
Lund, 13.5 mi . SE. of, 14 ft . S. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... $5,256.50$
Lund, 14.7 mi . SE. of, 36 ft . N. of center line of highway, in concrete post; standard tablet stamped "1928 H 37" ..... 5, 385. 596
Reference mark, 188 ft . S. $50^{\circ} \mathrm{E}$. of tablet, in center of culvert; chiseled square ..... 5, 386.68
Lund, 15.4 mi . SE. of, in center of reverse turn in highway and 16 ft . S.of center line, in center of top of concrete wall of culvert; chiseledsquare5, 498. 70


[^9]Cedar City, 2.8 mi . W. of, at crossing of Union Pacific R. R., 68 ft . N. of center line of track, 60 ft . W. of center line of curve and 4 ft . lower than surface of highway, 54 ft . E. of fence line, in concrete post; ..... Feet
standard tablet stamped " 1928 H 32 " ..... 5,560. 599
Reference mark, $209 \mathrm{ft} . \mathrm{N} .15^{\circ} \mathrm{W}$. of tablet, at curve in rd. opposite gate to pasture, on top of concrete retaining wall directly over culvert; chiseled square ..... 5, 562. 28
Grade crossing of Union Pacific R. R. and highway; top of rail ..... 5, 581. 4Cedar City, 2.3 mi . W. of, 14 ft . N. of center line of highway, 700 ft .E. of R. R. switch, in center of top of concrete wall of culvert;chiseled square5, 590. 18
Cedar City, 1.4 mi . W. of, 16 ft . N. of center line of highway, 750 ft .W. of Dixie power plant, 250 ft . E. of junction of second-class rd.SE., in center of top of concrete wall of culvert; chiseled square.-.5, 707. 51
Cedar City, in SW. angle of intersection of First Street North andFifth Street West, in center of top of concrete wall of culvert;chiseled square5, 759. 19
Cedar City, Union Pacific R. R. sta., 54 ft . E. of wall of building,near SW. corner of parking at E. entrance to sta., 6 ft . N. of centerline of concrete walk, in concrete post; standard tablet stamped"1928 H 31" ${ }^{11}$5, 800. 273
Reference mark, $105 \mathrm{ft} . \mathrm{S} .45^{\circ} \mathrm{E}$. of tablet, in root on S . side of $36-\mathrm{in}$. cottonwood tree; copper nail and washer ..... $5,803.85$
Cedar City, on W. side of Main Street, 15 ft . S. of NE. corner of Bank of Southern Utah, in front wall 2 ft . above level of rd. and 1 ft . N. of entrance; standard tablet set vertically and stamped "1928H 30 '"5, 833. 584
Reference mark, 88 ft . E. of tablet, on sidewalk; chiseled square ..... 5, 832. 62
Cedar City, near S. limits of, 13 ft . S. of junction of T-rd. W., 14 ft . W.of center line of highway, on top of concrete culvert; chiseled square.5, 927.68
Cedar City, 0.8 mi . SW. of, 14 ft . SE. of center line of highway, 18 ft .NE. of rd. junction, in center of top of concrete wall of culvert;chiseled square5, 940.12
Cedar City, 1.5 mi . SW. of, 24 ft . NE. of junction of rd. S., 33 ft . SE. of center line of highway, in prominent rock outcrop; standard tablet stamped "1928 H 29" ..... 5, 998.151
Reference mark, $190 \mathrm{ft} . \mathrm{S} .40^{\circ} \mathrm{W}$. of tablet, on concrete culvert; chiseled square ..... 5, 996.20
Cedar City, 2.3 mi . SW. of, 14 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 5, 942.46Cedar City, 3.0 mi . SW. of, 2.3 mi . NE. of Hamiltons Fort, 14 ft . E. ofcenter line of highway, in center of top of concrete wall of culvert;chiseled square5, 856. 32
Hamiltons Fort, 1.7 mi . NE. of, 12 ft . E. of center line of highway, in center of concrete culvert; chiseled square ..... 5, 801. 97
Hamiltons Fort, 1.2 mi . NE. of, 43 ft . N. of center line of highway justW. of angle to N., in lava outcrop; standard tablet stamped "1928H 28 '5, 794. 575
Reference mark, 67 ft : E. of tablet, on lava boulder; chiseled square_ ..... 5, 794. 19
Hamiltons Fort, 0.5 mi . NE. of, 9 ft . SE. of center line of highway,110 ft . NE. of rd. junction, in center of top of concrete abut-ment at SW. corner of small bridge; chiseled square5, 701. 82

[^10]Hamiltons Fort, $18 \mathrm{ft} . \mathrm{W}$. of center line of angle in highway, 175 ft . S. of junction of T-rd. W., near S. end of concrete culvert; chiseled
 center of top of concrete wall of culvert; chiseled square

5, 568. 05
Hamiltons Fort, 2.1 mi . S. of, 25 ft . W. of center line of and 4 ft . lower than surface of highway, on N. end of E. abutment of ruins of concrete culvert of old rd.; chiseled square
$5,507.39$
Hamiltons Fort, 3.2 mi . S. of, 4.0 mi . N. of Kanarraville, 53 ft . W. of center line of highway at summit of grade, 3 ft . S. and 3 ft . W. from. fence corner, in concrete post; standard tablet stamped "1928 H 1"-
Reference mark, 290 ft . S. of tablet, on top of concrete culvert; chiseled square

5, 550.84
Kanarraville, 3.0 mi . N. of, 19 ft . N. of dim crossroad, 14 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square
$5,551.72$
Kanarraville, $2.5 \mathrm{mi} . \mathrm{N}$. of, $14 \mathrm{ft} . \mathrm{W}$. of center line of highway, in center of top of concrete wall of culvert; chiseled square
$5,541.53$
Kanarraville, 2.0 mi . N. of, 12 ft . W. of center line of highway, 3 ft . N. of S. end of concrete culvert; chiseled square

5, 526. 28
Kanarraville, 0.8 mi . N. of, 51 ft . W. of center line of rd., 11 ft . S. of gate post at $T$-angle in fence, 1 ft . E. of fence line, in concrete post; standard tablet stamped "1928 H 2"

5, 542. 354
Reference mark, 387 ft . N. of tablet, in center of top of concrete wall of culvert; chiseled square
$5,538.50$
Kanarraville, in SE. angle of crossroads, opposite Batty's service sta., in center of top of concrete wall of culvert; chiseled square ...

5, 540. 56
Kanarraville, 1.1 mi . S. of, 14 ft . N. of center line of rd. E., 19 ft E. of center line of highway, in center of top of concrete wall of culvert; chiseled square

5, 525. 81
Kanarraville, 1.8 mi . S. of, 67 ft . S. of junction of T-rd. W., 49 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square

5, 438. 53
Kanarraville, 2.4 mi . S. of, 49 ft . W. of center line of highway, 67 ft .
S. of gate in fence, 1 ft . E. of fence line, in concrete post; standard tablet stamped "1928 H 3"

5, 383. 096
Reference mark, 280 ft . S. of tablet, in center of top of concrete wall of culvert; chiseled square

5, 380.71
Kanarraville, 3.8 mi . S. of, $2,560 \mathrm{ft}$. N. of Iron-Washington county line, 510 ft . S . of junction of private rd. $W$., 200 ft . N. of old rd. crossing, 12 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square

5, 225. 36

Cedar City, 7.5 mi . NE. of Union Pacific R. R. sta., 17 ft . NW. of center line of highway at summit of grade, in center of concrete head wall of culvert; chiseled square

5, 763. 40
Cedar City, 7.0 mi . NE. of, 17 ft . NW. of center line of highway at summit of grade, in center of concrete head wall of culvert; chiseled square

5, 752. 88
Cedar City, 6.0 mi . NE. of, 360 ft . NE. of junction of dirt rd. N., 17 ft . NW. of center line of highway, in center of top of concrete head wall of culvert; chiseled square

Cedar City, 5.3 mi . NE. of, 30 ft . W. of center line of highway, 72 ft . E. of fence corner, 10 ft . S. of angle pole in telephone line crossing Feet highway, in concrete post; standard tablet stamped "1931 H 64"- 5, 588.827
Reference mark, 340 ft . S. of tablet, in center of E. concrete head wall of culvert; chiseled square

5, 594. 06
Cedar City, 4.6 mi . NE. of, 17 ft . W. of center line of highway, in center of top of concrete head wall of culvert; chiseled square

5, 647. 39
Cedar City, 3.7 mi . NE. of, 240 ft . N. of power line crossing highway, 16 ft . W. of center line of highway, in center of top of concrete head wall of culvert; chiseled square

5,698. 00
Cedar City, 2.7 mi . NE. of, 500 ft . N. of concrete flume under highway, 17 ft . W. of center line of highway, in center of top of concrete head wall of culvert; standard tablet stamped "1931 H 65" .-... 5, 700.894
Cedar City, 2.0 mi . NE. of, 17 ft . W. of center line of highway, in center of top of concrete head wall of culvert; chiseled square....$5,679.59$
Cedar City, 1.2 mi . NE. of, 14 ft . SW. of center line of highway, just S. of junction of old highway at point of. hill, in center at base of concrete parapet wall of bridge over drain; chiseled square

5, 713. 22
Cedar City, 0.3 mi . NE. of, near N. city limits, at W. side of concrete bridge over creek, in center of base of steel railing; chiseled square_ 5, 790. 35

COALVILLE QUADRANGLE ${ }^{12}$
[Latitude $40^{\circ} 30^{\prime}-41^{\circ} 00^{\prime}$; longitude $111^{\circ} 00^{\prime}-111^{\circ} 30^{\prime}$ ]

## MORGAN, SUMMIT, AND WASATCH COUNTIES

From Fort Douglas No. 4 quadrangle northeast and north along Park City branch of Union Pacific Railroad to Coalville, thence northwest approximately along route of present U. S. Highway 530 to Echo City (by L. C. Woodbury in 1899)
Atkinson, about 300 ft . S. of highway crossing, on hillside near R. R. bridge, 30 ft . SE. of track; standard iron post with bronze cap stamped " 6444 S LAK" (recovered by U. S. C. \& G. S. in 1934) - 6, 446. 293
Wanship, 36 ft . S. of center line of track, in NW. corner of yard of Latter Day Saints Church, on S. side of airway beacon tower; standard iron post with bronze cap stamped " 5860 S LAK" (recovered by U. S. C. \& G. S. in 1934)
Wanship, 3.5 mi . N. of, 4.1 mi . S. of Coalville, 136 ft . NE. of grade crossing; standard iron post with bronze cap stamped " 5708 S LAK" (recovered by U. S. C. \& G. S. in 1934)

5, 710. 244
Coalville, opposite SE. corner of sta.; top of E. rail.................-5, 572. 3
Coalville, 0.5 mi . N. of, 700 ft . E. of track, on E. side of and about 10 ft. higher than surface of highway, in coal bank E. of dwelling, in stone post; standard tablet stamped " 5607 S LAK" (recovered by U. S. C. \& G. S. in 1934) ${ }^{13}$

5, 609. 014
Coalville, 0.6 mi . N. of, 400 ft . E. of track, on W. side of highway, on right-of-way line, in stone post; standard tablet stamped " 5583 S LAK" (recovered by U. S. C. \& G. S. in 1934) ${ }^{\text {t+ }}$
$5,585.245$
Coalville, 2.9 mi . along highway NW. of, 0.5 mi . N. of R. R. sta. at Grass Creek, on W. side of highway, in front of brick dwelling; standard iron post with bronze cap stamped " 5486 S LAK"....-. 5, 488.540

[^11]

From Hailstone south along approximate route of present U. S. Highway 40 to Heber, thence west along road to Midway (by L. C. Woodbury in 1899; leveled twice)

Hailstone, 4.2 mi . S. of, 3.5 mi . N. of courthouse in Heber, in SE. corner of grounds of Riverdale School; standard iron post with bronze cap stamped " 5714 S LAK" (recovered by U. S. C. \& G. S. in 1934)

5, 716. 816
Heber, at Wasatch County courthouse, in SE. corncr of grounds, in line with S. fence, in granite post; standard tablet stamped " 5593 S LAK" (recovered by U. S. C. \& G. S. in 1934) ${ }^{16}$ 5, 595. 159
Midway, at corner of Main Street and rd. N. to U. S. Highway 40, on lot owned by Wallace E. Potter; standard iron post with bronze cap stamped "5567 S LAK".

5, 569. 366

[^12]
## From Coalville northeast along approximate route of present State High way 183 to point which marks southwest corner of State of Wyoming (by L. C. Woodbury in 1899)

Coalville, 3.7 mi . NE. of, 6.8 mi . SW. of Upton School, on NE. side of rd., 300 ft . SE . of curve, SW . of mouth of "The Narrows"; standard iron post with bronze cap stamped " 5746 S LAK"
Upton School, 3.8 mi . SW. of, 6.7 mi . NE. of Coalville, at junction of rd. SE. along South Fork of Chalk Creek, across creek from and 0.5 mi. NW. of Huffman ranch house; standard iron post with bronze cap stamped "5938 S LAK"

5, 940.339
Upton, 0.5 mi . E. of discontinued post office, on N. side of rd., in SE. corner of schoolyard; standard iron post with bronze cap stamped "6182 S LAK" ${ }^{17}$
$6,184.347$
Upton, at entrance to Iatter Day Saints Church, in E. end of third concrete step; standard tablet stamped "VS 341936 6181" $-\ldots$.- 6, 182. 905
Deming School, 175 ft . SE. of, 4.4 mi . SE. of Upton, in sec. 4, T. 2. N., R. 7 E., 160 ft . E. of bridge over Chalk Creek, on S. side of rd.; standard iron post with bronze cap stamped " 6451 S LAK" ----
'Deming School, 3.0 mi . NE. of, in sec. 35, T. 3 N., R. 7 E., near junction of rd. along East Fork, 40 ft . E. of county rd., 100 ft . N. of East Fork rd., 200 ft . SW. of crossing of East Fork; standard iron post with bronze cap stamped " 6712 S LAK"

6, 714. 230
Deming School, 6.8 mi. NE. of, in sec. 20, T. 3 N., R. 8 E., about 2 mi . SW. of SW. corner of Wyoming, 125 ft . SE. of log house; standard iron post with bronze cap stamped " 6897 S LAK"

6, 899. 283
Utah-Wyoming State line, at SW. corner of Wyoming, in sec. 16, T. 3 N., R. 8 E., at head of Chalk Creek, in red stone post; standard tablet with bronze cap stamped " 7150 S LAK EVAN"

7, 152. 018

## From crossroads 0.5 mile north of Oakley northeast along road in Weber Canyon into Hayden Peak quadrangle at sec. 23, T. 1 N., R. 8 E. (by E. O. Hills in 1898 and L. C. Woodbury in 1899)

Oakley, 5.1 mi . NE. of, in sec. 12, T. 1 S., R. 6 E., at junction of rd. E. into S. fork of Weber Canyon; standard iron post with bronze cap stamped " 6787 S LAK"

6, 788. 616
Oakley, 7.9 mi . NE. of, in sec. 31, T. 1 N., R. 7 E., at junction of rd. over divide to South Fork of Chalk Creek, across river from and about 1 mi . NE. of ranch of George Wiles; standard iron post with bronze cap stamped "6983 S LAK"
T. 1 N., R. 7 E., SW $1 / 4$ sec. 26 , at junction of rd. into Smith and Morehouse Canyon; standard iron post with bronze cap stamped " 7308 S LAK"

7, 309. 714
T. 1 N., R. 8 E., near $W / 4$ cor. sec. $30,2.0 \mathrm{mi}$. NE. of high timbered peak on S. side of Weber River, 0.2 mi . S. of river, 10 ft . S. of rd., 200 ft . S. of large dark rock, on N . side of wagon rd.; standard iron post with bronze cap stamped " 7607 S LAK EVAN"

7, 609. 205
T. 1 N., R. 8 E., sec. 21, 50 ft . W. of bridge over river, at old bridge and ford on Larrabee ranch, 0.5 mi . S. of Larrabee dwelling and $\log$ barn, about 150 yd . NE. of small lake, on rd. SW. of river, in rock; standard tablet stamped "7682 EVAN"

7, 684. 083

[^13]T. 1 N., R. 8 E., sec. $23,100 \mathrm{ft}$. N. of old sawmill site at foot of divide, about 3 mi . W. of Summit Pass over Uinta Mtns., at junction of rd. to Holiday Park; standard iron post with bronze cap stamped " 7855 EVAN"

From Francis southeast along approximate route of present State High way 35 and South Fork-Soapstone Basin road into Hayden Peak quadrangle (by E. W. Glafcke in 1900)
Woodland, 1.3 mi . SE. of, on E. side sec. 12, T. 3 S., R. 6 E., 250 ft . N. of bridge over Provo River, 30 ft . SW. of rd.; standard iron post with bronze cap stamped " 6804 S LAK"
6, 806. 284
Woodland, 4.3 mi . SE. of, in sec. 15 , T. 3 S., R. 7 E., in Pine Valley, 250 ft . NW. of dwelling of R. L. Jones, in NE. angle of junction of South Fork rd., 300 ft . E. of river; standard iron post with bronze cap stamped " 7129 S LAK"
$7,130.835$
T. 3 S., R. 7 E., sec. $24,0.5 \mathrm{mi}$. SE. of Orr ranch, at rd. fork at base of grade; standard iron post with bronze cap stamped " 7522 S LAK"
7, 524.156
T. 3 S., R. 8 E., NE $1 / 4$ sec. 29 (unsurveyed township), at divide between South Fork and Soapstone Basin, 70 ft . S. of rd., in large sandstone boulder; standard iron post with bronze cap stamped "9285 S LAK"
9, 287. 093
From Park City east along road by way of Deer Valley to east end of Ontario
drain tunnel (by E. W. Glafcke in 1901; leveled twice) ${ }^{18}$
Park City, 1.5 mi . E. of, on divide at county line between Summit and Wasatch counties, 50 ft . S. of rd.; standard iron post with bronze cap stamped " 7310 S LAK" (originally, " 7321 ")
7, 312. 058
Park City, 3.4 mi . SE. of, at E. end of Ontario drain tunnel, at SE. corner of fence around dwelling, in large granite boulder; standard tablet stamped "6296 S LAK"
$6,287.082$
Park City, 3.0 mi . E. of, on Park City-Hailstone rd., on W. side NW144 sec. 24, T. 2. S., R. 4 E., 500 yd. E. of rd. entry to canyon, on E. slope of divide between old and new trails; standard iron post with bronze cap stamped "6709 S LAK"
$6,700.340$

## From east end of Ontario drain tunnel south about 1 mile to mouth of Glencoe Ganyon, thence northwest along McHenry Canyon road 0.9 mile (by E. W. Glafcke in 1801; unchecked spur line) ${ }^{18}$

T. 2 S., R. 4 E., near NE. cor. sec. 26, 2.5 mi. SE. of Park City, at junction of McHenry Canyon and Pocatello Gulch, 100 ft . E. of rd. fork, on $S$. side of rd.; standard iron post with bronze cap stamped "6750 S LAK"

[^14]
# CONFUSION RANGE QUADRANGLE 

[Latitude $39^{\circ} 00^{\prime}-39^{\circ} 30^{\prime}$; longitude $113^{\circ} 30^{\prime}-114^{\circ} 00^{\prime}$ ]

## MILLARD COUNTY


#### Abstract

From Callao quadrangle at point 3.5 miles northeast of Gandy south along road by way of Smithville to Simonson ranch, thence northeast by way of Cowboy Pass into Antelope Mountain quadrangle near Tule Spring (by T. A. Green in 1908)


|  |  |
| :---: | :---: |
| Smithville, $1,260 \mathrm{ft}$. SW. of abandoned post office, 100 ft . S. of rd. 40 ft . W. of gate to ranch house of George Bishop, in rock; aluminum tablet stamped " 4881 " |  |
| Smithville, 6.2 mi . S. of, 3.8 mi . N. of Simonson ranch, 20 ft . W. of rd., 270 ft . S. of point where rd. crosses sand dunes, in marble rock aluminum tablet stamped " 4889 " (recovered by U. S. C. \& G. S. in |  |

Simonson ranch, 300 ft . NE. of, at NW. corner of field fence, in rock; aluminum tablet stamped " 4956 "

4, 959. 768
Simonson ranch, 6.2 mi . NE. of, 10.6 mi . SW. of Cowboy Pass, 15 ft . S. of rd.; standard iron post with bronze cap stamped "4867"----- 4, 870.572

Cowboy Pass, 4.6 mi . SW. of, 40 ft . S. of rd., in rock; aluminum tablet stamped " 5162 "(recovered in 1936) 5, 165. 436
Cowboy Pass, 10 ft . W. of divide, 50 ft . N. of rd., in limestone outcrop; aluminum tablet stamped " 5707 " (recovered in 1936) 5, 718. 335
Cowboy Pass, 6.1 mi . NE. of, 6.1 mi . SW. of Tule Spring, 15 ft . S. of rd., in limestone rock, beside rock monument; aluminum tablet stamped " 4841 " (recovered in 1936)
Tule Spring, 15 ft . E. of N. spring, 20 ft . N. of rd.; standard iron post
with bronze cap stamped " 4411 " (recovered in 1936) - ---------- $4,422.210$
From Tule Spring northwest along road by way of Indian Pass and Bishop Spring to Gandy (by T. A. Green in 1008)

Bishop Spring, 8.5 mi . SE. of, 50 ft . N. of rd. fork at summit of Indian Pass divide, 40 ft . E. of divide, in limestone rock; aluminum tablet stamped " 5963 "

5, 973. 901
Bishop Spring, 3.2 mi . SE. of, 5.3 mi . SE. of Foote ranch, at point where rd. makes sharp bend to NW., on S. end of small ridge, in limestone outcrop; aluminum tablet stamped " 5176 "

5, 186. 865
Foote ranch, 0.8 mi . NW. of, 300 ft . W. of junction of dim rd. N., on N . side of rd.; standard iron post with bronze cap stamped " 4819 "

4, 828. 487
Foote ranch, 4.6 mi . NW. of, 5 ft . N. of rd., at SE. corner of fence around Conkling ranch; standard iron post with bronze cap stamped " 4826 "

4, 836. 521

From Bishop Spring southeast along road to Cowboy Pass (by T. A. Green in 1008)

Bishop Spring, 6.1 mi . SE. of, 70 ft . E. of junction of rd. W. to Smithville, 10 ft . S. of rd., in rock; aluminum tablet stamped " 4962 ". .-. 4, 972.850.
From State Highway 27 at point about 9 miles east of Cowboy Pass northeast along road to Tule Spring (by V. S. Seward in 1936) ..... Feet
U. S. C. \& G. S. standard disk stamped "F 74 1934" ..... 4, 696. 756
Tule Spring, 3.5 mi . SW. of, 1.1 mi . NE. of junction of State Highway 27 and rd. to Tule Spring, 30 ft . W. of rd., on boulder set in place; chiseled square ..... 4, 560. 03
Tule Spring, 2.7 mi . SW. of, 50 ft . S. of junction of Y -rd., 175 ft . NE. of stream crossing, 30 ft . E. of stream, in boulder set in place; standard tablet stamped "VS 34 1936" ..... 4, 469. 805
Reference mark, 177 ft . N. of tablet, 30 ft . W. of rd., on boulder set in place; chiseled square. ..... $4,468.28$
Tule Spring, 1.7 mi . SW. of, 20 ft . E. of rd., on boulder set in place; chiseled square ..... 4, 435. 54
Tule Spring, 163 ft . SW. of previously described benchmark stamped " 4411, " 50 ft . W. of rd., 30 ft . E. of border of tules, in boulder set in place; standard tablet stamped "VS 33 1936" ..... 4, 422. 231
CORINNE QUADRANGLE
[Latitude $41^{\circ} 30^{\prime}-42^{\circ} 00^{\prime}$; longitude $112^{\circ} 00^{\prime}-112^{\circ} 30^{\prime}$ ]
CACHE AND BOX ELDER COUNTIESFrom Promontory Point quadrangle north and northwest along Union PacificRailroad to Corinne, thence northwest along Southern Pacific Railroadto point 3 miles north west of Connor station (by E. E. Harris in 1923)
U. S. C. \& G. S. standard disk stamped "4309.092 J 9" ..... 4, 309. 092
Reference mark, 100 ft . N. of disk, on NW. corner of curbing of sta. garden; bottom of square hole ..... 4, 308. 85
Brigham, in front of sta.; top of rail ..... 4, 307. 4
U. S. C. \& G. S. B. M. designated "R" ..... 4, 295. 155
Brigham, 0.8 mi . N. of, at R. R. junction, in NE. angle of grade crossing, on base of concrete foundation of semaphore 21-9; bottom of square hole ..... 4, 281. 40Brigham, 2.5 mi . NW. of, 3.1 mi . SE. of Corinne, 60 ft . S. and 35 ft .W. from highway crossing, in concrete post; standard tablet stamped"1923 H 31" (recovered by U. S. C. \& G. S. in 1934)4, 223. 335
Corinne, 1.9 mi . SE. of, 500 ft . E. of milepost 4, in SE. angle of rd . junction, on N. side of track, on top of concrete wall of culvert; bottom of square hole ..... 4, 227. 48
Corinne, 1.3 mi . SE. of, in SE. angle of grade crossing, on top of con- crete wall of culvert; bottom of square hole ..... $4,228.40$
Corinne, 0.8 mi . SE. of, on S . end of E. abutment of trestle over Bear River; bottom of square hole ..... 4, 224.69
Bear River, under trestle; surface of water June 28, 1923 ..... 4, 212.0
Corinne, in front of sta.; top of rail ..... 4, 230.7
U. S. C. \& G. S. B. M. designated "N 9" ..... 4, 229. 099
Corinne, in SE. angle of rd. crossing just W. of sta., in fence corner,3 ft . from each fence, in concrete post; standard tablet stamped"1923 H 32"4, 229. 478
Corinne, 1.1 mi . NW. of, 370 ft . S. of track, at milepost 800 , on E .side of highway, on top of concrete wall of culvert; bottom of squarehole4, 235. 60
Corinne, 2.2 mi . NW. of, 1.1 mi . SE. of Stokes, on S. side of track, in- E. end of S. guard rail of trestle 798-C; top of iron bolt.$4,238.91$
Stokes, 0.5 mi . SE. of, $1,150 \mathrm{ft}$. E. of milepost 798 , on S. side of track, ..... Feet
on top of concrete wall of culvert 798-B; bottom of square hole. . ..... 4, 234. 22
Stokes, 550 ft . E. of sta., in SW . angle of grade crossing, in fence cor- ner, 3 ft . from each fence, in concrete post; standard tablet stamped "1923 H 33" ..... 4, 238. 944
Stokes; in front of sta. sign; top of rail ..... 4, 242.6
Dathol, 630 ft . E. of, in SE. angle of grade crossing, 5 ft . N. of right-of-way fence, in concrete post; standard tablet stamped " 1923 H34"$4,243.773$
Reference mark, $26 \mathrm{ft} . \mathrm{S} .70^{\circ} \mathrm{W}$. of tablet, on top of NE. wing wall of small bridge; bottom of square hole ..... 4, 244. 68
Dathol, in front of sta. sign; top of rail ..... $4,248.2$
Dathol, 1.1 mi . NW. of, 1.6 mi . SE. of Balfour, 160 ft . E. of milepost 795 , in SE. corner of trestle 795-A; top of iron bolt ..... $4,245.59$
Balfour, 0.8 mi . SE. of, $1,100 \mathrm{ft}$. E. of milepost 794 , on N. side of track, on top of stone culvert 794-A; bottom of square hole ..... 4, 234. 71
Balfour, in front of sta. sign; top of rail ..... 4, 247. 3
U. S. C. \& G. S. iron post with standard cap designated "Q 9" and stamped " 4246.350 " ..... $4,246.350$
Balfour, 1.6 mi . N W. of, 350 ft . W. of milepost 792, on S. side of track, on top of stone wall of culvert 791-C; bottom of square hole. ..... $4,223.08$
U. S. C. \& G. S. B. M. designated "R 9 " ..... $4,231.750$
Balfour, 2.8 mi . NW. of, 2.3 mi . SE. of Connor sta., on N. side oftrack, in valley, in angle of and 1 ft . N. of right-of-way fence, inconcrete post; standard tablet stamped " 1923 H 35"$4,222.872$
Connor sta., just E. of, in SW. angle of grade crossing, 3 ft . S. of signal, in concrete post; standard tablet stamped "1923 H 36" ..... 4, 232. 416
Connor sta., in front of sign; top of rail ..... 4, 235. 3
Connor sta., $120 \mathrm{ft} . \mathrm{W}$. of, on S. side of track, on red stone post; chiseled square ${ }^{20}$ ..... $4,234.63$
U. S. C. \& G. S. iron post with standard cap; designated "T 9" andstamped " 4250.694 "$4,250.694$

From point on Southern Pacific Railroad near Stokes south along road into Promontory Point quadrangle (by E. E. Harris in 1923)

Stokes, 1.1 mi S. of, near SE. cor. sec. 33, T. 10 N., R. 3 W., in NW. angle of crossroads, inside fence line, in root on E . side of $12-\mathrm{in}$. poplar tree; copper nail and washer

4, 236. 74
Stokes, 2.2 mi . S. of, near NW. cor. sec. 10, T. 9 N., R. 3 W ., in SE. angle of junction of T-rd. E., in fence corner, 3 ft . from each fence, in top of concrete post; standard tablet stamped "1923 H 37" $\ldots .4^{4}$, 224. 934
Reference mark, 34 ft . N. $80^{\circ} \mathrm{E}$. of tablet, in root on N. side of $12-\mathrm{in}$. poplar tree; copper nail and washer
$4,225.85$
Stokes, 3.6 mi S. of, in sec. 16, T. 9 N., R. 3 W ., on W. side of rd., in SW. corner of box culvert; copper nail and washer_
Stokes, 4.0 mi . S. of, in sec. 15, T. 9 N., R. 3 W., in Y-rd. junction, in center of top of NE. concrete wing wall of small bridge over irrigation canal; bottom of square hole

[^15]
# From Brigham west along roads to point near Bear River, thence southwest. into Promontory Point quadrangle (by E. E. Harris in 1923) 

Brigham, 0.8 mi . W. of sta., near W. city limits, at jog in E.-W. rd., in NE. angle of junction of N.-S. rd., in root on S. side of $18-\mathrm{in}$.
poplar tree; copper nail and washer-.------------------------------4, 235. 56
Brigham, 2.5 mi . W. of, on N. side of rd., in center of top of NE. wing wall of bridge over Box Elder Creek; bottom of square hole......-
Brigham, 3.1 mi . W. of, in sec. 21, T. 9 N., R. 2 W., 1.8 mi . SE. of Ritter Bridge over Bear River, in NE. angle of junction of T-rd. N., in fence corner, 3 ft . from each fence, in concrete post; standard tablet stamped "1923 H 40"

4, 217. 656

Ritter Bridge, 100 ft . SE. of, in sec. 18, T. 9.N., R. 2 W., on S. side of rd., on E. bank of overflow channel of Bear River, in root on N. side of $15-\mathrm{in}$. cottonwood tree; copper nail and washer-

4, 213. 81
Ritter Bridge, 0.5 mi . S. of, near N 34 cor. sec. 19, T. 9 N., R. 2 W ., NW . of sharp turn in rd., in fence corner and 4 ft . from each fence, in concrete post; standard tablet stamped "1923 H 41".

4, 210.902
From Connor station south along dim road 6 miles (by E. E. Harris in 1923 ;
double-run spur line)
Connor sta., 2.8 mi . S. of, in sec. 19, T. 10 N., R. 4 W ., about 300 ft . W. of rd., in center of small knoll, in concrete post; standard tablet stamped "1923 H 42",

4, 220.017
Connor sta., 6.3 mi . S. of, in sec. 7, T. 9 N., R 4 W., on S. end of low grassy knoll, in concrete post; standard tablet stamped " 1923 H 43". 4, 214. 315

## DELANO PEAK NO. 1 QUADRANGLE

[Latitude $38^{\circ} 15^{\prime}-38^{\circ} 30^{\prime}$; longitude $112^{\circ} 00^{\prime}-112^{\circ} 15^{\prime}$ ]
PIUTE COUNTY
From Delano Peak No. 4 quadrangle north along J. S. Highway 89 to Marysvale, thence northwest into Delano Peak No. 2 quadrangle (by E. E. Harris in 1931)

Junction, 73 ft . E. of Piute County courthouse, 2 ft . W. of fence, 10 ft . S. of center line of sidewalk, in concrete post; standard tablet
 6, 000.808
Reference mark, 115 ft . SE. of tablet, at Roys service sta., on S . end of concrete base of gasoline pumps; chiseled square 5, 999.44
Junction, 250 ft . NE. of, 44 ft . E. of center line of highway, 16 ft . S. of junction of T-rd. E., in SE. wing wall of head gate of canal; standard tablet stamped " 1931 H 78 6002" 6, 001. 943
Junction, 1.0 mi . N. of, on E. side of rd., 400 ft . S. of farmhouse, just S. of corner of fence, in center of concrete head wall of culvert; chiseled square 6, 049. 54
Junction, 2.2 mi . N. of, on E. side of highway, 900 ft . S. of power line crossing, in center of concrete head wall of culvert; chiseled square _- 6, 035. 93
Junction, 3.2 mi . N. of, 36 ft . E. of center line of highway, in boulder;

Reference mark, 490 ft . S. of tablet, in center of E. concrete head wall of culvert; chiseled square

6, 032.02
Junction, 4.0 mi . N. of, on E. side of highway at summit of grade, at junction of rd. to gravel pit, in center of concrete head wall of culvert; ..... Feet
chiseled square ..... 6, 064.59
Junction, 4.9 mi . N. of, on E. side of highway, in dip west of Piute
Reservoir, in center of concrete head wall of culvert; chiseled square - 6, 010. 84Junction, 5.5 mi . N. of, due W. of N. end of Piute Reservoir, on E. sideof highway, in center of concrete head wall of culvert; chiseledsquare6, 066.99
Junction, 6.0 mi . N. of, 9.2 mi . S. of Marysvale, 17 ft . E. of center line of highway, N. of concrete culvert, in large boulder; standard tablet stamped "1931 H 80 6101" ..... $6,100,565$
Reference mark, 40 ft . SW. of tablet, near S. end of concrete head wall of large culvert; chiseled square ..... 6, 102. 48
Marysvale, 8.3 mi . S. of, on E . side of highway, 85 ft . N. of junction of T-rd. E. to dam, in center of concrete head wall of culvert; chiseled square ..... $6,215.19$
Marysvale, 7.4 mi . S. of, on E. side of highway, in center of concrete head wall of culvert; chiseled square ..... 6, 200. 84
Marysvale, 6.5 mi . S. of, on W. side of highway, near SW. angle of junction of rd. W. to gravel pit, in center of concrete head wall of culvert; chiseled square ..... 6, 163. 85
Marysvale, 6.0 mi . S. of, 31 ft . W. of center line of highway, on N . bank of drain, in large boulder; standard tablet stamped " 1931 H 81 6161" ..... 6, 160. 368
Reference mark, 80 ft . SE. of tablet, in milepost 6 ; spike ..... 6, 159. 89
Marysvale, 5.1 mi . S. of, on E . side of highway, in center of concrete head wall of culvert; chiseled square ..... 6, 196.66
Marysvale, 4.1 mi. S. of, on W. side of highway, 520 ft . S. of junction of rd. to Deer Trail Gold Mine, in center of concrete head wall of culvert; chiseled square ..... 6, 130. 17
Marysvale, 3.2 mi . S. of, on E. side of highway, just N. of ranch house, in center of concrete head wall of culvert; chiseled square ${ }^{21}$ ..... 6, 025.09Marysvale; 2.4 mi . S. of, 650 ft . N. of junction of rd. W. to ranch house,13 ft . E. of center line of highway, in center of concrete head wall ofculvert; standard tablet stamped " 1931 H 82" ${ }^{21}$6, 066. 273
Marysvale, 1.6 mi . S. of, on W. side of curve in highway, in center of concrete head wall of culvert; chiseled square ..... 6, 030. 16Marysvale, 0.7 mi . S. of, on E. side of highway, 250 ft . S. of sign reading"Entering Marysvale," in center of concrete head wall of culvert;chiseled square.5, 940. 03
Marysvale, in front yard of New Grand Hotel, 31 ft . S. of center line of $\mathrm{rd} ., 100 \mathrm{ft}$. W. of highway, 1 ft . S. and 21 ft . E. from angle post in yard fence, 43 ft . E. of center line of walk, in concrete post; standard tablet stamped " 1931 H $83 \quad 5866$ " ..... 5, 866.018
Reference mark, 90 ft . NE. of tablet, near SE. corner of concrete walk at Scenic Hi-way sta.; chiseled square ..... 5, 863. 21Marysvale, 0.8 mi . N. of, on E . side of highway, on W. side of triangleformed by junction of private rd. E., in center of concrete head wallof culvert; chiseled square$5,906.39$
Marysvale, 1.6 mi . N. of, on E. side of highway, in center at base of parapet wall of concrete bridge over wash; chiseled square ..... $5,850.75$

[^16]Marysvale, 2.5 mi . N. of, on W. side of curve in highway, 200 ft . S. of crossing of old R. R. track, on large boulder 4 ft . lower than road Feet level; chiseled square ${ }^{23}$ $\qquad$
Marysvale, 3.4 mi . N. of, 111 ft . E. of curve in highway, 19 ft . SW. of bank of Sevier River, in large boulder; standard tablet stamped "1931 H 84 5803" ${ }^{24}$ 5, 802. 396
Marysvale, 3.4 mi . N. of, 200 ft . SW. of highway, 160 ft . SW. of Telluride Power Co. pole $477,19 \mathrm{ft}$. SW. of W. bank of old channel of Sevier River; standard tablet stamped " 1931 H 84 5803" $5,802.396$
Reference mark, 120 ft . N. of original location of tablet, on large boulder; chiseled square
$5,805.04$
Marysvale, 4.4 mi . NW. of, 100 ft . E. of center line of highway, 80 ft . N. of old foot bridge over Sevier River, in root on S. side of 8 -in. cottonwood tree; copper nail and washer

$5,800.55$

## DELANO PEAK NO. 2 QUADRANGLE

[Latitude $38^{\circ} 15^{\prime}-38^{\circ} 30^{\prime}$; longitude $112^{\circ} 15^{\prime}-112^{\circ} 30^{\prime}$ ]

## PIUTE AND BEAVER COUNTIES

From Minersville No. 1 quadrangle at point east of Indian Creek ranger
station northeast along roads and trails by way of Wildcat Pass into Sevier
quadrangle near junction of Picnic and Fish Creeks (by S. S. Evans in 1936)
Indian Creek ranger sta., 1.0 mi . E. of, on rd. to old sawmill, $49 \mathrm{ft} . \mathrm{N}$. of center line of road., in aspen thicket, SW. of small draw, on boulder in place; chiseled square

7, 734. 64
Indian Creek ranger sta., 1.9 mi . NE. of, 400 ft . N. of old sawmill, 100 ft . SW . of spring, 10 ft . NW. of center line of rd., in large boulder; standard tablet stamped "6 E 1936"

7, 874. 791
Reference mark, 94 ft . SW . of tablet, 30 ft . W. of rd., in root on W. side of $20-\mathrm{in}$. aspen tree; copper nail and washer

7, 871. 22
Indian Creek ranger sta., 2.9 mi . NE. of, on trail to Fish Creek, at junction of trail and old woods rd. NW., 16 ft . W. of trail, 5 ft . NE. of center line of rd., on rock in place; chiseled square

8, 270.77
Indian Creek ranger sta., 3.7 mi . along trail NE. of, at crossing of power line, 38 ft . NW. of pole $225,27 \mathrm{ft}$. NW. of trail, in root on E . side of 24 -in. yellow pine tree; copper nail and washer

8, 642. 44
Indian Creek ranger sta., 4.2 mi . NE. of, at power line crossing on summit, 43 ft . NW. of pole $232,9 \mathrm{ft}$. E. of trail, 15 ft . NE. of U. S. Forest Service sign reading "Wildcat Pass," in concrete post; standard tablet stamped " 7 E 1936"
$9,287.132$
Reference mark, 59 ft . WSW. of tablet, in root on N. side of 18 -in. fir tree; copper nail and washer

9, 283. 14
Indian Creek ranger sta., 5.2 mi . NE. of, 14 ft . SE. of trail, $50 \mathrm{ft} . \mathrm{W}$. of junction of two small creeks, on large boulder in place; chiseled square

8, 401. 56
Indian Creek ranger sta., 6.2 mi . NE. of, about 100 ft . NE. of point where trail crosses small creek, 12 ft . N. of creek, 4 ft . S. of trail, in flat boulder in place; standard tablet stamped " 8 E 1936"

7, 796. 627
Reference mark, 55 ft . W. of tablet, on S . side of trail, in root on N. side of 24 -in. yellow pine tree; copper nail and washer

7, 799. 39

[^17]Indian Creek ranger sta., 7.1 mi . NE. of, about 300 ft . N. of junction of

Picnic and Trail Creeks, 40 ft . NE. of trail, in root on NW. side of $20-\mathrm{in}$. spruce tree; copper nail and washer

Feet
7, 541. 34
Indian Creek ranger sta., 8.0 mi . NE. of, at junction of Picnic Creek and Line Canyon, about 250 ft . SE. of power company cabin, 75 ft . W. of Picnic Creek, on low ridge, in boulder in place; standard tablet stamped "9 E 1936"

7, 411.913
Reference mark, 60 ft . N. of tablet, on boulder in place; chiseled square_ 7, 407. 48
Indian Creek ranger sta., 9.0 mi . NE. of, 1.50 ft . W. of junction of Picnic and Fish Creeks, 44 ft . E. of center line of rd., 110 ft . NE. of U. S. Forest Service sign, on rock in place; chiseled square

7, 160. 11

> From Marysvale southwest along road and trail in Bullion Canyon to summit of trail, thence south to State Highway 21 at point 3.5 miles west of Tushar ranger station (by S. S. Evans in 1936)
U. S. C. \& G. S. standard disk stamped "U 37 1934" ---------.-- 5, 827.095

Reference mark, 62 ft . SE. of disk, in top of N. retaining-wall post between two spans of bridge 132-A; copper nail and washer

5, 826.88
Marysvale, 1.0 mi . SW. of, at T-angle in fence, 23 ft . SE. of center line of rd., about 50 ft . NW. of NW. corner of small frame house, on rock buried in ground; chiseled square

6, 044.84
Marysvale, 2.0 mi . SW. of, 200 ft . SW . of junction of rd. to ranch house, 19 ft . S. of center line of rd., in concrete post; standard tablet stamped " 13 E 1936"

6, 251. 194
Reference mark, 117 ft . E. of tablet, 40 ft . S. of center line of rd., on rock in place; chiseled square

6, 240. 44
Marysvale, 2.9 mi . SW. of, 60 ft . NE. of NE. corner of ranch house, 60 ft . W. of junction of rd. S., 19 ft . S. of center line of rd., on boulder in place; chiseled square

6, 464. 92
Marysvale, 3.8 mi . SW. of, about 350 ft . E. of square concrete water tank, 29 ft . S. of center line of rd., in concrete post; standard tablet stamped "14 E 1936"

6, 684. 228
Reference mark, 100 ft . E. of tablet, 30 ft . S. of center line of rd., on boulder in place; chiseled square

6, 678. 77
Marysvale, 4.8 mi . SW. of, $22 \mathrm{ft} . \mathrm{SW}$. of center line of rd., 15 ft . NE. of creek, in root on N . side of $36-\mathrm{in}$. fir tree; copper nail and washer.
Marysvale, 5.7 mi . SW. of, 0.2 mi . NE. of old Utah Lead Co. mill, on summit of hill, 13 ft . NW. of center line of bend in rd., in boulder in place; standard tablet stamped "15 E 1936"

7, 667. 563
Reference mark, 124 ft . SW. of tablet, 12 ft . SE. of center line of rd., on boulder in place; chiseled square

7, 654. 70
Marysvale, 6.6 mi . SW. of, at W. end of Bully Boy Flat, about 400 ft . W. of cabin, 35 ft . N. of center line of rd., on large flat boulder; chiseled square

7, 945. 22
Marysvale, 7.6 mi . SW. of, 41 ft . S. of creek crossing above falls, 10 ft. SE. of trail, in rock outcrop; standard tablet stamped " 16 E 1936"

8, 790. 773
Reference mark, 22 ft . E. of tablet, on rock outcrop; chiseled square - 8, 782. 03
Marysvale, 8.5 mi . SW. of, 5 ft . N. of trail, 150 ft . N. of U. S. Forest
Service administrative camp site, on boulder in place; chiseled square

8, 971.29
Marysvale, 9.5 mi . SW. of, 18 ft . SW. of trail, about 300 ft . W. of junction of Pine Creek and creek NW., in rock outcrop; standard tablet stamped "17 E 1936"

9, 700. 330
Reference mark, 16 ft . SW. of tablet, on rock outcrop; chiseled squarc_ 9, 701. 46

Marysvale, 10.5 mi . SW. of, at W . end of opening on low ridge, Feet 40 ft . S. of trail, on boulder in place; chiseled square $\ldots$.-..........- $10,328.32$
Marysvale, 11.2 mi . SW. of, 270 ft . SE. of NE. corner of Bullion ranger sta. pasture, 17 ft . W. of trail, in boulder in place; standard tablet stamped " 18 E 1936"

10, 690.441
Reference mark, 282 ft . NW. of tablet, 68 ft . NE. of NE. corner of pasture, on boulder in place; chiseled square
$10,694.64$
Marysvale, 11.8 mi . SW. of, 2.5 mi . W., thence 10.1 mi . N. from Tushar ranger sta., about 350 ft . SW. of junction of trail up Bullion Canyon and trail N . from Tushar ranger sta., 10 ft . N . of trail, in root on E. side of 48 -in. twin fir tree; copper nail and washer_ $10,930.84$
Tushar ranger sta., 2.5 mi . W., thence 9.5 mi . N. from, 57 ft . NNW. of trail signpost at summit of trail N. from ranger sta., in root of scrub pine tree; copper nail and washer $11,145.74$
Reference mark, 27 ft . E. of trail sign post at summit of trail, in root of scrub pine tree; copper nail and washer 11, 149. 86
Tushar ranger sta., 2.5 mi . W., thence $9.0 \mathrm{mi} . \mathrm{N}$. from, at S . end of saddle between Bullion Canyon and North Creek, 16 ft . E. of trail, in large rock outcrop; standard tablet stamped " 23 E 1936"....... 11, 227. 318
Reference mark, 27 ft . S. of tablet, 8 ft . E. of trail, on rock outcrop; chiseled square 11, 235. 71
Tushar ranger sta., 2.5 mi . W., thence 8.6 mi . N. from, 104 ft . NE. of pole on summit where telephone line crosses, 69 ft . E. of first pole N . of summit, on rock outcrop; chiseled square $11,355.22$
Tushar ranger sta., 2.5 mi . W., thence 7.8 mi . N. from, 22 ft . NE. of trail, in boulder in place; standard tablet stamped " 22 E 1936".-- $10,806.248$
Reference mark, 73 ft . W. of tablet, 26 ft . SW. of trail, on boulder in place; chiseled square
$10,806.57$
Tushar ranger sta., 2.5 mi . W., thence $6.8 \mathrm{mi}, \mathrm{N}$. from, 13 ft . W. of trail, in root on $W$. side of 18 -in. fir tree; copper nail and washer_- $10,455.15$
Tushar ranger sta., 2.5 mi . W., thence 5.8 mi . N. from, on E. edge of opening S. of sawmill, 400 ft . E. of center line of rd. to Mount
Belknap and Delano Peak, in large boulder in place; standard tablet stamped " 21 E 1936"

10, 173. 326
Reference mark, 65 ft . S. of tablet, on boulder in place; chiseled square

10, 169. 39
.Tushar ranger sta., 2.5 mi . W., thence 4.9 mi . N. from, on S. end of
Big John Flat, 100 ft . S. of summit and 47 ft . SW. of center line of rd., in root on E . side of 24 -in. fir tree; copper nail and washer.-.-.--
Tushar ranger sta., 2.5 mi . W., thence 3.8 mi . N. from, 14 ft . E. of center line of rd., in boulder in place; standard tablet stamped " 20 E 1936"

9, 438. 710
Reference mark, 68 ft . N. of tablet, 13 ft . E. of center line of rd., in root on E . side of 24 -in. fir tree; copper nail and washer

9, 443. 96
Tushar ranger sta., 2.5 mi . W., thence 2.8 mi . N. from, 100 ft . NE. of rd. fork, 30 ft . E. of new rd., 16 ft . W. of old rd., in root on W. side of $20-\mathrm{in}$. fir tree; copper nail and washer. 9, 112. 14

Tushar ranger sta., 2.5 mi . W.. thence 0.8 mi . N. from, about 400 ft .
NE. of bridge over W. fork of Merchant Creek, 16 ft . SE. of center
line of rd., on boulder in place; chiseled square .-....................- $8,514.42$
U. S. C. \& G. S. standard disk stamped "P 231 1935".................-. $8,366.453$
Reference mark, 193 ft . NE. of disk, 70 ft . SE. of center line of ril., on ..... Feet
boulder in place; chiseled square ..... 8, 370.98
U. S. C. \& G. S. standard disk stamped "Q 231 1935" ..... 8, 570. 363
Reference mark, 145 ft . W. of disk, 9 ft . N. of center line of rd., on rock outcrop; chiseled square ..... 8. 566.29
DELANO PEAK NO. 3 QUADRANGLE
[Latitude $38^{\circ} 00^{\prime}-38^{\circ} 15^{\prime}$; longitude $112^{\circ} 15^{\prime}-112^{\circ} 30^{\prime}$ ]
IRON, BEAVER, GARFIELD, AND PIOTE COUNTIES
From Adams Head quadrangle along U. S. Highway 89 northeast to Circleville, thence north and east into Delano Peak No. 4 quadrangle (by E. E. Harris in 1831)
Spry post office, 0.5 mi . S . of, on W. side of highway, just N. of cut, on corrugated drain pipe; chiseled square ..... 6, 370. 60
Spry post office, in front of; center of highway ..... 6, 350. 3
Spry, 0.3 mi . NE. of, on SE. side of highway, at point of mountain, in center of concrete head wall of culvert; chiseled square ..... 6, 331. 20
Spry, 1.1 mi . NE. of, 23 ft . W. of center line of highway, 4 ft . aboveroad level, in sandstone shelf at base of prominent cliff; standardtablet stamped " 1931 H 71 6323"6, 322. 906
Spry, 2.2 mi . NE. of, on SE. side of curve in highway, in center of con- crete head wall of culvert; chiseled square ..... 6, 310. 93
Spry, 3.4 mi . NE. of, on E. side of curve in highway, between crossingsof power lines, in center of concrete head wall of culvert; chiseledsquare6, 294. 74
Spry, 4.5 mi . NE. of, 16 ft . E. of center line of highway, in center ofconcrete head wall of culvert; standard tablet stamped " 1931 H 726307'6, 306. 306
Spry, 5.3 mi . NE. of, on E. side of highway, in center of concrete head wall of culvert; chiseled square ..... 6, 263.18
Spry, 6.2 mi . NE. of, on E. side of highway, 400 ft . S. of power line crossing, on S. end of concrete head wall of culvert; chiseled square.. ..... 6, 245.10
Spry, 6.8 mi . NE. of, on E. side of curve in highway, in center of con-crete head wall of culvert; chiseled square6, 238. 34
Spry, 7.5 mi . NE. of, 5.8 mi . SW. of Circleville, 25 ft . E. of center line of highway, in S. end of concrete head wall of culvert; standard tablet stamped " 1931 H 73 6228" ..... $6,227.386$
Reference mark, 210 ft . S. of tablet, on boulder; chiseled square ..... 6, 231. 10
Circleville, 5.2 mi . SW. of, on NE. corner of concrete bridge over wash; chiseled square ..... 6, 242.88
Circleville, 4.5 mi . SW. of, on S . side of curve in highway, in center of concrete head wall of culvert; chiseled square ..... 6, 172.73
Circleville, 3.7 mi . SW. of, on S . side of highway, in center of concrete head wall of culvert; chiseled square ..... 6, 170. 52Circleville, 2.7 mi . SW. of, on SE. side of highway, 2 ft . NW. of fence,on Garfield-Piute county line, in concrete post; standard tabletstamped " 1931 H 74 6144"6, 143. 797
Reference mark, $140 \mathrm{ft} . \mathrm{S} .70^{\circ} \mathrm{W}$. of tablet, on large boulder; chiseled square ..... 6, 149. 79
Circleville, 2.2 mi . SW. of, on S. side of curve in highway at point ofmountain, in center of concrete head wall of culvert; chiseledsquare$6,113.48$Circleville, 1.3 mi . SW. of, on E. side of curve in highway, in center ofconcrete head wall of culvert over irrigation ditch; chiseled square.6, 092. 62
Circleville, 0.9 mi . SW. of, near town limits, in NE. angle of junction of T-rd. E., in root on S. side of $30-\mathrm{in}$. cottonwood tree; copper nail and washernail and washer6, 082. 60
Circleville, just N. of post office, in SE. angle of crossroads, in N.concrete wing wall of culvert; standard tablet stamped " 1931 H 756062'"$6,061.356$
Reference mark, $75 \mathrm{ft} . \mathrm{S}$. of tablet, on N . end of concrete head wall of culvert; chiseled square ..... 6, 061. 33Circleville, 0.8 mi . N. of, on SE. side of highway, in center of concretehead wall of culvert; chiseled square$6,051.84$
Circleville, 1.5 mi . NE. of, on SE. side of highway, between crossingsof old highway, in center of concrete head wall of culvert; chiseledsquare6, 043. 43Circleville, 2.6 mi . NE. of, on SE. side of curve in highway, in SE.angle of rd. junction, at angle in telephone line, in center of con-crete head wall of culvert; chiseled square6, 019. 93
DELANO PEAK NO. 4 QUADRANGLE
[Latitude $38^{\circ} 00^{\prime}-38^{\circ} 15^{\prime}$; longitude $112^{\circ} 00^{\prime}-112^{\circ} 15^{\prime}$ ]
GARFIELD AND PIUTE COUNTIES
From Delano Peak No. 3 quadrangle northeast and north along U. S. High- way 89 into Delano Peak No. 1 quadrangle (by. E. E. Harris in 1931)Circleville, 3.6 mi . NE. of, 3.0 mi . S. of Junction, 48 ft . W. of curve inhighway, 17 ft . S. and 2 ft . E. from angle post in fence line, in con-crete post; standard tablet stamped " 1931 H 76 6007"$6,006.176$
Reference mark, 830 ft . N. $45^{\circ} \mathrm{E}$. of tablet, on SE. stone wing wall of steel bridge over Sevier River; chiseled square ..... 6, 008. 58
Junction, 2.0 mi . S. of, on E. side of curve in highway, in center of concrete head wall of culvert; chiseled square. ..... 5, 994. 05
Junction, 0.8 mi . S. of, in SE. angle of junction of rd. E. to Antimony, in center of concrete head wall of culvert; chiseled square ..... $5,983.60$
DESERET QUADRANGLE
[Latitude $39^{\circ} 00^{\prime}-39^{\circ} 30^{\prime}$; longitude $112^{\circ} 30^{\prime}-113^{\circ} 00^{\prime}$ ]MILLARD COUNTY
From Oasis southwest to Deseret, thence northwest along stage road into Ante- lope Mountain quadrangle (by T. A. Green in 1908)
Oasis, at SW. corner of Day's Hotel; standard iron post with bronze cap stamped "4591 1908" ..... $4,593.803$
Oasis, in front of Union Pacific R. R. sta.; top of rail ..... $4,596.4$
Deseret, 75 ft . E. of crossroads, S. of post office, at corner of corpora- tion scales; top of bolt ..... 4,586. 63
Deseret, 5.1 mi . NW. of, 100 ft . N. of rd., in $24-$ by $12-$ by 6 -in. rock; aluminum tablet stamped " 4572 " ..... $4,574.592$
Deseret, 10.9 mi . NW. of, 50 ft . N. of rd.; standard iron post with bronze cap stamped " 4559 " ..... $4,561.664$
Deseret, 16.7 mj . NW. of, about 16 mi . SE. of Drum, 1.1 mi . NW. of old smelter, 30 ft . E. of rd., in oblong rock; aluminum tablet stamped "4681" ..... 4, 683. 941
Drum, 11.0 mi . SE. of, 10 ft . W. of rd., in brown sandstone boulder 30 in. wide and 18 in. high; standard tablet stamped " 5028 " ..... 5, 031. 124

## From Antelope Mountain quadrangle east along road from Antelope Pass to Crafts, thence northeast to Deseret (by T. A. Green in 1908)

Soap Hollow, 7.2 mi . E. of, 8.1 mi . NW. of Crafts, 50 ft . E. of rd. fork,on E. side of Swasey Wash; standard iron post with bronze capstamped " 4680 "Feet$4,682.962$Crafts, 2.8 mi . NW. of, 40 ft . N. of rd.; standard iron post with bronze cap stamped " 4553 " ..... $4,555.821$
Crafts, 1.8 mi . NW. of, at NW. corner of lake, on W. side of rd.; point on rock ..... $4,552.43$
Crafts, 3.2 mi . NW. of, on top of small ridge, 20 ft . W. of rd.; stand-ard iron post with bronze cap stamped " 4561 "$4,564.379$
Deseret, 3.4 mi . W. of, 130 ft . N: of rd. fork, 30 ft . E. of rd.; standard iron post with bronze cap stamped " 4573 " ..... $4,575.542$
From Scipio quadrangle west along State Highway 26 to $\mathrm{O}_{\text {asis (by E. E. Harris }}$ in 1931)Oasis, 6.7 mi . SE. of, 13 ft . E. of junction of farm rd. N., 58 ft . N. ofcenter line of highway, 25 ft . N. and 2 ft . E. from fence line, in con-crete post; standard tablet stamped "1931 H 121 4595"$4,594.569$
Reference mark, 45 ft . S. of tablet, in center at base of concrete para- pet wall of bridge over irrigation ditch; chiseled square ..... $4,596.25$Oasis, 5.7 mi . SE. of, 50 ft . W. of junction of rd. N., on N. side ofhighway, near $E$. end of guard rail of small concrete bridge; chiseledsquare4, 596. 74
Oasis, 4.7 mi . SE. of, on N . side of highway, near E. end of concrete guard rail of small bridge; chiseled square ..... $4,598.87$
Oasis, 4.2 mi . SE. of, 100 ft . W. of crossroads, on N. side of highway,in center of concrete head wall of culvert; chiseled square$4,596.20$
Oasis, 0.5 mi . S., thence 2.7 mi . E. from, 4.0 mi . S. of Delta, 45 ft . N.of center line of main highway at turn from W. to N., 16 ft . N. oftelephone pole, in concrete post; standard tablet stamped " ${ }^{1} 931$H 122 4591"$4,590.861$
Reference mark, 160 ft . SE. of tablet, in center of N . concrete head wall of culvert; chiseled square ..... 4., 591. 25Oasis, 0.5 mi . S., thence 1.5 mi . E. from, in SW . angle at junction ofT-rd. S., on SW. abutment of small wooden bridge; chiseled square.$4,586.16$
Oasis, 0.5 mi . S., thence 0.6 mi . E. from, in SE. angle of crossroads,in root on NW. side of $15-\mathrm{in}$. cottonwood tree; copper nail andwasher$4,588.83$
U. S. C. \& G. S. standard disk stamped "H 4" ..... $4,596.634$
DRUM QUADRANGLE
[Latitude $39^{\circ} 30^{\prime}-40^{\circ} 00^{\prime}$; longitude $113^{\circ} 00^{\prime}-113^{\circ} 30^{\prime}$ ]
JUAB, MILLARD, AND TOOELE COUNTIES
From Antelope Mountain quadrangle northwest along stage road to Hot Springs, thence southwest into Callao quadrangle (by T. A. Green in 1908)
Drum, 5.0 mi . SE. of, 20 ft . E. of rd. at sharp bend to N., in rock; aluminum tablet stamped " 5653 " ..... $5,656.470$
Drum, 0.5 mi . W. of, 100 ft . S. of rd., 325 ft . W. of crossroads, on topof small hill, in porphyry outcrop; aluminum tablet stamped" 5954 " (recovered by U. S. C. \& G. S. in 1934)5, 956.989
Drum, 5.2 mi . NW. of, at plane-table station, 30 ft . S. of rd., in rock;aluminum tablet stamped " 5333 "5, 336. 226

| Drum, 11.8 mi . NW. of, 11.3 mi . SE. of Cane Spring, 30 ft . E. in rock; aluminum tablet stamped " 4743 " | $\begin{gathered} \text { Feet } \\ 4,746.222 \end{gathered}$ |
| :---: | :---: |
| Cane Spring, 5.0 mi . SE. of, 870 ft . W. of second-class rd. N., 20 N. of rd., in rock; aluminum tablet stamped " 4390 " | $4,392.546$ |
| Cane Spring, $0.7 \mathrm{mi} . \mathrm{N}$. of, 50 ft . N. of freighter's feed box and cedar post, on E. side of rd., in rock; aluminum tablet stamped " 4337 " (recovered in 1936) | $4,339.684$ |
| Thomas ranch, in E. side of old stone dwelling of J. J. Thomas, N. of S. door; aluminum tablet stamped " 4319 ". | $4,321.620$ |
| Fish Springs, 1.8 mi . NW. of, 200 ft . W. of rd., near W. end of black mesa; standard iron post with bronze cap stamped " 4340 " (recovered by U. S. C. \& G. S. in 1934) $\qquad$ |  |

> From road junction 3 miles west of Drum southwest along Drum-Swasey Spring rcad into Antelope Mountain quadrangle (by T. A. Green in 1908)

Drum, 8.3 mi . SW. of, 40 ft . SE. of rd.; standard iron post with bronze cap stamped " 5146 "

## DUCHESNE QUADRANGLE

[Latitude $40^{\circ} 00^{\prime}-40^{\circ} 30^{\prime}$; longitude $110^{\circ} 00^{\prime}-110^{\circ} 30^{\prime}$ ]
DUCHESNE COUNTY
From Red Creek quadrangle near mouth of Rock Creek along roads southeast
to Duchesne, thence east and northeast to bridge across Lake Fork at point
about 1 mile north and $2^{\prime}$ miles west from Myton (by E. W. Glafcke in 1900)
Duchesne, 12.3 mi . NW. of post office, 0.2 mi . E. of mouth of Rock Creek, at N. boundary of Tabby farm, on $S$. side of rd. near fence; standard iron post with bronze cap stamped " 6029 S LAK".-.- 6, 030. 497
Duchesne, 9.3 mi . NW. of, 3.0 mi . SE. of mouth of Rock Creek, 500 ft . E. of Duchesne River, 25 ft . E. of trail; standard iron post with bronze cap stamped " 5900 S LAK"

5, 901. 500
Duchesne, 5.9 mi . NW. of, 6.8 mi . S. of mouth of Rock Creek, 0.2 mi . E. of Duchesne River, at rd. fork; standard iron post with bronze cap stamped "5789 S LAK"

5, 790. 833
Duchesne, 2.8 mi . N. of, 3.5 mi . N. of mouth of Strawberry Creek, 300 ft. E. of Duchesne Bridge, at junction of rd. E. to Blue Bench; standard iron post with bronze cap stamped " 5648 S LAK"......
Duchesne, 0.5 mi . E. of, at mouth of Strawberry Creek, 100 ft . E. of Duchesne River, 135 ft . N. and 30 ft . W. from junction of rd. NW., in garden; standard iron post with bronze cap stamped " 5517 S LAAK" (recovered in 1934)
$5,507.890$
Duchesne, 5.9 mi . E. of, 500 ft . N. of Duchesne River, 0.2 mi . W. of grove of trees, $50 \mathrm{ft} . \mathrm{N}$. of rd., on first bench; standard iron post with bronze cap stamped " 5378 S LAK"
$5,368.487$
Bridgeland, 10.8 mi . E. of Duchesne, 300 ft . N. of Duchesne River, at point where Lake Fork rd. crosses bench, on hillside, in sandstone ledge; standard tablet stamped "5314 S LAK"
$5,305.042$
Myton, about 1 mi . N. and 2 mi . W. from, at mouth of Lake Fork, 100 ft . E. of bridge, on N. side of rd.; standard iron post with bronze cap stamped " 5117 S LAK"

5, 118. 323

## From mouth of Lake Fork along winding road generally northwest across Blue Bench to point about 6 miles north of Duchesne (by E. W. Glafcke in 1801)



> From Red Creek quadrangle near Mountain Sheep Pass southeast along road to Mountain Home, thence south and west to Talmage, thence southeast to Blue Bench (by H. R. Kilmer in 1923)

Mountain Sheep Pass, 0.8 mi . E. of, 8.0 mi . NW. of Mountain Home,
40 ft . S. of rd., in boulder; standard tablet.-------------------7, 636.194
Mountain Home, 6.8 mi . NW. of, 15 ft . N. of rd., on boulder; chiseled 1 7, 471.50
Mountain Home, 4.5 mi . NW. of, 50 ft . N. of junction of upper and
lower rds., in flat houlder; standard tablet. $-\ldots \ldots-\ldots .-7,206.960$





Mountain Home, at SE. corner of Stevenson store, in concrete step;
standard tablet stamped " 6993 " (recovered in 1934) ..........-. 6, 993.509

Talmage, at $W$. end of bridge over canal, in sleeper; copper nail and washer
$6,833.39$
Talmage, 3.4 mi . S. of, 10 ft . W. of rd., in flat boulder; standard ..... Feet. tablet ..... ${ }^{25} 6,524.225$Talmage, 5.6 mi . SE. of, 8.7 mi . N. of Duchesne, in N. angle of rd.fork, 150 ft . E. of rd., 200 ft . S. of cabin, in root of lone cedar tree;copper nail and washer (recovered in 1934)$6,151.04$
From Vernal quadrangle 10.4 miles southwest of Fort Duchesne southwest along roads to Myton, thence along ס. S. Highway 40 to Duchesne (by G. W. Moore in 1934)
Myton, 5.4 mi . NE. of highway bridge over Duchesne River at, 10.4 mi. SW. of Fort Duchesne, 35 ft . S. and 165 ft . W. from crossing of farm rd., in concrete post; standard tablet stamped "M 71934 5067" ..... 5, 067. 157
Reference mark, 155 ft . E. of tablet, 30 ft . S. of rd., at corner of fence, in NW. end of old irrigation gate; copper nail and washer_ - 5, 065. 91
Myton, 4.5 mi . NE. of, at bridge over creek, in N. guard rail; copper nail and washer ..... $5,100.05$
Myton, 3.9 mi . NE. of, 50 ft . S. and 75 ft . W. from junction of T-rd.
E., in root on E. side of twin cottonwood tree; copper nail and washer ..... $5,145.83$
Myton, 2.3 mi . NE. of, on E. side of hill, at wooden bridge over irri- gation ditch, in N. guard plank; copper nail and washer ..... $5,124.18$
Myton, 2.2 mi . NE. of, on W. side of hill, at wooden bridge over irri- gation ditch, in N. guard plank; copper nail and washer ..... $5,124.25$
Myton, 2.1 mi . NE. of, 0.2 mi . NE. of crossroads, 80 ft . W. of rd., in rock outcrop; standard tablet stamped "M 81934 5108", ..... $5,108.863$
Reference mark, 56 ft . NE. of tablet, 29 ft . W. of rd., on rock out- crop; chiseled square ..... 5, 108. 03
Myton, 1.4 mi . NE. of, 65 ft . S. of junction of T-lane S., in crossbrace at $S$. end of weir; copper nail and washer ..... $5,085.87$
Myton, 0.8 mi . NE. of, 33 ft . S. and 33 ft . W. from crossroads, in brace of telephone pole; spike (recovered by U. S. C. \& G. S. in 1934) ..... $5,102.276$
Myton, at highway bridge over Duchesne River, in top of E. parapet wall of N. concrete abutment; standard tablet stamped "M 91934 5074". (recovered by U. S. C. \& G. S. in 1934) ..... $5,074.048$
Reference mark, 465 ft . S. of tablet, 20 ft . NE. of NE. corner of building occupied by Myton Store Co., 25 ft . W. of highway, on W. concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) ..... $5,074.163$
Myton, at NE. corner of bridge over Duchesne River, at 5-ft. mark on gage; top edge of nail head ..... 5, 066. 48
Myton, at center of crossroads; pavement ..... 5, 082. 5
Myton, 1.0 mi . SW. of highway bridge over Duchesne River, 200 ft .NE. of crossroads, on top of $N$. concrete head wall of culvert;chiseled square$5,101.29$
Myton, 2.2 mi . SW. of, 15 ft . N. and 20 ft . W. from crossroads, in top of $N$. concrete head wall of culvert; standard tablet stamped "M 101934 5126" ..... 5, 127. 017
Reference mark, 190 ft . NE. of tablet, 50 ft . N. of highway; top of iron post set in concrete and marked "State road right-of-way"....... ..... 5, 128. 102Myton, $2.7 \mathrm{mi} . \mathrm{SW}$. of, 15 ft . N. and 30 ft . E. from crossroads, on topof $N$. concrete head wall of culvert; chiseled square$5,142.54$

[^18]Myton, 3.8 mi . SW. of, 15 ft . N. and 35 ft . E. from crossroads, on top ..... Feet of N . concrete head wall of culvert; chiseled square ..... 5, 167. 68Myton, 4.4 mi . SW. of, 5.9 mi . E. of Bridgeland, 15 ft . S. and 15 ft .W. from junction of second-class rd., in top of S. concrete headwall of culvert; standard tablet stamped "M 1119345179 "(recovered by U. S. C. \& G. S. in 1934)5, 179. 415
Reference mark, 255 ft . SW. of tablet, 50 ft . S. of highway; top of iron post set in concrete and marked "State road right-of-way".- ..... 5, 180. 787
Bridgeland, 4.8 mi . E. of post office, 130 ft . NE. of large drain, 30 ft .E. of N.-S. fence line, on top of N. concrete head wall of culvert;chiseled square5, 207. 12Bridgeland, 4.0 mi . E. of, 20 ft . S. and 15 ft . W. from crossroads, inS. concrete head wall of culvert; standard tablet stamped "M 12$19345224^{\prime \prime}$ (recovered by U. S. C. \& G. S. in 1934)5, 224. 150
Reference mark, 64 ft . NW. of tablet, 50 ft . N. of highway; top of iron post set in concrete and marked "State road right-of-way" (recovered by U. S. C. \& G. S. in 1934) ..... 5, 223. 897Bridgeland, 2.9 mi . E. of, 30 ft . E. of N.-S. fence line, 15 ft . N. of junc-tion of second-class rd. SE., on top of E. end of N. concrete headwall of culvert; chiseled square5, 251.17Bridgeland, 1.8 mi . SE. of, at concrete highway bridge over AntelopeDraw, in top of N. parapet wall of E. abutment; standard tabletstamped "M 131934 5285" (recovered by U. S. C. \& G. S. in 1934) _5, 285.911
Reference mark, 55 ft . E. of tablet, on N. concrete head wall of small ..... 5, 285. 20culvert; chiseled square
Bridgeland, 0.8 mi . SE. of, on top of S. concrete head wall of culvert; chiseled square ..... 5, 285.39Bridgeland, 0.2 mi . E. of, at large steel bridge over Duchesne River,in N. parapet wall of $W$. concrete abutment; standard tabletstamped "M 141934 5296" (recovered by U. S. C. \& G. S. in1934)5, 296. 971
Reference mark, 50 ft . NW. of tablet; top of iron post set in concrete and marked "State road right-of-way" ..... 5, 290. 93
Duchesne River; surface of water at 2 p. m. March 24, 1934 ..... 5, 285. 0
Bridgeland, 0.8 mi . SW. of, near summit of hill, on top of N . concrete head wall of culvert; chiseled square ..... 5, 326. 38
Bridgeland, 1.8 mi . W. of, 410 ft . E. of junction of rd. NE., at summit of hill, in top of E . end of N . concrete head wall of culvert; standard tablet stamped "M 151934 5363" (recovered by U. S. C. \& G. S. in 1934) ..... 5, 363.910
Reference mark, 38 ft . N. of tablet; top of iron post set in concrete and marked "State road right-of-way" ..... 5, 365.69
Bridgeland, 2.8 mi . W. of, a't NW. corner of wooden bridge, on N. guard rail; top of W. bolt ..... $5,392.44$
Bridgeland, 3.4 mi . W. of, at NE. side of bridge, on N. guard rail; top of E. bolt ..... 5, 385. 82Bridgeland, 4.2 mi . W. of, 5.2 mi . E. of Duchesne, 45 ft . S. and 30 ft .W. from junction of T-rd. S., 10 ft . W. of corner of fence, in concretepost; standard tablet stamped "M 161934 5412" (recovered byU. S. C. \& G. S. in 1934)5, 412. 417
Reference mark, 55 ft . NE. of tablet; top of S. end of corrugated iron drain pipe ..... 5, 411.55
Duchesne, 4.2 mi . E. of post office, 5.2 mi . W. of Bridgeland, 20 ft . S. and 60 ft . W. from junction of private rd. S., at summit of small hill, in root on NE. side of $15-\mathrm{in}$. cottonwood tree; copper nail and washer
5, 424.39
Duchesne, 3.4 mi . E. of, 20 ft . NW. of junction of private T-rd. N., in top at E . end of N . concrete head wall of culvert; standard tablet stamped "M 171934 5437" (recovered by U. S. C. \& G. S. in 1934)
5, 438. 027
Reference mark, 159 ft . SW. of tablet, 50 ft . S. of rd.; top of iron post set in concrete and marked "State road right-of-way"
$5,440 \cdot 28$
Duchesne, 2.2 mi . E. of, 50 ft . NW. of highway, 65 ft . N. of crossroads; top of iron post set in concrete and marked "State road right-of-way"
5, 461. 029
Duchesne, 1.2 mi . E. of, 0.7 mi . NE. of steel highway bridge over Duchesne River, in top of NW. concrete head wall of culvert; standard tablet stamped "M $181934 \quad 5476$ " (recovered by U. S. C. \& G. S. in 1934)
5, 476.326
Reference mark, 354 ft . SW. of tablet, on NW. concrete head wall of culvert; chiseled square
5, 475.43
Duchesne, at highway bridge over Duchesne River, on top of N . parapet wall of E. concrete abutment; chiseled square
5, 503. 80
Duchesne River; surface of water at 10 a . m. April 3, 1934_-_-_-. 5, 491. 1
Duchesne, 0.1 mi . W. of, 50 ft . S. and 25 ft . W. from crossroads, on top of S. concrete head wall of culvert; standard tablet stamped "M 19 $19345513^{\prime \prime}$ (recovered by U. S. C. \& G. S. in 1934)
5, 513. 762
Reference mark, 99 ft . N. of tablet, on top of N. concrete head wall of culvert; chiseled square
5, 513. 98

> From Duchesne 2.5 miles along State High way 33 south west, thence along roads east 4 miles and south 5 miles, thence east and northeast along road by way of Sowers Canyon and Antelope Draw to U.S. High way 40 near Bridgeland (by G. W. Moore in 1934)

Duchesne, 0.6 mi . SW. of post office, at wooden highway bridge over Strawberry Creek, in top of pole at NW. corner; copper nail and washer
$5,517.36$
Duchesne, 2.5 mi . SW. of, 45 ft . SE. of State Highway 33, 75 ft . S. of junction of rd. SE., 9 ft . NW. of telephone line, in concrete post; standard tablet stamped "M 601934 5716" (recovered by U. S. C. \& G. S. in 1934)

5, 717. 032
Reference mark, 78 ft . SW. of tablet, on buried boulder; chiseled square

5, 715. 54
Duchesne, 2.5 mi . SW., thence 1.0 mi . SE. from, 65 ft . N. of rd., 15 ft . E. of shale outcrop, on hillside, in root on SE. side of scrub juniper tree; copper nail and washer
$5,876.24$
Duchesne, 2.5 mi . SW., thence 1.8 mi . SE. from, 25 ft . S. and 25 ft . W, from junction of rd. S., on point of hill, in concrete post; standard tablet stamped "M 611934 5999"

5, 999. 636
Reference mark, 71 ft . SE. of tablet, 30 ft . W. of junction of rd. S., on hillside, in root on W . side of scrub cedar tree; copper nail and washer

6, 002. 73
Duchesne, 2.5 mi . SW., thence 2.8 mi . SE. from, 70 ft . NW. of rd., in root on SE. side of scrub cedar tree; copper nail and washer.

5, 954.37
Duchesne, 2.5 mi . SW., thence 3.7 mi . SE. from, 0.4 mi . W. of Coyote Canyon rd., 20 ft . N . of rd., on summit of ridge, in root on N . side of scrub cedar tree; copper nail and washer

5, 915.39
Duchesne, 5.8 mi . by way of Coyote Canyon SE. of, 30 ft . S. and 16ft. W. from crossroads, in concrete post; standard tablet stamped"M 621934 5871"Feet5, 871. 716
Reference mark, 87 ft . SW. of tablet, on hillside, in root on NE. side of lone scrub cedar tree; copper nail and washer ..... $5,876.69$
Duchesne, 6.8 mi . SW. of, 30 ft . E. of rd., in root on SW. side of scrub cedar tree; copper nail and washer ..... 6, 008. 62
Duchesne, 7.8 mi . SE. of, 16 ft . W. of junction of rd. SE., on summit of ridge between Coyote and Cottonwood Canyons, in concrete post; standard tablet stamped "M 631934 6167" ..... 6, 168. 159
Reference mark, 206 ft . SW. of tablet, 110 ft . W. of rd., on point of hill, in base on E. side of scrub cedar tree; copper nail and washer. ..... 6, 176. 25
Duchesne, 8.7 mi . SE. of, 85 ft . NW. of rd., on hillside, in root on E. side of scrub piñon tree; copper nail and washer ..... 6, 260. 23Duchesne, 9.6 mi . SE. of, 500 ft . S. of Cottonwood Canyon, 20 ft . W. ofrd., opposite point of hill, in concrete post; standard tablet stamped"M 641934 6201"$6,201.487$
Reference mark, 81 ft . S. of tablet, on buried boulder; chiseled square ..... 6, 203. 08
Duchesne, 10.6 mi . SE. of, 350 ft . NE. of junction of rd. E., 10 ft . E.of rd., on summit of ridge between Cottonwood and Sowers Can-yons, in base on W. side of scrub cedar tree; iron spike6, 440. 27Duchesne, 10.3 mi . SE. of, 60 ft . SW . of rd. fork, on summit of ridgeoverlooking Sowers Canyon, in concrete post; standard tabletstamped "M 651934 6512"6, 513. 227
Reference mark, 45 ft . SE. of tiblet, at E. side of rd., in root on W.side of scrub cedar tree; copper nail and washer$6,511.77$
Duchesne, 11.1 mi . SE. of, 105 ft . W. of hairpin curve in rd., 18 ft . S. of rd., on point of hill, on flat boulder; chiseled square ..... $6,411.27$
Duchesne, 11.5 mi . SE. of, 10.5 mi . SW. of Artelope Draw shearingshed, 0.5 mi . NE. of junction of Sowers and Tabby Canyons, 30 ft .W. of rd. fork, in concrete post; standard tablet stamped "M 661934 6236"6, 236. 931
Reference mark, 56 ft . NE. of tablet, on buried boulder; chiseled square ..... 6, 230.75
Antelope Draw shearing shed, 9.5 mi . SW. of, 16 ft . S. of rd., at curve around point of hill, on buried boulder; chiseled square ..... 6, 159. 85
Antelope Draw shearing shed, 8.5 mi . SW. of, 150 ft . N. of ranch ofT. S. Ross, 21 ft . N. of rd., in concrete post; standard tablet stamped"M 671934 6097"6, 097. 561
Reference mark, 74 ft . SE. of tablet, on projecting base of $\log$ at NW.corner of tool house; copper nail and washer6, 091. 06Antelope Draw shearing shed, 7.5 mi . SW. of, 700 ft . W. of ranch ofG. A. Salmonson, 20 ft . N. of rd., on rock ledge; chiseled square_-. 6, 039.46
Antelope Draw shearing shed, 6.5 mi . SW. of: 20 ft . N. of SowersCanyon rd., in concrete post; standard tablet stamped "M 68.19345961 "5, 962.034
Reference mark, 103 ft . SE. of tablet, 18 ft . S. of rd., on buriedboulder; chiseled square$5,958.50$Antelope Draw shearing shed, 5.4 mi . SW. of, 80 ft . W. of rd., ingrove of trees on hillside, in root on E. side of scrub cedar tree;copper nail and washer5, 914. 55
Antelope Draw shearing shed, 4.4 mi . SW. of, 25 ft . N. of Sowers Canyon rd., in concrete post; standard tablet stamped "M 691934 $5823^{\prime \prime}$ ..... 5, 823. 778

|  | Feet $820.46$ |
| :---: | :---: |
| Antelope Draw shearing shed, $3.4 \mathrm{mi} . \mathrm{SW}$. of, 10 ft . W. of rd. at cur at old rd. fork, at edge of brush, on buried boulder; chiseled squar |  |
| Antelope Draw shearing shed, 2.2 mi . SW. of, 60 ft . SW . of junction of second-class rd. W.; 13 ft . NW. of rd., in concrete post; standard tablet stamped "M 701934 5667" |  |
| Reference mark, 107 ft . NE. of tablet, 11 ft . NW. of rd., on bur boulder; chiseled square |  |
| Antelope Draw shearing shed, $0.4 \mathrm{mi} . \mathrm{SW}$. of, 46 ft . N. and 30 ft . W. from crossroads, 13 ft . N . of corner of fence, in concrete post standard tablet stamped "M $711934 \quad 5544$ " |  |
| Antelope Draw shearing shed, 0.4 mi . SW . and 1.3 mi . N. from, 9 SE. of rd., on boulder; chiseled square |  |
| Antelope Draw shearing shed, 0.4 mi . SW. and 2.0 mi . N. from, mi. W. and 1.7 mi . S. from Antelope Bridge, 12 ft . SE. of rd., large boulder; standard tablet stamped "M 911934 5421" | $\text { 421. } 237$ |
| Antelope Bridge, 0.7 mi . W. of, 9.2 mi . SW. of Myton Bridge ov Duchesne River, $50 \mathrm{ft} . \mathrm{S}$. and 55 ft . W. from point where U. Highway 40 crosses rd. from Antelope Draw; top of iron post in concrete and marked "State road right-of-way". | $30$ |
| From Antelope Draw shearing shed southeast along winding roads to St Highway 53 (Price-Myton road), thence south along highway into Har quadrangle (by G. W. Moore in 1934) |  |
| Antelope Draw shearing shed, 0.6 mi . SE. of, 19 ft . S. of rd., on buri boulder; chiseled square_ | 5, 580. 09 |
| Antelope Draw shearing shed, 1.7 mi . SE. of, 20 ft . S. of rd., in concr post; standard tablet stamped "M 721934 5670" | $5,670.907$ |
| Reference mark, 107 ft . E. of tablet, 15 ft . S. of rd., on buried bould chiseled square | 5,670.31 |
| Antelope Draw shearing shed, 2.7 mi . SE. of, 0.3 mi . W. of junction rd. E. to Myton, 150 ft . E. of small drain, 18 ft . S. of rd., on bur boulder; chiseled square $\qquad$ | $5,691.94$ |
| ntelope Draw shearing shed, 3.6 mi . SE. of, 22 ft . E. of junction of r SW., in concrete post; standard tablet stamped "M 731934.5732 ' | $5,732.973$ |
| Reference mark, 90 ft . S. of tablet, 22 ft . E. of rd., on buried bould chiseled square |  |
| Antelope Draw shearing shed, 4.7 mi . SE. of, 12 ft . W. of rd., on bur boulder; chiseled square | 5, 803. 28 |
| Antelope Draw shearing shed, 5.4 mi . SE. of, at top of slope to 11 ft . SW. of rd., on buried boulder; chiseled square | $5,868.37$ |
| Antelope Draw shearing shed, 6.0 mi . SE. of, 1.6 mi . NW. of Sta Highway 53 in Wells Draw, 30 ft . W. of crossroads, in concrete pos standard tablet stamped "M 741934 5924" | $5,924.190$ |
| Reference mark, 100 ft . SE. of tablet, in S. angle of crossroads, buried boulder; chiseled square $\qquad$ | $5,925.58$ |
| Antelope Draw shearing shed, 7.0 mi . SE. of, 95 ft . N. of drain, 12 W. of rd., on buried boulder; chiseled square | $6,060.77$ |
| Antelope Draw shearing shed, 7.8 mi . SE. of, in rock saddle, 130 ft of rd. fork, 18 ft . SE. of rd., in rock outcrop; standard tablet stamp <br> "M 751934 6174" $\qquad$ | 6, 174. 199 |
| eference mark, 80 ft . SW. of tablet, on rock ou | 176. 62 |
| Antelope Draw shearing shed, 8.8 mi . SE. of, on E. side of shall draw, 55 ft . E. of rd., on rock outcrop; chiseled square |  |

Antelope Draw shearing shed, 9.8 mi . SE. of, 80 ft . E. of rd., 115 ft . ..... Feet
SE. of drain crossing, on rock outcrop; chiseled square ..... 6, 387. 65
Antelope Draw shearing shed, 10.3 mi . SE. of, 670 ft . SW. of junction of dim rd. W., in saddle, 42 ft . SW . of rd., in rock outcrop; standard tablet stamped "M 761934 6490" ..... $6,490.405$
Reference mark, 98 ft . S. of tablet, 11 ft . SW . of rd., on rock outcrop; chiseled square ..... $6,493.94$
Antelope Draw shearing shed, 11.3 mi . SE. of, 120 ft . N. of rd., in drain, on large boulder; chiseled square ..... 6, 285. 98
Antelope Draw shearing shed, 12.3 mi . SE. of, 45 ft . E. of rd., in drain on hillside, in rock outcrop; standard tablet stamped "M 771934 6152" ..... $6,153.054$
Reference mark, 27 ft . SW. of tablet, 30 ft . E. of rd., in base on W. side of scrub cedar tree; copper nail and washer. ..... 6, 149. 62Antelope Draw shearing shed, 13.2 mi . SE. of, 1.0 mi . SW. of WellsDraw and State Highway $53,240 \mathrm{ft}$. NE. of crossroads and $175 \mathrm{ft} . \mathrm{S}$.of rd. fork in drain, 140 ft . W. of rd. fork in Gilsonite Draw, on N.side of hill, on S . side of rd., on rock outcrop; chiseled square......$6,040.65$
Antelope Draw shearing shed, 14.2 mi . SE. of, 3.9 mi . N. of Smith'sWell, 30 ft . W. of junction of State Highway 53 and second-classrd. SW., on large boulder; standard tablet stamped "M 7819345960"5, 960.333
Reference mark, 46 ft . SW. of tablet, at foot of bluff, on boulder; chiseled square ..... 5, 961. 90
Smith's. Well, 3.0 mi . N. of, at SW . side of rd., on rock outcrop; chiseled square ..... 6, 025. 98
Smith's Well, 2.8 mi . N. of, 140 ft . SE. of rd.; top of General Land Office iron post stamped "T. 9 S., R. 16 E., secs. 19, 20, 29, and 30 1910" ..... $6,045.33$
Reference mark, 137 ft . W. of post, on E. side of rd., on boulder; chis- eled square ..... 6, 047. 88
Castle Peak Well, 9.3 mi . SW. of, 15 ft . SE. of rd., at point of hill, on rock outcrop; chiseled square ..... $6,163.13$
Castle Peak Well, 8.2 mi . SW. of, 53 ft . N. of rd.; on hill on N. side of drain, in flat rock outcrop; standard tablet stamped "M 811934 5994" ..... 5, 995. 023
Reference mark, 78 ft . E. of tablet, on rock outcrop; chiseled square_ ..... $5,989.35$
Castle Peak Well, 7.2 mi . SW. of, 180 ft . E. of drain crossing, 11 ft . NW. of rd., on rock outcrop; chiseled square ..... $5,839.63$
Castle Peak Well, 6.2 mi . SW. of, 40 ft . SE. of rd., 130 ft . E. of drain, on point of hill, in rock outcrop; standard tablet stamped "M 821934 5717" ..... 5, 717. 231
Reference mark, 90 ft . NE. of tablet, 40 ft . SE. of rd., on rock outcrop; chiseled square ..... 5, 716. 00
Castle Peak Well, 5.2 mi . SW. of, 22 ft . N. of rd., at foot of sandstone rim, on boulder; chiseled square ..... $5,610.47$
Castle Peak Well, 4.2 mi . SW. of, 70 ft . S. of rd., in rock outcrop; standard tablet stamped "M $831934 \quad 5515$ " ..... $5,515.114$
Reference mark, 108 ft . E. of tablet, 40 ft . S. of rd., on rock outcrop; chiseled square ..... $5,512.42$
Castle Peak Well, 3.2 mi . SW. of, 13 ft . SE. of rd., on buried boulder; chiseled square ..... $5,425.48$
Castle Peak Well, 2.2 mi . SW. of, 12 ft . SE. of rd., on buried boulder;chiseled square$5,327.57$
Castle Peak Well, 1.9 mi . SW. of, 100 ft . SW. of junction of rd. S., ..... Feet
in concrete post; standard tablet stamped "M 841934 5299" ..... 5, 299.656
Reference mark, 93 ft . NE. of tablet, 21 ft . SE. of rd. fork, on buried boulder; chiseled square ..... 5, 298. 38
Castle Peak Well, 1.0 mi . SE. of, 20 ft . E. of junction of Desert Spring- Green River Ferry rds., on buried boulder; chiseled square ..... $5,188.33$
Castle Peak Well, 160 ft . W. of, 23 ft . S. of rd., in draw, in rock out- crop; standard tablet stamped "M 851934 5146" ..... 5, 146. 959
Reference mark, 217 ft . NW. of tablet, 26 ft . N. of rd., on rock out- crop; chiseled square ..... $5,150.90$
Castle Peak Well, 1.0 mi . NW. of, 24 ft . E. of rd., on rock outcrop; chiseled square ..... 5, 186. 93
Castle Peak Well, 1.8 mi . NW. of, 0.2 mi . NE. of Pariette Mine, 180ft . NE. of rd. fork, 50 ft . NW. of rd., in rock outcrop; standardtablet stamped "M $861934 \quad 5229$ "5, 229. 424
Reference mark, 110 ft . NE. of tablet, 35 ft . SW. of rd., on rock out- crop; chiseled square ..... $5,227.90$
Pariette Mine, 0.8 mi . NE. of, 90 ft . S. of rd. fork, 12 ft . E. of rd., on summit of hill, on rock outcrop; chiseled square ..... $5,300.05$
Pariette Mine, 1.8 mi . N. of, 70 ft . S. of rd. fork, 15 ft . SW. of rd., on buried boulder; chiseled square ..... $5,319.33$
Pariette Mine, 2.3 mi . N. of, 7.4 mi . S. of Myton Bridge, on hill at curve, 20 ft . NW. of rd., in concrete post; standard tablet stamped "M 871934 5325" ..... 5, 325. 722
Reference mark, 102 ft . NE. of tablet, 17 ft . SE. of rd., on buried boulder; chiseled square ..... $5,321.75$
Myton Bridge, 5.6 mi . S. of, 45 ft . N. and 29 ft . W. from junction of T-lane W., in concrete post; standard tablet stamped "M 881934 5196" ..... 5, 196. 386
Reference mark, 95 ft . N. of tablet, on buried boulder; chiseled square ..... $5,194.88$
Myton Bridge, 4.6 mi . S. of, 200 ft . NW. of junction of rd. E., 20 ft . N. of rd., on boulder; chiseled square ..... $5,157.15$Myton Bridge, 3.8 mi . S. of, 440 ft . N. of rd. fork at S. edge of bench,90 ft . S. and 33 ft . E. from fork near ditch, 7 ft . S. of corner of fence,in concrete post; standard tablet stamped "M 891934 5294"....Myton Bridge, 2.6 mi . S. of, 95 ft . S. and 30 ft . W. from junction ofT-rd. E., in root on E. side of 24 -in. cottonwood tree; copper nailand washer$5,090.37$
Myton Bridge, 1.6 mi . SE. of, 80 ft . S. and 33 ft . E. from junction of T-rd. S., in concrete post; standard tablet stamped "M 901934 5067" ..... 5, 067. 253
From Duchesne north 7.5 miles along State Highway 35; thence along roads by way of Talmage to point 5.7 miles north of Mountain Home, thence southeast and east by way of Altonah to road junction 3.1 miles north of Bluebell (by G. W. Moore in 1934)
Duchesne, 0.3 mi . N. of post office, 870 ft . SW. of S 314 cor. sec. $36, \mathrm{~T} .3$ S., R. 5 W., at highway bridge over Duchesne River, on top of E. wing wall of $N$. concrete abutment; chiseled square
$5,520.75$
Duchesne, 1.5 mi . N. of, on Blue Bench, 200 ft . S. and 30 ft . W. from junction of rd. S., in brace pole of power line; iron spike.
Duchesne, 2.6 mi . N. of, 30 ft . E. of highway, on summit of hill, in concrete post; standard tablet stamped "M 31. 1934 5806" ..... $5,807.120$
Reference mark, 127 ft . NW. of tablet, 28 ft . W. of highway, in brace pole of power line; iron spike ..... $5,808.28$
Duchesne, 3.1 mi . N. of, 8 ft . N. and 30 ft . E. from junction of dim ..... Feet
T-rd. E., in N. gatepost; iron spike ..... $5,831.09$
Duchesne, 4.1 mi . N. of, 20 ft . S. and 28 ft . W. from junction of T-rd. E. to Knights ranch, in brace pole of power line; iron spike ..... $5,858.74$
Duchesne, 4.6 mi . N. of, 32 ft . S. and 30 ft . W. from junction of second- class rd., in concrete post; standard tablet stamped "M 321934 5886" ..... $5,886.587$
Duchesne, 6.1 mi . N. of, 9 ft . S. and 17 ft . E. from junction of T-rd.E., 2.1 mi . W. of standard iron post with bronze cap stamped " 5589S LAK"; top of iron post with General Land Office cap stamped"T. 3 S., R. 4 W., secs. 6 and 7, R. 5 W., secs. 1 and 12 1914" --..Duchesne, 6.6 mi . N. of, 77 ft . S. and 30 ft . E. from crossroads, in con-crete post; staudard tablet stamped "M 331934 5996"5, 996.807
Duchesne, 7.6 mi . N. of, 30 ft . W. of junction of rd. SW., at curve NE. in improved rd., on boulder; chiseled square ..... 6, 065. 33
Duchesne, 8.5 mi . N. of, 260 ft . NE. of junction of woods rd. NW.,33 ft . E. of rd., in concrete post; standard tablet stamped "M 341934 6123"'6, 124. 043
Reference mark, 93 ft . N. of tablet, 30 ft . E. of rd., on boulder; chiseled square ..... 6, 125. 38
Duchesne, 9.6 mi . N. of, 15 ft . E. of rd., on hill at curve NW., on rock outcrop; chiseled square ..... 6, 287. 13
Duchesne, 10.3 mi . N. of, near summit of hill, 55 ft . W. of junction of old rd. NW. to Talmage, in rock outcrop; standard tablet stamped "M 351934 6503" 6, 503. 817
Reference mark, 67 ft . NE. of tablet, 40 ft . N. of rd. fork, on rock outcrop; chiseled square ..... 6, 505. 07
Duchesne, 11.0 mi . N. of, 185 ft . N. of wooden bridge, 140 ft . N. of junction of rd. NE. to Boneta, 22 ft . W. of Mountain Home rd., on rock outcrop; chiseled square ..... $6,451.28$
Duchesne, 11.7 mi . N. of, 60 ft . SE. of junction of cut-off rd:, in saddle at summit of ridge, on rock outcrop; chiseled square ..... 6,631. 03
Duchesne, 12.7 mi. N. of, 32 ft . S. of rd., in boulder; standard tablet stamped "M 361934 6637" ..... 6, 637. 870
Reference mark, 100 ft . N. of tablet, on buried boulder; chiseled square. 6 ..... 6, 641.03
Talmage Store, 0.5 mi . S. and 1.0 mi . E. from, 13.7 mi . N. of Duchesne,20 ft . S. and 20 ft . W. from crossroads, on buried boulder; chiseledsquare6, 741. 75
Talmage, 0.6 mi . S. of, $12 \mathrm{ft} . \mathrm{W}$. of fence line on dugway, in large boulder; standard tablet stamped " 6867 " ..... 6, 868. 031
Talmage, 35 ft . N. and 35 ft . E. from junction of T-rd. E., at Larson store, in NW. corner of concrete platform; standard tablet stamped "M 371934 6829" ..... 6, 830. 091
Reference mark, 75 ft . SW. of tablet, in corner of fence, in base on E . side of $10-\mathrm{in}$. poplar tree; iron spike ..... 6, 830.96
Talmage, 1.0 mi . N. of, 255 ft . S. and 30 ft . W. from junction of T-rd. E., on rock outcrop; chiseled square ..... 6, 809. 83
Talmage, 1.1 mi . N ., thence 1.0 mi . E. from, 11 ft . N . of rd., 300 ft . W. of junction of second-class T-rd. S., on boulder; chiseled square-.-- ..... 6, 743. 32
Talmage, 1.1 mi . N., thence 1.7 mi . E. from, 100 ft . S. of rd. fork, 16ft . E. of rd., on S. side of canyon, in concrete post; standard tabletstamped "M 381934 6688"6, 689. 216
Reference mark, 115 ft . N. of tablet, 20 ft . W. of rd., on small flat boulder; chiseled square ..... 6, 687. 81
Mountain Home, 3.2 mi . S. of, at foot of hill, at W. side of bridge over Feet Pigeon Water Creek, in plank; copper nail and washer_-........... 6, 554. 64
Mountain Home, 2.7 mi . S. of, in triangle of forks of rd. E. to Boneta, 15 ft . E. of rd., on rock outcrop; chiseled square
6, 696. 41
Mountain Home, 2.1 mi . S. of, at curve at summit of hill, 30 ft . W. of rd., 45 ft . S. of corner of fence, in boulder; standard tablet stamped "M 391934 6825"
6, 825. 378

Reference mark, 176 ft . N. of tablet, 14 ft . E. of rd., 30 ft . N. of canal, in root on E . side of 14 -in. cedar tree; copper nail and washer-...--
Mountain Home, 1.6 mi . S. of, 30 ft . N. and 30 ft . E. from crossroads, in corner fence post; iron spike

6, 820.90

Mountain Home, 0.4 mi . S. of, 30 ft . N. and 60 ft . W. from junction of T-rd. E., 6 ft . E. of corner of fence, on boulder; chiseled square...-
Mountain Home, 0.8 mi . N. of, 50 ft . S. and 35 ft . W. from junction of T-rd. S., on boulder; chiseled square

7, 061.91
Mountain Home, 1.5 mi . NE. of, at Uintah Indian Reservation boundary, 10 ft . E. of rd., 8 ft . S. and 9 ft . W. from corner of fence, on boulder; chiseled square

7, 111. 11
Mountain Home, 2.1 mi . NE. of, at summit of hill, 15 ft . E. of rd., in boulder; standard tablet stamped "M 401934 7243"

7, 244. 006
Reference mark, 86 ft . NW. of tablet, 30 ft . SW. of junction of dim rd., on buried boulder; chiseled square

7, 247. 19
Mountain Home, 3.2 mi . N. of, 20 ft . SW. of junction of dim rd. W., at N. edge of summit of hill, on boulder; chiseled square

7, 375. 52
Mountain Home, 4.1 mi . N. of, 35 ft . E. of rd., on knoll, in boulder; standard tablet stamped "M 411934 7270"
$7,270.718$
Reference mark, 68 ft . NW. of tablet, 25 ft . E. of rd., on N. side of hill, on boulder; chiseled square

7, 266. 34
Mountain Home, 5.2 mi . N. of, 9.0 mi . SE. of Moon Lake, 1.0 mi . W. of Lake Fork Mtn. rd., 50 ft . E. of junction of rd. NE., on boulder; chiseled square

7, 163. 29
Mountain Home, 5.5 mi . N. of, at wooden bridge over Lake Fork, on S. guard plank; copper nail and washer.

7, 134. 18
Little Fork; surface of water April 19, 1934
7, 125. 2
Mountain Home, 5.7 mi . N. of, 2.0 mi . W., thence 5.8 mi . NW. from Altonah, 0.2 mi . E. of Lake Fork, 40 ft . NE. of N. apex of triangle of rd. forks, on hillside, in boulder; standard tablet stamped "M 42 1934 7187"'

7, 187. 539
Reference mark, 90 ft . S. of tablet, on boulder; chiseled square _.....- 7, 180. 81
Altonah, 2.0 mi . W., thence 4.8 mi . NW. from, 40 ft . SW. of rd., on boulder; chiseled square

7, 066. 50
Altonah, 2.0 mi . W., thence 4.0 mi . NW. from, at SE. corner of wooden bridge over Yellowstone Creek, in top of log retaining wall; copper nail and washer

6, 922. 23
Yellowstone Creek; surface of water April 19, 1934_-..............-.- 6, 916.9
Altonah, 2.0 mi . W., thence 3.7 mi . NW. from, 38 ft . NE. of crossroads, in boulder; standard tablet'stamped "M 431934 6923"

6, 924. 341
Reference mark, 68 ft . SE. of tablet, 40 ft . E. of crossroads, on boulder; chiseled square

6, 922.32
Altonah, 2.0 mi . W., thence $2.6 \mathrm{mi} . \mathrm{NW}$. from, 40 ft . E. of rd. fork, 160 ft . SE. of U. S. Lake Fork canal, on boulder; chiseled square ---

6, 857. 40
Altonah, 2.0 mi . W., thence 1.8 mi . N. from, 15 ft . E. of W. edge of top of bench, 25 ft . SW . of rd. at curve, 40 ft . SW. of canal, in boulder; standard tablet stamped "M 441934 6849"

6, 850. 070
Reference mark, 102 ft . SE. of tablet, 25 ft . SW . of rd., on boulder; ..... Feet chiseled square. ..... 6, 846. 12
Altonah, 2.0 mi . W., thence 1.0 mi . N. from, 40 ft . S. and $25 \mathrm{ft} . \mathrm{W}$. from crossroads, on boulder; chiseled square ..... 6, 801. 62
Altonah, 2.0 mi . W. of, $30 \mathrm{ft} . \mathrm{S}$. and 44 ft . W. from crossroads, in concrete post; standard tablet stamped "M 451934 6707"....... ..... 6; 707. 959
Reference mark, 99 ft . E. of tablet, on buried boulder; chiseled square_ 6, 706
Altonah, $29 \mathrm{ft} . \mathrm{S}$. and 64 ft . W. from crossroads, in concrete post;standard tablet stamped "M 461934 6681"$6,681.483$
Altonah, 1.0 mi . E. of, $29 \mathrm{ft} . \mathrm{S}$. and 40 ft . W. from crossroads, on boulder; chiseled square ..... $6,620.26$
Altonah, 2.5 mi . E. of, 40 ft . E. of junction of T-rd. W., in line with T-fence W., on hillside, in concrete post; standard tablet stamped "M 471934 6472" ..... $6,472.748$
Reference mark, $85 \mathrm{ft} . \mathrm{N}$. of tablet, in base of scrub cedar tree; copper nail and washer ..... 6, 473.49
Altonah, 3.4 mi . E. of, 14 ft . SW. of rd., on N. side of hill, on boulder;chiseled square6, 396. 11
Altonah, 4.2 mi . E. of, 125 ft . W. of creek, 30 ft . N. of junction of T-rd. S. to Bluebell, in concrete post; standard tablet stamped "M 481934 6319" ..... 6, 319. 698
From point 3.1 miles north of Bluebell northeast to point near John Starr Flat,thence southeast to Neola (by G. W. Moore in 1934) ${ }^{26}$
Altonah, 5.1 mi . E. of, 30 ft . N. of rd., 75 ft . NE. of rd. fork, in saddle, on boulder; chiseled square ..... 6, 442. 68
Altonah, 6.2 mi . E. of, 40 ft . SE . of rd., at S . boundary of woods, at drain crossing, on boulder; chiseled square ..... $6,450.06$
Altonah, 6.5 mi . E. of, 110 ft . SW. of junction of rd. S., 105 ft . E. of woods crossroad, 20 ft . SE. of rd., in concrete post; standard tablet stamped "M 491934 6497" ..... $6,497.943$
Reference mark, 114 ft . NE. of tablet, 11 ft . NW. of rd., in base on W. side of scrub cedar tree; copper nail and washer ..... 6, 495. 28
Altonah, 7.1 mi . NE. of, 150 ft . N. of junction of Altonah-Neola and Dry Gulch rds., 30 ft . NE. of Dry Gulch rd., in root on S. side of 14 -in. cottonwood tree; copper nail and washer ..... $6,395.13$
Altonah, 8.0 mi . NE. of, 10 ft . W. of rd., on rocky hillside, on boulder; chiseled square ..... $6,487.82$
Altonah, 8.5 mi . NE. of, 15 ft . NW. of rd., at top of small rise over hill, in concrete post; standard tablet stamped "M 5019346546 " $\quad 6,547,208$
Reference mark, 77 ft . SE. of tablet, in root on W . side of 12 -incottonwood tree; copper nail and washer$6,539.65$
Altonah, 9.2 mi . NE. of, 25 ft . SE. of second-class crossroad, on boulder; chiseled square ..... 6, 609. 93
Altonah, 10.3 mi . NE. of, 35 ft . W. of rd., on rocky hillside, in boulder;standard tablet stamped "M 511934 6720"6, 720. 896
Reference mark, 86 ft . N . of tablet, on boulder; chiseled square ..... 6, 719. 41
Altonah, 11.2 mi . NE. of, 190 ft . E. of rd., in root on $W$. side of $10-\mathrm{in}$. cottonwood tree; copper nail and washer ..... $6,820.30$
Altonah, 11.8 mi . NE. of, 10.6 mi . NW. of Neola, $135 \mathrm{ft} . \mathrm{W}$. of fordover Dry Gulch Creek, 140 ft . NW. of junction of dim rd., 30 ft .W. of rd., in concrete post; standard tablet stamped "M 5219346884"6, 884. 116

[^19]
Neola, 9.4 mi . NW. of center of crossroads, 250 ft . N. of spring, 15 ft . E. of rd., at base of E . side of narrow bench, on W. side of creek, in base on S . side of $14-\mathrm{in}$. cottonwood tree; copper nail and washer

6, 726. 11
Neola, 8.3 mi . NW. of, 6 ft . N . of rd., in base on S. side of 8 -in. cedar tree; copper nail and washer

6, 475. 91
Neola, 7.2 mi . NW. of, 90 ft . S. of junction of rd., 16 ft . SW. of Monarch sawmill rd., in concrete post; standard tablet stamped "M53 1934 6325",

6, 325. 057
Reference mark, 92 ft . N. of tablet, 9 ft . E. of rd., on buried boulder; chiseled square

6, 328. 03
Neola, 6.2 mi . NW. of, 50 ft . N. of rd., on side of hill at curve in rd., on boulder; chiseled square

6, 233. 80
Neola, 5.7 mi . NW. of, 25 ft . NW. of rd., on point of hill, in large boulder; standard tablet stamped "M 541934 6255"
$6,255.459$
Reference mark, 95 ft . NE. of tablet, on boulder; chiseled square_-_ 6, 251. 23
Neola, 4.7 mi . NW. of, 300 ft . W. of ford, 15 ft . N. of rd., at base of hill, on boulder; chiseled square

6, 040.05
Neola, 1.0 mi . N. and 2.7 mi . W. from, 15 ft . S. of rd., on point of hill, in concrete post; standard tablet stamped "M 551934 6093". --. 6, 093. 570
Reference mark, 257 ft . E. of tablet, 50 ft . N. of rd., in SE. corner of head gate; copper nail and washer

6, 090.01
Neola, 1.0 mi . N. and 1.7 mi . W. from, 45 ft . S. of rd. at curve, at drain crossing on bench, on boulder; chiseled square

6, 199. 72
Neola, 1.0 mi . N. and 1.5 mi . W. from, at bridge over irrigation ditch, in $\log$ retaining wall; copper nail and washer

6, 222. 96
Neola, 1.0 mi . N. and 1.0 mi . W. from, 33 ft . N. and 58 ft . E. from center of crossroads, in fence line, in concrete post; standard tablet stamped "M 561934 6227"

From Bridgeland north by way of Opalco and Bluebell to road junction 4 miles east of Altonah (by G. W. Moore in 1934)

Upalco, 8.4 mi . S. of, 75 ft . NW. of E. apex and 85 ft . E. of W. apex of triangle of rd. forks, 45 ft . N . of rd., in root on W . side of $8-\mathrm{in}$. cottonwood tree; copper nail and washer

5, 336. 68
Upalco, 7.6 mi . S. of, 0.4 mi . S. of NW. cor. sec. 34 , T. 3 S., R. 3 W., 20 ft . E. of rd., in concrete post; standard tablet stamped "M 921934 5342"

5, 342.657
Upalco, 7.2 mi . S. of, 112 ft . W. of dim crossroads, on summit of ridge; top of iron post with General Land Office cap stamped "T. 3 S., R. 3 W., secs. 27, 28, 33, and 34 1919"

5, 378. 125
Upalco, 6.2 mi . S. of, at SE. corner of wooden bridge over creek, in top of wood pile; copper nail and washer

5, 296.60
Upalco, 5.2 mi . S. of, 68 ft . S. and 29 ft . W. from crossroads, 12 ft . S . of corner of fence, in concrete post; standard tablet stamped "M 931934 5329"

5, 329. 869
Reference mark, 83 ft . NE. of tablet, at NW. corner of wooden irrigation control gate, in top of post; copper nail and washer.

5, 330. 98
Upalco, 4.4 mi . S. of, 33 ft . NW. of crossroads, 17 ft . SW. of center of wooden bridge over ditch, on buried boulder; chiseled square
$5,357.34$
Upalco, 3.0 mi . S. of, 32 ft . N. and 43 ft . W. from crossroads, 13 ft . W.of corner of fence, in concrete post; standard tablet stamped "M 941934 5429"Feet5, 429.649
Reference mark, 165 ft . S. and 19 ft . E. from tablet; top of iron postwith General Land Office cap stamped "N. 337 S. J. 488, H. T. 332,1919, T. 3 S., R. 3 W., secs. 3, 4, 9 , and $10^{\prime \prime}$5, 426. 103
Upalco, 2.1 mi . S. of, on SE. side of wooden bridge over Lake Fork,in plank floor; copper nail and washer5, 479. 08
Lake Fork River; surface of water May 19, 1934 ..... 5, 471.6Upalco, 1.2 mi . S. of, 22 ft . S. of rd., 22 ft . E. of corner of fence, inconcrete post; standard tablet stamped "M 951934.5710 "5, 710. 667
Reference mark, 220 ft . N. and 20 ft . W. from tablet, 20 ft . W. of rd.,6 ft . E. of fence, in root on NE. side of $14-\mathrm{in}$. cottonwood tree; coppernail and washer5, 712. 52
Upalco, at meeting house, 133 ft . W. of rd., on NE. corner of third concrete step; chiseled square ..... 5, 760. 26
Upalco, 0.5 mi . N. of, 30 ft . S. and 50 ft . W. from junction of T-rd. W., in concrete post; standard tablet stamped "M 961934 5774" ..... $5,774.447$Reference mark, 166 ft . N. of tablet, 35 ft . W. of rd., in root on W. sideof twin cottonwood tree; copper nail and washer5, 773.72
Upalco, 1.5 mi . N. of, 38 ft . W. of rd., at summit of hill, on boulder; chiseled square ..... $5,935.90$
Upalco, 2.5 mi . N. of, 20 ft . E. of S. apex of triangle of rd. forks, at summit of hill, in concrete post; standard tablet stamped "M 971934 6034" ..... 6, 035. 032
Reference mark, 61 ft . NW. of tablet, 15 ft . W. of rd., in base of scrubcedar tree; copper nail and washer6, 034.63
Upalco, 3.6 mi . N. of, 2.2 mi . S. of Bluebell, 350 ft . N. of private rd.,12 ft . W. of rd., at summit of hill, on rock outcrop; chiseled square .Bluebell, 1.2 mi . S. of, 4.6 mi . N. of Upalco, 870 ft . S. of crossroads,30 ft . E. of rd., in concrete post; standard tablet stamped "M 981934 6076"6, 076. 549
Crossroads; road surface at center of ..... 6, 086.3Bluebell, 0.7 mi . S. of, on summit of hill, 75 ft . W. of rd., 25 ft . N. and50 ft . W. from corner of fence, in root on N . side of $15-\mathrm{in}$. cottonwoodtree; copper nail and washer6, 169. 36
Bluebell, 1.0 mi . N. of, 90 ft . S. and 20 ft . W. from junction of T-rd. W.,in concrete post; standard tablet stamped "M 991934 6234"-....6, 235. 151
Bluebell, 2.0 mi . N. of, 4.2 mi . E. and 1.0 mi . S. from Altonah, 40 ft . E.of rd., near summit of hill, on rock outcrop; chiseled square.6, 323. 95
From Vernal quadrangle 0.7 mile northwest of Roosevelt northwest along road to Neola, thence east into Vernal quadrangle (by G. W: Moore in 1934)Rooserelt, 1.7 mi . NW. of post office, 485 ft . NW. of junction ofT-rd. W., at large wooden bridge over creek, at S. end of E. guardrail; ring bolt$5,150.92$
Roosevelt, 2.4 mi . NW. of, 7.7 mi . S. of Neola, 35 ft . NE. of rd., in,concrete post; standard tablet stamped "M 231934 5217"5, 217. 069
Neola, 6.6 mi . S. of crossroads, 125 ft . NE. of rd., in root on W. side of$9-\mathrm{in}$. cottonwood tree; copper nail and washer.5, 293.91
Neola, 5.7 mi . S. of, 30 ft . N. and 50 ft . W. from junction of rd. E., inconcrete post; standard tablet stamped "M 241934 5425".......5, 425. 223
Reference mark, 175 ft . NW. of tablet, 30 ft . W. of private rd., inbrace pole of power line; iron spike.5, 427. 41
Neola, 4.0 mi . S. of, 20 ft . W. of rd., 20 ft . N . of corner of fence, in con- ..... Feetcrete post; standard tablet stamped "M 251934 5602"5, 602. 008
Reference mark, 101 ft : N . of tablet, in brace pole of power line; iron spike ..... 5, 604: 28
Neola, 3.0 mi . S. of, 30 ft . S. and 16 ft . W. from cross lane, in brace pole of power line; iron spike ..... $5,687.13$
Neola, 2.0 mi . S. of, $20 \mathrm{ft} . \mathrm{N}$. and 20 ft . W. from junction of T-rd. E., in concrete post; standard tablet stamped "M 2619345774 " ..... $5,773.816$
Reference mark, 96 ft . N. of tablet, in brace pole of power line; iron spike ..... $5,775.84$
Neola, 30 ft. S. and 100 ft . W. from crossroads, in concrete post;standard tablet stamped "M 271934 6017"6, 017. 014
Reference mark, 70 ft . NE. of tablet, on SW . corner of concrete plat- form of Neola Trading Co. store; chiseled square ..... $6,018.37$
DUNSTEEIN QUADRANGLE
[Latitude $40^{\circ} 30^{\prime}-41^{\circ} 00^{\prime}$; longitude $112^{\circ} 30^{\prime}-113^{\circ} 00^{\prime}$ ]
TOOELE COUNTY
From Saltair quadrangle at point in sec. 11, T. 2 S., R. 6 W. west across country about 2 miles to Lincoln Highway, thence southeast and back into Saltair quadrangle (by E. E. Harris in 1922)
Grantsville, 6.5 mi . NW. of post office, near center of sec. $9, \mathrm{~T} .2 \mathrm{~S} ., \mathrm{R}$.6 W., 30 ft . E. of Lincoln Highway, 20 ft . W. of cut-off rd., in con-crete post; standard tablet stamped " 1922 H 52 "${ }^{27} 4,249.336$
Grantsville, 5.8 mi . NW. of, in sec. 9 , T. $2 \mathrm{~S} .$, R. 6 W ., on W. side of highway, in center of top of concrete wall of culvert; chiseled square ..... 4, 273. 71Grantsville, 5.5 mi . NW. of, in sec. 16: T. $2 \mathrm{~S} ., \mathrm{R} .6 \mathrm{~W}$., on E. side ofcurve in highway, in center of top of concrete wall of culvert;chiseled square4, 271. 19
Grantsville, 5.1 mi . NW. of, in sec. 16, T. 2 S., R. 6 W., on W. side of highway, in center of top of concrete wall of culvert; chiseled square_ ..... 4, 273. 87
Grantsville, 4.5 mi . NW. of, in sec. 21, T. 2 S., R. 6 W., on E. side ofcurve in highway, 180 ft . S. of junction of rd. W., in center of top ofconcrete wall of culvert; chiseled square$4,277.82$Grantsville, 4.1 mi . NW. of, in sec. 22, T. 2 S., R. 6 W., on W. side ofhighway, opposite telephone pole 1689, in center of top of concretewall of culvert; chiseled square4, 281. 30Grantsville, 3.6 mi . NW. of, in sec. 22, T. 2 S., R. 6 W., on W. side ofhighway, opposite telephone pole 1668, in center of top of concretewall of culvert; standard tablet stamped " 1922 H 53 "4, 296. 074
Reference mark, 21 ft . N. $80^{\circ} \mathrm{E}$. of tablet, on S. end of concrete culvert; chiseled square ..... 4, 295. 74Grantsville, 3.1 mi. NW. of, in sec. 23, T. 2 S., R. 6 W., on E. side ofhighway, opposite telephone pole 1654, in center of top of concretewall of culvert; chiseled square4, 294. 24
From Saltair quadrangle at point in sec. 35, T. 2 S., R. 6 W., west along road 0.8 mile (by E. E. Harris in 1922; double-run spur line)
Grantsville, 2.7 mi . W. of in sec. 34 , T. $2 \mathrm{~S} ., \mathrm{R} .6 \mathrm{~W} ., 50 \mathrm{ft}$. N. of rd.; standard iron post with bronze cap stamped "1922 H 55"......... $4,650.472$
Reference mark, 190 ft . N. $30^{\circ} \mathrm{E}$. of post, on large boulder; chiseled square.

[^20][^21]
# DU'TCH MOUN'TAIN NO. 2 QUADRANGLE 

[Latitude $40^{\circ} 15^{\prime}-40^{\circ} 30^{\prime}$; longitude $113^{\circ} 45^{\prime}-114^{\circ} 00^{\prime}$ ]
TOOELE COUNTY


#### Abstract

From Gold Hill quadrangle northwest along Deep Creek Railroad to Garrison Monster water tank, thence along second-class roads southwest 1.6 miles and northwest 3.5 miles, thence southwest and back into Gold Hill quadrangle (by S. L. Parker in 1934)


Gold Hill, 6.7 mi . along R. R. NE. of, 1.1 mi . SE. of Garrison Monster
water tank, 310 ft . S. of telegraph pole $38,20 \mathrm{ft}$. W. of track, on imbedded boulder 19 in . in diameter; chiseled square_

Feet
4, 382. 29
Garrison Monster water tank, 4 ft . E. of W. end of N. sill of tank, in top of sill; copper nail and washer
$4,335.10$
Garrison Monster water tank, 1.0 mi . along pipe line SW. of, on rocky spur on N. side of Dutch Mtn., 365 ft . E. of pipe line, 2 ft . E. of cairn, in blue stone outcrop; standard tablet stamped "P 29 1924", 4, 593. 805
Reference mark, 12 ft . S. of tablet, on blue rock ledge; chiseled square_ 4, 593. 68
Garrison Monster water tank, 1.6 mi . SW. of, 0.9 mi . in air line NW. of Garrison Monster Mine, 150 ft . SW. of junction of rd. SE., on stone set in place and extending 10 in . above ground; chiseled square_
Garrison Monster water tank, 2.3 mi . SW. of, $28 \mathrm{ft} . \mathrm{S}$. of old rd., on embedded boulder 2 ft . in diameter; chiseled square
$4,843.89$
Garrison Monster water tank, 3.6 mi . SW. of, 12 ft . S. of rd., on boulder set in place and extending 3 in. above ground; chiseled square.......
Garrison Monster water tank, 4.2 mi . SW. of, 100 ft . W. of wash, near junction of rd. SE., 55 ft . N. of rd., in blue boulder 4 ft . in diameter and 4 ft . high; standard tablet stamped "P 30 1924". 4, 860. 109
Reference mark, 4 ft . N. of tablet, on boulder; chiseled square__....- 4, 859. 84
Garrison Monster water tank, 4.8 mi . SW. of, at point of hill, 195 ft . S. of rd., 9 ft . SW. of cairn, on blue stone ledge; chiseled square....--
Garrison Monster water tank, 5.6 mi . SW. of, 9.0 mi . NW. of Gold Hill, 120 ft . E. of rd., on 12 - by $9-\mathrm{in}$. rectangular rock set in place and extending 6 in. above ground; chiseled square.

4, 948. 26

> From Gold Hill quadrangle northwest along Ferber road 1.5 miles, thence south along road in Deep Creek Valley and back into Gold Hill quadrangle (by S. L. Parker in 1924)

Gold Hill, 10.4 mi . NW. of, 1.3 mi . SE. of junction of Deep Creek rd., 50 ft . N. of rd., on edge of small wash and about 5 ft . higher than bed of wash, on ledge; chiseled square
$4,914.45$
Gold Hill, 11.5 mi . NW. of, 0.2 mi . E. of junction of Deep Creek rd., 49 ft . S. of rd., on N . side of rock-crowned hill, in ledge; standard tablet stamped "P 19 1924"
$4,957.545$
Reference mark, 25 ft . N. of tablet, 24 ft . S. of rd., on rock set in place and extending 4 in. above ground; chiseled square.

4, 951. 27

## DUTCH MOUNTAIN NO. 4 QUADRANGLE

[Latitude $40^{\circ} 00^{\prime}-40^{\circ} 15^{\prime}$; longitude $113^{\circ} 30^{\prime}-113^{\circ} 45^{\prime}$ ]
TOOELE COUNTY
From Callao quadrangle near Redding Spring north along road to point south of old Lincoln Highway, thence northwest into Gold Hill quadrangle (by S. L. Parker in 1924)

Callao, 6.6 mi . N. of, 40 ft . NW. of center of crossroads; top of iron pipe
1 in . in diameter and extending 6 in. above ground. ................ 4, 323. 31
Callao, 7.6 mi . N. of, about 0.5 mi . E. of lone black granite peak, 45 ft . W. of rd., in 9 - by $9-\mathrm{in}$. gray granite rock set in place and extending 8 in. above ground; standard tablet stamped "P 31924 ".

4, 336. 208


## ELK RIDGE QUADRANGLE

[Latitude $37^{\circ} 30^{\prime}-38^{\circ} 00^{\prime}$; longitude $109^{\circ} 30^{\prime}-110^{\circ} 00^{\prime}$ ]

## SAN JUAN COUNTY

From Verdure quadrangle at sec. 21, T. 32 S., R. 22 E., northwest along Dugout ranch road into Carlisle quadrangle (by C. C. Rich in 1934)
Church Rock, 12.9 mi . W. of, 7.5 mi . SE. of Dugout ranch, 170 ft . E. of gate in fence at base of cliff, 50 ft . S. of face of $70-\mathrm{ft}$. sandstone cliff, 35 ft . S. of rd., in root on NE. side of $60-\mathrm{in}$. lone cottonwood tree; copper nail and washer.
$6,164.04$
Dugout ranch, 6.5 mi . SE. of, 25 ft . W. of vertical sandstone ledge, 25 ft . E. of Indian Creek, 10 ft . F. of rd., in sandstone outcrop; standard tablet stamped " 6074 CR 7 1934"

6, 072. 62
Reference mark, 210 ft . S . of tablet, on N . side of small clump of oak trees, in root on E. side of 5 -in. blazed oak tree; copper nail and washer

6, 065. 00
From Carlisle quadrangle at sec. 10, T. 32 S., R. 21 E., along road and U. S. Forest Service trail southwest to Gooseberry ranger station, thence along J. S. Forest Service trail east by way of Mount Linnaeus into Verdure quadrangle near Camp Jackson (by C. C. Rich in 1034)

Dugout ranch, 6.0 mi . SW . of, on SE. side of Cottonwood Canyon, 180 ft . SE. of SE. side of large wash, 60 ft . SE. of salt rd., in large sandstone boulder; standard tablet stamped "5680 CR 13 1934" - 5, 678. 275
Reference mark, 60 ft . SW. of tablet, on SE. corner of sandstone ..... Feet
boulder; chiseled square ..... 5, 678. 70
Dugout ranch, 7.0 mi . SW. of, on NW. side of Cottonwood Canyon,at toe of slope of small ridge, 125 ft . N. of NW. corner of fence, onN. corner of sandstone boulder; chiseled square5, 750. 54
Dugout ranch, 8.1 mi . SW. of, on W. side of Cottonwood Canyon, 650 ft . WSW. of $\mathrm{N} / \frac{1}{4}$ cor. sec. 28, T. 32 S., R. 21 E., in NE. corner of large sandstone boulder; standard tablet stamped " 5845 CR 14 1934" ..... 5, 843. 932
Reference mark, 158 ft . NNE. of tablet, on corner of sandstone boulder; chiseled square ..... $5,837.84$
Dugout ranch, 9.0 mi . SW. of, on toe of SE. slope of prominent knoll in center of Cottonwood Canyon, on sandstone outcrop; chiseled square ..... 5, 913. 33
Dugout ranch, 10.1 mi . SW. of, on N. side of fork of Cottonwood and Stevens Canyons, 170 ft WSW. of U. S. Forest Service milepost, in conglomerate boulder; standard tablet stamped " 5988 CR 15 1934" ..... 5, 986. 390
Reference mark, 52 ft . N. of tablet, on sandstone boulder; chiseled square ..... 5, 986.03
Dugout ranch, 11.0 mi . SW. of, 1.0 mi . W. of mouth of Stevens Canyon, at toe of small spur on $N$. side of canyon, on sandstone boulder; chiseled square ..... 6, 049. 59
Dugout ranch, 12.1 mi . SW. of, 12.4 mi . NE. of Gooseberry ranger sta.,2.1 mi . W. of mouth of Stevens Canyon, on N. side of canyon, insandstone boulder; standard tablet stamped " 6117 CR 161934 ".6, 115. 267
Reference mark, 45 ft . E. of tablet, on top of S . end of sandstone boulder; chiseled square ..... $6,113.84$Gooseberry ranger sta., 11.4 mi . NE. of, 0.9 mi . NE. of gate in U. S.Forest Service fence in Stevens Canyon, 10 ft . S. of S. bank ofStevens Creek, on S. side of trail, in root on S. side of $12-\mathrm{in}$. double-trunk blazed piñon tree; copper nail and washer6, 191. 64
Gooseberry ranger sta., 10.4 mi . NE. of, 650 ft . SW. of gate in fence in Stevens Canyon, 200 ft . E. of small fork in canyon, 60 ft . NW. of trail, in large sandstone boulder with two $10-\mathrm{in}$. piñon trees growing out of S. side; standard tablet stamped " 6302 CR 17 1934". ..... 6, 300. 935
Reference mark, 103 ft . ENE. of tablet, in root on S. side of $14-\mathrm{in}$. cedar tree; copper nail and washer ..... 6, 293.05
Gooseberry ranger sta., 9.4 mi . NE. of, on NW. side of Stevens Canyon, 100 ft . N. of N. bank of Stevens Creek, in root on N. side of $12-\mathrm{in}$. piñon tree; copper nail and washer ..... 6, 411. 51
Gooseberry ranger sta., 8.3 mi . NE. of, $1,275 \mathrm{ft}$. SW. of U. S. ForestService milepost at fork in trail, 40 ft . W. of W. bank of StevensCreek, on E. toe of spur extending from W. side of canyon, in sand-stone boulder; standard tablet stamped " 6550 CR 18 1934"......6, 548. 399
Reference mark, 52 ft . NNE. of tablet, in root on E. side of 4 -in. scrub oak tree; copper nail and washer. ..... 6, 542. 94Gooseberry ranger sta., 7.4 mi . NE. of, on N. edge of rim of large mesa,on W. side of trail, in root on NE. side of $20-\mathrm{in}$. blazed piñon tree;copper nail and washer6, 944: 67
Gooseberry ranger sta., 6.4 mi . NE. of, 25 ft . E. of trail, on SE. edge of small wash, in sandstone boulder; standard tablet stamped "7086 CR 19 1934" ..... 7, 085.1.177
Reference mark, 67 ft . NW. of tablet, in root on E. side of 6 -in. cedar ..... Feet
tree; copper nail and washer ..... 7, 092. 34Gooseberry ranger sta:, 5.4 mi . NE. of, on S. side of large clump oftrees, on S. side of trail, in root on N. side of 40 -in. cedar tree; coppernail and washer7, 271. 51
Gooseberry ranger sta., 4.3 mi . NE. of, 150 ft . SE. of trail, 100 ft . NW.of large drainage, in center of sandstone outcrop; standard tabletstamped " 7454 CR 20 1934"7, 452. 462
Reference mark, 154 ft . E. of tablet, in root on W. side of $36-\mathrm{in}$. pine tree; copper nail and washer ..... 7, 443. 30
Gooseberry ranger sta., 3.4 mi . NE. of, on E. edge of prominent knoll,in root on N . side of 36 -in. lone yellow pine tree; copper nail andwasher7, 717. 03
Gooseberry ranger sta., 2.0 mi . NE. of, 0.5 mi . W. of Round Mtn., athead of long, narrow draw, in root on N. side of lone $36-\mathrm{in}$. blazedyellow pine tree; copper nail and washer7, 995. 49
Gooseberry ranger sta., 1.0 mi . NE. of, 0.4 mi . SW. of gate in wirefence, 10 ft . W. of trail, in center of small clearing, in sandstone out-crop; standard tablet stamped " 8476 CR 21 1934"8, 474. 795
Reference mark, 84 ft . NE. of tablet, in root on N. side of $18-\mathrm{in}$. yellow pine tree; copper nail and washer ..... 8, 468. 07
Gooseberry ranger sta., 53 ft . W. of, 66 ft . NE. of SW. corner of pasturefence, 65 ft . W. of NW. corner of cabin, in sandstone outcrop; stand-ard tablet stamped " 8560 CR 22 1934"8, 558. 275
Reference mark, 66 ft . SSW. of tablet, in SW. corner of pasture, in root on NE. side of $36-\mathrm{in}$. yellow pine tree; copper nail and washer_ ..... $8,563.84$
Gooseberry ranger sta., 1.0 mi . E. of, 60 ft . S. of trail, 5 ft . W. of north-westernmost of group of six pine trees, near top of slope into SouthCottonwood Canyon, on sandstone outcrop; chiseled square$8,405.32$
Gooseberry ranger sta., 2.6 mi . E. of, in South Cottonwood Canyon,420 ft . NE. of point where trail crosses Cottonwood Creek, in centerof small clearing, in fence of sheep corral, in root on N . side of $40-\mathrm{in}$.yellow pine tree; copper nail and washer7, 367. 71
Gooseberry ranger sta., 3.8 mi . E. of, on top of Chippean Ridge (E.rim of South Cottonwood Canyon), in center of small saddle, 130ft . S. of trail crossing, in sandstone outcrop; standard tabletstamped " 8121 CR 23 1934"8, 120. 021
Reference mark, 47 ft . N. of tablet, on sandstone boulder; chiseled square ..... $8,113.99$Gooseberry ranger sta., 4.7 mi . E. of, on Dry Mesa, 38 ft . S. of trail,25 ft . SE. of lone vellow pine tree on top of small knoll, on N . endof sandstone boulder; chiseled square8, 081. 67Gooseberry ranger sta., 5.8 mi . E. of, on Dry Mesa, 650 ft . SW. of saltgrounds, 120 ft . E. of trail, on top of small knoll, in sandstone out-crop; standard tablet stamped "8053 CR 24 1934"8, 052. 076
Reference mark, 91 ft . ENE. of tablet, in root on N. side of $30-\mathrm{in}$.yellow pine tree; copper nail and washer$8,044.47$
Gooseberry ranger sta., 6.8 mi . E. of, in center of small canyon, 100 ft .NE. of trail, 50 ft . E. of E. bank of fork in wash, in root on W. side of$24-\mathrm{in}$. yellow pine tree; copper nail and washer7, 662. 33Gooseberry ranger sta., 7.9 mi . E. of, on Dry Mesa, on top of prom-inent rock-capped knoll, 150 ft . N . of N . side of third of five rockreefs, $30 \mathrm{ft} . \mathrm{N}$. of trail, in sandstone outcrop; standard tabletstamped " 7692 CR 25 1934"7, 690. 572
Reference mark, 52 ft . SSE. of tablet, 25 ft . S. of trail, in root on NW. Feet
side of 36 -in. yellow pine tree; copper nail and washer ..... 7, 691. 62
Gooseberry ranger sta., 8.9 mi . E. of, on Dry Mesa, on E. side of longnarrow draw, 50 ft . E. of trail, in root on N . side of 48 -in. yellowpine tree; copper nail and washer7, 649. 80Gooseberry ranger sta., 10.2 mi . E. of, 12.3 mi . W. of Camp Jackson,on slope above Dry Mesa, 60 ft . N. of trail, in most prominent pointof sandstone outcrop; standard tablet stamped "7947 CR 26 1934"-7, 946. 103
Reference mark, 55 ft . NE. of tablet, in root on E. side of 6 -in. pine tree; copper nail and washer ..... 7, 951. 28
Camp Jackson, 11.3 mi . W. of, $1,400 \mathrm{ft}$. NW. of narrow divide betweentwo box canyons known as "skull and crossbones," in root on W.side of second tree from N , of five yellow pine trees; copper nailand washer8, 290.62
Camp Jackson, 10.2 mi . W. of, on N. side of saddle in divide betweensmall tributaries of Allen and Cottonwood Canyons, 150 ft . N. ofwhite cedar post marking fork in trail, in S. end of sandstone out-crop; standard tablet stamped " 8101 CR 27 1934"8, 099. 790
Reference mark, 30 ft . SSE. of tablet, in root on SE. side of $30-\mathrm{in}$. yellow pine tree; copper nail and washer ..... 8, 096. 14
Camp Jackson, 9.1 mi . W. of, on W. slope of Mount Linnaens, 25 ft .
SE. of spring feeding water troughs, on sandstone boulder; chiseled square ..... 8, 895.42Camp Jackson, 7.8 mi . W. of, on W. slope of Mount Linnaeus, on E.side of saddle, in $N$. corner of sandstone boulder; standard tabletstamped " 9597 CR 28 1934"9, 595. 882
Reference mark, 31 ft . SSW. of tablet, on small quartzite boulder; chiseled square ..... 9, 589. 11
Camp Jackson, 6.9 mi . W. of, 1.1 mi . W. of point where trail crosses highest saddle, 700 ft . W. of lower of two switch-backs in trail on upper part of W. slope of Mount Linnaens, 20 ft . S. of trail, on sandstone boulder; chiseled square ..... $10,139.37$
Camp Jackson, 5.9 mi . W. of: in saddle 0.2 mi . N. of Mount Linnaeus peak, 20 ft . E. of point where trail crosses saddle, in root on W. side of $12-\mathrm{in}$. spruce tree; copper nail and washer ..... 10, 735. 57
Camp Jackson, 4.7 mi . W. of, 600 ft . W. of water troughs, 20 ft . N. oftrail, in quartzite boulder; standard tablet stamped "10264 CR 291934"10, 262. 934
Reference mark, 68 ft . W. of tablet, on N. end of quartzite boulder; chiseled square ..... 10, 266. 89
Camp Jackson, 3.6 mi . W. of, on summit of narrow ridge, 0.7 mi . W. ofU. S. Forest Service milepost, at head of Indian Creek, 20 ft . N. oftrail, in root on W. side of $14-\mathrm{in}$. spruce tree; copper nail andwasher$10,004.67$
Camp Jackson, 2.9 mi . W. of, on saddle between heads of Indian andJohnson Creeks, 17 ft . N. of U. S. Forest Service milepost, insandstone boulder; standard tablet stamped " 9692 CR 30 1934".-9, 691. 179
Reference mark, 49 ft . E. of tablet, in root on S. side of $18-\mathrm{in}$. balsam. tree; copper nail and washer ..... 9, 687. 96

Gooseberry ranger sta., 4.3 mi . NE., thence 0.5 mi . W. from, 750 ft . W. of point where U. S. Forest Service telephone line crosses trail,

10 ft . NE. of blazed tree, 3 ft . S. of trail, in root on E. side of 48 -in. yellow pine tree; copper nail and washer

Feet
7, 724. 95
Gooseberry ranger sta., 4.3 mi . NE., thence 1.5 mi . W. from, on S. slope of low knoll, 40 ft . S . of trail, in sandstone boulder; standard tablet stamped "7913 CR 36 1934"

7, 911.559
Reference mark, 9 ft . SE. of tablet, on sandstone boulder; chiseled square

7, 911. 11
Gooseberry ranger sta., 4.3 mi . NE., thence 2.5 mi . W. from, 0.2 mi . S. of S. point of Horse Mtn., on S. side of salt ground No. 12, on sandstone boulder; chiseled square

8, 367. 43
Horse Mtn., 1.5 mi . W. of. S. point of, in N. end of Big Flat, 375 ft. W. of trail, in sandstone boulder; standard tablet stamped " 8531 CR 37 1934'"
$8,529.975$
Reference mark, 91 ft . S. of tablet, on sandstone boulder; chiseled square
$8,527.39$
Horse Mtn., 2.3 mi . W. of, 50 ft . N. of fence and 930 ft . W. of gate, in root on S. side of 48-in. yellow pine tree; copper nail and washer_ . 8, 497. 30
Horse Mtn., 3.0 mi . W. of, 300 ft . W. of log corral, in sandstone boulder; standard tablet stamped "857.7 CR 38 1934"............ 8, 576. 015
Reference mark, 49 ft . SE. of tablet, in root on N. side of 30 -in. jackpine tree; copper nail and washer
$8,574.76$
Horse Mtn., 4.0 mi . W. of, 5.6 mi . E. of head of Trail Canyon, 1,000 ft . N. of point where ridge narrows into Long Point, 70 ft . N. of blazed tree, on sandstone boulder; chiseled square

8, 659. 71
Trail Canyon, 4.5 mi . E. of head of, on Long Point, 105 ft . SW. of trail, in sandstone boulder; standard tablet stamped "8632 CR 39 1934" 8, 630. 639
Reference mark, 33 ft . E. of tablet, on sandstone boulder; chiseled square

8, 632. 01
Trail Canyon, 3.5 mi . E. of head of, 20 ft . S. of dim trail on N. side of Long Point, in root on N. side of $30-\mathrm{in}$. yellow pine tree; copper nail and washer
$8,660.19$
Trail Canyon, 2.3 mi . E. of head of, on S. side of Long Point, 15 ft . N.
of trail, in sandstone outcrop; standard tablet stamped " 8649 CR
40 1934"
8, 647. 999
Reference mark, 20 ft . S. of tablet, on sandstone outcrop; chiseled square

8, 649. 37
Trail Canyon, 1.6 mi . E. of head of, on Long Point, 20 ft . E. of trail, in root on W. side of 12 -in. yellow pine tree; copper nail and washer.
$8,614.15$
Trail Canyon, 0.9 mi . E. of head of, 150 ft . SE. of NW. extremity of Long Point, in sandstone boulder; standard tablet stamped " 8615 CR 41 1934"

8, 613. 123
Reference mark, 74 ft . S. of tablet, on sandstone boulder; chiseled square
$8,611.97$
Trail Canyon, 3 ft . NW. of point where trail leaves canyon, in root on SE. side of $36-\mathrm{in}$. blazed yellow pine tree; copper nail and washer. .

7, 829. 12
Trail Canyon, 1.0 mi . SW. of head of, in Trail Canyon, above log crib runway, in purple sandstone ledge; standard tablet stamped "7086 CR 42 1934"
Reference mark, 15 ft . NE. of tablet, on sandstone ledge; chiseled ..... Feet square ..... 7, 087.47
Trail Canyon, 2.1 mi . SW. of head of, in Trail Canyon, 50 ft . S. of trail, 20 ft . NW. of 48 -in. yellow pine tree, on sandstone boulder; chiseled square ..... 6, 831.59
Trail Canyon, 3.2 mi . SW. of head of, in Trail Canyon, 40 ft . NW. of trail, on NW. side of small drainage, in sandstone outcrop; standard tablet stamped " 6685 CR 43 1934" ..... 6. 684. 257
Reference mark, 55 ft . E. of tablet, in root on N. side of 24 -in. piñon tree; copper nail and washer ..... $6,687.68$
Trail Canyon, 4.0 mi . SW. of head of, 7.1 mi . NW. of mouth of Kigalia Canyon, 100 ft . E. of E. point of junction of Trail and Dark Canyon drainages, 35 ft . NE. of trail, on sandstone boulder; chiseled square . ..... 6, 528.62
Kigalia Canyon, 5.9 mi . NW. of mouth of, in Dark Canyon, 25 ft . NE.of trail, on NE. side of drainage, in sandstone outcrop; standardtablet stamped " 6606 CR 44 1934"6, 604. 736
Reference mark, 25 ft . SE. of tablet, in sandstone outcrop; chiseled square ..... 6, 604. 21
Kigalir Canyon, 4.9 mi . NW. of mouth of, 80 ft . N. of N. bank of ẅash, 6 ft . N. of trail, on limestone boulder; chiseled square ..... 6, 687. 81
Kigalia Canyon, 3.4 mi . NW. of mouth of, on E. bank of drainage, 60 ft . E. of trail, in center of limestone ledge; standard tablet stamped " 6759 CR 45 1934" ..... 6. 757. 552
Reference mark, 35 ft . NW. of tablet, on limestone ledge; chiseled square ..... 6, 756. 02
Kigalia Canyon, 2.3 mi . NW. of mouth of, $3,500 \mathrm{ft}$. SE. of intersection of wire fence and wash, $40 \mathrm{ft} . \mathrm{W}$. of trail, in root on N . side of $18-\mathrm{in}$. cottonwood tree; copper nail and washer ..... $6,806.55$
Kigalia Canyon, 1.1 mi . NW. of mouth of, 520 ft . SE. of S. bank of junction of Dark and Reservoir Canyon drainages, 100 ft . N. of old rd., 85 ft . N. of Dark Canyon drainage, in sandstone boulder; standard tablet stamped " 6877 CR 46 1934" ..... 6, 876. 376
Reference mark, 20 ft . E. of tablet, on sandstone boulder; chiseled square ..... 6, 876. 36
Kigalia Canyon, 0.1 mi . NW. of mouth of, in Dark Canyon, 40 ft . S. of old rd., on step at base of large sandstone boulder; chiseled square_ ..... 6, 924.47
Kigalia Canyon, 1.2 mi . SE. of mouth of, in Kigalia Canyon, on hill-side, 740 ft . WSW. of old rd., in sandstone boulder; standard tabletstamped "7073 CR 47 1934"7, 071. 939
Reference mark, 35 ft . NW. of tablet, on sandstone boulder; chiseled square ..... 7, 074.75
Kigalia Canyon, 2.2 mi . SE. of mouth of, 100 ft . W. of old rd., in root on NE. side of $48-\mathrm{in}$. yellow pine tree; copper nail and washer ..... 7, 081.37
Kigalia Canyon, 3.3 mi . SE. of mouth of, 25 ft . NW. of old rd., in sandstone boulder; standard tablet stamped " 7154 CR 48 1934".-- ..... 7, 153. 055
Reference mark, 35 ft . E. of tablet, on NW. side of rd., on sandstone boulder; chiseled square ..... 7, 144. 52
Kigalia Canyon, 4.3 mi . SE. of mouth of, 30 ft . E. of old rd., in root on NW. side of 24 -in. jack-pine tree; copper nail and washer ..... $7,211.39$
Kigalia Canyon, 5.6 mi . SE. of mouth of, 3.0 mi . NW. of junction ofNotch and Dark Canyon rds., on N. bank of small wash, 124 ft . N.of old rd., in step near base of large sandstone boulder; standardtablet stamped " 7328 CR 49 1934"7, 326. 365
Reference mark, 55 ft . W. of tablet, 125 ft . N. of old rd., in root on N . ..... Feet
side of $8-\mathrm{in}$. quaking aspen tree; copper nail and washer ..... 7, 322. 88
Junction of Notch and Dark Canyon rds., 2.0 mi . NW. of, 25 ft . WSW. of junction of Dark Canyon rd. and Kigalia ranger sta. trail, in root on W. side of $40-\mathrm{in}$. yellow pine tree; copper nail and washer ..... 7, 464. 22
Junction of Notch and Dark Canyon rds., 1.0 mi . NW. of, in Kigalia Canyon, 40 ft . W. of rd., in root on N. side of $30-\mathrm{in}$. yellow pine tree; copper nail and washer ..... 7, 873. 71
From Verdure quadrangle west along State Highway 95 (Blanding-Natural Bridges National Monument highway) to Grand Flat, thence southeast along MormonTrail into Bluff quadrangle.(by E. H. Larson in 1934)
Blanding, 2.2 mi . W. of, 225 ft . W. of junction of old and new rds., 40 ft. S. of new rd., on limb near ground on W. side of juniper tree; copper nail and washer ..... 6, 252. 50
Blanding, 3.8 mi . W. of, on N. rim of Big Canyon, 35 ft . N. of rd., insmall sandstone boulder; standard tablet stamped " 6407 EL 21934"6, 406. 041
Reference mark, 75 ft . E. of tablet, 50 ft . N. of rd., on sandstone boulder; chiseled square ..... $6,404.18$
Blanding, 4.9 mi . W. of, on W. rim of Big Canyon, near top of dugway, 25 ft . SE. of rd., on sandstone ledge; chiseled square ..... 6, 392. 68
Blanding, 5.9 mi . W. of, in saddle, 55 ft . S . of rd., in sandstone out- crop; standard tablet stamped " 6528 EL 3 1934". ..... 6, 526. 478
Reference mark, 60 ft . E. of tablet, 75 ft . S. of rd., on. sandstone out- crop; chiseled square ..... 6, 528. 84
Blanding, 7.0 mi . W. of, at W. edge of sagebrush flat, 36 ft . SE. of rd., on sandstone ledge; chiseled square ..... 6, 451. 85
Blanding, 8.1 mi . W. of, 20 ft . SE. of rd., in sandstone outcrop; stand- ard tablet stamped " 6313 EL 4 1934" ..... 6, 312. 152
Reference mark, 65 ft . SW. of tablet, 20 ft . SE. of rd., on sandstone outcrop; chiseled square ..... 6, 308. 07
Blanding, 8.8 mi . W. of, on E. rim of Brushy Basin, near point where rd. descends into basin, 55 ft . SE. of rd., on sandstone ledge; chiseled square ..... $6,192.71$
Blanding, 10.5 mi . W. of, in bottom of Brushy Basin, 0.1 mi . W. of drainage channel, 25 ft . SW . of rd., in sandstone ledge; standard tablet stamped " 5534 EL 5 1934" ..... 5, 532. 444
Reference mark, 155 ft . E. of tablet, 20 ft . S. of rd., on sandstone ledge; chiseled square ..... 5, 530. 43
Blanding, 11.2 mi . W. of, 44 ft . NW. of rd., on sandstone outcrop; chiseled square ..... 5, 705. 02
Blanding, 11.9 mi . W. of, 45 ft . SSW. of rd., in sandstone outcrop; standard tablet stamped "5717 EL 6 1934" ..... 5, 716. 213
Reference mark, 60 ft . E. of tablet, 55 ft . S. of rd., on sandstone outcrop; chiseled square ..... 5, 716. 66
Blanding, 13.0 mi . W. of, near summit of hill, 40 ft . SSW. of rd., on small sandstone boulder; chiseled square ..... 5, 673. 01
Blanding, 14.1 mi . W. of, in Cottonwood Canyon, 150 ft . ENE. of rd., in large sandstone boulder; standard tablet stamped " 5550 EL 7 1934" ..... 5, 548. 542
Reference mark, 70 ft . NNW. of tablet, 150 ft . ENE. of rd., on sand- stone outcrop; chiseled square ..... $5,549.14$
Blanding, 15.0 mi . W. of, on E. bank of Cottonwood Wash, 10 ft . S. of rd., on E. side near base of $34-\mathrm{in}$. cottonwood tree; copper nail and washer $\qquad$5, 533 .Blanding, 16.0 mi . W. of, near rd. fork, 70 ft . ESE. of rd., in concretepost; standard tablet stamped " 5833 EL 8 1934"5, 831. 874
Reference mark, 75 ft . SSW. of tablet, 90 ft . SE. of rd., 3 ft . above ground in crotch of $8-\mathrm{in}$. juniper tree; copper nail and washer ..... 5, 830. 36
Blanding, 17.0 mi . W. of, on highest point of ridge, 50 ft . S. of rd., on sandstone outcrop; chiseled square ..... 6, 009. 43
Blanding, 17.9 mi . W. of, 30 ft . SW. of rd., in large sandstone outcrop; standard tablet stamped "6160 EL 9 1934" ..... 6, 159. 000
Reference mark, 85 ft . NNW. of tablet, 30 ft . WSW. of rd., on sand- stone outcrop; chiseled square ..... 6, 158. 76
Blanding, 18.8 mi . W. of, near rd. fork, 70 ft . N. of rd., 1 ft . above ground, in crotch of juniper tree 6 ft . tall; copper nail and washer.. ..... 6, 187. 14
Blanding, 20.0 mi . W. of, 0.2 mi . E. of La Sal Forest boundary, 35 ft .NNW. of rd., in sandstone ledge; standard tablet stamped " 6528EL 10 1934"6, 526. 907
Reference mark, 45 ft . NE. of tablet, 35 ft . NNW. of rd., on sandstone ledge; chiseled square ..... $6,516.85$
Blanding, 20.7 mi . W. of, near rd. fork, 30 ft . SSE. of rd., on large sand- stone boulder; chiseled square ..... 6, 630. 18
Blanding, 22.1 mi . W. of, 40 ft . SE. of rd., in large sandstone boulder; standard tablet stamped " 7106 EL 11 1934" ..... $7,104.950$
Reference mark, 90 ft . WNW. of tablet, 40 ft . NW. of rd., on sandstone boulder; chiseled square ..... 7, 110. 06
Blanding, 23.4 mi . W. of, at rd. fork near summit of hill, 35 ft . S. of rd., on small sandstone boulder; chiseled square ..... 7, 573. 29
Blanding, 24.5 mi . W. of, 60 ft . N. of rd., in small sandstone outcrop; standard tablet stamped "7829 EL 12 1934" ..... 7, 828. 072
Reference mark, 100 ft . W. of tablet, 90 ft . N. of rd., on sandstone out- crop; chiseled square ..... 7. 826. 10
Blanding, 25.7 mi . W. of, 90 ft . N. of junction of abandoned and new rds., on E. side of $36-\mathrm{in}$. pine tree near base; copper nail and washer- ..... 8, 133. 54
Blanding, 27.1 mi . W. of, 1.3 mi . E. of Kigalia ranger sta., near junctionof Natural Bridges and Dark Canyon rds., 150 ft . S. of rd., in largesandstone boulder; standard tablet stamped "8189 EL 13 1934".-8, 188. 316
Reference mark, 95 ft . W. of tablet, 225 ft . S. of rd., on sandstone boulder; chiseled square ..... 8, 187. 93
Kigalia ranger sta., 0.7 mi . E. of, 70 ft . N. of rd., on sandstone boulder; chiseled square ..... 8, 288. 44
Kigalia ranger sta., 40 ft . SW . of main gate, 110 ft . SW. of rd. to Natural Bridges, in sandstone boulder; standard tablet stamped " 8401 EL 20 1934" ..... 8, 399. 492
Reference mark, 50 ft . SE. of tablet, 2 ft . NW. of NE.-SW. fence ofKigalia ranger sta., on sandstone boulder; chiseled square.........8, 402. 90
Kigalia ranger sta., 1.0 mi . SW. of, near head of Arch Canyon, 15 ft .N. of rd., at foot of $30-\mathrm{in}$. pine tree, on sandstone boulder; chiseledsquare8, 472.72
Kigalia ranger sta., 2.0 mi . SW. of, in grove of quaking aspen trees at W. end of flat, 40 ft . S. of rd., in sandstone outcrop; standard tablet stamped " 8522 EL 21 1934" ..... 8, 520. 948
Reference mark, 75 ft . ESE. of tablet, 120 ft . S. of rd., in root on N. side of $12-\mathrm{in}$. quaking aspen tree; copper nail and washer ..... 8, 520. 93
Kigalia ranger sta., 2.5 mi . SW. of, 75 ft . SW. of junction of Twin
Springs and Natural Bridges rds., in root on W. side of $36-\mathrm{in}$. pinetree; copper nail and washerFicetKigalia. ranger sta., 3.3 mi . SW: of, 200 ft . E. of rd., in root on W. sideof $42-\mathrm{in}$ : pine tree; copper nail and washer$8,483.78$
Kigalia ranger sta., 4.4 mi . SW. of, in pass between Bears Ears Buttes,55 ft . W. of rd., in concrete post; standard tablet stamped " 8508EL 22 1934"8, 507. 503
Reference mark, 35 ft . S. of tablet, 55 ft . W. of rd., in root on N. side of 8 -in. piñon tree; copper nail and washer ..... $8,509.31$
Bears Ears Buttes, 1.0 mi . S. of, at N. end of sagebrush flat, 60 ft . W.of rd., on SE. side near base of $12-\mathrm{in}$. piñon tree; copper nail andwasher$8,114.66$
Bears Ears Buttes, 2.0 mi . SW. of, on Maverick Point, 30 ft . S. of rd., in sandstone boulder; standard tablet stamped "7847 EL 23 1934"- ..... 7, 845. 752
Reference mark, 50 ft . NW. of tablet, 20 ft . N. of rd., on sandstone boulder; chiseled square ..... 7, 845. 97
Bears Ears Buttes, 3.1 mi . SW. of, 0.1 mi . S. of La Sal Forest bound- ary, 35 ft . S. of rd., on N. side near base of $18-\mathrm{in}$. piñon tree; copper nail and washer ..... 7, 662. 43
Bears Ears Buttes, 4.3 mi . SW. of, near long dugway, 40 ft . SW. of rd., in sandstone outcrop; standard tablet stamped " 7530 FL 24 1934" ..... 7, 529.057
Reference mark, 40 ft . NW. of tablet, 40 ft . SW. of rd., on sandstone outcrop; chiseled square ..... $7,528.45$
Bears Ears Buttes, 5.5 mi . SW. of, near foot of long dugway, 20 ft . E. of rd., on sandstone boulder; chiseled square ..... $7,024.89$
Grand Flat, 6.8 mi. SW. of Bears Ears Buttes, 75 ft . NNW. of junction of State Highway 95 and Mormon Trail, in concrete post; standard tablet stamped " 6837 EL 25 1934" ..... 6, 836. 098
Reference mark, 55 ft . SSW. of tablet, 70 ft . W. of rd. and trail junc- tion, on $W$. side near base of. $10-\mathrm{in}$. piñon tree; copper nail and washer ..... $6,834.94$
Grand Flat, 1.2 mi . SE. of, on N. rim of Grand Gulch, 50 ft . E. of Mormon Trail, on sandstone outcrop; chiseled square ..... 6, 791. 62
Grand Flat, 2.1 mi . SE. of, 20 ft . SSW. of trail, in sandstone outcrop; standard tablet stamped " 6763 EL 26 1934" ..... 6, 761. 914
Reference mark, 30 ft . WSW. of tablet, 35 ft . SSW. of trail, on sand- stone ledge; chiseled square ..... 6, 760. 56
Grand Flat, 3.1 mi . SE. of, 100 ft . E. of trail (now a deep wash), on $N W$. side near base of $20-\mathrm{in}$. piñon tree; copper nail and washer..- ..... 6, 724. 77
Grand Flat, 4.1 mi . SE. of, on E. side of small wash, 30 ft . W. of trail,in sandstone outcrop; standard tablet stamped "6566 EL 27 1934", 6, 565. 123
Reference mark, 45 ft . E. of tablet, 15 ft . E. of trail, on W. side nearbase of $12-\mathrm{in}$. piñon tree; copper nail and washer6, 567. 75
Grand Flat, 5.2 mi . SE. of, 105 ft . WNW. of trail, near head of Cane Gulch, on W. side near base of lone 8 -in. juniper tree; copper nail and washer ..... 6, 435. 43
Grand Flat, 6.0 mi . SE. of, 100 ft . WSW. of point where trail emerges from Cane Gulch, 40 ft . W. of trail, in large sandstone outcrop; standard tablet stamped " 6392 EL 28 1934" ..... 6, 390, 910
Reference mark, 50 ft . WSW. of tablet, 85 ft . W. of trail, on sandstone outcrop; chiseled square ..... 6, 390. 20
Grand Flat, 7.0 mi . SE. of, near N. end of Long Flat, 20 ft . W. of Mormon Trail, on E. side near base of $12-\mathrm{in}$. leaning piñon tree; ..... Feet copper nail and washer ..... 6, 525. 21
From State Highway 95 at point 1.3 miles northeast of Kigalia ranger station generally north along trail on Elk Ridge through The Notch to Gooseberry ranger station (by E. H. Larson in 1934)
Kigalia ranger sta., 2.4 mi . NE. of, 100 ft . E. of rd., near pole fence, on sandstone outcrop; chiseled square ..... 8, 312. 94
Kigalia ranger sta., 3.4 mi . NNE. of, in Little Notch, 27 ft . E. of rd., in sandstone boulder; standard tablet stamped " 8281 EL 141934 " ..... 8, 280.158Reference mark, 60 ft . S. of tablet, 30 ft . E. of rd., on sandstoneboulder; chiseled square8, 279. 72
Kigalia ranger sta., 4.5 mi . N. of, 60 ft . E. of rd., on sandstone outcrop; chiseled square ..... 8, 439. 43
Kigalia ranger sta., 6.0 mi . N. of, near E. gate of Babylon pasture, 75 ft . SSE. of rd., in sandstone outcrop; standard tablet stamped "8442 EL 15 1934" 8, 441. 483
Reference mark, 50 ft . NW. of tablet; 35 ft . SSE. of rd., on sandstone outcrop; chiseled square ..... 8, 441. 39
Kigalia ranger sta., 7.1 mi . NE. of, 65 ft . WNW. of rd., on small sand- stone boulder; chiseled square ..... 8, 555. 02
Gooseberry ranger sta., 7.4 mi . S. of, 7.9 mi . N. of Kigalia ranger sta., 40 ft . WNW. of old rd., 15 ft . WNW. of telephone line, in small sandstone boulder; standard tablet stamped "8629 EL 16 1934". ..... 8, 627. 678
Reference mark, 50 ft . WNW. of tablet, 90 ft . WNW. of rd., on small sandstone boulder; chiseled square ..... $8,627.55$
Gooseberry ranger sta., 6.6 mi . S. of, 75 ft . S. of point where trail begins to descend from South Elk Ridge into The Notch, 20 ft . W. of trail, at foot of $30-\mathrm{in}$. pine tree, on sandstone ledge; chiseled square ..... 8, 717. 86
Gooseberry ranger sta., 6.0 mi . S. of, in saddle of The Notch, 20 ft . W. of trail, on sandstone boulder; chiseled square ..... 8, 286. 81
Gooseberry ranger sta., 5.5 mi . S. of, near point where trail begins to descend from North Elk Ridge into The Notch, 75 ft . NE. of trail, in large sandstone boulder; standard tablet stamped " 8645 EL 17 1934" ..... 8, 643. 566
Reference mark, 55 ft . NE. of tablet, 130 ft . NE. of trail, on boulder; chiseled square ..... 8, 648. 82
Gooseberry ranger sta., 4.4 mi . S. of, 75 ft . E. of trail, on small sand- stone boulder; chiseled square ..... 8, 690. 25
Gooseberry ranger sta., 3.3 mi . S. of, 220 ft . E. of main trail, 420 ft .N . of junction of main and second-class trails, 60 ft . W. of second-class trail following telephone line, in small sandstone boulder;standard tablet stamped " 8672 EL 18 1934"8, 760. 868
Reference mark, 130 ft . SW. of tablet, 80 ft . NE. of main trail, on small sandstone boulder; chiseled square ..... 8, 760. 73
Gooseberry ranger sta., 2.4 mi . S. of, 45 ft . NE. of trail, near N. end of large sandstone outcrop; chiseled square ..... 8, 659. 51Gooseberry ranger sta., 1.2 mi . S. of, 45 ft . W. of trail, in small sand-stone boulder; standard tablet stamped "8702 EL 19 1934"..... 8, 701. 076
Reference mark, 100 ft . E. of tablet, 55 ft . E. of trail, on sandstone boulder; chiseled square ..... 8, 705. 15
Gooseberry ranger sta., 0.7 mi . S. of, near fork of trail to Dark Canyon ranger sta., 50 ft . E. of signpost, 30 ft . E. of trail, on small sandstone boulder; chiseled square ..... 8, 690.68
From Grand Flat, on Mormon Trail, southwest and northwest along State Highway 95 into White Canyon quadrangle (by E. H. Larson in 1934; leveled twice)
Grand Flat, 1.1 mi . SW. of, 7.9 mi . SW. of Bears Ears Buttes, 20 ft .W. of rd., on S. side near base of 18 -in. piñon tree; copper nail andwasher6, 748. 12
Grand Flat, 2.1 mi . SW. of, 55 ft . ESE. of rd., in sandstone post; standard tablet stamped " 6690 EL 41 1934" ..... 6, 688. 906
Reference mark, 33 ft . SW. of tablet, 35 ft . ESE. of rd., on ESE. side near base of $8-\mathrm{in}$. leaning piñon tree; copper nail and washer ..... $6,688.52$
Grand Flat, 3.1 mi . SW. of, near N. end of sagebrush flat, 55 ft . ESE.of rd., on SW . side near base of $8-\mathrm{in}$. lone juniper tree; copper nailand washer$6,625.76$
Grand Flat, 4.2 mi . SW. of, 4.8 mi . SE. of Edwin Natural Bridge, 40 ft . S. of rd., 10 ft . NW. of trail, in sandstone post; standard tablet stamped " 6549 EL 42 1934" ..... 6, 548.312
Reference mark, 51 ft . S. of tablet, 90 ft . S. of rd., on E. side near base of 8 -in. piñon tree; copper nail and washer ..... 6, 546. 96
Edwin Natural Bridge, 3.6 mi . SE. of, 12 ft . NE. of rd., on SW. side near base of $10-\mathrm{in}$. piñon tree; copper nail and washer ..... 6, 430. 34
Edwin Natural Bridge, 2.3 mi . E. of, 33 ft . SSW. of rd., in sandstone post; standard tablet stamped "6349 EL 43 1934" ..... 6, 348. 225Reference mark, 47 ft . NNE. of tablet, 14 ft . NNE. of rd., on NW.side near base of $10-\mathrm{in}$. juniper tree; copper nail and washer6, 348. 01
EMERY NO. 1 QUADRANGLE
[Latitude $38^{\circ} 45^{\prime}-39^{\circ} 00^{\prime}$; longitude $111^{\circ} 00^{\prime}-111^{\circ} 15^{\prime}$ ]
EMERY COUNTY
From Castle Dale quadrangle southwest along State Highway 10 into Acord Lakes quadrangle at Emery (by C. H. Williams in 1923; leveled twice)
Emery, 8.0 mi . NE. of school, 8.0 mi . SW. of Ferron, 1.8 mi . SW. of junction of Rochester rd., 40 ft . E. of highway, near telephone line;iron pipe stamped " 6324 " ..... 6, 325. 73
Emery, 6.7 mi . NE. of, 0.5 mi . S. of Lowery ranch house, 40 ft . E. of highway, on summit of blue ridge, in concrete post; standard tablet stamped "10 6393 1923" ..... 6, 395. 123
Emery, 5.7 mi . NE. of, on blue ridge E. of highway; iron pipe stamped " 6383 " ..... 6, 384. 71Emery, 4.0 mi . NE. of, 0.2 mi . S. of Rochester Canal crossing onLang's Hill, 0.2 mi . N. of rd. junction, 40 ft . E. of highway; ironpipe stamped " 6287 "6, 288. 97
Emery, 3.3 mi . NE. of, in NE. abutment of steel bridge over MuddyCreek; standard tablet stamped "11 6193 1923" (recovered byU. S. C. \& G. S. in 1934)6, 195. 123
Emery, 2.0 mi . NE. of, 200 ft . W. of crossing of irrigation ditch, 30 ft .S. of highway, in blue clay ridge; iron pipe stamped " 6232 "6, 233.97
Emery, $1: 0 \mathrm{mi}$. NE. of, between two large washes, 300 ft . N. of one and900 ft . S. of other, 20 ft . S. of highway; iron pipe stamped " 6262 "...$6,264.13$
Emery, 0.8 mi . NE. of, 400 ft . E. of curve, on S. side of highway, near fence and telephone pole; iron pipe stamped " 6246 " ..... 6, 247. 48

# Emery, at E. entrance of public school, in second step; standard tablet Feet stamped "12 6247 1923" (recovered by U. S. C. \& G. S. in 1934) _ - 6, 249. 176 

## FATRFLELD QUADRANGLE

[Latitude $40^{\circ} 15^{\prime}-40^{\circ} 30^{\prime}$; longitude $112^{\circ} 00^{\prime}-112^{\circ} 15^{\prime}$ ]
SALT LAKE, TOOELE, AND OTAH COUNTIES

## From Stockton quadrangle near Ophir along roads northeast 1.7 miles, thence southeast by way of South Fork of Ophir Canyon and Manning Canyon to Fairfield (by Roscoe Reeves in 1915)

Ophir, 1.0 mi . NE. of, opposite Worthington ranch house, 275 ft . W. of stream crossing, on S. side of rd., on small boulder; chiseled circle .-- 6, 633. 17
Ophir, 2.0 mi . by rd. E. of, 0.6 mi . SE. of junction of Ophir Canyon rd., on E. side of rd., on rock; bottom of round hole

7, 011. 61
Ophir, 3.6 mi . SE. of, E. of junction of rd. W. to Chloride Point Mine;
standard iron post with bronze cap stamped " 8063 "...........-. 8 , 063.524
Ophir, 6.1 mi . SE. of, 1.2 mi . NE. of Mercur, 7.7 mi . NW. of Fairfield, on divide, near Tooele-Utah county line, 30 ft . above lowest point in saddle, 175 ft . E. of cabin, 40 ft . N. of power line pole, in limestone ledge; aluminum tablet stamped " 7243 "
$7,242.653$
Herriman, 5.0 mi . SW. of, in Rose Canyon, 100 ft . NE. of mouth of
Water Fork, 20 ft . S. of stream, on boulder; chiseled square_...... 5, 652.77
Herriman, 5.6 mi . SW. of, 2 ft . N. of rd., 2 ft . S. of stream, on small boulder; chiseled square

5, 847. 54
T. $5 \mathrm{~S} .$, R. $2 \mathrm{~W} ., 625 \mathrm{ft}$. WNW. of E $1 / 4$ cor. sec. 5 , in Oak Spring Can-
yon, 150 ft . SW. of small wash, N. of Cedar Grove, in boulder about
4 ft above ground; aluminum tablet stamped " 5607 "....-..-. $5,607.233$
T. 5 S., R. $2 \mathrm{~W} .$, in NE 34 sec . 16 , in NW. angle of junction of West and Oak Spring Canyon rds.; standard iron post with bronze cap stamped " 5305 "

5, 305. 569

Fairfield, 5.3 mi . NE. of, in SE $1 / 4 \mathrm{sec} .2$, T. $6 \mathrm{~S} .$, R. $2 \mathrm{~W} ., 15 \mathrm{ft}$. E. of telephone pole, on N . side of rd.; standard iron post with bronze cap stamped "4887"

4, 887. 518

Fairfield, 2.2 mi . NW. of, on point of long spur 250 ft . NE. of junction
of Mercur, Cedar Fort, and Fairfield rds., on NW. side of rd., in
limestone ledge; aluminum tablet stamped " 5121 "-.-.-.----- $5,120.896$
Fairfield, opposite post office; standard iron post with bronze cap
stamped " 4876 ".-------------------------------------------- $4,876.381$
From Saltair quadrangle at point in sec. 3, T. 4 S., R. 2 W . along road southwest to head of Rose Canyon, thence southeast to sec. 2, T. 6 S., R. 2 W., thence southwest to Fairfield (by Roscoe Reeves in 1015)
Herriman, 2.1 mi . SW. of, on N. side of rd., 530 ft . E. of gate and fence corner, 400 ft . E. of stream crossing, on boulder; bottom of round hole
$5,121.69$
Herriman, 3.0 mi . SW. of, 50 ft . S. of rd., 30 ft . NE. of rock foundation of destroyed building, near group of three Balm of Gilead trees, in small boulder; aluminum tablet stamped " 5271 ".

# FORT DOUGLAS NO. 1 QUADRANGLE <br> [Latitude $40^{\circ} 45^{\prime}-41^{\circ} 00^{\prime}$; longitude $111^{\circ} 30^{\prime}-111^{\circ} 45^{\prime}$ ] <br> MORGAN, SUMMIT, AND SALT LAKE COUNTIES 

> From Fort Douglas No. 4 quadrangle at point in sec. 8, T. 1 S., R. 3 E., generally east along Denver \& Rio Grande Western Railroad 1.5 miles and back into Fort Douglas No. 4 quadrangle (by L. C. Woodbury in 1899)
Altus, at Salt Lake-Summit county line, at summit, at rear of Bee
Hive Inn, 150 ft . S. of center line of rd. (present U.S. Highway 40), N:
of cabin; standard iron post with bronze cap stamped "7041 S LAK" Feet
(recovered by U. S. C. \& G. S. in 1934)
7, 042. 499

From Fort Douglas No. 2 quadrangle northeast and north along road up Emi-
gration Canyon to Pinecrest Inn (by A. K. Andrews in 1925; double-run
spur line)
Fort Douglas Military Reservation, 6.3 mi . NE. of SE. corner of, at NW. corner of stock driveway bridge over Emigration Creek, on stone abutment; chiseled square
$5,635.65$
Fort Douglas Military Reservation, 7.5 mi . NE. of, 30 ft . E. of junction of S. Emigration Canyon and Killyon Canyon rds.; standard iron post with bronze cap stamped " 17 A 1925"
$5,895.447$

Fort Douglas Military Reservation, 9.7 mi . NE. of, at E. entrance to Pinecrest Inn, on N. red sandstone railing, in top coping stone; standard tablet stamped "18 A 1925"
$6,571.425$
Reference mark, 205 ft . E. of tablet, in S. side of concrete platform of
abandoned R. R. sta.; standard tablet not stamped...................637. 850
FORT DOUGLAS NO. 2 QUADRANGLE
[Latitude $40^{\circ} 45^{\prime}-41^{\circ} 00^{\prime}$; longitude $111^{\circ} 45^{\prime}-112^{\circ} 00^{\prime}$ ]
SALT LAKE, MORGAN, AND DAVIS COUNTIES
In Salt Lake City (by L. C: Woodbury in 1899; leveled twice)
Salt Lake City, in front of Union Pacific R. R. sta.; top of rail......- 4, 255. 8
Salt.Lake City, at State and Fifth South Streets, in SW. corner of grounds of City and County Building, meridian mark cemented in stone post; standard tablet stamped "4251 S LAK" (recovered by U. S. C. \& G. S. in 1927)

4, 253. 010
From Union Pacific Railroad station in Salt Lake City south along Denver \&
Rio Grande Western Railroad into Fort Douglas No. 3 quadrangle (second-
order leveling by L. F. Biggs in 1910)
U. S. C. \& G. S. iron post with standard cap designated "T 1 " and stamped " 4259 " ${ }^{28}$

4, 260. 215
Salt Lake City, opposite Denver \& Rio Grande Western R. R. sta.; top of E. rail
$4,227.8$
From Saltair quadrangle at point in sec. 7, T. 1 S., R. 1 W., northeast along Union Paciflc Railroad to point 0.6 miles east of Buena Vista, thence north and west along Saltair Speedway and back into Saltair quadrangle (by E. E. Harris in 1922)
Buena Vista, 1.6 mi . SW. of sta., in NW $1 / 4 \mathrm{sec} .7$, T. 1 S., R. 1 W., 0.4 mi . W. of milepost $778,10 \mathrm{ft}$. S. of track, on NW. corner of concrete foundation of semaphore 77-76; chiseled square4, 232. 58

[^22]Buena Vista, 1.2 mi. SW. of, opposite milepost 778, in center of grade ..... Feet crossing; copper nail and washer ..... 4, 231. 96
U. S. C. \& G. S. copper bolt designated "Z 1" ..... 4, 225. 126
Buena Vista, 870 ft . W. of sta., at rd. crossing, 40 ft . W. of milepost $779,10 \mathrm{ft}$. S. of track, on W. side of rd., in center of top of concrete wall of culvert; standard tablet, stamping not reported ${ }^{29}$ ..... 4, 230. 854
Buena Vista, at sta., in front of telegraph office; top of rail ..... 4, 232. 9
U. S. C. \& G. S. cross on copper bolt designated "Y 1" ..... 4, 229. 355
Buena Vista, 0.7 mi . NE. of, about 1 mi . S. of S. boundary of Salt Lake City airport, on S. side of freight track of Union Pacific R. R., in W. end of guard rail of trestle 779-78; top of iron bolt ..... $4,228.66$
Salt Lake City airport, at S. boundary of, 90 ft . N. of center line of North Temple Street, just E. of turn from E. to N. in Saltair Speed- way, near ground on E. side of stone monument marking city limits; copper bolt leaded vertically ..... 4, 222. 123
Salt Lake City airport, at N. boundary of, 0.3 mi . E. of turn from N. to W. in Saltair Speedway, on E. side of stone monument marking city limits; copper bolt leaded vertically ..... 4, 216. 200
Salt Lake City airport, at NW. corner of, at turn from N. to W. in Saltair Speedway, at junction of rd. NE., in top of hub support to signboard; copper nail and washer ..... 4. 219. 56
Sált Lake City airport, 0.8 mi . W. of NW: corner of, on N. side of rd., in center of top of concrete parapet wall of bridge over North Point Canal; standard tablet stamped "1922 H 35" ..... 4, 225. 726
Reference mark, 21 ft . $.5^{\circ} \mathrm{E}$. of tablet, on top of concrete parapet wall of bridge; chiseled square ..... 4, 225. 85
Salt Lake City airport, 1.2 mi . W. of, in NE. corner of bridge over North Point Surplus Canal; copper nail and washer ..... $4,219.88$
From point 2.5 miles north of Buena Vista north along roads to sec. 29, T. 2 N.,R. 1 W. (by E. E. Harris in 1922; double-run spur line)
T. 1 N., R. 1 W., on E. side of $\mathrm{SE}_{3} \frac{1}{4} \mathrm{sec} .20$, on W. side of rd., at SW.corner of wooden bridge, in end of cross-beam; copper nail andwasher ${ }^{30}$4, 222. 39
T. 1 N., R. 1 W., on E. side of NE1/4.sec. 20, on W. side of rd., on top of concrete wall of culvert; chiseled square ..... 4, 220.68T. 1 N., R. 1 W., near NE. cor. sec. $20,30 \mathrm{ft}$. S. of center of crossroads,on W. side of rd., in center of top of concrete parapet wall of bridgeover canal; standard tablet stamped "1922 H 40",4, 221. 741
Reference mark, $22 \mathrm{ft} . \mathrm{N} .60^{\circ} \mathrm{E}$. of tablet, on N. end of E. parapetwall of bridge; chiseled square4, 221. 59
T. 1 N., R. 1 W., near W 144 cor. sec. 9 , just S. of power line crossing, onE. side of rd., on top of large concrete drain pipe; chiseled square.4, 212. 12
'T. 1 N., R. 1 W., in SE $1 / 4$ sec. 5, at gate in front of dwelling of F. H.Rudy, in center of concrete step; chiseled square4, 216. 95T. 1 N., R. 1 W., in NE $1 / 4 \mathrm{sec} .5,0.5 \mathrm{mi}$. N. of dwelling of F. H. Rudy,50 ft . E. of rd., in angle in fence line, 20 ft . from each fence, in concretepost; standard tablet stamped "1922 H 41 "$4,214.426$T. 2 N., R. 1 W., in NE $34 \mathrm{sec} .32,1.5 \mathrm{mi}$. N. of dwelling of F. H. Rudy,on E. side of rd., in SE. corner of wooden bridge over sewer canal;copper nail and washer4, 213. 02

[^23]T. 2. N., R. 1. W., in SE $14 \mathrm{sec} .29,2.3 \mathrm{mi}$. N. of dwelling of F. H. Rudy, 150 ft . W. of rd., in N. end of clearing; standard iron post with bronze ..... Feet
cap stamped " 1922 H 42" ..... 4, 207. 714
From Ogden quadrangle north of Farmington south along State Highway 49 and U. S. Highway 91 to North Salt Lake (by A. K. Andrews in 1925)Farmington, at SE. corner of Main and State Streets, at NW. corner ofcourthouse grounds, in parking, in concrete post; standard tabletstamped " 38 A 1925"4, 301. 900
Reference mark, $23 \mathrm{ft} . \mathrm{N} .40^{\circ} \mathrm{E}$. of tablet, on concrete curb; chiseled square ..... 4, 301. 14
Farmington, 1.0 mi . S. of, on E. side of highway, on N. end of concrete head wall of culvert; chiseled square ..... 4, 328. 66
Farmington, 1.6 mi . S. of, 3.0 mi . N. of Centerville, on E. side of high- way, on top of concrete head wall of culvert; chiseled square ..... 4, 289. 79
Centerville, at N. limits of, at N. end of car line, in SE. angle of cross- roads, 30 ft . E. of highway, in field, 4 ft . from each fence; standard iron post with bronze cap stamped " 39 A 1925" ..... 4, 287. 390
Reference mark, 23 ft . N. $25^{\circ} \mathrm{W}$. of post, on top of concrete curb; chiseled square ..... 4, 286.60
Centerville, 300 ft . S. of Co-op store, S. of private entrance, on W. side of highway, on concrete head wall of culvert; chiseled square ..... 4, 290. 27
Bountiful, at N. limits of, 35 ft . N. of junction of T-rd.W., 65 ft . W. of center line of highway, 25 ft . E. of concrete reservoir, on concrete head wall of culvert; chiseled square ..... 4, 333. 12
Bountiful, at NW. corner of Main Street and street W. to Woods Cross, 4 ft . NW. of corner of walk; standard iron post with bronze cap stamped" 40 A 1925" ..... 4, 398. 087
Reference mark, 4 ft . S. $45^{\circ} \mathrm{W}$. of post, on concrete walk; chiseled square ..... 4, 397. 83
Bountiful, 0.8 mi . SW. of, 2.6 mi . NE. of North Salt Lake, 135 ft . N. of crossroads, on E.side of highway, on concrete head wall of culvert; chiseledsquare ..... $4,407.68$
North Salt Lake, 1.3 mi . NE. of, on W. side of highway, on N. end of concrete wall of culvert over irrigation canal; chiseled square ..... $4,354.92$
North Salt Lake, 100 ft . N. of sta. of Bamberger Electric R. R., at rd. crossing; top of $W$. rail ..... 4, 305. 0
U.S. C. \& G. S. iron post with standard cap designated "R 1" ..... 4, 260.185
From City and County.Building in Salt Lake City along Fourth South Street and University Avenue to main entrance of Fort Douglas Military Reservation, thence south by way of Fort Douglas wireless station to southwest corner of reservation, thence.easpt to southeast. corner of reservation, thence northwest through reservation to Military Way, thence west along First Avenue and South Temple Street to Union Paciflc Railroad station (by A. K. Andrews in 1025)
Salt Lake City, near SE. corner of State and Fourth South Streets, 260 ft . NW. of NW. corner of City and County Building, 52 ft . S. of sidewalk on Fourth South Street, 59 ft . E. of sidewalk on State Street, in concrete post; standard tablet stamped "Meridian Mark" (U. S. Geological Survey N. meridian mark designated "V 1" by U. S. C. \& G. S.)

[^24]Salt Lake City, at NE. corner of University Avenue and South Temple ..... Feet
Street, in base of steel power pole; top of bolt ..... 4, 606. 153 ..... 4, 606. 153
Salt Lake City, 1 block N. of Administration building of University ofUtah, 35 ft . N. of center line of road at W. entrance to Fort DouglasMilitary Reservation, 22 ft . NE. of N. gatepost, 10 ft . E. of reser-vation line; standard iron post with bronze cap stamped " 4 A 1925".4, 709. 528
Reference mark, 58 ft . S. of post, on curb; chiseled square ..... 4, 706. 93Fort Douglas Military Reservation, about 300 ft . NE. of wireless sta.,100 ft . N. of NE. wireless mast, 35 ft . S. of center line of second-classrd., in NW. post supporting transformer platform; spike4, 712. 29
Fort Douglas Military Reservation, about 375 ft . N. and 300 ft . E. from SE. corner of; standard iron post with bronze cap stamped "7 A 1925"31 ..... 4, 629. 679
Fort Douglas Military Reservation, about 1 mi. S. of flag, on S. bound- ary of reservation, 40 ft . NW. of crossroads, on concrete rim of water main manhole; chiseled square ..... 4, 749. 27
Fort Douglas Military Reservation, near SE. corner of, on N. side of Emigration Canyon rd., 50 ft . W. of junction of T-rd. N., in $6-\mathrm{in}$. cottonwood tree; spike ..... $4,910.82$
Fort Douglas Military Reservation, on NW. corner of pedestal of Pioneer Monument; chiseled square ..... $4,990.57$Fort Douglas Military Reservation, 0.5 mi . E. of cemetery, on benchformed by Lake Bonneville beach (prehistoric); standard iron postwith bronze cap stamped " 8 A 1925"5, 156. 649
Fort Douglas Military Reservation, 95 ft . W. of abandoned street car tracks, 45 ft . N. of center line of Fort Douglas Boulevard, 35 ft . E. of center line of Wasatch Boulevard; standard iron post with bronze cap stamped " 5 A 1925" ..... 4, 829.813
Reference mark, 43 ft . $\mathrm{S} .45^{\circ} \mathrm{E}$. of post, in 7 -in. tree; spike ..... 4, 832. 24
Salt Lake City, in small park in center of Military Way, at Hilldon Avenue; standard iron post with bronze cap stamped " 6 A 1925 " ${ }^{32}$ _ ..... 4, 757. 139
Reference mark, $53 \mathrm{ft} . \mathrm{N} .70^{\circ} \mathrm{W}$. of post, on curb; chiseled square... ..... $4,756.79$
Salt Lake City, 245 ft . W. of intersection of First Avenue and N Street,on S. side of First Avenue, E. of private entrance, on corner of con-crete curb; chiseled square4, 462, 52
Salt Lake City, at First Avenue and D Street, in basin under iron cover, on top of brick; cross ..... 4, 402.86
U. S. C. \& G. S. standard disk designated "U 1 " ..... $4,330.769$From Fort Douglas Military Reservation northwest along Wasatch Boulevardto Eleventh Avenue, thence west to B Street, thence south and east by wayof observation tower to intersection of D Street and First A venue (by A. K.Andrews in 1925)
Salt Lake City, at Perry's Hollow, 26 ft . N. of center line of Wasatch Boulevard, on center of NE. rail of concrete bridge; chiseled square_ ..... $4,838.24$
Salt Lake City, at SE. corner of Eleventh Avenue and B Street, oncorner of concrete curb; chiseled square4, 696. 24Salt Lake City, E. of and across City Creek Canyon from StateCapitol, 70 ft . NW. of intersection of A Street and Sixth Avenue,on E. concrete step of observation tower; chiseled square$4,560.44$

[^25]
# From southeast corner of Fort Douglas Military Reservation northeast along Emigration Canyon road into Fort Douglas No. 1 quadrangle (by A. K. Andrews in 1925; double-run spur line) 

Fort Douglas Military Reservation, near SE. corner of, 27 ft . N. of center line of highway; standard iron post with bronze cap stamped "15 A 1925"

Feet
Reference mark, 67 ft . W. of tablet, in root on N. side of forked boxelder tree; copper nail and washer

4, 904.72
Fort Douglas Military Reservation, 1.1 mi. NE. of SE. corner of, on S. side of highway, 50 ft . N. of creek, on 4 - by 3 - by $2-\mathrm{ft}$. boulder; chiseled square

5, 048.99
Fort Douglas Military Reservation, 3.2 mi . NE. of, between two oneway rds., 225 ft . N. of Emigration Creek, 125 ft . N.W. of greenhouse; standard iron post with bronze cap stamped " 16 A 1925".
Fort Douglas Military Reservation, 5.1 mi . NE. of, 40 ft . E. of junction of second-class rd. N. into Kelvin Grove, 23 ft . N. of center line of highway, 20 ft . S. of Emigration Creek, on SE. corner of concrete platform of small store; chiseled square

5, 433.71
From Union Pacific Railroad station at Buena Vista northeast, north, and east
along railroad and streets to intersection of Second North and Third West
Streets, thence south to City and County Building (by T. W. Ranta in 1934)
Buena Vista, 0.2 mi . NW. of sta., on SW. side of canal, in root on SE. side of $30-\mathrm{in}$. poplar tree, middle tree of group of three; copper nail and washer

4, 229. 80
Buena Vista, 0.4 mi . NE. of, just E. of city limits of Salt Lake City, 40 ft . NE. of intersection of R. R. and private rd., 1 ft . SW. of SW. side of cattle guard, inside NW. rail; spike $4,230.47$
Salt Lake City, 270 ft . W. of intersection of R. R. and West Fifth South Street, on property owned by F. H. Baird, 12 ft . E. of driveway, 10 ft . N. of fence, in root on SE. side of $24-\mathrm{in}$. poplar tree; copper nail and washer

4, 225. 72

Reference mark, 430 ft . SW. of tablet, 5 ft . N. of irrigation ditch, in base on S . side of forked cottonwood tree, northeasternmost of group of cottonwood trees; copper nail and washer

4, 231. 04
Salt Lake City, 50 ft . W. of Redwood rd., 85 ft . N. of tracks of Western Pacific R. R., on SE. concrete base of high tension power line steel tower; chiseled square

4, 220. 10
Salt Lake City, at NE. corner of North Temple Street and Redwood rd., 4 ft . W. of E. end of concrete base of service sta. pumps; top of copper bolt cemented in concrete

4, 220. 151
Salt Lake City, 25 ft . N. of entrance to property of Department of Commerce Airways Division Lighthouse Service, 40 ft . NE. of southernmost of two steel towers, 3 ft . W. of fence, in concrete post; standard tablet stamped " 4214 TR 12 1934"

4, 213. 784
Reference mark 1, 125 ft . NW. of tablet, on SE. side of concrete base of wooden pole; chiseled square
$4,214.40$

- Reference mark 2, 32 ft . SW. of tablet, at NE. base of steel tower; top of northernmost bolt
$4,214.55$

Salt Lake City, in front of 1458 West Fourth North Street, 6 ft . E. of driveway, 3 ft . N. of N. side of sidewalk, on top of elbow on W. end Feet of guard rail; painted circle

4, 220.82
Salt Lake City, near NW. corner of Tenth West and Fourth North Streets, at entrance to Onequa School, on W. end of second step; chiseled square

4, 219. 26
Salt Lake City, at SW. corner of Fourth North and Seventh West Streets, 6 in . W. of concrete gutter cover, on S. curb of gutter; chiseled square

4, 217. 31
Salt Lake City, in SE. angle of intersection of Fourth North Street and nine tracks of Union Pacific R. R., 30 ft . E. of flagman's cabin, 4 ft . S . of angle in board fence, 10 ft . S. of sidewalk, in concrete post; standard tablet stamped " 4228 TR 12 1934"

4, 228. 077
Reference mark, 143 ft . NE. of tablet, in front of Bellvue Cottage 1884, 5 ft . N. of ditch, in root on E. side of 48 -in. Lombardy poplar tree, 2 ft . from trunk; copper nail and washer

4, 226. 13
Salt Lake City, near NW. corner of Second North and Third West Streets, at SE. corner of Morrison \& Merrill Lumber Co. building, on top of concrete block housing for roof drain; chiseled square . .-

4, 250.63
Salt Lake City, 73 ft . W. of intersection of Third West and South Temple Streets, at entrance to Union Pacific R. R. sta., 1 ft . S. of semaphore, in concrete pedestal; top of plug in bronze tablet ${ }^{33}$. 4, 260.919
Reference mark, 192 ft . SW. of tablet, 12 ft . E. of SE. corner of Union Pacific R. R. sta., on E. end of concrete retaining wall; chiseled square

4, 258.87
Salt Lake City, at NW. corner of Third South and Third West Streets, 25 ft . S. and 15 ft . E. from SE. corner of brick building, on SW . angle of curb; chiseled square

4, 237. 07
Salt Lake City, at NW. corner of Third West and Fifth South Streets, 4 ft . N. of curb, 2 ft . E. of E. side of sidewalk, in root on SW. side of $60-\mathrm{in}$. poplar tree; copper nail and washer $4,228.86$
Salt Lake City, at SW. corner of West Temple and Fifth South Streets, 10 ft . W. of W. side of sidewalk, on N. curb; chiseled square
$4,243.09$
Salt Lake City, at State and Fifth South Streets, 88 ft . NE. of S. meridian mark, near SW. corner of City and County Building, in root on E. side of $36-\mathrm{in}$. English elm tree; copper nail and washer--

4, 255. 00
Salt Lake City Engineering Department standard of measurement; top of small ball in encased steel box

4, 259.63
FORT DOUGLAS NO. 3 QUADRANGLE
[Latitude $40^{\circ} 30^{\prime}-40^{\circ} 45^{\prime}$; longitude $111^{\circ} 45^{\prime}-112^{\circ} 00^{\prime}$ ]

## Salt lake and utah coonties

> From Fort Douglas No. 2 quadrangle at Liberty Park in Salt Lake City east, south, and southeast along streets and Park City branch of Denver \& Rio Grande Western Railroad into Fort Douglas No. 4 quadrangle (by L. C. Woodbury in 1899; leveled twice)

Salt Lake City, opposite Liberty Park, at brick residence on SW. corner of Fifth East and Ninth South Streets, on stone step; chiseled cross_ 4, 256. 70
Salt Lake City, at Seventh East and Ninth South Streets, at car tracks; top of middle rail 4, 278.7

[^26]Salt Lake City, at Ninth East and Twenty-first South Streets, at SE.corner of brick building known as Cook's Hall, on projecting brick;chiseled cross

Feet
$4,331.84$
Salt Lake City, 100 ft . NE. of intersection of Eleventh East and Twenty-first South Streets, 2 ft . N. of sidewalk; standard iron post with bronze cap stamped " 4352 S LAK" (recovered by U. S. C. \& G. S. in 1927) 4, 354. 680
Salt Lake City, at Parleys Canyon Reservoir, in E. end of N. wall; top of bolt ..... 4, 738. 57

From Fort Douglas No. 2 quadrangle south along Denver \& Rio Grande Western Railroad into Provo quadrangle (second-order leveling by L. F. Biggs in 1910)
Salt Lake City, 4.7 mi . S. of Union Pacific R. R. sta., 600 ft . N. of milepost 41, at bridge over small creek, in E. end of concrete retaining wall; aluminum tablet stamped "4239 1" ${ }^{34}$

4, 239. 753
Cahoons, opposite sta.; top of E. rail
Murray, 0.8 mi . S. of sta., in SW. corner of property of American Smelting \& Refining Co., 36 ft . SW. of R. R. warning signal, 30 ft . W. of flagman's cabin, in stone pier 1 ft . square; aluminum tablet stamped "4310 2 " (recovered by U. S. C. \& G. S. in 1927) 4, 310. 985
Midvale, $1,000 \mathrm{ft}$. W. of sta., 150 ft . E. of intersection of Main and Center Streets, 5 ft . above ground, in NE. corner of brick building used as boarding house; aluminum tablet stamped "4354 3" 4, 354. 925
Midvale, 3.2 mi . S. of, 10 ft . E. of track, in NE. corner of concrete culvert 727-A; aluminum tablet stamped " 4378.4 "

4, 379. 479
Riverton, about 2 mi . S. of, 5 ft . E. of track, in NE. corner of culvert
$\quad 726-\mathrm{A}$; aluminum tablet stamped " $4426 \quad 5$ " (recovered by U. S. C.
\& G. S. in 1927)
From point about 2 miles south of Riverton north along Denver \& Rio Grande Western Railroad to Riverton station, thence west along Butterfleld Canyon Highway into Saltair quadrangle (by Roscoe Reeves in 1915)
Riverton, at NW. corner of bridge over Jordan River, on concrete abutment; chiseled square

4, 338. 92
Riverton, 890 ft . E. of bank building, on W. side of canal, on S. side of highway, on concrete; chiseled square

4, 423: 12
Riverton, at sta. of Orem Electric R. R., opposite sta. sign; top of E. rail.
$4,443,4$
Riverton, 0.5 mi . W. of sta., 50 ft . W. of SE. cor. sec. $28, \mathrm{~T} .3 \mathrm{~S} ., \mathrm{R}$. 1 W., opposite farmhouse, on N. side of highway; standard iron post with bronze cap stamped " 4471 ".

4, 471. 713
Riverton, $1.4 \mathrm{mi} . \mathrm{W}$. of, 300 ft . W. of NE. cor. sec. 32 , T. $3 \mathrm{~S} ., \mathrm{R}$. 1 W ., in center of top of S . concrete head wall of culvert; nature of mark not reported

4, 565. 07
Riverton, 2.4 mi . W. of, at cor. secs. $29,30,31$, and 32, T. 3 S., R. 1 W., on N. side of highway; top of concrete section corner post
$4,652.36$
Riverton, 2.8 mi . W. of, near N. side $\mathrm{NE} 1 / 4 \mathrm{sec}$. 31 , T. 3 S., R. 1 W., on S . side of highway, in concrete head wall of culvert over Provo Reservoir Canal; aluminum tablet stamped " 4690 "

[^27][^28]T. 1 S., R. 1 W., near SW. cor. sec. 32, in NE. angle of crossroads, in ..... Feet center of top of concrete head wall of culvert; chiseled square ..... $4,339.49$
T. 1 S., R. 1 W., near $\mathrm{S} 1 / 4$ cor. sec. 32, in NE. angle of crossroads, on S. end of top of concrete dam at flood gates of irrigation canal; chiseled square ..... 4, 331. 04
T. 2 S., R. 1 W., near center of sec. 5 , in SE. angle of crossroads, in angle in fence line, 6 ft from each fence; standard iron post with bronze cap stamped " 1922 H 31 " ..... 4, 380. 528
Reference mark, 21 ft . N. $55^{\circ} \mathrm{W}$. of post, in S. end of box culvert; copper nail and washer ..... 4, 380. 12
T. 2 S., R. 1 W., near $W 1 / 4$ cor. sec. 4 , on E. side of N.-S. rd., in line with N. side of rd. W., on NW. corner of concrete flood gates of irrigation canal; chiseled square ..... 4, 352. 38
T. 2 S., R. 1 W., near NW. cor. sec. 9, in SE. angle of crossroads, in center of top of concrete head wall of culvert; chiseled square ..... $4,379.38$
T. 2 S., R. 1 W., near $\mathrm{N} 1 / 4$ cor. sec. 9 , on S . side of rd., at junction of T-lane N., between two lines of power poles, inside gate to barn, in W. end of box culvert; copper nail and washer ..... 4, 346. 50
T. 2 S., R. I W., near NE. cor. sec. $9,0.8 \mathrm{mi}$. W. of Taylorsville, in SW. angle of crossroads, on center of top of concrete head wall of culvert; chiseled square ..... 4, 305. 31
Taylorsville, in SE. angle of junction of T-rd. E. to Murray, in center of top of concrete head wall of large culvert; standard tablet stamped "1922 H 32" ..... 4, 299. 851
Reference mark, 28 ft . N. of tablet, on top of concrete head wall of large culvert; chiseled square ..... 4, 299. 50
Taylorsville, 0.3 mi . E. of, on N. side of rd., at junction of rd. S., in center of top of concrete parapet wall of culvert over canal; chiseled square ..... $4,295.43$
Taylorsville, 0.6 mi . E. of, in SE. angle of junction of T-rd. S., in front of Taylorsville Meeting Hall, on NW. corner of concrete walk; chiseled square ..... 4, 286. 17Taylorsville, 1.3 mi . E. of, 1.0 mi . W. of Denver \& Rio Grande WesternR. R. sta. at Murray, on N. side of rd., at summit of grade, on topof concrete head wall of culvert; chiseled square4, 282. 07
Murray, at W. limits of, at concrete bridge over Jordan River, in center of top of S. parapet wall; chiseled square ..... 4, 256. 72
Murray, 260 ft . N. of sta., 60 ft . N. of concrete rd., 30 ft . E. of track, on top of parapet wall of culvert; chiseled square ${ }^{35}$ ..... 4, 293. 81
Murray, in front of R. R. sta.; top of rail ..... 4, 292. 7
From Taylorsville north along Redwood road to Twenty-first South Street in Salt Lake City, thence east and north to Buena Vista (by E. E. Harris in 1922)
Taylorsville, 0.7 mi . N. of, S. of center of sec. 3, T. 2 S., R. 1 W., on N . end of W . concrete wall of bridge over irrigation canal; chiseled square ..... 4, 291. 33
Taylorsville, 1.5 mi . N. of, 0.3 mi . N. of $\mathrm{S} 1 / 4$ cor. sec. $34, \mathrm{~T} .1 \mathrm{~S} ., \mathrm{R} .1$ W., in line with T-rd. E., on concrete rd., 6 in. from E. side; chiseled square ..... 4, 260.28
Taylorsville, 2.2 mi . N. of, near $\mathrm{N} 1 / 4$ cor. sec. 34, T. 1 S., R. 1 W. , inSW. angle of intersection of Redwood rd. and Thirty-fifth SouthStreet, on top of concrete head wall of culvert; chiseled square ${ }^{36}$.....4, 255.60

[^29]

From Saltair quadrangle at point in sec. 19, T. 2 S., R. 1 W., east along road to
Redwood road, thence north to Taylorsville (by E. E. Harris in 1823)
T. 2.S., R. 1 W., on N. side NW 744 sec. 20 , on $S$. side of rd., in W. end of concrete parapet wall of bridge over irrigation canal; standard tablet stamped "1923 H 46"
4. 550.258

Reference mark, $27 \mathrm{ft} . \mathrm{N} .15^{\circ} \mathrm{E}$. of tablet, on angle in parapet wall of bridge; bottom of square hole

4, 550. 01
T. 2 S., R. 1 W., on S. side $\mathrm{SW} 1 / 4 \mathrm{sec} .16$, on N. side of rd., in center of top of concrete parapet wall of bridge over irrigation canal; bottom of square hole

4, 548.13
T. 2 S., R. 1 W., near SE. cor. sec. 16 , on N. side of rd., in center of top of concrete parapet wall of bridge over irrigation canal; bottom of square hole.
$4,467.52$
Taylorsville, 1.8 mi . S. of, near $\mathrm{S} 1 / 4$ cor. sec. 15 , T. $2 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W}$., on E. side of Redwood rd., in concrete head gate; standard tablet stamped "1923 H 47".

[^30]Reference mark, 50 ft . N. of tablet, on concrete head gate; bottom of ..... Feet square hole ..... $4,374.64$
Taylorsville, 1.2 mi . S. of, near center of sec. 15, T. 2 S., R. 1 W., in NE. angle of junction of T-rd. E., in center of top of concrete para- pet wall of culvert; bottom of square hole ..... 4, 343. 84
Taylorsville, 0.8 mi . S. of, near $\mathrm{S} 1 / 4$ cor. sec. 10 , in NW. angle of junc- tion of T-rd. W., on top of arched concrete culvert; bottom of square hole ..... 4, 329. 37
From point 1.8 miles south of Taylorsville south along Redwood road into Provo quadrangle (by E. E. Harris in 1923)
Taylorsville, 2.8 mi . S. of, 1.0 mi . N. of West Jordan, near S $1 / 4$ cor. sec. 22, T. 2 S., R. 1 W., in NW. angle of crossroads, on top of concrete drain pipe; bottom of square hole ..... 4, 366. 32
West Jordan, near N14 cor. sec. 34, T. 2 S., R. 1 W., in SW. angle of crossroads, on stone 4 in . square at top; bottom of square hole .... ..... 4, 370. 66
West Jordan, 0.5 mi . S. of, near center of sec. 34, T. 2 S., R. 1 W., in NW. angle of junction of T-rd. W., on concrete culvert; bottom of square hote ${ }^{38}$ ..... $4,367.86$
West Jordan, 1.1 mi . S. of, 530 ft . S. of $\mathrm{N} 1 / 4$ cor. sec. 3, T. $3 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W}$., in SW . angle of junction of T-rd. W., in angle in fence line, 3 ft . from each fence, in concrete post; standard tablet stamped "1923 H 48" ..... 4, 386. 924
Reference mark, 30 ft . N. of tablet, on top of concrete culvert; bottom of square hole ${ }^{38}$ ..... 4, 386. 11
West Jordan, 1.5 mi . S. of, near center of sec. 3, T. 3 S., R. 1 W., in SE. angle of crossroads, on top of concrete parapet wall of culvert; bottom of square hole ..... 4, 400. 05
West Jordan, 1.9 mi. S. of, 550 ft . N. of S $1 / 4$ cor. sec. 3, T. 3 S., R. 1 W., on E. side of rd., on N. end of top of concrete parapet wall of bridge over South Jordan Canal; bottom of square hole ..... 4, 417. 76West Jordan, 2.7 mi . S. of, 3.3 mi . N. of Riverton, 0.2 mi . S. of centerof sec. 10, T. 3 S., R. 1 W., on E. side of rd., in line with T-rd. W.,on top of concrete culvert; bottom of square hole4, 458. 72
Riverton, 2.8 mi . N. of, near Redwood sta., in SE. angle of crossroads, on top of stone at base of corner fence post; bottom of square hole.. ..... 4, 476. 75
Riverton, 2.2 mi . N. of, 0.2 mi . S. of center of sec. $15, \mathrm{~T} .3 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W}$.,on W. side of rd., in center of top of concrete parapet wall of culvert;standarà tablet stamped " 1923 H 49"4, 447. 751
Reference mark, 32 ft . E. of tablet, on top of concrete parapet wall of culvert; bottom of square hole ..... 4, 447. 58
Riverton, 1.5 mi . N. of, near center of sec. 22, T. 3 S., R. 1 W., in SW.angle of crossroads, in center of top of concrete parapet wall of cul-vert; bottom of square hole4, 439.77Riverton, 1.1 mi . N. of, N. of $\mathrm{S} 1 / 4$ cor. sec. 22, T. 3 S., R. 1 W., on W. sideof rd., on top of concrete parapet wall of culvert; bottom of squarehole.$4,433.77$
Riverton, 0.6 mi . N. of, about 800 ft . N. of center of sec. 27 , T. 3 S ., R. $1 \mathrm{~W} ., 50 \mathrm{ft}$. N . of junction of T-lane W. through gate, on W. side of rd., on top of concrete wall of culvert; bottom of square hole.$4,438.60$

[^31]Riverton, about 630 ft . E. of sta. of Orem Electric R. R., in SW. angle of crossroads, in center of top of concrete parapet wall of culvert; Feet ..... 4, 434. 804
Reference mark, 59 ft . N. $15^{\circ} \mathrm{W}$. of tablet, in root on E. side of $15-\mathrm{in}$. poplar tree; copper nail and washer ..... 4, 434. 08
Riverton, 1.0 mi . S. of, near N144 cor. sec. 3, T. 4 S., R. 1 W., in SW. angle of crossroads, in center of top of concrete parapet wall of culvert; bottom of square hole ..... 4, 449. 23
Riverton, 1.5 mi . S. of, near center of sec. 3, T. 4 S., R. 1 W., on E. side of rd. in line with N. side of T-rd. W., on top of concrete parapet wall of culvert; bottom of square hole ..... 4, 456. 98
From point on Redwood road 1 mile south of Riverton west along road into Saltair quadrangle (by E. E. Harris in 1923)
T. $3 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W}$. , near $\mathrm{S} 1 / 4$ cor. sec. 33 , in NE. angle of crossroads, in concrete post; standard tablet stamped "1923 H 58" ..... 4, 509. 942
Reference mark, $55 \mathrm{ft} . \mathrm{S} .10^{\circ} \mathrm{W}$. of tablet, on top of concrete head gate; bottom of square hole ..... $4,510.43$
T. 4 S., R. $1 \mathrm{~W} ., 530 \mathrm{ft}$. W. of NE. cor. sec. 5 , on S. side of rd., on top of concrete parapet wall of bridge over Utah Lake Irrigation Canal; bottom of square hole ..... 4, 566.51
T. 4 S., R. 1 W., near $\mathrm{N} 1 / 4$ cor. sec. 5 , in $S W$. angle of crossroads, on stone post; bottom of square hole ..... $4,597.82$
T. 3 S., R. 1 W., on S. side SE $1 / 4 \mathrm{sec}$. 31, on N. side of rd., on top of concrete parapet wall of bridge over Provo Reservoir Canal; bottom of square hole ..... $4,693.53$
From Saltair quadrangle at point near south side of sec. 19, T. 3 S., R. 1 W., north and northwest into Saltair quadrangle at point in sec. 6, T. 3 S., R. 1 W. (by E. E. Harris in 1923)
T. 3 S., R. 1 W., secs. 18 and 19, in center of dim crossroads, on top of quarter corner stone; chiseled square ..... $4,807.96$From Murray south along Denver \& Rio Grande Western Railroad 1.2 miles,thence east to and south along State Street (Evergreen National Highway)to Social Avenue, thence generally east and south by way of Flat Iron Mesainto Provo quadrangle at point in sec. 5, T. 4 S., R. 1 E. (by A. K. Andrew:in 1925)
Murray, near NW. corner of State and Fifty-ninth South Streets, 2 ft . E. of SE. corner of garage, on S. side of concrete platform; chiseled square ${ }^{40}$ ..... 4, 337. 12
Midvale, about 35 ft . W. of intersection of Union Avenue and State Street, on S. end of W. concrete head wall of culvert; chiseled square ${ }^{40}$ ..... 4, 379. 55
Midvale, about 40 ft . SE. of junction of Social Avenue and State Street, in N. end of E. concrete head wall of culvert over irrigation ditch; standard tablet stamped "'9 A 1925"' ..... 4, 396. 129
Reference mark, 63 ft . W. of tablet, on concrete head wall of culvert; chiseled square ..... 4, 395.12
Midvale, 0.8 mi . E. of State Street, at large bridge over East Jordan Canal, on E . end of N. abutment; chiseled square ..... 4, 457. 08

[^32]| Midvale, 1.5 mi . E. of State Street, near $\mathrm{N} 1 / 4$ cor. sec. 32, T. 2 S., R. 1 E., in SW. angle of crossroads, in center of top of S. concrete head wall of culvert; chiseled square | $\begin{gathered} \text { Feet } \\ 4,498.00 \end{gathered}$ |
| :---: | :---: |
| T. 2 S., R. 1 E., NE. of $W \not / 4$ cor. sec. 34 , about 0.3 mi . S. of Little Cottonwood Creek, 60 ft . NW. of crossroads, in angle in pasture fence, 5 ft . from each fence; standard iron post with bronze cap stamped " 10 A 1925" | $49$ |
| T. 3 S., R. 1 E., in NE $1 / 4$ sec. 4, between Little Cottonwood and Dry Cottonwood Creeks, 0.3 mi . S. of SE. end of Flat Iron Mesa, on edge of alfalfa field, beside ditch, in $12-\mathrm{in}$. lone poplar tree; spike. - | 4, 807. 71 |
| T. 3 S., R. 1 E., near SW. cor. sec. 3, on N. side of Sandy-Alta rd., 8 <br> ft. S. of fence corner, in center of concrete post 5 in . square; spike_- | $4,798.84$ |
| T. $3 \mathrm{~S} .$, R. 1 E., 530 ft . S. of $\mathrm{N} 1 / 4$ cor. sec. $10,25 \mathrm{ft}$. NE. of junction of second-class rd. $\mathrm{N} ., 15 \mathrm{ft}$. N . of concrete head wall of culvert, 4 ft . NE. of fence corner, in pasture; standard iron post with bronze cap stamped " 11 A 1925". | $4,857.820 \text {. }$ |
| Reference mark, 37 ft . S. of post, on concrete head wall of culvert; chiseled square | $4,858.73$ |
| T. 3 S., R. 1 E., S. of center of sec. $10,325 \mathrm{ft}$. S. of turn from E. to S . in second-class rd., 35 ft . E. of SE. corner of farmhouse of David Archibald, on concrete cistern top; chiseled square | $4,947.02$ |
| T. 3 S ., R. 1 E. , E. of $\mathrm{E} 1 / 4$ cor. sec. $21,8 \mathrm{ft}$. N. of turn in rd. from NE. to $W$., 50 ft . W. of deep ravine, 175 ft . NE. of farmhouse of N. F. Dean, on NW. corner of concrete culvert; chiseled square | $4,781.53$ |
| T. 3 S., R. 1 E., in SW $1 / 4 \mathrm{sec} .28,0.8 \mathrm{mi}$. E. of Draper, 35 ft . NW. of crossroads, 2 ft . SW. of fence corner; standard iron post with bronze cap stamped " 12 A 1925 " | $4,580.082$ |
| Reference mark, 46 ft . S. $20^{\circ} \mathrm{E}$. of post, on W. end of concrete culvert; chiseled šquare | $4,577.24$ |
| Draper, 1.0 mi . SE. of, NW. of center of sec. 33, T. 3 S., R. 1 E., about 160 ft . SE. of sign reading "Draper 1 mi. ," at abandoned rd., on N. end of N . concrete head wall of culvert over large irrigation canal; chiseled square. | 4, 559. 15 |
| T. $4 \mathrm{~S} ., \mathrm{R} .1$ E., on E. side NE $14 \mathrm{sec} .5,15 \mathrm{ft}$. S. of intersection of second-class rd. and Union Pacific R. R., on W. side of track, in S. end of concrete head wall of culvert 780.25 ; standard tablet stamped |  |
| "13 A 1925" | 4, 617. 628 |
| Reference mark, 25 ft . E. of tablet, on E. end of same culvert; chiseled square |  |

From Denver \& Rio Grande Western Railroad station in Murray south 0.8 mile, thence east to and south along State Street to Fifty-sixth South Street, thence east and northeast by way of Holliday to Wasatch Boulevard, thence generally north into Fort Douglas No. 2 quadrangle at southeast corner of Fort Douglas Military Reservation (by T. W. Ranta in 1934)
Murray, 230 ft . N. of Denver \& Rio Grande Western R. R. sta., 40 ft . N. of highway crossing, 10 ft . E. of E. track, on NW. corner of concrete base of semaphore; chiseled squiare

4, 291. 86
Murray, 0.9 mi . S. of sta., near SW . corner of property of American Smelting and Refining Co., 118 ft . ESE. of aluminum tablet stamped " 4310 " previously described, 50 ft . S. of street, in root on W. side of $14-\mathrm{in}$. Carolina poplar tree; copper nail and washer.... 4, 312. 03

Murray, at State and Fifty-sixth South Streets, 6 ft . S. and 12 ft . E. from SW. corner of brick building, on concrete curb; chiseled square. 4, 330. 92

Murray, at E. limits of, near SE. corner of Fifty-sixth South and Ninth East Streets, at E. entrance to dwelling of Earl Howe, cemented in S. side of second step; standard tablet stamped " 4341 TR 1 -1934", 4, 341. 584

Reference mark, 110 ft . NW. of tablet, in center of E. head wall of concrete culvert; monel-metal rivet

4, 336. 02
Murray, 0.6 mi . E. of E. limits of, at NW. corner of Fifty-sixth South and Thirteenth East Streets, in center of N. concrete head wall of culvert; chiseled square (established by water-resources branch of Geological Survey)

4, 369.75
Murray, 0.9 mi . E., thence 0.3 mi . N. of E. limits of, 10 ft . W. of Salt Lake City Well 133, on property of Claude Hinnen, in center of concrete wall, at ground level; copper nail (set by water-resources branch of Geological Survey)

4, 354. 75
Murray, 1.5 mi . E. of E. limits of, on SE. concrete wing wall of bridge over irrigation canal; chiseled square

4, 400. 17
Murray, 1.6 mi . E., thence 0.5 mi . N. from, at N. side of Dahl Lane, on W. end of concrete culvert under Highland Drive; chiseled square (established by water-resources branch of Geological Survey) - 4, 385. 70
Holliday, 1.5 mi . S. of, on Highway 65 S ., at center of intersection of two private rds. N., in pavement; copper nail and washer....-...-
Holliday, 0.9 mi . S. of, 0.5 mi . SW. of intersection of Hclliday Boulevard and Cottonwood Lane, 20 ft . N. and 35 ft . E. from junction of T-rd. SE., 5 ft . N. and 5 ft . E. from SW. corner of fence, in concrete post; standard tablet stamped "4409 TR 2 1934".

4, 409. 799
Reference mark 1, 85 ft . SW. of tablet, 40 ft . S. and 40 ft . W. from junction of T-rd. SE., in root on N. side of boxelder tree; copper nail and washer

4, 409. 79
Reference mark 2, 93 ft . NW. of tablet, 120 ft . N. and 20 ft . W. from junction of T-rd. SE., in root on E. side of boxelder tree; copper nail and washer
$4,407.88$
Holliday, 0.4 mi . S. of, at Holliday Boulevard and Cottonwood Lane; center line of rd

4, 473. 4
Holliday, 134 ft . S. and 24 ft . W. from intersection of Holliday Boulevard and Forty-eighth South Street, in front of property of Glen Anderson, on NE. corner of concrete walk; chiseled square-.......
Holliday, 0.5 mi . NE. of, 12 ft . S. and 36 ft . W. from junction of Wander Lane and Forty-eighth South Streets, on W. end of S. concrete abutment of bridge over irrigation canal; chiseled square----
Holliday, 1.0 mi . NE. of, 80 ft . S. and 20 ft . E. from concrete culvert over Cottonwood Irrigation Canal on Holliday Highway, 10 ft . S. and 15 ft . W. from SW. corner of house, in concrete post; standard tablet stamped " 4694 TR 3 1934"

4, 694. 1.53
Reference mark 1, 95 ft . NNW. of tablet, on top of N. concrete head wall of bridge over small irrigation canal; top of rock projecting from concrete.

4, 694. 34
Reference mark 2, 202 ft . N. of tablet, in front of house, in root on SW. side of $12-\mathrm{in}$. locust tree; copper nail and washer

4, 694.31
Holliday, 1.5 mi . NE. of, at intersection of Holliday Highway and Wasatch Boulevard, in pavement; copper nail and washer

Holliday, 2.0 mi . NE. of, 0.5 mi . NE. of junction of Holliday Highway and Wasatch Boulevard, 40 ft . NW. of junction of old and new rds., 30 ft . N. of NW. concrete head wall of culvert, about 6 ft . lower than level of present rd., on quartzite boulder; chiseled square

4, 957. 25
Holliday, 2.3 mi . NE. of, on top of E. concrete head wall of culvert; chiseled circle.

4, 966.15
Parleys Canyon Reservoir, 1.8 mi . S. of, 15 ft . N. and 30 ft . W. from turn from E. to N. in Wasatch Boulevard, 3 ft . S. of ditch, just inside of fence, in concrete post; standard tablet stamped "4969 TR 4 1934"

4, 969. 594
Reference mark, 147 ft . WNW. of tablet, 5 ft . N. of ditch, in base on SE. side of 18 -in. boxelder tree; copper nail and washer

4, 964.98
Parleys Canyon Reservoir, 1.3 mi . S. of, at intersection of Wasatch Boulevard and Thirty-fifth South Street, 80 ft . N. of southernmost point of triangle of rd. forks, on $\mathbf{E}$. concrete head wall of culvert; chiseled square

4, 909.38
Parleys Canyon Reservoir, 0.6 mi . S. of, at John R. Park Reservoir, on top of NW. corner of intake housing; chiseled square

4, 920.47
Parleys Canyon Reservoir, 180 ft . WNW. of NW. end of dam, 5 ft . N. of SE. corner of masonry bridge over canyon, cemented in bridge floor; standard tablet stamped " 4722 TR 5 1934"

4, 722. 494
Reference mark, 70 ft . W. of tablet, in S . side of base of $14-\mathrm{in}$. boxelder tree; copper nail and washer.

4, 715. 04
Parleys Canyon Reservoir, 0.4 mi . NW. of, 130 ft . NW. of rock outcrop on NE. side of highway, on top of third concrete post from NW. end of guard rail; chiseled square

4, 915.81
Parleys Canyon Reservoir, 1.0 mi . NW. of, at curve in rd., about 220 ft . S. of signboard, 130 ft . W. of center line of rd., 50 ft . E. of power line, on SE. corner of concrete manhole cover; chiseled square

4, 840.42
Parleys Canyon Reservoir, 1.8 mi . NW. of, 0.2 mi . N. of intersection of Wasatch Boulevard and Twenty-first South, Street, 60 ft . W. of center line of Wasatch Boulevard, on top of NE. extremity of rock outcrop; standard tablet stamped " 4829 TR 6 1934"

4, 829.805
Reference mark, $385 \mathrm{ft} . \mathrm{S} .30^{\circ} \mathrm{E}$. of tablet, 30 ft . E. of center line of boulevard, 3 ft . above surface of ground, on W . side of rock outcrop; chiseled square
$4,827.31$
Parleys Canyon Reservoir, 2.1 mi . NW. of, at junction of Seventeenth South Street, in pavement; copper nail and washer-.-.-..........-
Salt Lake City, on S. side of Bonneville Golf Course, 50 ft . S. and 260 ft . W. from intersection of Wasatch Boulevard and Edith Avenue, in root on SE. side of $16-\mathrm{in}$. black locust tree; copper nail and washer

4, 796. 73
Salt Lake City, E. of Wasatch Boulevard, on top of NW. corner of concrete outlet valve box below Sunnyside Reservoir; chiseled square

4, 840.68

From Parleys Canyon Reservoir northwest and west along Denver \& Rio Grande Western Railroad and Twenty-first South Street to sec. 16, T. 1 S., R. 1 W. (by T. W. Ranta in 1834)

Parleys Canyon Reservoir, 0.7 mi . NW. of, near R. R. bridge 5 A , 15 ft . E. of center line of tracks, on E . wing of S . concrete abutment of highway bridge; chiseled circle (recovered by U. S. C. \& G. S. in 1934)
Parleys Canyon Reservoir, 1.0 mi . NW. of, 25 ft . SW. of center lineof tracks, in base on E. side of 5 -in. scrub oak tree; copper nail andwasherParleys Canyon Reservoir, 1.9 mi . NW. of, between mileposts R 4and R $5,140 \mathrm{ft}$. E. of grade crossing, 27 ft . N. of center line oftracks, in concrete post; standard tablet stamped " 4496 TR 71934" (recovered by U. S. C. \& G. S. in 1934)4, 496. 789
Reference mark, 210 ft . SE. of tablet, on N. bank of stream, in rooton SE. side of $10-\mathrm{in}$. boxelder tree; copper nail and washer$4,495.13$
Parleys Canyon Reservoir, 3.2 mi . NW. of, about 200 ft . NW. of inter-section of Twenty-first South and Seventeenth East Streets, 15 ft .W. of well 182, in center of circular concrete block; chiseled square(established by water-resources branch of Geological Survey)......4, 475. 23
Salt Lake City, at NE. corner of Twenty-first South and ThirteenthEast Streets, on N. wall of concrete gutter; chiseled square ........Salt Lake City, 110 ft . S. of Denver \& Rio Grande Western R. R.sta. at Sugarhouse, on E. side of Highland Drive, on NW. corner ofconcrete base of warning signal; chiseled square4, 413. 324, 366. 09Salt Lake City, between Wilmington and Simpson Avenues, on Den-ver \& Rio Grande Western R. R. right-of-way, 175 ft . W. of NinthEast Street, 27 ft . N. of center line of tracks, in concrete post;standard tablet stamped "4327 TR 8 1934"4, 327. 952Reference mark, 163 ft . WNW. of tablet, in root on NE. side of $20-\mathrm{in}$.boxelder tree; copper nail and washer-4, 326. 37Salt Lake City, 170 ft . N. and 30 ft . E. from intersection of R. R. andFourth East Street, just inside fence line, in root on NE. side of 30 -in.boxelder tree; copper nail and washer$4,275.32$
Salt Lake City, at R. R. crossing between Twenty-first South andTwenty-second South Streets, E. of State Street, on NW. corner ofconcrete base of warning signal; chiseled square (established bywater-resources branch of Geological Survey)4, 253. 52Salt Lake City, 15 ft . N. and 40 ft . E. from intersection of R. R. andWest Temple Street, on R. R. right-of-way, in concrete post;standard tablet stamped " 4240 TR 9 1934" (recovered by U. S. C.\& G. S. in 1934)$4,239.962$
Reference mark, 247 ft . SSW. of tablet, 45 ft . SW. of junction of T-rd.to property of Shell Oil Co., 12 ft . S. of S. end of concrete curb, inroot on E. side of forked black willow tree, 2 ft . E. of trunk; coppernail and washer4, 237. 89
Salt Lake City, at Twenty-first South and Second West Streets, on $W$. end of $N$. concrete retaining wall of irrigation canal; chiseled square ..... 4, 231. 20Salt Lake City, 21 ft . S. and 8 ft . E. from intersection of Twenty-firstSouth Street and easternmost of five tracks, on N. end of E. con-crete head wall of culvert; chiseled square4, 231. 42
Salt Lake City, 25 ft . S. and 110 ft . E. from intersection of Twenty-firstSouth and Eighth West Streets, in root on NW. side of $40-\mathrm{in}$. blackwillow tree; copper nail and washer4, 226. 74Salt Lake City, at westernmost part of "S" curve near Jordan River,60 ft . S. of Twenty-first South Street, 20 ft . E. of private lane, 20 ft .NW. of NW. bank of Jordan River, on property owned by FredSmart, in concrete post; standard tablet stamped " 4229 TR 101934"4, 229. 533


FORT DOUGLAS NO. 4 QUADRANGLE
[Latitude $40^{\circ} 30^{\prime}-40^{\circ} 45^{\prime}$; longitude $111^{\circ} 30^{\prime}-111^{\circ} 45^{\prime}$ ]

## SALT LAKE, UTAH, SUMMIT, AND WASATCH COUNTIES

> From Fort Douglas No. 3 quadrangle generally east and south along Park City branch of Denver \& Rio Grande Western Railroad to Park City (by L. C. Woodbury in 1889; double-run line)

Dale, 3.7 mi . NE. of Parleys Canyon Reservoir, 0.2 mi . SW. of section house at grade crossing, between tracks and creek, on flat; standard iron post with bronze cap stamped " 5234 S LAK" 5, 236. 374
Barclay, about 150 ft . NE. of R. R. water tank, 62 ft . NW. of track; standard iron post with bronze cap stamped " 6204 S LAK" (recovered by U. S. C. \& G. S. in 1934)

6, 206. 293
Kimballs, 2.0 mi . NW. of, 3.8 mi . E. of NE. portal of tunnel at Altus, about 1 mi . S. of highway storehouse, in back of buildings of Anderson ranch; standard iron post with bronze cap stamped "6304 S LAK" (recovered by U. S. C. \& G. S. in 1934)

6, 306. 378
Kimballs, in NE. angle of intersection of R. R. and U. S. Highway 530, inside corner of fence; standard iron post with bronze cap stamped "6364 S LAK" (recovered by U. S. C. \& G. S. in 1934) _-- 6, 366. 214
Kimballs, 3.0 mi . S. of, 2.8 mi . NW. of First Ward School in Park City, on W. side of track, on N. side of U. S. Highway 40, S. of corner of fence; standard iron post with bronze cap stamped " 6636 S LAK"

6, 637. 400
Park City, about 0.5 mi . N. of First Ward School, on S. side of U. S. Highway 40, about 50 ft . W. of SE. corner of cemetery fence; standard iron post with bronze cap stamped " 6804 S LAK" (recovered by U. S. C. \& G. S. in 1934) 6, 806. 204
Park City, at NE. corner of grounds of First Ward School; standard iron post with bronze cap stamped " 6973 S LAK"

6, 975. 326
From Coalville quadrangle at point in sec. 21, T. 2 S., R. 4 E., southwest to
Quincy Mine No. 1, thence northeast along roads through Empire Canyon and
back into Coalville quadrangle (by E. W. Glafcke in 1901)
T. 2 S., R. 4 E., NW $/ 4$ sec. 28, near Daly Mine No. 2, at NW. corner of stone embankment around front yard of building used as boarding house; aluminum tablet set vertically and stamped " 8176 S LAK"

8, 177. 598
T. 2 S., R. 4 E., near E. side $\operatorname{SE} 14 \mathrm{sec} .29,100 \mathrm{ft}$. W. of hoist works of Quincy Mine No. 1, on N. slope of divide at head of Empire Canyon, -in large quartzite ledge; aluminum tablet stamped "8499 S LAK"
$8,500.799$
T. 2 S. R. 4 E., in SW $14 / 4 \mathrm{sec} .21,300 \mathrm{ft}$. SW. of house at mouth of Anchor Tunnel, on $W$. side of narrow canyon, 20 ft . W. of rd., in cliff; aluminum tablet stamped "7658 S LAK"

7, 660. 073

## From Quincy Mine No. 1 southwest along roads by way of Silver Lake to Alta (by E. W. Glafcke in 1901 ; spur line)

Divide between Bonanza Flat and Big Cottonwood Creek, summit of, 75 ft . S. of rd., in large granite boulder; aluminum tablet stamped Feet "9750 S LAK" 9, 740. 994
Silver Lake, near Brighton Hotel, 15 ft . N. of N. end of lake, in large boulder; aluminum tablet stamped "8739 S LAK" ..... 8, 729. 854
Alta Divide, summit of, between Twin Lakes and Little Cottonwood Creek, 20 ft . N. of trail, in granite ledge beside rock; aluminum tablet stamped "10002 S LAK" ..... 9, 992. 856
Alta, 100 ft . N. of rd. from Columbus Mine, on small knoll, in lime- stone ledge; aluminum tablet stamped "8594 S LAK" ..... 8, 584. 539
From Silver Lake northwest 4 miles along road through Cottonwood Canyon (by E. W. Glafcke in 1901; spur line)

Silver Lake, 1.9 mi . NW. of Brighton Hotel at, 300 ft . N. of Big Cottonwood Creek, 50 ft . N. of rd., at clearing, in 6 - by 6 - by 5 -ft. granite boulder; aluminum tablet stamped "8044 S LAK"

8, 035.315
Silver Lake, 4.0 mi . NW. of, 250 ft . N. of creek, 60 ft . N. of side of rd. at Wilson sawmill, in large granite boulder; aluminum tablet stamped "7451 S LAK" ${ }^{42}$.

7, 442. 062
Silver Lake, 4.0 mi . NW. of, 900 ft . W. of Big Cottonwood ranger sta., between old and new rds., 200 ft . N. of crossroads, under power line, 40 ft . W. of wooden power pole 214, in limestone boulder 6 ft . high; standard tablet stamped " 7440 1936"

7, 439. 655
GILBERT PEAK QUADRANGLE ${ }^{43}$

## [Latitude $40^{\circ} 30^{\prime}-41^{\circ} 00^{\prime}$; longitude $110^{\circ} 00^{\prime}-110^{\circ} 30^{\prime}$ ] <br> DUCHESNE AND SUMMIT COUNTIES

From Hayden Peak quadrangle at point in sec. 29, T. 3 N., R. 13 E. along road east to Gilbert Meadows, thence southwest along road and trail and back' into Hayden Peak quadrangle at sec. 32, T. 2 N., R. 13 E. (by E. W. Glafcke in 1901)
T. 3 N., R. 13 E., sec. 29, 400 ft. W. of West Fork of Smith Fork River, 500 ft . NW. of ford, at old steel sawmill site; standard iron post with bronze cap stamped " 9373 EVAN"
$9,374.343$
T. 2 N., R. 13 E., sec. 11, 1.5 mi . S. of rd. fork at Gilbert Meadows, 100 ft . S. of edge of small park in pine timber, near trees blazed and marked all around, in large boulder; standard tablet stamped "9905 EVAN"

9, 907. 216
T. 2 N., R. 13 E., sec. 27, in small saddle on divide between East and West Forks of Smith Fork, 7.0 mi . in air line N. $65^{\circ} \mathrm{W}$. of Gilbert Peak, 125 ft . due E. of small lake, in rock; standard tablet stamped "10690 EVAN"

10, 691. 958
T. 2 N., R. 13 E., near S $1 / 4$ cor. sec. 32, on divide between East Fork of Blacks Fork and East Fork of Smith Fork, in large boulder; standard tablet stamped " 11428 EVAN"
_11, 430. 159

[^33]
# From road fork in Gilbert Meadows at east side of sec. 34, T. 3 N., R. 13 E., along road southeast to China Lake, thence southeast along trail 2.5 miles to summit of divide, thence northeast along trail following West Fork to its confluence with Henrys Fork (by E. W. Glafcke in 1802) 


[Latitude $40^{\circ} 00^{\prime}-40^{\circ} 15^{\prime}$ : longitude $113^{\circ} 45^{\prime}-114^{\circ} 00^{\prime}$ ] TOOELE COUNTY

From Dutch Mountain No. 4 quadrangle northwest along Callao road and old Lincoln Highway to Gold Hill, thence southwest to west side of Clifton Flat. thence southeast along road through Overland Canyon into Callao quadrangle (by S. L. Parker in 1924)
Gold Hill, 6.0 mi . SE. of post office, 0.3 mi . SE. of junction of old Lincoln Highway, 33 ft . W. of rd., in granite outcrop; standard tablet stamped "P 6 1924" (recovered by U. S. C. \& G. S. in 1934)

4, 767. 205
Reference mark, 43 ft . NW. of tablet, on granite outcrop; chiseled square

4, 772. 10
Gold Hill, 5.2 mi . SE. of, 140 ft . E. of highway, in base on W. side of granite boulder 2 ft . in diameter; chiseled square

4, 992. 52
Gold Hill, 4.6 mi . SE. of, 0.2 mi . NW. of junction of rd. S., on brow of long hill, 10 ft . E. of highway, on highest point of granite outcrop; chiseled square

5, 059. 96
Gold Hill, 3.8 mi . SE. of, 530 ft . NW. of junction of rd. W., 200 ft . W.
of highway, on white quartz outcrop; chiseled square $\ldots \ldots-\ldots-5,066.95$
Gold Hill, 3.1 mi . E. of, 50 ft . S. of highway at sharp curve to W., in gray granite outcrop; standard tablet stamped "P 7 1924".

5, 147. 893
Reference mark, 4 ft . W. of tablet, on rock outcrop; chiseled square_ - 5, 147. 44
Gold Hill, 2.6 mi . E. of, 105 ft . S. of highway, on granite outcrop;

Gold Hill, 2.1 mi . E. of, 15 ft . S. of highway, near foot of steep hill, on granite boulder 4 ft . in diameter; chiseled square
$5,269.60$
Gold Hill, 1.3 mi . E. of, 0.5 mi . N. of Gold Hill Mine, near mouth of small canyon, 5 ft . S . of curve in highway at junction of cut-off rd. SE., on stone outcrop; chiseled square
$5,291.04$
Gold Hill, 0.6 mi . E. of, 100 ft . E. of highway, on gray granite ledge; chiseled square

[^34]Gold Hill, 190 ft . NE. of post office, 100 ft . NE. of dwelling of J. J.
Gerster, in gray granite outcrop; standard tablet stamped "P 8 Feet 1924" (recovered by U. S. C. \& G. S. in 1934) 5, 321. 781
Reference mark, 14 ft . NW. of tablet, on granite outcrop; chiseled square
$5,318.33$
Gold Hill, 0.7 mi . SW. of, about 520 ft . S. of junction of rd. E. to U. S. Mine, 100 ft . SE. of old prospect hole, 90 ft . W. of highway, on brown boulder 4 ft . in diameter; chiseled square

5, 416.45
Gold Hill, 2.0 mi . SW. of, 850 ft . S. of crossroads, 50 ft . E. of highway, on S. side of granite ledge outcropping from hill; chiseled square _-_ 5, 723. 77
Gold Hill, 3.1 mi . SW. of, 0.8 mi . SW. of rd. fork, 550 ft . NE. of junction of rd. W. into small canyon, 30 ft . E. of highway, in ledge; standard tablet stamped "P 9. 1924"

5, $972 \cdot 240$
Reference mark, 85 ft . NW. of tablet, 10 ft . W. of highway, on rock ledge; chiseled square

5, 969.48
Gold Hill, 3.8 mi . SW. of, at junction of rd. SE. to Overland Canyon, 60 ft . N. of summit of ridge, on E. side of highway, in root on S . side of 8 -in. cedar tree used as signpost; copper nail and washer - --
Gold Hill, 4.6 mi . SW. of, 640 ft . NE. of junction of rd. W. to Ochre Mtn., 12 ft . E. of center line of highway, in root of $9-\mathrm{in}$. scrub cedar tree; copper nail and washer

6, 141. 11
Gold Hill, 5.5 mi . SW. of, 0.2 mi . NE. of junction of old rd. to Overland Canyon, 5 ft . S. of highway, on boulder 22 in . in diameter, in place; chiseled square

6, 144. 41
Gold Hill, 5.8 mi . SW. of, 17.5 mi . NW. of Callao, on W. side of Clifton Flat, 160 ft . SW. of junction of rd. to Overland Canyon, in rock ledge; standard tablet stamped "P 10 1924" (recovered by U. S. C. \& G. S. in 1934)

6, 148. 919
Reference mark, 8 ft . S. of tablet, on ledge; chiseled square $\ldots \ldots . \ldots$...... 6, 149. 39
Callao, 16.6 mi . NW. of, 0.9 mi . SE. of junction of rd. to Overland Canyon, 8 ft . S. of rd., on white stone set in place; chiseled square_ $6,043.58$
Callao, 15.7 mi . NW. of, 6 ft . N. of rd., on large boulder set in place and extending 18 in . above ground; chiseled square

6, 003.93
Callao, 15.0 mi . NW. of, in angle formed by and 35 ft . NW. of junction of rd. to Gold Hill, on stone set in place; chiseled square

5, 855.80
Callao, 14.3 mi . NW. of, 0.7 mi . SE. of rd. junction, 9 ft . N. of rd., in lone boulder 4 ft . in diameter, in place and extending 2 ft . above ground; standard tablet stamped "P 11 1924" (recovered by U. S. C. \& G. S. in 1934)

5, 768. 679
Reference mark, 8 ft . E. of tablet, on stone set flush with ground; chiseled square

5, 767. 08
Callao, 13.2 mi . NW. of, at junction of Barney Reevey Gulch, 70 ft . E. of point where rd. leaves stream bed, on S. side of rd., on 4 - by 2 -ft. boulder in place; chiseled square

5, 623.99
Callao, 12.6 mi . NW. of, 450 ft . SE. of junction of rd. to Midas Mine, 1.0 mi . NW. of abandoned stone stage station, 110 ft . NW. of point where rd. leaves stream bed, on granite boulder 5 ft . in diameter and 2 ft . high; chiseled square
Callao, 11.6 mi . NW. of, in angle formed by junction of short rd. NW. with Callao rd., 230 ft . E. of abandoned stage station, 50 ft . W. of rd. near summit of hill, in boulder 3 ft . in diameter, in place; standard tablet stamped "P 12 1924" (recovered by U. S. C. \& G. S. in 1934)
Feet
Reference mark, 41 ft . SE. of tablet, on boulder; chiseled square ..... $5,530.09$
Callao, 10.7 mi . NW. of, 15 ft . E. of rd., on stone set in place and extending 10 in . above ground; chiseled square ..... 5, 316. 28
Callao, 9.8 mi . NW. of, W. of junction of rd. N., 6 ft . N. of rd., on $14-\mathrm{ft}$. boulder in place and extending 1 ft . above ground; chiseled square ..... 5, 119. 28
Callao, 8.9 mi . NW. of, 10 ft . E. of rd., on stone 8 in . by 6 in . at top, set in place and extending 1 ft . above ground; chiseled square ..... 5, 015.71Callao, 8.2 mi . NW. of, near small wash running SE., 115 ft . E. of rd.,in 3 - by 2 -ft. gray' boulder in place and extending 19 in . above ground;standard tablet stamped "P $13 \quad 1924$ "4, 927.049
Reference mark, 14 ft . SE. of tablet, on 3- by 2 - ft . boulder in place; chiseled square ..... 4, 924.81
From Gold Hill northwest along Ferber Road 10 miles into Dutch Mountain No. 2 quadrangle (by S. L. Parker in 1924)Gold Hill, at W. entrance to post office, in N. end of door sill; coppernail and washer5, 297. 65
Gold Hill, 1.1 mi . NW. of, 65 ft . E. of W. apex of triangle formed by rd.forks, 21 ft . S. of rd., on E. end of stone outcrop; chiseled square-.--5, 448.03Gold Hill, 2.1 mi . NW. of, on narrow ridge, 40 ft . S. of rd., on brownboulder 2 ft . in diameter, in place and extending 1 ft . above ground;chiseled square$5,675.45$
Gold Hill, 2.9 mi . NW. of, 0.6 mi . NW. of junction of rd. N., 0.4 mi .E. of divide between Deep Creek and Gold Hill Canyons, 25 ft . N.of rd., in gray rock ledge; standard tablet stamped "P 16 1924"5, 885. 013
Reference mark, 12 ft . NE. of tablet, on rock ledge; chiseled square _- ..... $5,885.55$Gold Hill, 3.3 mi . NW. of, 14 ft . S. of rd. at summit of divide, on graniterock set in place and extending 1 ft . above ground; chiseled square. -$5,963.65$
Gold Hill, 4.1 mi . NW. of, 8 ft . N. of rd. at summit of small ridge, 18in. above ground, in base of $8-\mathrm{in}$. scrub cedar tree; copper nail andwasher5, 788.91
Gold Hill, 5.2 mi . NW. of, 50 ft . W. of rd., on base of large conglom- erate ledge; chiseled square ..... 5, 610. 08
Gold Hill, 5.5 mi . NW. of, 100 ft . W. of rd., in limestone ledge; stand- ard tablet stamped "P 17 1924" ..... 5, 544. 763
Reference mark, 6 ft . SE. of tablet, on same ledge; chiseled square ..... 5, 544.83
Gold Hill, 6.5 mi . NW. of, 70 ft . E. of rd., 9 ft . W. of lone scrub tree, on small rock ledge; chiseled square ..... 5, 389. 21
Gold Hill, 6.8 mi . NW. of, at point of hill, 130 ft . N. of point where rd.enters stream bed, on rock ledge 3 ft . above stream bed; chiseledsquare5, 325. 04
Gold Hill, 7.8 mi . NW. of, 0.3 mi . NW. of junction of rd. S., 26 ft . S. of rd., on boulder 4 ft . in diameter, in place; chiseled square ..... 5, 163. 49
Gold Hill, 8.7 mi . NW. of, 0.4 mi . NW. of junction of rd. NW., 0.5 mi .SE. of crossroads, $5 \mathrm{ft} . \mathrm{N}$. of rd., in boulder 3 ft . in diameter, inplace and extending $1 \cdot \mathrm{ft}$. above ground; standard tablet stamped"P 18 1924"5, 068.383
Reference mark, 4 ft . E. of tablet, on boulder; chiseled square ..... 5, 068. 11
Gold Hill, 9.6 mi . NW. of, 0.4 mi . NW. of crossroads, 25 ft . S. of rd.,on boulder 2 ft . in diameter, in place; chiseled square$4,978.38$

## From Dutch Mountain No. 2 quadrangle south along Deep Creek road to Ibapah (by S. L. Parker in 1924)

Ibapah, 15.3 mi . N. of post office, 60 ft . S. of small drain, 15 ft . E. of center line of rd., on brown boulder 16 in. in diameter, in place and extending 1 ft . above ground; chiseled square
Ibapah, 14.2 mi . N. of, 19 ft . E. of rd., on boulder in place; chiseled square

4, 984.16
Ibapah, $13.3 \mathrm{mi} . \mathrm{N}$. of, 0.3 mi . SE. of junction of second-class rds. S .
and NW., on NE. side of mound-shaped hill 15 ft . high, 55 ft . W. of rd., in conglomerate ledge; standard tablet stamped "P 201924 "
Reference mark, 3 ft . SE. of tablet, on ledge; chiseled square.........
Ibapah, 12.5 mi . N. of, 485 ft . S. of sharp curve known as "The Danger Point," 15 ft . W. of rd., near base of rock cliff, on boulder 3 ft . in diameter and 2 ft . high; chiseled square
$5,045.56$
Ibapah, 11.9 mi . N. of, 60 ft . W. of rd. at spur of hill, on boulder 4 ft . in diameter and 2 ft . high; chiseled square

5, 062. 02
Ibapah, 10.8 mi . N. of, about 400 ft . N. of rd. junction at NE. corner of White Sage Flat, near base of prominent rock cliff, 19 ft . W. of rd., in boulder 6 ft . in diameter and 4 ft . high; standard tablet stamped "P 21 1924".
$5,097.409$
Reference mark, 14 ft . E. of tablet, 10 ft . W. of rd., on boulder; chiseled square
$5,095.41$
Ibapah, 9.9 mi . N. of, 550 ft . S. of bridge over fork of Deep Creek Wash, at NE. point of rock ledge, 42 ft . W. of rd., on brown rock outcrop; chiseled square
$5,120.12$
Ibapah, 9.2 mi . N. of, 0.2 mi . SE. of junction of rd. SW., at spur of hill, 20 ft . W. of rd., on boulder 2 ft . in diameter; chiseled square_-
Ibapah, 7.9 mi . N. of, 0.3 mi . N. of junction of rd. W. to Erickson ranch, about 800 ft . N. of junction of rd. E., 13 ft . W. of center line of rd., 6 ft . S . of corner fence post, 1 ft . E. of fence line, in gray granite stone set in place; standard tablet stamped "P 22 1924" ${ }^{\prime}$.- 5, 133. 798
Reference mark, 6 ft . S. of tablet, on boulder buried 7 in . below surface of ground; chiseled square
$5,132.86$
Ibapah, 6.9 mi . N. of, 0.9 mi . S. of junction of rd. E., 12 ft . W. of center line of rd., 8 in . E. of fence line, on stone 7 in . by 5 in . on top, set in place; chiseled square
$5,134.73$
Ibapah, 6.4 mi . N. of, 2.2 mi . N. of Bonnemart ranch, on W. side of rd., 25 ft . S. of corner of wire fence, 1 ft . E. of fence line, on boulder 12 in . in diameter, set in place and extending 7 in . above ground; chiseled square
$5,141.30$
Ibapah, 5.7 mi . N. of, 1.5 mi . N. of Bonnemart.ranch; on W. side of rd., 1 ft . F. of fence line, in stone set in place; standard tablet stamped "P 23 1924"
$5,147.275$
Reference mark, 10 ft . S. of tablet, on large boulder in place; chiseled square
$5,147.45$
Ibapah, 5.1 mi . N. of, 1.1 mi . N. of Bonnemart ranch, on W. side of rd., 1 ft . E. of fence line, on stone 7 in . in diameter at top, set in place; chiseled square
Ibapah, 4.1 mi . N. of, 53 ft . SE. of Bonnemart ranch house, near artesian well, in root on NW. side of easternmost tree in S. row of willows; copper nail and washer
Ibapah, 3.1 mi . N. of, 1.0 mi . SE. of Bonnemart ranch, 80 ft . NW. of junction of rd. NE., in stone 12 in . by 8 in . at top, set in place; standard tablet stamped "P 24 1924"
Reference mark, 7 ft . N. of tablet, on large stone set flush with ground; ..... Feet ..... 5, 201. 58
Ibapah, 2.4 mi . N. of, 250 ft . S. of junction of rd. N., 30 ft . E. of rd., on stone monument 20 in . square; chiseled square ..... 5, 216. 40
Ibapah, 1.3 mi . N. of, 0.3 mi . SW. of junction of rd. SE., $315 \mathrm{ft} . \mathrm{SW}$. of rd. W. to Sheridan ranch house, 21 ft . E. of rd., on stone set in place; highest point ..... $5,236.95$
Ibapah post office, 345 ft . NW. of, 33 ft . E. of center line of rd., in stone set in place; standard tablet stamped "P 25 1924" (recovered by U. S. C. \& G. S. in 1934) ..... 5, 288. 415
Reference mark, 6 ft . N. of tablet; 1 -in. iron bar with cap, set 15 in . below surface of ground ..... $5,287.04$
From point on Deep Creek road 3.1 miles northeast of Ibapah northeast along road and old Lincoln Highway to west side of Clifton Flat (by S. L. Parker in 1924)
Ibapah, 4.0 mi . NE. of, 0.4 mi . NE. of crossroads, 22 ft . N. of rd. on summit of rise, on large stone set in place and extending 1 ft . above ground; chiseled square ..... 5, 306.36
Ibapah, 5.0 mi . NE. of, 30 ft . S. of junction of rd. W. to artesian well, on S. side of highway, on large stone set in place and extending 11 in. above ground; chiseled square ..... $5,504.58$
Ibapah, 5.8 mi . NE. of, 0.3 mi . W. of junction of rd. SW., 50 ft . S. of highway where rd. follows narrow ridge, in boulder 3 ft . in diam- eter, set in place; standard tablet stamped "P 26 1924" ..... 5, 684. 180
Ibapah, 7.0 mi . NE. of, 120 ft . W. of crossing of small drain, 30 ft . N. of highway, on ledge; chiseled square ..... $5,868.25$
Ibapah, 7.9 mi . NE. of, 0.5 mi . W. of rd. junction at W. side of Clifton Flat, 85 ft . N. of highway, on ledge; chiseled square ..... 6, 064. 03
From Gold Hill northeast along Deep Creek Railroad into Dutch Mountain No. 2 quadrangle (by S. L. Parker in 1924)
Gold Hill, in front of R. R. sta.; top of N. rail ..... 5, 244.1
Gold Hill, 0.3 mi . NE. of R. R. sta., at W. end of cut, 11 ft . S. of track, on granite ledge; chiseled square ..... 5, 222. 12
'Gold Hill, 1.5 mi . NE. of, 0.9 mi . NE. of junction of rd. NW. to Pool Canyon, 0.2 mi . NE. of stream crossing, 19 ft . W. of track, on boulder 4 ft . in diameter and 2 ft . high; chiseled square ..... 5, 047.98
'Gold Hill, 2.7 mi . N. of, 0.5 mi . SW. of rd. crossing, 32 ft . W. of track,in quartz outcrop; standard tablet stamped "P 27 1924"---.-..- 4, 868. 048
Reference mark, 4 ft . S. of tablet, on quartz outcrop; chiseled square_ 4, 867. 85Gold Hill, 3.8 mi . NE. of, 0.6 mi . NE. of rd. crossing, 20 ft . N. ofculvert under track, 17 ft . W. of track, on boulder 3 ft . in diameter;chiseled square$4,694.19$
Gold Hill, 4.8 mi . NE. of, 320 ft . N. of telegraph pole 40, 20 ft . W. of track, on boulder 2 ft . in diameter; chiseled square ..... 4, 552. 85
Gold Hill, 5.9 mi . NE. of, 680 ft . N. of small wash, 45 ft . W. of track,in boulder 3 ft . in diameter and 1 ft . high; standard tablet stamped"P 28 1924"4, 448. 376
Reference mark, 13 ft . S. of tablet, on boulder 2 ft . in diameter; chis- eled square ..... 4, 448. 14

# From Dutch Mountain No. 2 quadrangle at point 4.6 miles in air line west of Garrison Mine southwest along roads through saddle to point on Ferber road 8.7 miles northwest of Gold Hill (by S. L. Parker in 1924) 

$$
\begin{aligned}
& \text { Gold Hill, } 8.6 \mathrm{mi} \text {. NW. of, } 6.3 \mathrm{mi} . \mathrm{SW} \text {. of Garrison Monster water } \\
& \text { tank on Deep Creek R. R., } 0.3 \mathrm{mi} \text {. NE. of Ferber rd., on top of } \\
& \text { saddle, } 8 \mathrm{ft} . \mathrm{E} \text {. of rd., on stone set in place and extending } 18 \mathrm{in} . \\
& \text { above ground; chiseled square }
\end{aligned}
$$

## GRANITE PEAK QUADRANGLE

[Latitude $38^{\circ} 30^{\prime}-39^{\circ} 00^{\prime}$; longitude $112^{\circ} 30^{\prime}-113^{\circ} 00^{\prime}$ ]
BEAVER, MILLARD, AND SEVIER COUNTIES

> From Sevier quadrangle along State Highway 13 west to Cove Fort, thence northeast along U. S. Highway 91 into Richfield No. 2 quadrangle (by E. E. Harris in 1931)

Cove Fort, 4.7 mi . E. of, on E. side of curve in highway, in center of concrete head wall of culvert; chiseled square

6, 918. 07
Cove Fort, 3.7 mi . E. of, on N. side of highway, on lava outcrop; chiseled square

6, 605. 81
Cove Fort, 2.8 mi . E. of, 26 ft . S. of center line of highway, 60 ft . W. of large concrete culvert, in concrete post; standard tablet stamped " 1931 H 125 6438" 45
$6,437.439$
Reference mark, 67 ft . NE. of tablet, in center of N. concrete head
wall of culvert; chiseled square...----------------------------6, 439.50
Cove Fort, 2.1 mi . E. of, on N. side of curve in highway, in center of concrete head wall of culvert; chiseled square

6, 300. 72
Cove Fort, 1.1 mi . E. of, on S . side of highway, on concrete base of upright of boundary signboard reading "Fish Lake National Forest"; chiseled square

6, 122.62
Cove Fort, near center of large triangle formed by junction of U. S. Highway 91 and State Highway 13, 4 ft . E. of E. face of Cove Fort monument, in concrete post; standard tablet stamped " 1931 H 126 5997" (recovered by U. S. C. \& G. S. in 1934)

5, 996. 625
Reference mark, $1,600 \mathrm{ft}$. NW. of tablet, in center of N. concrete head wall of culvert; chiseled square

5, 974.97
Cove Fort, 0.7 mi . W. of monument, on N. side of U. S. Highway 91, at corner of fence, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

5, 941. 609
Cove Fort, 1.8 mi . NW. of, on E. side of curve in highway, 120 ft . S. of junction of rd. W. to Millard Valley; in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

5, 954.165
Cove Fort, 2.5 mi . NW. of, on E. side of curve in highway, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

6, 001. 943
Cove Fort, 3.3 mi . NW. of, 34 ft . W. of center line of highway, on summit, in concrete post; standard tablet stamped " 1931 H 127 6156" (recovered by U. S. C. \& G. S. in 1934) $6,155.312$
Cove Fort, 4.5 mi . NW. of, on E. side of highway near base of long grade, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

5, 872. 364

[^35]Cove Fort, 5.6 mi . NW. of, 33 ft . NW. of center line of highway, on small knoll, in concrete post; standard tablet stamped " 1931 H 128 Feet

Reference mark, 100 ft . SE. of tablet, on concrete head wall of culvert; chiseled square
5, 708.49
Cove Fort, 6.1 mi . NW. of, on E. side of highway at point where old highway parallels base of mountain, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) _ . 5, 686. 104
Cove Fort, 6.9 mi . NW. of, 100 ft . W. of center line of highway, in NE. angle of junction of rd. E. to gravel pit at summit of grade, on boulder set flush with ground; chiseled square (recovered by U.S. C. \& G. S. in 1934)
5, 738. 945
Cove Fort, 7.7 mi . NW. of, on W. side of curve in highway, on prominent rock ledge; chiseled square (recovered by U. S. C. \& G. S. in 1934)
5, 608. 539
Cove Fort, 8.5 mi . NW. of, 21 ft . S. of center line of highway, 35 ft . W. of painted telephone pole, partially covered in edge of highway fill, in concrete post; standard tablet stamped "1931 H 1295457 " (recovered by U. S. C. \& G. S. in 1934)
5, 456. 941
Cove Fort, 9.1 mi . NW. of, on E. side of highway; W. of lone cedar tree, on boulder; chiseled square
5, 361. 10
Cove Fort, 9.8 mi . NW. of, 10.8 mi . SW. of Kanosh, on W. side of highway, 60 ft . N . of junction of dim rd. SW., on large red boulder; chiseled square

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5, 269. 72
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Kanosh, 10.0 mi . SW. of, on E. side of curve NE. in highway, 40 ft . N. of pole at angle in telephone line, on boulder; chiseled square....... 5, 139. 30
Kanosh, 9.1 mi . SW. of, 70 ft . SE. of center line of highway, 120 ft . E. of culvert, 2 ft . NW. and 9 ft . SW . from fence line, between highway and abandoned rd., in concrete post; standard tablet stamped " 1931 H 130 5032" (recovered by U. S. C. \& G. S. in 1934)
5, 031. 552
Kanosh, 8.1 mi . SW. of, on S. side of highway at summit of grade, inside of fence, on prominent rock outcrop; chiseled square
5, 014. 57
Kanosh, 7.5 mi . SW. of, on NW: side of highway, near rocky point of hill, on rock outcrop; chiseled square (recovered by U.S. C. \& G. S. in 1934)
4, 977. 798
Kanosh, 6.3 mi . SW. of, 38 ft . NW. of center line of highway, 2 ft . NW. and 4 ft . SW. from fence, in concrete post; standard tablet stamped " 1931 H 131 4949" ${ }^{46}$
4, 949.085
Kanosh, 5.2 mi . SW. of, on NW. side of highway, 70 ft . E. of drain pipe, in cedar stump; copper nail and washer
4, 978.78
Kanosh, 4.3 mi . SW. of, on S. side of highway; on boulder; chiseled square (recovered by U. S. C. \& G. S. in 1934)
5, 021. 840

## GRASBY QUADRANGLE

[Latitude $39^{\circ} 15^{\prime}-39^{\circ} 30^{\prime}$; longitude $110^{\circ} 15^{\prime}-110^{\circ} 30^{\prime}$ ]
CARBON AND EMERY COUNTIES
From Mounds quadrangle southeast along Denver \& Rio Grande Western Railroad into Beckwith Peak quadrangle (by L. F. Biggs in 1910; leveled twice)
Cedar sta., 300 ft . N. of, about 13 mi . NW. of Woodside, near sec-tion-house, 10 ft . S. of telephone pole, on E. side of right-of-way; standard iron post with bronze cap stamped " 5172 44" (recovered by U. S. C. \& G. S. in 1927)

[^36]
# Woodside, 9.4 mi . NW. of, 400 ft . W. of milepost 590 , at E. end of cut, on N . side of right-of-way, in boulder; aluminum tablet stamped "5040 45" (recovered by U. S. C. \& G. S. in 1927) ........ 5, 042. 362 <br> Woodside, about $\&$ mi. NW. of, at Grassy siding, 8 ft . S. of telephone pole, behind telephone booth, on E. side of right-of-way; standard iron post with bronze cap stamped " 485146 " (recovered by U. S. C. \& G. S. in 1927) <br> ..... 4, 853. 740 <br> Woodside, about 3 mi . N. of, in W. edge of N. abutment of bridge$583-\mathrm{B}$; aluminum tablet stamped "4614 47" (reco̊vered by U. S. C.\& G. S. in 1927) <br> 4, 686. 014 <br> Woodside, 400 ft . S. of sta., in W. end of N. abutment of steel bridge; aluminum tablet stamped " $4626 \cdot 48$ ". <br> $4,627.319$ <br> GUNLOCK QUADRANGLE 

[Latitude $37^{\circ} 00^{\prime}-37^{\circ} 30^{\prime}$; longitude $113^{\circ} 30^{\prime}-114^{\circ} 00^{\prime}$ ]
WASHINGTON COUNTY
From Modena quadrangle near Enterprise Reservoir south along road to point 6.5 miles notheast of Goldstrike (by R. B. Steele in 1937)

Enterprise Reservoir, 1.0 mi . SW. of, 0.5 mi . SW . of gate in Forest
Service fence, 12 ft . W. of center line of rd., at base of large rock out-
crop, on extreme E. end; chiseled square.
Enterprise Reservoir, 1.9 mi . SW. of, 0.2 mi . W. of Lost Cave, in wye at fork of rd. to Grassy Flat, in top of boulder set in place; standard tablet stamped "RS 71937 5840"
$5,840.168$
Reference mark, 126 ft . N. of tablet, 85 ft . N. of rd. fork, 20 ft . W. of rd., on top of boulder set in place; chiseled square
$5,835.17$
Enterprise Reservoir, 2.5 mi . S. of, 0.8 mi . SW. of Lost Cave, 70 ft . NW. of rd. crossing at Cave Creek, on top of boulder in place; chiseled square
$5,975.90$
Enterprise Reservoir, 3.0 mi . S. of, 1.3 mi . SW. of Lost Cave, 22 ft . SE. of center line of rd., on top of large rock outcrop; chiseled square.
$6,118.78$
Enterprise Reservoir, 3.7 mi . S. of, on N. side of traveled rd. at summit of Maple Ridge, on top of boulder in place; chiseled square.
$6,275.51$
Enterprise Reservoir, 4.1 mi . S. of, on S. slope of Maple Ridge, 1.4 mi. N. of crossing of Moody Wash, 25 ft . N. of center line of rd., in top of rock outcrop; standard tablet stamped "RS 81937 6128"
Reference mark, 25 ft . N. of center line of rd., on top of rock outcrop; chiseled square

6, 127. 28
Enterprise Reservoir, 4.9 mi . S. of, 6.5 mi . NE. of Goldstrike, 0.6 mi . NE. of crossing of Moody Wash, 1.1 mi . W. of junction of EnterpriseVeyo rd. and rd. leading up Moody Wash, at junction of rd. SW., in base on E. side of $14-\mathrm{in}$. cedar tree; copper nail and washer

5, 712. 38

## From point 6.5 miles northeast of Golistrike southwest along roads and trail to point near Nordin ranch, thence southeast and northeast by way of Jackson Springs and Gunlock to Veyo, thence south 2 miles along State Highway 18. (by R. B. Steele in 1937 and 1938; leveled twice)

Goldstrike, 5.9 mi . NE. of, in NE. angle of crossing of Moody Wash, 5 ft . W. of twin willow tree, on top of boulder in place; chiseled square_
$5,587.05$
Goldstrike, 5.5 mi . NE. of, 2.0 mi . NE. of Forest Service gate, at summit of first ridge $S$. of Moody Wash, 35 ft . W. of rd., 2 ft . E. of rock cairn, in top of boulder set in place; standard tablet stamped "RS 91937 5799"

5, 798. 757
Reference mark, 80 ft . NE. of tablet, 40 ft . E. of rd., on boulder in place; chiseled square

5, 796.89Goldstrike, 5.2 mi . NE. of, 1.8 mi . NE. of Forest Service gate, on E.side of rd., at quarter corner between secs. 27 and $34, \mathrm{~T} .38$ S.,R. 18 W. ; top of General Land Office iron post with cap stampedFeet
" 134 cor. secs. 27 and 28, 1912"Goldstrike, 4.4 mi . NE. of, 1.0 mi . NE. of Forest Service gate, in"Narrows," on W. edge of trail, at base of rock bluff; chiseled square_$5,456.76$Goldstrike, 3.4 mi . NE. of, 60 ft . SE. of Forest Service gate, 20 ft . E. oftrail, in top of large boulder in place; standard tablet stamped"RS 101937 5183"5, 183. 229
Reference mark, 28 ft . SE. of tablet, 80 ft . SE. of gate, on top of boulder in place; chiseled square ..... 5, 184.10
Goldstrike, 2.4 mi . NE. of, 100 ft . S. of creek crossing trail, 20 ft . W. of trail, on top of boulder in place; chiseled square ..... 4, 985.14
Goldstrike, 1.4 mi . NE. of, 60 ft . N. of creek crossing trail, 18 ft . W. of trail, in top of boulder in place; standard tablet stamped "RS 111937 4784" ..... 4, 783. 863
Reference mark, 50 ft . NE. of tablet, 60 ft . N. of creek crossing trail, 18 ft . E..., of trail, on top of boulder in place; ${ }^{\text {chiseled square }}$ ..... 4, 786.39
Goldstrike, 0.3 mi . NE. of, in front of ranch house of A. M. Little, onE. side of rd., in top of boulder in place; standard tablet stamped"RS 1937 4627"4, 627. 196
Reference mark, 64 ft . S. of tablet, 45 ft . SE. of rd., on top of boulder in place; chiseled square ..... $4,625.90$
Goldstrike, 15 ft . S. of center line of rd. at, 140 ft . SW. of cabin with willow tree standing nearby, on top of boulder in place; chiseled square ..... 4, 583. 10
Goldstrike, $1.0 \mathrm{mi} . \mathrm{SW}$. of, $15 \mathrm{ft} . \mathrm{S}$. of center line of rd., in rock ledge,15 ft . from end of ledge, about 3 ft . above surface of ground; stand-ard tablet stamped "RS 121937 4448"4, 448. 015
Reference mark, 34 ft . NW. of tablet, 30 ft . N. of rd., on top of large boulder in place; chiseled square ..... 4, 445. 42
Goldstrike, 2.0 mi . SW. of, 95 ft . S. of creek crossing rd., 15 ft . W. of rd., on top of large boulder in place; chiseled square ..... $4,330.42$
Goldstrike, 3.3 mi . SW. of, 20 ft . N. of center line of rd., in base of high rock ledge, about 2 ft . above surface of ground; standard tablet stamped "RS 131937 4181" ..... $4,180.414$
Reference mark, 47 ft . N. of tablet, 30 ft . N. of center line of rd., on rock ledge; chiseled square ..... 4, 179. 02Goldstrike, 3.9 mi . SW. of, 30 ft . SE. of rd., at top of first grade S. ofGoldstrike where rd. goes around point of ridge, in base of 12 -in.stunted cedar tree; copper nail and washer4, 323. 13Goldstrike, 5.0 mi . SW. of, about 0.5 mi . E. of East Fork of BeaverDam Wash, at point where rd. descends into wash, on S. side ofcanyon, about 2 ft . abæ̀ve surface of ground, in rock ledge; standardtablet stamped "RS 141937 4171"4, 171. 147
Reference mark, 50 ft . NE. of tablet, on S. side of canyon, on top of large boulder in place; chiseled square ..... 4, 174. 53Goldstrike, 6.0 mi . SW. of, 3.1 mi . NE. of Nordin ranch, about 0.5 mi .N . of rd. summit, on W. side of rd. in canyon, about 4.5 ft . aboveground, on top of rock ledge; chiseled square4, 477. 13Goldstrike, 7.0 mi . SW. of, 2.2 mi . NE. of Nordin ranch, 45 ft . W. ofrd., in rock outcrop; standard tablet stamped "RS 151937 4734"-4, 734. 168
Reference mark, 55 ft . E. of tablet, 40 ft . W. of rd., on top of boulder;chiseled square4, 730. 70
Goldstrike, 8.2 mi . SW. of, 1.0 mi . NE. of Nordin ranch, 40 ft . E. of rd. fork, about 4 ft . above rd. surface, on top of boulder in place;chiseled'square4, 364. 36
Goldstrike, 8.9 mi . SW. of, 1.4 mi . NE. of junction of Goldstrike rd. and St. George-Nelson ranch rd., 0.8 mi . SW. of fork of rd. to Nordin ranch, 15 ft . S. of center line of rd., 8 ft . E. of bitter bush tree, in top of boulder in place; standard tablet stamped "RS 16 1937 4296" ..... 4, 296. 163
Reference mark, 80 ft . E. of tablet, 15 ft . N. of center line of rd., on top of boulder; chiseled square ..... 4, 292. 49
Goldstrike, 10.0 mi . SW. of, 4.2 mi . NE. of Jackson Springs, 220 ft .NE. of junction of St. George-Nelson ranch rd. and rd. N. toGoldstrike, 90 ft . E. of latter rd., 30 ft . SW. of $10-\mathrm{in}$. cedar tree, on.rock outcrop; chiseled square4, 074. 11Jackson Springs, 3.5 mi NW. of, on St. George-Nelson ranch rd.,0.7 mi . SE. of junction of rd. N. to Goldstrike, about 50 ft . W. ofrd. summit, on ridge, 20 ft . N. of center line of rd., in top of boulder;standard tablet stamped "RS 171937 4191"4, 191. 396
Reference mark, 59 ft . E. of tablet, about 50 ft . N. of center line of rd., on top of rock outcrop; chiseled square ..... 4, 192.65
Jackson Springs, 1.5 mi . NW. of, 70 ft . SW . of center line of St. George-Nelson ranch rd., in top of boulder in place; standard tablet stamped "RS 181937 4109" ..... $4,108.850$
Reference mark, 40 ft . N. of tablet, 40 ft . W. of center line of rd., on top of boulder in place; chiseled square ..... 4, 108. 83Jackson Springs, 0.5 mi . NW. of, 55 ft . SW. of center line of rd., atjunction of rd. and wash, about 8 ft . above surface of rd., on top ofrock ledge; chiseled square$4,010.62$
Jackson Springs, 0.5 mi . SE. of, 30 ft . SW. of rd., about 2 ft . above ground, in top of large round boulder in place; standard tablet stamped "RS 191937 3914" ..... 3, 914. 128
Reference mark, 70 ft . from tablet, 70 ft . SW. of rd., on rock; chiseled square ..... 3, 914.02Jackson Springs, 1.4 mi . SE. of, 20 ft . NE. of junction of St. George-Nelson ranch rd. and rd. NE. to Gunlock, on top of boulder setin place; chiseled square3, 980.08
Jackson Springs, 1.4 mi . SE., thence 0.6 mi . N. from, 11.0 mi . SW. ofGunlock, 0.6 mi . N. of junction of St. George-Nelson ranch rd., 35ft. W. of Jackson Springs-Gunlock rd., on opposite side of washfrom rd., about 3 ft . above surface of rd., in base of rock ledge, nearE. end; standard tablet stamped "RS 201937 4014"4, 014. 982
Reference mark, 15 ft . SE. of tablet, on rock ledge; chiseled square _ ..... 4, 013.21
Gunlock, 10.0 mi . SW. of, 35 ft . W. of center line of rd., in base on NE.side of $12-\mathrm{in}$. cedar tree; copper nail and washer4, 093. 51Gunlock, 9.0 mi . SW. of, in SE. angle of rd. crossing wash, 30 ft . SE.of rd., 20 ft . NW. of $12-\mathrm{in}$. cedar tree, in top of boulder in place;standard tablet stamped "RS 2119374174 "4, 174. 198
Reference mark, 55 ft . NE. of tablet, 15 ft . NW. of rd., 45 ft . NE. ofwash, 5 ft . E. of tall cedar tree, on top of boulder in place; chiseledsquare$4,176.29$Gunlock, 8.0 mi . SW. of, 1.0 mi . SW. of crossing of Manganese Wash;35 ft . SW. of rd., 180 ft . NE. of rock 36 ft . high, on E. end of largerock outcrop; chiseled square4, 298. 28

Gunlock, 7.0 mi . SW. of, 0.2 mi . SW. of crossing of Manganese Wash, 25 ft . N. of.rd., just W . of crossing of small wash, in large rock outcrop; standard tablet stamped "RS 221937 4298" 4, 298. 044
Reference mark, 23 ft . N. of tablet, 30 ft . N. of center line of rd., on top of rock outcrop; chiseled square
$4,299.60$
Gunlock, 6.0 mi . SW. of, 0.5 mi . N. of crossing of heavy lead telephone line, on $N$. side of Manganese Wash, 18 ft . S. of rd., on top of large boulder in place; chiseled square

4, 144. 27
Gunlock, 5.0 mi . SW. of, 0.8 mi . S. of crossing of heavy lead telephone line, on S . side of Manganese Wash, 75 ft . N. of rd., 20 ft . E. of $20-\mathrm{in}$. pinion tree, about 4 ft . above ground, on S . side of large sandstone outcrop; standard tablet stamped "RS 231937 4001"

4, 001. 567
Reference mark, 32 ft . SE. of tablet, 45 ft . N. of rd., 8 ft . W. of $6-\mathrm{in}$. piñon tree, cemented in rock outcrop; iron bolt

3, 997.41
Gunlock, 4.0 mi . SW. of, on S . side of Manganese Wash, 22 ft . N. of center line of rd., on top of boulder in place; chiseled square

3, 886. 25
Gunlock, 3.0 mi . SW. of, 18 ft . W. of rd., in top of large boulder set in
place; standard tablet stamped "RS 2419373914 "------------3, 914.379
Reference mark, 35 ft . NE. of tablet, 20 ft . E. of rd., cemented in top of boulder set in place; iron bolt

3, 914.81
Gunlock, 2.0 mi . SW. of, 1.0 mi . SW. of junction of Santa ClaraGunlock rd. and crossing of Santa Clara Creek, 40 ft . E. of rd., about 10 ft . above surface of rd., on top of rock ledge; chiseled square

3, 734. 91
Gunlock, 1.0 mi . SW. of, 100 ft . NW. of crossing of Santa Clara Creek, about 40 ft . higher than crossing elevation, 10 ft . N. of S . edge and in top of rock ledge; standard tablet stamped "RS 251937 3613"-...3, 613. 595
Reference mark, 37 ft . W. of tablet, 130 ft . NW. of rd. crossing Santa Clara Creek, cemented in face of rock ledge; iron bolt

3, 611.02
Gunlock, at front entrance to grade school; top of SE. corner of
bottom concrete step
Gunlock, 1.0 mi . NE. of, 25 ft . NE. of rd., about 10 ft . above surface of rd., in face of rock outcrop; standard tablet stamped "RS 261937 3728"

3, 728. 033
Reference mark, 60 ft . E. of tablet, 25 ft . SE. of rd., on top of large round boulder; chiseled square

3, 727. 45
Gunlock, 2.0 mi . NE. of, 25 ft . NW. of rd., at edge of deep draw, cemented in top of sandstone outcrop; iron bolt
$3,864.39$
Gunlock, 3.3 mi . NE. of, 0.2 mi . NW. of junction of McGatsie's Creek with Santa Clara River, at westernmost point of ridge, 25 ft . N. of rd., about 8 ft . higher than surface of rd., in top of large boulder; standard tablet stamped "RS 271937 3870"

3, 869. 524
Reference mark, 45 ft . E. of tablet, 16 ft . W. of rd., on top of boulder in place; chiseled square

3, 866.33
Gunlock, 4.3 mi . NE. of, 0.7 mi . SW. of junction of Veyo-Gunlock rd. and rd. to Enterprise Reservoir, 15 ft . S. of rd., on top of boulder set in place; chiseled square

3, 967.47
Gunlock, 5.0 mi . NE. of, 3.1 mi . SW. of Veyo, in SE. angle of crossroads, 8 ft . S. of gate, on Biglow ranch rd., about 4 ft . higher than surface of rd., on E. side of McGatsie's Creek, in bench of sandstone bluff; standard tablet stamped "RS 281937 4008"

4, 007. 619
Reference mark, 60 ft . W. of tablet, 18 ft . S. of rd., 4 ft . N. of $14-\mathrm{in}$. e:ottonwood tree, on top of granite boulder; chiseled square

4, 005. 24
Veyo, 2.2 mi . SW. of, at summit of grade at point where rd. descends into McGatsie's Creek, 35 ft . N. of center line of rd., 3 ft . E. of
braced cedar tree used as a fence post, on top of large boulder in place; chiseled square

Feet
4, 341.18
Veyo, 1.0 mi . SW. of, 250 ft . SW. of junction of old rd., 30 ft . S. of center line of rd., 8 ft . S. of small cedar tree, 6 ft . N. of fence; standard tablet stamped "RS 291937 4440"

4, 439. 486
Reference mark, 65 ft . N. of tablet, 40 ft . N. of center line of rd., $1 \mathrm{ft} . \mathrm{S}$. of fence; chiseled square

4, 437. 17
U. S. C. \& G. S. standard disk stamped "L 123 1934"

4, 479. 642
Veyo, in SW. angle of crossroads at, 20 ft . W. of center line of State Highway 18, 80 ft . S. of U. S. C. \& G. S. standard disk "L 123 ," 2 ft . E. of fence, 5 ft . S. of fence corner, on top of boulder set in place; chiseled square
$4,476.31$
Veyo, 1.0 mi . along highway S . of, on top of E . wing of N . head wall of culvert over canal crossing; chiseled square

4, 532.96
U. S. C. \& G. S. standard disk stamped "K 123 1934"

4, 625.673
Veyo, 1.9 mi . S. of, 80 ft . E. of center line of highway, 150 ft . SW. of junction of rd.. W., 230 ft . S. of U. S. C. \& G. S. standard disk "K 123 ," in base on E . side of 6 -in. cedar tree; copper nail and washer . . -

4, 625. 03

> From point 3.1 miles west of Veyo northwest along Veyo-Enterprise Reservoir road to point 4.9 miles south of Enterprise Reservoir (by R. B. Steele in 1938).

Veyo, 4.2 mi . W. of by rd., 1.1 mi . NW. of crossroads, 35 ft . SW. of center line of Veyo-Enterprise Reservoir rd., at summit of first grade NW. of McGatsie's Creek, on top of boulder in place; chiseled square

4, 459. 74
Veyo, 5.1 mi . NW. of, about $55 \mathrm{ft} . \mathrm{SW}$. of center line of rd., at deep draw which heads at $W$. side of rd., in top of boulder in place; standard tablet stamped "RS 3019384544 "

4, 543. 877
Reference mark, 85 ft . S. of tablet, about 35 ft . SW. of center line of rd., on top of boulder in place; chiseled square

4, 539. 15
Veyo, 6.1 mi . NW. of, 40 ft . W. of center line of rd., 55 ft . SE. of cattle guard crossing in Forest Service boundary fence, 5 ft . S. of fence, on boulder in place; chiseled square
$4,667.35$
Veyo, 7.2 mi . NW. of, 55 ft . SW . of center line of rd., in top of boulder in place; standard tablet stamped "RS 311938 4852"

4, 851. 483
Reference mark, 85 ft . E. of tablet, about 15 ft . NE. of rd., on top of boulder in place; chiseled square

4, 850. 20
Veyo, 8.0 mi . NW. of, 35 ft . SW . of center of rd., at summit of ridge which extends southwesterly (about 200 ft . W. of rd. is a knob on ridge, top of which is about 25 ft . higher than benchmark), in base on E. side of 8 -in. cedar tree; copper nail and washer
$5,133.43$
Veyo, 8.5 mi . NW. of, 85 ft . SW. of center line of rd., $1.0 \mathrm{mi} . \mathrm{SW}$. of Cove Wash, 1 ft . N. of small rock cairn, on top of rock outcrop flush with surface of ground; chiseled square
$5,296.84$
Veyo, 9.0 mi . NW. of, 56 ft . NE. of center line of rd., in saddle at first summit of rd. S. of Cove Wash, 8 ft . SE. of small rock cairn, in rock ledge outcrop; standard tablet,stamped "RS 321938 5299"

5, 299. 028

Veyo, 10.1 mi . NW. of, in Cove Wash, 20 ft . SW. of center line of rd., in base on N. side of 6 -in. cedar tree; copper nail and washer

5, 125. 02

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Veyo, 10.9 mi . NW. of, 22 ft . SW. of center line of rd., at summit of
    grade where rd. passes around high point on S. side of Cove Wash,
    on S . side of triangle formed by three oak trees, about 4 in . above sur-
    face of ground, in boulder in place; standard tablet stamped "RS 33
    1938 5323"
    5, 323. 446
Reference mark, 60 ft . NW. of tablet, 65 ft . SW. of center line of rd.,
    on top of boulder in place; chiseled square
    5, 320. 80
Veyo, 11.6 mi . NW. of, about 500 ft . SE. of General Steam Corporation mining camp, in center of wooden bridge over Cove Creek on Veyo-Enterprise Reservoir rd. near rd. fork; bridge floor
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Veyo, 11.9 mi . NW. of, 40 ft . SW . of center line of rd., about 8 ft . lower than surface of rd., on top of rock outcrop; chiseled square
5, 559. 96
Veyo, 12.9 mi . NW. of, 1.3 mi . NW. of General Steam Corporation mining camp, 0.3 mi . SE. of summit of grade of rd., 100 ft . SW . of center line of rd., in top of prominent rock outcrop, about 3 ft . above surface of ground; standard tablet stamped "RS 34.19386017 "-- 6, 017. 147
Reference mark, 40 ft . NW. of tablet, 140 ft . SW. of center line of rd., on top of rock outcrop; chiseled square
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Veyo, 13.2 mi . NW. of, at summit of grade of rd., on high ridge \(S\). of Moody Creek, 15 ft . NE. of center line of rd., on top of boulder in place; chiseled square
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Veyo, 13.9 mi . NW. of, 1.0 mi . SE. of crossing of Moody Wash, 46 ft . NE. of rd., on E. side of deep draw, on top of boulder in place; chiseled square
\(5,816.74\)
Veyo, 14.9 mi . NW. of, 7.7 mi . NE. of Goldstrike, 2.4 mi . NE. of General Steam Corporation mining camp, about 0.1 mi . N. of bridge over stream in Moody Wash, 65 ft . SW. of Veyo-Enterprise Reservoir rd., 100 ft . NW. of rd. fork, in top of sandstone outcrop; standard tablet stamped "RS 351938 5161".
5, 461. 190
Reference mark, 25 ft . S. of tablet, 80 ft . SW. of rd., 90 ft . NW. of rd. fork, cemented in sandstone outcrop; bolt
5, 461. 74
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## GUNNISON BUTTE QUADRANGLE

[Latitude $39^{\circ} 00^{\prime}-39^{\circ} 15^{\prime}$; longitude $110^{\circ} 00^{\prime}-110^{\circ} 15^{\prime}$ ]
EMERY AND GRAND COUNTIES

> From Beckwith Peak quadrangle southeast along Denver \& Rio Grande Western Railroad into Tidwell quadrangle (by L. F. Biggs in 1910; leveled twice)

Greenriver, 2.2 mi . W. of, in E. end of S. abutment of R. R. bridge 557-A; aluminum tablet stamped "4142 54" (recovered by U. S. C. \& G. S. in 1927)

4, 144. 450

## HARPER QUADRANGLE

[Latitude $39^{\circ} 45^{\prime}-40^{\circ} 00^{\prime}$; longitude $110^{\circ} 00^{\prime}-110^{\circ} 15^{\prime}$ ]
CARBON AND DUCHESNE COUNTIES

> From Duchesne quadrangle along road southeast to point 1.3 miles north of Smith's Well, thence northeast and back into Duchesne quadrangle (by G. W. Moore in 1934)

[^37]Feet
Reference mark, 44 ft . SE. of tablet, on buried boulder; chiseled square_ 6, 144.46
Smith's Well, 2.1 mi . NE. of, 130 ft . SE. of rd. fork, 30 ft . SE. of rd.,at top of hill, on rock outcrop; chiseled square6, 436. 75
Smith's Well, 3.1 mi . NE. of, 10.3 mi . SW. of Castle Peak Well, 0.2 mi .S. of rd. fork, in saddle at top of hill, 25 ft . E. of rd., in rock outcrop;standard tablet stamped "Mi 801934 6351"6, 351. 988
Reference mark, 67 ft . N. of tablet, 11 ft . E. of rd., on rock outcrop;chiseled square6, 349. 88
HAYDEN PEAK QUADRANGLE ${ }^{47}$
[Latitude $40^{\circ} 30^{\prime}-41^{\circ} 00^{\prime}$; longitude $110^{\circ} 30^{\prime}-111^{\circ} 00^{\prime}$ ]
dUCHESNE, SUMMIT, AND WASATCH COUNTIES
From Utah-Wyoming State line bordering sec. 18, T. 3 N., R. 10 E., south along road by way of Bear River and Hayden Fork to sec. 24, T. 1 N., R. 9 E., thence northwest along winding road by way of headwaters of West Fork and Yellow Creek to sec. 18, T. 3 N., R. 9 E. (by E. O. Hills in 1898)
T. 3 N., R. 10 E., sec. $30,0.2 \mathrm{mi}$. SE. of mouth of West Fork, 5 ft . W. of rd., on E. bank of Bear River; standard iron post with bronze cap stamped "8038 EVAN" ..... 8, 040.257
T. 3 N., R. 10 E., sec. $31,1.0 \mathrm{mi}$. SW. of mouth of West Fork, 500 ft .NW. of Bear River, on W. side of rd.; standard iron post with bronzecap stamped "8106 EVAN"8, 108. 414
T. 2 N., R. 10 E., sec. $9,3.2 \mathrm{mi}$. SE. of mouth of West Fork, 0.5 mi . E. of Bear River, at crossroads, in large white flint rock; copper bolt stamped "8327 EVAN" ..... 8, 329. 099
T. 2 N., R. 10 E., sec. 17, 180 ft. E. of mouth of East Fork; standard iron post with bronze cap stamped " 8330 EVAN" ..... 8, 331. 602
T. 2 N., R. 10 E., sec. 20, about 2 mi. N. of mouth of Stillwater Fork, 0.2 mi . E. of Bear River; standard iron post with bronze cap stamped "8418 EVAN" ..... $8,420.157$T. 2 N., R. 10 E., sec. $32,0.8 \mathrm{mi}$. S. of mouth of Hayden Fork, 12 ft . E.of rd., 300 ft . from two old cabins, on E. bank of stream; standardiron post with bronze cap stamped " 8587 EVAN"8, 588.638T. 1 N., R. 10 E., sec. 4, 1.2 mi . SE. of mouth of Hayden Fork, 10 ft .W. of rd., on E. bank of Stillwater Fork; standard iron post withbronze cap stamped "8661 EVAN"8, 663. 499
T. 1 N., R. 10 E., sec. 15, 3.6 mi . SE. of mouth of Hayden Fork, on E. bank of Stillwater Fork; standard iron post with bronze cap stamped "8792 EVAN" ..... 8, 794. 228
T. 1 N., R. 10 E., sec. 7., about 3 mi . from Bear River ford, on W. bank of Hayden Fork, S. of junction of rd. W.; standard iron post with bronze cap stamped "8805 EVAN" ..... $8,806.786$
T. 1 N., R. 9 E., sec. 24, about 6 mi. SW. of mouth of Hayden Fork, on W. bank, about 2 mi . from bridge, 12 ft . E. of rd.; standard iron post with bronze cap stamped "9048 EVAN" ..... $9,050.457$
T. 1 N., R. 9 E., sec. 13 , about 7.3 mi . by route SW . of mouth of Hayden Fork, 25 ft . SE. of rd., 8 ft . N. of large splintered rock; standard tablet stamped "9466 EVAN" ..... 9, 441. 638
T. 1 N., R. 8 E., sec. 14, about 2 mi. NW. of Hayden Fork, 0.8 mi. E.of high divide between Hayden and West Forks; standard ironpost with bronze cap stamped " 9555 EVAN"$9,530.843$

[^38]T. 1 N., R. 9 F., sec. 15, about 2 mi . E. of Summit Pass over Uinta Mtns. at head of Weber River, about 3 mi . NW. of Hayden Fork, on top of divide between Hayden Fork and Deer Creek Valleys, 6 ft . W. of rd.; standard iron post with bronze cap stamped " 9960 EVAN"

Feet
9, 936. 250
T. 2 N., R. 9 E., sec. 33,160 yd. S. of W. branch of Deer Creek, in Deer Creek Valley; standard iron post with bronze cap stamped "9000 EVAN"

8, 976.371
T. 2 N., R. 9 E., sec. 19, 1.8 mi . S. of old Moss sawmill, 1.0 mi . N. of old site of mill, 0.1 mi . W. of W. branch of Deer Creek, about 200 yd. E. of circular grove of pine trees, 25 ft . S. of rd.; standard iron post with bronze cap stamped " 9460 EVAN".

9, 436. 055
T. 2 N., R. 9 E., sec. $17,200 \mathrm{ft}$. S. of new Moss sawmill, 12 ft . N. of southernmost cabin near sawmill; standard iron post with bronze cap stamped "9193 EVAN"

9, 169. 023
T. 3 N., R. 9 E., sec. 31, in SE. angle of rd. fork, 21 ft . W. of Yellow Creek rd. over divide to Deer Creek Valley and sawmill, 45 ft . W. of ford over west branch of Yellow Creek; standard iron post with bronze cap stamped " 8237 EVAN"

8, 213. 104
T. 3 N., R. 9 E., sec. 18, 15 ft . E. of junction of Yellow Creek rd. and rd. W. to Bear River, 0.1 mi . W. of Yellow Creek, 3.0 mi . SE. of point where Emigrant rd. crosses Yellow Creek, 200 yd. NE. of grove of quaking aspen trees, on W. side of rd., on opposite side of creek from and 0.5 mi . W. of long bare-topped hill; standard iron post with bronze cap stamped "7608 EVAN"

7, 584. 253

> From sec. 9, T. 1 N., R. 9 E. near divide between Bear and Weber River Valleys, southwest along road into Coalville quadrangle at point in sec. 23 , T. 1 N., R. 8 E. (by E. O. Hills in 1898)
T. 1 N., R. 9 E., sec. 8, 1.0 mi . NE. of Summit Pass at head of fork of Weber River, 300 yd . N. of lake, 100 ft . N. of small spring near lone balsam tree, 8 ft . W. of wagon rd., near rocky ravine, in large rock; standard tablet stamped "9533 EVAN"

9, 509. 362
T. 1 N., R. 9 E., sec. 17, in Summit Pass, 0.2 mi . S. of bare roundtopped hill, $200 \mathrm{yd} . \mathrm{S}$. of abandoned coal mine; standard iron post with bronze cap stamped "9989 EVAN"

9, 965. 201
T. 1 N., R. 9 E., sec. $18,0.2 \mathrm{mi}$. N. of Summit Pass, $0.8^{\circ} \mathrm{mi}$. N. of baldtopped rocky peak with many rock slides on E. side, on summit of green bald hill; standard iron post with bronze cap stamped "10402 EVAN"
$10,404,318$
T. 1 N., R. 9 E., sec. $18,0.2 \mathrm{mi}$. W. of Summit Pass, 5 ft . S. of rd., 1.0 mi. N. of second of three high rocky peaks, in rock; standard tablet stamped "9834 EVAN"-

9, 835. 737
T. 1 N., R. 9 E., sec. 18, 1.0 mi. W. of Summit Pass, 0.5 mi . SW. of rough ledge of yellow rocks above grove of pine trees, 12 ft . S . of rd.; standard iron post with bronze cap stamped " 9222 EVAN"-- 9, 224. 263

[^39]
From Utah-Wyoming State line bordering sec. 17, T. 3 N., R. 12 E., along road southwest to Fish Lake, thence southeast about 2 miles along trail, thence northeast and north along road following Blacks Fork into Wyoming (by E. W. Glafcke in 1901)

T. 2 N., R. 11 E., sec. 1, 950 ft . SE. of Fish Lake, 20 ft . E. of rd. in timber, 300 ft . SE. of $\log$ cabin, in large boulder; aluminum tablet

T. 2 N., R. 12 E., sec. 5, 3.0 mi . SE. of Fish Lake, 1.2 mi . NE. of junction of Fish Lake trail and Blacks Fork rd., in boulder beside mound of rocks; aluminum tablet stamped " 9081 EVAN".--- -
T. 3 N., R. 12 E., sec. 28, 0.8 mi . N. of junction of Blacks Fork rd. and rd. SE., 40 ft . E. of rd., 500 ft . N. of small slough or park, 150 ft . W. of river, in large boulder; standard tablet stamped " 8816 EVAN"

8, 817. 990
From sec. 34, T. 3 N., R. 12 E. near mouth of East Fork of Blacks Fork east along road into Gilbert Peak quadrangle (by E. W. Glafcke in 1901)
T. 3 N., R. 12 E., sec. 36, at W. edge of summit of divide between Blacks Fork and Smiths Fork, 10 ft . N. of rd.; standard iron post with bronze cap stamped " 9900 EVAN"

9, 901. 333
From Gilbert Peak quadrangle at sec. 32, T. 2 N., R. 13 E., west along trail 1.5 miles, thence northwest along trail and road to mouth of East Fork of Blacks Fork (by E. W. Glafcke in 1802)
T. 2 N., R. 12 E., sec. 36, 800 ft . SE. of junction of E. and W. forks of East Fork of Blacks Fork, 750 ft . NE. of ford, on E. side of rd., in small park, in large boulder; standard tablet stamped " 9363 EVAN"

9, 364. 778
HIAWATHA QUADRANGLE
[Latitude $39^{\circ} 15^{\prime}-39^{\circ} 30^{\prime}$; longitude $111^{\circ} 00^{\prime}-111^{\circ} 15^{\prime}$ ]
CARBON, EMERY, AND SANPETE COUNTIES
From Poison Spring quadrangle southwest along abandoned Southern Utah
Railroad to Blackhawk, thence north along Utah Railway into Scofield
quadrangle (by Cornelius Schnurr in 1914)

Blackhawk, 0.6 mi . E. of, at Castle Junction, in signpost; spike $-\ldots$.-. 7, 060.91
Blackhawk, 0.2 mi . N. of, at N. end of Utah Ry. bridge; top of rail_ 7, 174. 6
Blackhawk, in concrete base of water tank; standard tablet stamped " 7181 " (recovered in 1923)
$7,181.855$
From Scofield quadrangle southeast along approximate route of present State Highway 31 into Poison Creek quadrangle (by K. K. Kimball in 1923) ${ }^{48}$
"The Forks" (junction of main fork and west fork of Huntington Creek), 0.2 mi . SE. of mouth of West Fork, in sec. 20, T. $15 \mathrm{~S} ., \mathrm{R}$. 7 E., at first curve in rd. below "The Forks," in large sandstone boulder; standard tablet stamped "7629" (recovered in 1938)......

7, 631. 787

[^40]T. 15 S., R. 7 E., sec. 32, 1.3 mi. NW. of mouth of Crandall Canyon, 100ft . S. of wooden bridge over Huntington Creek, on E. side of rd., inFeet
front of large boulder; iron pipe ..... 7, 474. 20
T. 16 S., R. 7 E., sec. $4,800 \mathrm{ft}$. NW. of mouth of Crandall Canyon, at SW. side of rd., on sandstone boulder; chiseled cross ..... 7, 360. 61
T. 16 S., R. 7 E., sec. $9,1,500 \mathrm{ft}$. SE. of mouth of Tie Fork Canyon, on W. side of rd., in large sandstone boulder; standard tablet stamped "7258" ..... 7, 260. 130
T. 16 S., R. 7 E., sec. 16, 1.2 mi . NW. of mouth of Mill Fork Canyon, on W. side of rd., between rd. and creek, on large sandstone boulder; chiseled cross ..... 7, 114. 01
T. 16 S., R. 7 E., sec. $22,1,200 \mathrm{ft}$. N. of bridge at junction of Mill Fork Canyon rd., on sandstone boulder; chiseled cross ..... 7, 009. 56
T. 16 S., R. 7 E., sec. 22, opposite mouth of Rilda Canyon, near Trail Canyon, in sandstone boulder; standard tablet stamped " 6930 ".- ..... 6, 932. 280
T. 16 S., R. 7 E., sec. 26, at Birch Spring, on sandstone boulder; chiseled cross ..... 6, 791. 74
T. $16 \mathrm{~S} .$, R. 7 E., sec. 35 , in gate in front of Bear Creek ranger sta.; standard tablet stamped " 6582 " ..... 6, 581. 416T. 16 S., R. 7 E., sec. 36, 45 ft . NE. of rd., opposite Howard farm, inroot of pine tree; copper nail and washer6, 408.95
T. 17 S., R. 8 E., sec. 6, just N. of dugway, at W. side of rd., on large sandstone boulder; chiseled cross ..... 6, 299. 46
T. 17 S., R. 8 E., sec. 5, about 0.4 mi. NW. of Fish Creek, just S. offield of John Marshall, on W. side of rd., in sandstone boulder;standard tablet stamped " 6169 "$6,167.948$
T. 17 S., R. 8 E., sec. 9, opposite farm of J. P. Brockbank, 10 ft . W. of rd., on sandstone boulder; chiseled cross ..... 6, 046.55Huntington, 5.0 mi. NW. of, in sec. 15, T. 17 S., R. 8 E., 200 ft . N. oflast bridge over irrigation ditch, 40 ft . W. of rd., in sandstoneboulder; standard tablet stamped " 5918 "5, 916.510
KYUNE QUADRANGLE
[Latitude $39^{\circ} 45^{\prime}-40^{\circ} 00^{\prime}$; longitude $110^{\circ} 45^{\prime}-111^{\circ} 00^{\prime}$ ]
CARBON, UTAH, DUCHESNE, AND WASATCH COUNTIES
From Soldier Summit quadrangle southeast along Denver \& Rio Grande Western Railroad into Castlegate quadrangle (by L. F. Biggs in 1010; leveled twice)

Colton, 2.7 mi . SE. of, 2.5 mi . NW. of Kyune, 10 ft . W. of milepost 137, on E. side of track, in concrete culvert over drain; aluminum tablet stamped " 7100 30"7, 096.535

Kyune, 200 ft . S. of telegraph office, in'W.'wing wall of N. abutment of bridge 638-B; standard tablet stamped "7012 31" (recovered by U. S. C. \& G. S. in 1927)7, 014. 146

Kyune, 5.0 mi . SE. of, 3.7 mi . NW. of Castlegate, 60 yd . SE. of milepost 634, 50 ft . E. of track, in sandstone boulder; standard tablet stamped "6519 32" (recovered by U. S. C. \& G. S. in 1927)
$6,521.998$

> From Ninemile Creek quadrangle 3 miles northwest of Big Summit along roads northwest and west by way of Matts Summit to Kyune (by L. B. Glasgow in 1012) ${ }^{49}$

Big.Summit, 3.3 mi . W. of, 50 ft . N. of rd. at crossing of Summit Creek; oblong stone buried in ground

[^41]Willow Creek, 0.5 mi . W. of, on W. end of first rail W. of crossing; top ..... Feet of rail ..... 7, 175. 2
Big Summit, 5.4 mi . W. of, 0.5 mi . W. of Willow Creek along rd. to Colton, 50 ft . SE. of R. R. crossing; standard iron post with bronze cap stamped "7173 CS" ..... 7, 173. 722
Matts Summit, 200 ft . S. of rd.; standard iron post with bronze cap stamped "7453 CS" ..... 7, 453. 769
T. 12 S., R. 9 E., closing cor. secs. 2 and 3, on Carbon-Utah county line; top of iron post with General Land Office cap stamped "T. 11 S., R. 9 E., secs. 34 and 35, C. C. secs. 2 and 3, T. 12 S., R. 9 E." and "7244 CS" ..... 7, 244. 567
LA VERKIN QUADRANGLE
[Latitude $37^{\circ} 00^{\prime}-37^{\circ} 30^{\prime}$; longitude $113^{\circ} 00^{\prime}-113^{\circ} 30^{\prime}$ ]
WASHINGTON COUNTY
From Cedar City quadrangle southwest along U. S. Highway 91 to Anderson, thence generally southeast along State Highway 15 into Orderville quadrangle (first-order leveling by E. E. Harris in 1928)
Kanarraviile, 4.7 mi . SW . of, 0.5 mi . S. of Iron-Washington county line, 12 ft . E. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... $5,199.08$
Kanarraville, 5.6 mi . SW. of, 27 ft . N. of N. bank of Dry Creek, 32 ft .E. of center line of highway, in lava outcrop; standard tabletstamped "1928 H 4"5, 126. 784
Reference mark, 69 ft . S. of tablet, on top of W. end of N. concrete abutment of bridge over Dry Creek; chiseled square ..... $5,125.54$
Kanarraville, 6.7 mi . SW. of, 12 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 4, 991.82
Kanarraville, 7.8 mi . SW. of, 0.2 mi . N. of junction of T-rd. W. to New Harmony, 14 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 4, 852. 64
Kanarraville, 8.7 mi . SW. of, 6.7 mi . NE. of Pintura post office, 114 ft . N. of N. end of concrete bridge over Ash Creek, 26 ft . W. of center line of highway, in lava boulder; standard tablet stamped "1928 H 5" ..... 4, 745. 784
Reference mark, 114 ft . $\mathrm{S} .20^{\circ} \mathrm{W}$. of tablet, on NE. corner of W. wall of concrete bridge over Ash Creek; chiseled square ..... 4, 746. 59
Pintura, 5.6 mi . NE. of, 600 ft . N. of summit of grade, 24 ft . E. of curve in highway, on lava boulder; chiseled square ..... $4,858.73$
Pintura, 4.5 mi . NE. of, 12 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... $4,691.31$
Pintura, 3.7 mi . NE. of, 29 ft . W. of center line of highway, in large lava boulder; standard tablet stamped " 1928 H 6" ..... 4, 545. 391
Reference mark, 117 ft . S. of tablet, on lava boulder; chiseled square_ 4, 537. 79
Pintura, 2.8 mi . NE. of, 13 ft . W. of center line of highway, in centerof top of concrete wall of culvert; chiseled square$4,297.37$
Pintura, 1.7 mi . NE. of, about 100 ft . NE. of dwelling, 15 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 4, 233.28
Pintura, 0.6 mi . NE. of, just S . of junction of old rd., 44 ft . E. of center line of highway, 17 ft . W. of fence line, in lava ledge; standard tablet stamped " 1928 H 7" ..... 4, 086.983
Reference mark, 73 ft . S. $15^{\circ} \mathrm{W}$. of tablet, on lava boulder; chiseled square ..... 4, 085.09
Pintura, $0.3 \mathrm{mi} . \mathrm{SW}$. of, 13 ft . W. of center line of highway, in center ..... Feet of top of concrete wall of culvert; chiseled square ..... 4, 092. 83
Pintura, $1.2 \mathrm{mi} . \mathrm{SW}$. of, 13 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 4, 059. 80
Pintura, 2.2 mi . SW. of, 1.9 mi . NE. of Anderson ranch, 100 ft . N. of small concrete bridge over drain, 52 ft . NW. of center line of high- way, in lava ledge; standard tablet stamped "1928 H 8"---...- ..... 4, 016. 764
Anderson ranch, 0.9 mi . N. of, 250 ft . S. of sharp curve, 15 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 3, 846.41
Anderson, 0.4 mi . S. of Anderson ranch, at junction of State Highway 15, in concrete post; standard tablet stamped "1928 H 10"-..-- ..... 3, 790. 370
Anderson, $0.6 \mathrm{mi} . \mathrm{S}$. of, 2.2 mi . N. of Toquerville School, 15 ft .S. of center dine of highway, in center of top of concrete wall ofculvert; chiseled square3, 743. 88
Toquerville, 1.2 mi . N. of, 15 ft . W. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 3, 528. 26
Toquerville, 0.5 mi . N. of, 71 ft . S. of center line of bighway at sharp bend, 22 ft . SW. of fence line, in lava boulder; standard tablet stamped "1928 H 11". ..... 3, 394. 25
Reference mark, 77 ft . N. of tablet, in center of top of concrete wall of culvert; chiseled square ..... 3, 396. 73
Toquerville School, at N. entrance to grounds, on concrete wall of balustrade; chiseled square ..... 3, 370.80
Toquerville, 1.0 mi . SE. of, 22 ft . E. of rd. junction, on slope of hill, 2 ft . above highway level, on boulder; chiseled square ..... 3, 335. 38
Toquerville, 1.5 mi . SE. of, 46 ft . S. of rd. fork, on prominent lava boulder; chiseled square ..... 3, 275.68
Toquerville, 2.3 mi . SE. of, 68 ft . E. of curve in highway, 25 ft . E. of fence line, on NW. side of small bridge, in lava boulder; standard tablet stamped "1928 H 12". ..... 3, 117. 930
Reference mark, 121 ft . S. of tablet, on lava boulder; chiseled square - ..... 3, 115. 70
Toquerville, 3.2 mi . SE. of, 50 ft . E. of junction of State Highway 59,18 ft . N. of center line of highway, 37 ft . E. of gatepost, 2 ft . N. offence line, on boulder set flush with ground; chiseled square3. 253.48
Toquerville, 3.2 mi . SE., thence 0.7 mi . E. from, at point of cliff, 100 ft . E. and 7 ft . S. from center line of highway at sharp curve, on small ledge; chiseled square ..... 3, 423.25
Toquerville, 3.2 mi . SE., thence 1.2 mi . E. from, 27 ft . W. of sharp curve in highway on slope of hill, at stone culvert, on rock ledge; chiseled square ..... $3,637.47$
Toquerville, 3.2 mi . SE., thence 1.6 mi . E. from, 4.1 mi . W. of Vir- gin, on highest point of rd. over La Verkin Mountain, 44 ft . S. of highway, in concrete post; standard tablet stamped "1928 H 13". ..... 3, 756. 124
Virgin, 3.3 mi . W. of, 125 ft . S. of creek, 12 ft . E. of center line of high- way, on N. end of large lava boulder; chiseled square ..... 3, 610.79
Virgin, $2.2 \mathrm{mi} . W$. of, 21 ft . S. of center line of highway at summit of short grade, on N. end of rock ledge; chiseled square ..... 3, 565. 79Virgin, 1.3 mi . W. of, 66 ft . W. of junction of second-class rd. S., 38ft. S. of center line of highway, in concrete post; standard tabletstamped "1928 H 14"3, 555. 705
$\mathbf{V i r g i n}, 0.8 \mathrm{mi}$. W. of, 28 ft . N. of center line of highway, on large lava boulder; chiseled square ..... 3, 564. 66
Virgin, 73 ft . E. of junction of rd. S., 30 ft . S. of highway opposite Camp Mohauk, 2 ft . S. of fence line, in concrete post; standard tablet stamped "1928 H 15" ${ }^{50}$tablet stamped " 1928 H 15" 503, 549. 960
Reference mark, $47 \mathrm{ft} . \mathrm{N} .25^{\circ} \mathrm{W}$. of tablet, on large boulder; chiseled square ..... 3, 550. 16
Virgin, 0.9 mi . E. of, 22 ft . N. of curve S. in highway, 112 ft . E. of rd.fork, on large boulder set flush with ground; chiseled square$3,655.47$
Virgin, 1.6 mi . E. of, at highway bridge over North Creek, in center oftop of S . end of E . abutment of bridge; chiseled square3, 548. 16
Virgin, 2.4 mi . SE. of, 14 ft . E. of junction of old rd. just E. of draw,40 ft . S. of center line of highway, in lava outcrop; standard tabletstamped "1928 H 16"3, 563. 989
Reference mark, 79 ft . N. $65^{\circ} \mathrm{W}$. of tablet, on rock ledge; chiseled square ..... 3, 556. 68
Virgin, 3.3 mi . SE. of, 14 ft . N. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 3, 574. 76
Virgin, 4.4 mi . SE. of, 17 ft . S. of center line and 4 ft . below level ofhighway, in center of top of concrete wall of culvert; chiseledsquare3, 587. 12
Virgin, 5.2 mi . SE. of, 5.4 mi . NW. of Rockville, at E. ènd of wooded camp site, 40 ft . S. of center line of highway, in concrete post; standard tablet stamped "1928 H 17" ..... $3,595.190$
Reference mark, $147 \mathrm{ft} . \mathrm{N} .65^{\circ} \mathrm{E}$. of tablet, in center of top of con- crete wall of culvert; chiseled square ..... 3, 593.95
Rockville, 4.6 mi . NW. of, 12 ft . N. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 3, 626.82
Rockville, 3.6 mi . NW. of, 13 ft . N. of center line of highway, in center of top of concrete wall of culvert; chiseled square ..... 3, 645.96Rockville, 2.7 mi . NW. of, 33 ft . E. of junction of rd. S. to Grafton,32 ft . S. of center line of highway, in concrete post; standard tabletstamped "1928 H 18"3, 665. 793
Reference mark, 129 ft . N. $45^{\circ} \mathrm{W}$. of tablet, on E. end of N. rail of concrete bridge; chiseled square ..... 3, 668. 09Rockville, 1.8 mi . NW. of, 14 ft . S. of center line of highway at summitof long grade, in center of top of concrete wall of culvert; chiseledsquare3, 815.43Rockville, at W. end of town, 14 ft . N. of center line of highway, incenter of top of concrete wall of culvert; chiseled squareRockville, 36 ft . W. of junction of State Highway 16, 72 ft . S. ofcenter line of highway, 20 ft . S. and 2 ft . W. from fence corner, inconcrete post; standard tablet stamped "1928 H 19"3, 746. 577
Rockville, at E. end of town, on E. side of Terry Camp, 79 ft . N. ofcenter line of highway, 18 ft . N. of fence, 5 ft . E. of SE. corner ofcabin, on W . slope of hill, in sandstone ledge; standard tabletstamped " 1928 H 20 "3, 760. 239
Rockville, 0.6 mi . NE. of, on E. end of S. wall of concrete bridge over drain; chiseled square ..... 3, 758. 56
Rockville, 1.3 mi . NE. of, 100 ft . W. of junction of rd. E. to cliffdwellings, 16 ft . N. of center line of highway, in center of top ofconcrete wall of culvert; chiseled square3, 776. 20
Rockville, 2.3 mi . NE. of, 1.0 mi . SW. of Springdale, 15 ft . N. ofcenter line of highway, in center of top of concrete wall of culvert;chiseled square3, 810.68

[^42]
# From Diamond Butte, Ariz., quadrangle at point on Utah-Arizona State line about 3 miles northwest of Short Creek, Ariz., west along State line 2 miles, thence northwest along road by way of Hurricane to point on State Highway 

 15, 1.7 miles north of La Verkin (by E. E. Harris in 1934)Utah-Arizona State line; top of iron post with General Land Office cap stamped "T. 43 S., R. 10 W., secs. 31 and 321909 Utah- ..... Feet
Arizona" ..... 4, 973. 29
Utah-Arizona State line; milepost 57 M ..... $4,964.50$
Utah-Arizona State line; top of iron post with General Land Office cap stamped "T. 43 S., Rs. 10 and 11 W., secs. 31 and 361909 Utah-Arizona" ..... 4, 886.89
Utah-Arizona State line; milepost 56 M ..... $4,868.10$
Utah-Arizona State line; top of iron post with General Land Office cap stamped "T. 42 N., R. 7 W., secs. 33 and 34 • 1916 Arizona" - ..... $4,826.15$
Hurricane, about 23 mi . SE. of post office, 0.5 mi . N., thence 4.4 mi .W. from Short Creek School, 77 ft . S. of section corner post, 77 ft .W. of center line of rd., 1 ft . E. of line fence, in concrete post;standard tablet stamped " 1934 H 46 4796"$4,796.347$
Reference mark, 77 ft . N. of tablet; top of iron post with General Land Office cap stamped "T. 43 S., R. 11 W., secs. 35 and 361909 "---Hurricane, about 22 mi . SE. of, on NE. side of curve in rd. at summitof grade, on E. side of line fence, on SW . side of prominent rockledge; chiseled square$4,824.36$
Hurricane, about 21 mi . SE. of, 44 ft . SW. of center line of rd. at sum- mit of grade, 50 ft . NE. of line fence, in rock ledge; standard tablet stamped "1934 H 11 4808" ..... 4, 808. 237
Reference mark, 160 ft . E. of tablet, on rock ledge; chiseled square ..... 4, 800. 17
General Land Office iron post with cap stamped "T. 43 S., R. 11 W., secs. $22,23,26$, and 27 1909" ..... 4, 789. 84
Hurricane, about 20 mi . SE. of, on NE. side of rd. at summit of grade, on sloping surface of large boulder; chiseled square ..... 4, 838. 36
Hurricane, about 19 mi . SE . of, 35 ft . W. of center line of rd. at summit of grade, in rock ledge; standard tablet stamped " 1934 H 12 4860". 4, 860. 018
Reference mark, $385 \mathrm{ft} . \mathrm{N} .15^{\circ} \mathrm{W}$. of tablet; on W. side of rd., on rock ledge; chiseled square ..... 4, 859. 97
Hurricane, 18.6 mi : SE. of, 40 ft . E. of Gallagher rd. fork, in wash, on large rock ledge; chiseled square. ..... 4, 870. 39
Hurricane, 18.0 mi . SE. of, 120 ft . N. of Y-rd. fork, on stone post; chiseled square ..... $4,900.42$
Hurricane, 16.7 mi . SE. of, 27 ft . W. of center line of rd . at summit of slight grade, in large rock ledge; standard tablet stamped " 1934 H 13 4866" ..... 4, 865.881
General Land Office iron post with cap stamped " $1 / 4$ cor. secs. 5 and 8 1909" ..... 4, 843. 77
Hurricane, 15.3 mi . SE. of, on E. side of rd., 25 ft . N. and 2 ft . E. from T-angle in line fence, on stone post; chiseled square ..... $4,830.33$
Hurricane, 14.6 mi . SE. of, at curve, 26 ft . W. of center line of rd. along W. bank of wash, in rock ledge; standard tablet stamped " 1934 H 14 4798' ..... 4, 798. 483
Reference mark, 255 ft . N. of tablet, on W. side of rd., on rock ledge; chiseled square ..... 4, 794. 96
General Land Office iron post with cap stamped "T. 42 S., R. 11 W., secs. 29, 30, 31, and $32 \cdot 1909^{\prime \prime}$ ..... 4, 777. 37
127289—40--8

Hurricane, 13.0 mi . SE. of., on W. side of rd., 40 ft . N. and 1 ft . E. from Feet T-angle in line fence, on stone post; chiseled square.-.-..-.-....-
urricane, 12.4 mi . SE. of, 33 ft . SE. of junction of private rd. through gate, 26 ft . NE. of center line of rd., in concrete post; standard tablet stamped "1934 H 15 4734"
$4,734.497$
Hurricane, 11.4 mi . SE. of, 60 ft . N. of rd., on large boulder; chiseled square

4, 650. 02
Hurricane, 10.4 mi . SE. of, 42 ft . N. of center line of rd., at curve, 2 ft . S. of angle in line fence, in stone post; standard tablet stamped "1934 H 16 4609"

4, 609. 244
Hurricane, 9.4 mi . SE. of, 40 ft . N. of curve in rd., on stone post; chiseled square
$4,595.16$
Hurricane, 8.4 mi . SE. of, about 800 ft . W. of wash, 47 ft . N. of center line of rd. at summit of grade, in volcanic boulder; standard tablet stamped "1934 H 17 4515"
$4,514.867$
Reference mark, 227 ft . W. of tablet, on N. side of rd., on boulder; chiseled square
$4,507.63$
Hurricane, 7.5 mi . SE. of, 35 ft . S. of curve in rd. at summit of grade, on volcanic boulder; chiseled square

4, 429.75
Hurricane, 6.7 mi . SE. of, 39 ft . SW. of center line of rd. at summit of grade, in concrete post; standard tablet stamped " 1934 H 17 4336". 4, 336. 227
General Land Office iron post with cap stamped "T. 42 S., R. 12 W., secs. $19,20,29$, and $30 \quad 1909^{\prime \prime}$

4, 313.90
Hurricane, 5.7 mi . SE. of, on E. side of rd. at summit of grade, 4 ft . E. of rd. sign, in stone post; chiseled square

4, 274. 53
Hurricane, 4.7 mj . SE. of, 80 ft . S. of culvert at curve in rd., 39 ft . SW. of center line of rd., 37 ft . SE. of angle post in line fence, in concrete post; standard tablet stamped " 1934 H 19 4120"

4, 119. 604
Hurricane, 3.7 mi . SE. of, on NE. side of curve in rd., in wash, on large flat boulder; chiseled square

4, 036.93
Hurricane, 2.5 mi . SE. of, 42 ft . NE. of center line of rd. at summit of grade, in concrete post; standard tablet stamped " 1934 H $20 \quad 3981$ ". 3, 981. 312
Hurricane, 1.8 mi . SE. of, 50 ft . S. of center line of rd. at summit of steep grade, on rock ledge; chiseled square

4, 012.61
Hurricane, 1.2 mi . SE. of, 35 ft . S. of center line of curve in rd., on E. side of small drain, on rock outcrop; chiseled square

3, 704. 02
Hurricane, in NE. part of town, 3 blocks N., thence 2 blocks E. from post office, at point where rd. curves from W. to N. after descending mountain, 33 ft . N. and 55 ft . E. from center of cross streets, 1 ft . S. and 14 ft . E. from corner of picket fence, in concrete post; standard tablet stamped " 1934 H $121 \quad 3265$ "

3, 265. 516
Reference mark, 110 ft . E. of tablet, on lava boulder; chiseled square_ 3, 272. 47
Hurricane, 1.2 mi . N. of, 1.0 mi . S. of La Verkin, in abutment at SW. corner of bridge over Virgin River, in anchor plate of steel arch support; top of $1-\mathrm{in}$. bolt

3, 076.19
Virgin River, under bridge; surface of water at 4 p. m. March 21, 1934_ 3, 056.0
La Verkin, 0.3 mi . S. of post office, 37 ft . N. and 29 ft . W. from center line of highway at curve from E. to N., 2 ft. from N. end of top of concrete head wall of $3-\mathrm{ft}$. flume; standard tablet stamped " 1934 H $223202^{\prime \prime}$

3, 202. 294
Reference mark, 700 ft . W. of tablet, on concrete head wall of culvert; chiseled square:

3, 190. 55
La Verkin, 0.9 mi . N. of, 3.2 mi . SE. of Toquerville, in NW. angle of junction of rd. SW., 2 ft . N. of line fence, on stone post; chiseled square

## LOGAN QUADRANGLE :

[Latitude $41^{\circ} 30^{\prime}-42^{\circ} 00^{\prime}$; longitude $111^{\circ} 30^{\prime}-112^{\circ} 00^{\prime}$ ]
BOX ELDER, CACHE, AND RICH COUNTIES

> From Cache Junction southeast along Oregon Short Line Railroad to Wellsville (by Howard Clark in 1813; leveled twice between Cache Junction and Ballard)
U. S. C. \& G. S. copper bolt designated "V" -
U. S. C. \& G. S. B. M. designated "W"

Cache Junction, 1.7 mi . SE. of, 60 ft . W. of track, on W. side of rd., in
large limestone rock; standard tablet stamped " 4463 ".-.-.-.-.-. 4, 462.740
Ballard Junction, 0.6 mi . NW. of, 300 ft . N. of crossing of lane E. to dwelling, at SW. corner of wooden culvert 28 under track, in coping; copper nail

4, 439. 54

Petersboro, 3.8 mi . NW. of Mendon, on E. side of track, in W. side near NW. corner of concrete warehouse, 4 ft . above ground; standard tablet stamped " 4474 "

4, 474. 378
Petersboro, at signpost; top of W. rail....-.-............................... 4, 471. 5
Mendon, 2.6 mi . NW. of, at SE. corner of wooden culvert under track, in coping; copper nail

4, 478.98
Mendon, 2.2 mi . NW. of, 60 ft . S. of grade crossing, at SW. corner of
wooden culvert under track, in coping; copper nail_--.-...........4, 477. 18
Mendon, 0.7 mi . NW. of, 40 ft . SE. of grade crossing, at SW. corner of wooden culvert under track, in coping; copper nail
$4,453.65$
Mendon, on E. side near SE. corner of sta., in NE. corner of concrete
step; standard tablet stamped " 4435 "------------------------ 4, 435. 084
Mendon, opposite center of sta.; top of W. rail.------------------ 4, 434. 3
Mendon, 3.0 mi . SE. of, 2.2 mi . NW. of Wellsville, 200 ft . N. of crossing of lane E. to red barn, in NW. corner of concrete wall of inverted siphon under track; standard tablet stamped "4445" (recovered in 1936)

4, 445. 560

From Wellsville along Oregon Short Line Railroad by way of Hyrum and Logan to Ballard Junction (by Howard Clark in 1913)
Wellsville, 1.0 mi . E. of, on N. side of track at grade crossing, on SE.
corner of concrete wall of inverted siphon; chiseled mark ------- $4,509.32$

Hyrum, opposite center of sta.; top of S. rail---------------------- 4, 610. 6
Hyrum, 0.9 mi . N. of, 1.6 mi . S. of Millville, 40 ft . N. of grade crossing, at NW. corner of wooden culvert under track, in coping; copper nail_ 4, 579. 11
Millville, 1.0 mi . S. of sta., 30 ft . N. of grade crossing, at NW. corner of wooden culvert under track, in coping; copper nail_-...........- 4, 552. 89
Millville, 300 ft . E. of grade crossing, on $S$. side of rd., in top of E. concrete wall of irrigation ditch; standard tablet stamped " 4544 ".-.-- 4, 543.813
Millville, opposite center of sta.; top of E. rail_-.-.................-- 4, 542. 2
Millville, 2.0 mi . N. of, 2.0 mi . S. of Logan, 50 ft . S. of grade crossing at sugar factory, at NW. corner of wooden culvert under track, in coping; copper nail

[^43]Logan, about 2 mi . S. of, opposite signpost reading "Sugar Factory"; ..... Feet
top of W. rail ..... 4, 471. 3
Logan, 100 ft . S. of sta., on northernmost of two foundation stones on E. side of water tank; chiseled mark ..... 4, 501. 04
Logan, in front of sta.; top of rail ..... 4, 497.6
Logan, on S. side of steps at main entrance to Federal Building, in top of large granite capstone; standard tablet stamped "4535" (recov- ered by U. S. C. \& G. S. in 1934) ..... $4,535.460$
Logan, at main entrance to Cache County courthouse, on S. side of steps, in top of large concrete capstone; standard tablet stamped " 4534 " (recovered by U. S. C. \& G. S. in 1934) ..... 4, 534. 318
Benson, in front of sta.; top of rail ..... 4, 418. 1
Little Bear River, 0.6 mi . W. of Benson, under bridge; surface of water Aug. 5, 1913 ..... 4, 400. 2
From Logan east 3 miles along approximate route of present J. S. Highway 89 (by Howard Clark in 1913; leveled twice)
Logan, 2.6 mi. E. of, at mouth of Logan Canyon, on W. end of concrete wall of Utah State Dam; chiseled mark ..... $4,679.47$
Logan, 3.0 mi . E. of, $1,000 \mathrm{ft}$. SW. of power plant, 100 ft . N. of iron bridge over Logan River, on W. side of river, in rock cliff below drive- way, about 15 ft . above water level; aluminum tablet stamped "4685" ..... $4,685.612$
From Logan north along approximate route of present J. S. Highway 91 to Merrills, thence along Oregon Short Line Railroad to Lewiston Spur, thence west along State Highway 61 to Cornish, thence north along road to Cornish station (by Howard Clark in 1913; leveled twice between Logan and Lewis- ton Spur)
Logan, 2.3 mi . N. of courthouse, at crossroads, on top of E. wall of concrete culvert under N.-S. rd.; bottom of square hole ..... 4, 504. 31
Logan, 4.0 mi . N. of, at junction of lane W., on W. side of N.-S. rd., 20 ft . S. of lane, 160 ft . N. of concrete culvert; standard iron post with bronze cap stamped " 4461 " ..... 4, 461. 240
Hyde Park, 0.5 mi . W. of, 2.7 mi . S. of Smithfield School, at cross- roads, on SE. corner of E. wall of concrete culvert under N.-S. rd.; chiseled mark ..... 4, 468.68
Smithfield, at main entrance to schoolhouse, in NW. corner of con- crete step; standard tablet stamped " 4595 " ..... 4, 594. 729
Smithfield, 2.6 mi . N. of, 3.0 mi . S. of Richmond, 150 ft . N. of junction of lane W., on E. side of rd., in rear of telephone pole 412; standard iron post with bronze cap stamped " 4576 " ..... $4,576.435$
Richmond, 1.8 mi . S. of main street, at junction of lane E., on E. side of rd., 10 ft . S. of culvert, on rock; chiseled mark ..... 4, 593. 10
Richmond, 0.7 mi . S. of, at crossroads, 5 ft . S. of E.-W. rd., 30 ft . W. of N.-S. rd., on rock; chiseled mark ..... 4, 605. 32
Richmond, 30 ft . S. of main street, 20 ft . W. of rd., 6 ft . S. of telephone pole 535 ; standard iron post with bronze cap stamped " 4608 " ..... 4, 608. 107
Richmond, 1.5 mi . N. of, at crossroads, 40 ft . N. of E.-W. rd., on E. end of concrete culvert under N.-S. rd.; chiseled mark ..... 4, 549. 71
Merrills, opposite sta. sign; top of W. rail ..... $4,551.7$Richmond, 2.8 mi . N. of, 0.7 mi . S. of Webster, at junction of rd. E.to Cove, on E. side of track, in rear of telephone pole 649; standardiron post with bronze cap stamped " 4532 "4, 531. 746
Webster, in front of sta.; top of rail ..... 4, 505.3
Feet
Lewiston Spur, at point of switch; top of rail ..... 4, 489. 7
Lewiston, at front of Lewiston State Bank building, on bottom con- crete step; chiseled mark ..... 4, 504. 65
Lewiston, 1.0 mi . W. of, 3.9 mi . E. of Cornish, at crossroads, on NW. corner of concrete culvert under N.-S. rd., 30 ft . S. of E.-W. rd.; chiseled mark ..... $4,506.54$
Cornish, $500 \mathrm{ft} . \mathrm{N}$. of grade crossing at, 1.5 mi . S. of Cornish sta., on SE. corner of concrete culvert under track; chiseled mark ..... $4,481.79$
U. S. C. \& G. S. B. M. designated "Y" ..... 4, 524. 404
From Hyrum east along road through Blacksmith Fork Canyon to Hardware ranch, thence northeast along Bear Lake road into Randolph quadrangle near Danish Dugway (by Howard Clark in 1913)
Hyrum, at main entrance to schoolhouse, in E. end of top concrete step; standard tablet stamped " 4706 "
Hyrum, 4.0 mi . E. of, at mouth of canyon, at plant of Utah Power \& Light Co., on N. end of middle concrete pier of bridge over tailrace; standard tablet stamped " 4740 "
4, 739. 937
Hyrum, 5.1 mi . E. of, about 1 mi . SE. of power plant, opposite portal of pipe-line tunnel through rock ledge, 5 ft . S. of rd., on limestone rock; chiseled mark
$4,839.25$
Hyrum, 6.8 mi . E. of, at Utah Power \& Light Co. storage dam, in SE. corner of concrete wall; standard tablet stamped " 4996 "
4, 996. 460
Hyrum, 8.9 mi . E. of, 2.0 mi . NE. of Utah Power \& Light Co. storage dam, on N. side of rd., at upper end of wide place in canyon, on large limestone rock; chiseled mark
5, 049.57
Hyrum, 9.9 mi. E. of, at mouth of Left Fork of Blacksmith Fork, at NE. corner of bridge over Left Fork, on concrete wall; chiseled mark
5, 088.62
Hyrum, 11.2 mi . E. of, 1.3 mi . SE. of mouth of Left Fork, 600 ft . W. of large rock spur projecting into canyon from S. side, 20 ft . S. of rd., near small boxelder tree; standard iron post with bronze cap stamped " 5149 "
5, 149. 516
Hyrum, 13.3 mi . E. of, 5.4 mi . NW. of Hardware ranch, 0.5 mi . E. of dugway, near mouth of Devil's Gate Canyon, just below rocky cliff on N . side of canyon, on S . side of rd., on large limestone rock; chiseled mark
$5,256.31$
Hardware ranch, 4.1 mi . NW. of, on N . side and 1 ft . above level of rd., on rock ledge; chiseled mark
5, 299.16
Hardware ranch, 2.8 mi . NW. of, on camp site, 30 ft . S. of rd.; standard iron post with bronze cap stamped " 5372 ".
5, 372. 467
Hardware ranch, 1.6 mi . NW. of, opposite rock ledge projecting from S. side of canyon, 6 ft . N. of center line of rd., on small rock; chiseled mark
$5,451.79$
Hardware ranch, 300 ft . E. of barn, 150 ft . S. of rd., in rock cliff 20 ft . above level of rd.; standard tablet stamped " 5586 "
5, 586.518
Hardware ranch, 1.4 mi . NE. of, about halfway up long hill, on W. side of Bear Lake rd., opposite mine dump, on rock ledge 15 ft . above level of rd.; chiseled mark
5, 834. 11
Hardware ranch, 3.2 mi . NE. of, 0.6 mi . SW. of crossing of Rock Creek, at boundary of Cache National Forest; U. S. Forest Service iron boundary post 28 , stamped " 5992 "

From Wellsville northwest along Oregon Short Line Railroad 2.2 miles (by V. S. Seward in 1936)
U. S. C. \& G. S. standard disk stamped "J 125 1934"
$4,535.453$
Wellsville, 2.1 mi . NW. of, on SW. side of track, on S. side of lane E. to red barn, on NW. corner of concrete wall of inverted siphon under track; chiseled square

4, 449. 11

## LUND QUADRANGLE

[Latitude $38^{\circ} 00^{\prime}-38^{\circ} 30^{\prime}$; longitude $113^{\circ} 00^{\prime}-113^{\circ} 30^{\prime}$ ]
BEAVER AND IRON COUNTIES
From Milford northwest along Los Angeles \& Salt Lake Railroad to Squaw
Springs, thence along road to Newhouse (by R. A. Farmer in 1904; leveled
twice)
Milford, in front of sta.; top of rail_-........................................ 4, 958. 0
Milford, 300 ft . S. of sta., 50 ft . W. of main track, 5 ft . N. of telephone pole; standard iron post with bronze cap stamped " 5035 ".

4, 958. 312
Milford, 1.0 mi . S. of, 8 ft . W. of milepost $259,20 \mathrm{ft}$. N. of track; standard iron post with bronze cap stamped " 5059 F R R" $\ldots \ldots$
Milford, 4.0 mi . NW. of, 10 ft . N. of milepost $262,20 \mathrm{ft}$. N. of track, 9 ft . NW. of telephone pole; standard iron post with bronze cap stamped "5231 F R R" (recovered by U. S. C. \& G. S. in 1934) _ . 5, 152. 086
Solus, 2.5 mi . SE. of, 7.6 mi . NW. of Milford, 100 ft . E. of bridge 224, 36 ft . N. of track, on N. side of dim wagon rd.; standard iron post with bronze cap stamped "5495 F R R" (recovered by U. S. C. \& G. S. in 1934)

Solus, 20 ft . S. of sta. sign, in SW . angle of rd. crossing, 30 ft . S . of track; standard iron post with bronze cap stamped " 5726 F R R". - 5, 648. 211
Frisco, 5.0 mi . NE. of sta., 15 ft . E. of milepost $270,20 \mathrm{ft}$. N. of track; standard iron post with bronze cap restamped " 5946 "
$5,868.610$
Frisco, 1.5 mi . E. of, 150 ft . E. of trestle $236,25 \mathrm{ft}$. N. of track; standard iron post with bronze cap stamped " 6364 F R R"

6, 286. 603
Frisco, 100 ft . E. of sta., 30 ft . N. of track, 10 ft . E. of highway; standard iron post with bronze cap stamped " 6450 F R R" (recovered by U. S. C. \& G. S. in 1934)
Squaw Springs, 0.9 mi . W. of, 100 ft . S. of wagon rd., in 3 - by 2 - by 1-ft: black rock; standard tablet stamped "5862 F R R" ${ }^{52} \ldots \ldots \ldots$. $5,784.49$
Newhouse, 10 ft . E. of reservoir; standard iron post with bronze cap
stamped " 5320 F R R" (recovered in 1936)
${ }^{62}$ In 1936 it was reported that this tablet was missing. The elevation given here is that of the imprint of the tablet in the cement.

# From Frisco northeast along road into Preuss Valley quadrangle (by R. A. Farmer in 1804) 

Frisco, 2.0 mi . NE. of sta., 50 ft . W. of rd., in boulder; standard tab- ..... Feet
let stamped " 6560 F R R". ..... 6, 482. 512
Frisco, 5.0 mi . NE. of, 200 ft . W. of rd., in 3 - by 2 - by $2-\mathrm{ft}$. white rock;standard tablet stamped " 6229 F R R R"$6,151.361$
From Milford northwest along road into Preuss Valley quadrangle near Fair- view Springs (by R. A. Farmer in 1904)
Hickory Mine, 1.8 mi . E. of, 5.2 mi . N. of Milford, 20 ft . S. of rd., in 4- by 4- by 3 -ft. black boulder; standard tablet stamped " 5236 FRR" ..... $5,158.150$
Hickory Mine, 2.6 mi . N. of, on summit between Milford and Beaver Lake districts, 200 ft . S. of rd., in 3- by 2 - by $2-\mathrm{ft}$. boulder; stand- ard tablet stamped " 5258 F R R" ..... $5,180.120$
From point 1.5 miles south of Newhouse along roads generally south to pointnear Antelope Springs (by R. A. Farmer in 1904; leveled twice)
Squaw Springs, 4.5 mi . SW. of, 0.2 mi . E. of $\mathrm{W} 1 / 4 \mathrm{cor}$. sec. 5 , T. 28 S ., R. 13 W., 300 ft . W. of rd., in 4 - by 4 - by 4 -ft. boulder; standard tablet stamped " 5453 " ..... 5, 376. 535
From point 0.5 mile east of Los Angeles \& Salt Lake Railroad station at Frisco southeast along road by way of road junction 1 mile northeast of Shauntie to head of Elephant Canyon, thence northeast to point 1.6 miles southeast of Hickory station (by R. A. Farmer in 1904)

Frisco, 1.8 mi . E. of, in $20-$ by 10 - by 4 -ft. sandstone ledge; standard tablet stamped " 6217 F R R"6, 138. 928Frisco, $5.1 \mathrm{mi} . \mathrm{SE}$. of, 150 ft . S. of big wash, in lowest place on rd .between Frisco and Shauntie, in white rock; aluminum tabletstamped " 5925 F R R"$5,817.154$
Frisco, 9.3 mi . SE. of, 100 ft . N. of rd., in limestone ledge; standard tablet stamped " 6514 F R R" ..... $6,436.456$Shauntie, 2.3 mi . along direct rd. NE. of, on summit between Ele-phant Mine and Milford, 10 ft . W. of rd.; standard iron post withbronze cap stamped " 5690 F R R".$5,612.477$
At Milford (by Fred McLaughlin in 1905)

Milford, 400 ft . N. of sta., 50 ft . W. of main track, 10 ft . S. of telephone pole; standard iron post with bronze cap stamped " 5034 " (recovered by U. S. C. \& G. S. in 1934)

4, 956. 690

From Lund southeast along Iron Springs-Lund road into Cedar City quad-
rangle (by George F. Maglett in 1905)
Lund, 128 ft . NW. of center line of main track of Union Pacific R. R., 243 ft . NE. of telegraph office, in SW. angle of large wye, 2 ft . lower than top of rail; standard iron post with bronze cap stamped " $R$ Lund 5092" (recovered in 1928)

5, 081. 532
From Lund southeast along State Highway 19 into Cedar City quadrangle
(first-order leveling by E. E. Harris in 1928)
U. S. C. \& G. S. standard disk designated "R 8" 5, 083. 264
Lund, 1.1 mi . SE. of, 37 ft . S. of center line of highway, 7.6 mi . S. of milepost 1 ; top of iron pipe_
$5,085.03$
Lund, 2.0 mi . SE. of, 13 ft . N. of center line of highway, 300 ft . W. of milepost 2 , in center of top of concrete head wall of culvert; chiseled square
$5,091.32$

# From point 0.9 mile west of Squaw. Springs northwest along Los Angeles \& Salt Lake Railroad to abandoned town of Newhouse (by V. S. Seward in 1936; leveled twice). 

Squaw Springs; 0.9 mi. W: of, 500 ft . E. of junction. of rd. to King David Mine, 100 ft . N. of State Highway 21, 100 ft . S. of S. bank of wash, 2 ft . S. of cairn, in rock outcrop; standard tablet stamped "VS 321936 5784"

Feet
U. S. C. \& G. S. standard disk stamped "J 33 1934"-------------- 5, 669. 995

Newhousé, 1.9 mi . SE. of sta., $\mathbf{1 , 0 0 0} \mathrm{ft}$. S. of easternmost and whitest of group of hills, 300 ft . W. of curve, 800 ft . E. of rd. crossing, 300 ft . E. of culvert $21.63,90 \mathrm{ft}$. W. of small culvert, 25 ft . S . of center line of track, on lone $10-\mathrm{ft}$. black boulder; chiseled square

5, 447. 089
Newhouse, 0.9 mi . SE. of, 500 ft . E. of curve, 25 ft . S. of center line of track, 8 ft . S. of cairn, on 2 - by 2 - by $2-\mathrm{ft}$. granite boulder; chiseled square $\qquad$ $5,260.57$
Newhouse, 3 ft . N. of SE. corner of abandoned reservoir, 60 ft . S. of standard iron post established in 1904 and previously described, in top of concrete wall; standard tablet stamped "VS 311936 5244"- 5, 243. 740

## MAMMOTH QUADRANGLE

[Latitude $39^{\circ} 30^{\prime}-40^{\circ} 0^{\prime}$; longitude $12^{\circ} 00^{\circ}-112^{\circ} 30^{\prime}$ ]
JUAB, MILLARD, TOOELE, AND UTAH COUNTIES

> From Eureka southwest along Denver \& Rio Grande Western and Oregon Short Line Railroads to Robinson, thence southeast along roads and trails by way of Diamond and Government Canyons into Nephi quadrangle at sec. 12, T. 11 S., R. 2 W . (by A. B. Searle in 1897)

Eureka, on Church Street, 1.5 ft . from NE. corner and 0.7 ft . from wall of courthouse, 35 ft . NW. of NE. corner of R. R. sta.; standard iron post with bronze cap stamped " 6394 "

6, 396. 024
Eureka, at junction of Oregon Short Line and Denver \& Rio Grande R. Rs.; top of rail

6, 179. 2
Robinson, in SE. corner of lawn of Hotel Mammoth; standard iron post with bronze cap stamped " 6382 ".
${ }^{55} 6,383.355$
Diamond, in SE. angle of cross streets in center of town; standard iron post with bronze cap stamped "6240" (recovered in 1935)
Diamond Divide, at E. end of long flat near head of Water and Government Canyons, beside large rock at base of small cedar tree; standard iron post with bronze cap stamped " 6790 "

6, 792. 750
From Silver City south along roads in Tintic Valley to sec. 11, T. 12 S., R. 3 W. (by A. B. Searle in 1897; unchecked spur line)
Silver City, about 3 mi . SW. of, in NW. cor. sec. 14, T. 11 S., R. 3 W., at junction of Silver City and Mammoth-McIntire ranch rds., on W. side of old grade of Denver \& Rio Grande R. R., about 500 ft . N. of trestle; standard iron post with bronze cap stamped " 5686 " $\ldots{ }^{55} 5,688.018$
T. 12 S., R. $3 \mathrm{~W} ., \mathrm{SE} 1 / 4 \mathrm{NW} 3 / 4$ sec. 11, on N. side of draw, at junction of McIntire ranch rd. with old rd. NE.; standard iron post with bronze cap stamped " 5771 "

[^44][^45]
# From sec. 27, T. 11:S., R. 3 W.,'along road'southeašt to Copperopolis Creek (by 

 A. B. Searle in 1897; unchecked spur line)T. 12 S., R. 3 W., NE. cor. sec. 1, at junction of valleys, in mound
of earth S. of wagon rd.; standard iron post with bronze cap stamped
" 6124 "----------------------------------------------
Feet
$6,126.019$

From Nephi quadrangle at sec. 13,T. 11 S., R. 2 W., southwest by way of road along Kimball Creek to point near mouth of Little Dog Canyon (by A. B. Searle in 1897)

Big and Little Dog Canyons, near junction of, on E. side of wagon rd., 0.2 mi . N. of junction of streams; standard iron post with bronze cap stamped " 5739 "

5, 742. 324

> From Diamond north by way of Silver Pass and Dividend to Homansville Canyon, thence along U. S. Highway 6 northeast and southeast into Nephi quadrangle (by C. N. Mortenson in 1927)

Diamond, 1.0 mi . N. of former town of, on summit of divide between Diamond and Ruby Hollows, 9 ft . E. of rd.; highest point of rock outcrop

6, 57.9. 51
Diamond, 2.7 mi . N. of, 115 ft . NW. of point where rd. crosses Silver Pass, on SW. side of small rock knoll, 3 ft . W. of small cedar tree; standard tablet stamped "1 M 1927"

6, 654. 114
Diamond, 4.1 mi . N. of, 3.9 mi . SW . of Dividend, in saddle near end of
ridge, in crevice in large rock; spike-------------------------6, 467. 65
Dividend, 2.5 mi. SW. of, in Burriston Canyon, 1.6 mi . SE. of Knightsville, 200 ft . NW. of dwelling on N. side of rd., 300 ft . SE. of dwelling on S . side of rd., 40 ft . N . of rd., on end of small spur, in rock; standard tablet stamped " 2 M 1927"
$6,151.040$
Dividend, 50 ft . NE. of northernmost of two water tanks on hill W. of mine, in limestone outcrop; standard tablet stamped " 3 M 1927"- 6, 068. 230
Dividend, 1.3 mi . N. of, at point where rd. crosses divide between Homansville Canyon and Goshen slope, 300 ft . E. of old copper leaf shaft, 30 ft . W. of rd.; top of small rock outcrop

6, 048.68
Dividend, 1.8 mi . N. of, 4.0 mi . along highway NE. of Eureka, 50 ft . N. of junction of highway and rd. S. to Dividend, on SW. concrete head wall of culvert; chiseled square
$5,854.80$
Eureka, 4.8 mi . NE. of, 8 ft . N. of rd., on top of N. head wall of concrete culvert; chiseled square

5, 684. 25
Eureka, 5.7 mi . NE. of, 2,000 ft. NE. of trestle at R. R. loop, 40 ft . N. of rd., in rock outcrop; standard tablet stamped " 4 M 1927" (recovered in 1936)

5, 474. 668
Eureka, 6.5 mi . NE. of, 125 ft . W. of trestle at R. R. crossing, in E. end of N . concrete head wall of culvert; top of reinforcing bar projecting 2 in. above concrete

5, 291. 15
Eureka, 7.3 mi . NE. of, 0.8 mi . E. of R. R. trestle over canyon, at angle in rd., 15 ft . S. of rd.; top of boulder
$5,148.37$

[^46]
# MARSH PEAK QUADRANGLE ${ }^{57}$ <br> [Latitude $40^{\circ} 30^{\prime}-41^{\circ} 00^{\prime}$; longitude $109^{\circ} 30^{\prime}-110^{\circ} 00^{\prime}$ ] <br> <br> DAGGETT, DUCHESNE, AND UINTAH COUNTIES 

 <br> <br> DAGGETT, DUCHESNE, AND UINTAH COUNTIES}


#### Abstract

From Utah-Wyoming State line at point 3 miles south of Burntfork, Wyo., southeast along road by way of Youngs Springs and Dodds Cabin into Vernal quadrangle at sec. 2, T. 4 S., R. 21 E. (by E. W. Glafcke in 1902)


| T. 3 N., R. 17 E., sec. $15,4.0 \mathrm{mi}$. S. of post office at Burntfork, Wyo., 0.5 mi . W. of Birch Creek, 6 ft . N. of rd., in large flat boulder; standard tablet stamped " 7537 EVAN 18" | $\begin{gathered} \text { Feet } \\ 7,512.637 \end{gathered}$ |
| :---: | :---: |
| Hills' ranch, 2.0 mi . SE. of, 7.0 mi . S. of Burntfork, Wyo., 250 ft . E. of rd., 0.5 mi . E. of sawmill of Zeke Edwards, on side of hill, in sandstone ledge; standard tablet stamped " 7896 | 7, 871. 726 |
| Carter Dugway, at top of, 20 ft . W. of rd., in limestone ledge; standard tablet stamped " 8760 EVAN 20 " | 8, 735. 254 |
| Lodgepole Creek, 0.3 mi . S. of, at summit of divide between Lodgepole and Sheep Creeks, 400 ft . N. of Lucerne Valley Canal, 25 ft . E. of rd., in limestone boulder; standard tablet stamped " 8722 EVAN |  |
| 21" | 8, 746. 809 |

Sheep Creek, 750 ft . S. of, on summit of ridge, at edge of large park, 40 ft. W. of rd., in large boulder; standard tablet stamped " 8682 EVAN 22"

8, 657. 324
Beaver Creek, 75 ft . N. of, 2.0 mi . NW. of Carter Creek, at SE. end of park, in head of small canyon; 4 ft . N. of rd., in sandstone ledge; standard tablet stamped " 8477 EVAN 23 "
$8,452.117$
Icy Hill Dugway, center of, 0.9 mi . S. of Carter Creek, 6 ft . W. of rd., in sandstone ledge; standard tablet stamped " 8250 EVAN 24 " $-\ldots$. $8,225.445$
Youngs Springs ( 0.1 mi . W. of junction of rd. E. to Elk Park), 300 ft . N. of, E. of ford, 12 ft . S. of rd., in large boulder; standard tablet stamped "8419 EVAN 25"

8, 394. 447
Youngs Springs, 3.7 mi . S. of, at summit of Uinta Mtns., 4 ft . E. of rd., in sandstone ledge; standard tablet stamped "9893 EVAN 26"

9, 867. 527
Youngs Springs, 7.7 mi . SE. of, 4.0 mi . SE. of summit of Uinta Mtns., 300 ft . N. of sawmill of Pat Carl, 15 ft . N. of rd., in large boulder; standard tablet stamped " 9589 EVAN 27 "
$9,564.328$
Trout Creek, 300 ft . E. of, 0.2 mi . S. of Oakes sawmill, 15 ft . S. of rd. NE. to Windy Park, in large boulder; standard tablet stamped "9312 EVAN 28"

9, 286. 890
Dodds Cabin, 5.0 mi . NW. of, 2.5 mi . SE. of Windy Park, 0.3 mi . S. of site of old Government sawmill, in S. end of Government park at junction of rd. N. to Windy Park, in 6- by 4 - by 3 -ft. sandstone rock; standard tablet stamped " 9132 EVAN 29".
$9,107.087$
Dodds Cabin, 2.2 mi . N. of, 2.8 mi . SE. of site of old Government sawmill, 0.1 mi . SE. of junction of rd. SW., at summit of knoll in Taylor Canyon, on $S$. side of rd., 30 ft . W. of rd., in large sandstone boulder; standàrd tablet stamped " 9008 EVAN 30 " 8, 983. 108
Dodds Cabin, 1.3 mi . SE. of, about 18 mi . NW. of Vernal, 10 ft . E. of rd., in grove of aspen trees, in large boulder; standard tablet stamped "8781 EVAN 31"
$8,756.362$
Vernal, about 15 mi . N. of, at N. end of Ashley Dugway, 30 ft . E. of rd., in 8 - by 8 - by 5 -ft. sandstone boulder; standard tablet stamped "7960 EVAN 32"

[^47]```
Vernal, about 11 mi . N. of, at S. side of Ashley Hill, 30 ft . W. of rd., in grove of cedar trees, in sandstone ledge; aluminum tablet stamped "6616 EVAN 33"
Vernal, about 9 mi . N. of, in SW \(1 / 4 \mathrm{sec} .17, \mathrm{~T} .3\) S., R. 21 E., 2.5 mi . S. of Ashley Hill, 300 ft . W. of Spring Creek, 5 ft . W. of rd., in sandstone ledge; standard tablet stamped " 6098 "
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6, 099.986

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Vernal, 6.7 mi . N. of, 2.8 mi . NW. of ranch of Wm. Gibson, 20 ft . N. of rd., in center of sand gulch, in sandstone ledge; aluminum tablet stamped " 5744 EVAN 35"
5, 718.671
Vernal, 3.9 mi . N. of, at ranch of Wm. Gibson, in front yard of dwelling, at N . side of gate, in large sandstone shaft in ground; aluminum tablet stamped "5400 EVAN 36" (recovered by U. S. C. \& G. S. in 1933)
5, 375. 012
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From sec. 17, T. 3 S., R. 21 E., southwest along road to Ashley Creek, thence northwest along road to Dry Fork (by J. H. Kent in 1805; leveled twice)

From Utah-Wyoming State line near Linwood southeast along road 2 miles, thence northeast along trail across ford on Green River, thence north into Wyoming (by J. H. Kent in 1905)
Linwood, near W. limits of, about 250 ft . S. of Allen farmhouse, at foot of dugway, 15 ft . SW. of center line of rd.; standard iron post with bronze cap stamped " 6024 ADJ 1903" (recovered by U. S. C. \& G. S. in 1933)


MERCUR NO. 3 QUADRANGLE
[Latitude $40^{\circ} 00^{\prime}-40^{\circ} 15^{\prime}$; longitude $112^{\circ} 15^{\prime}-122^{\circ} 30^{\prime}$ ]
tooele county
From Mercur No. 4 quadrangle at point 4 miles west of Five Mile Pass along second-class road west and northwest into Stockton quadrangle near Ajax (by Roscoe Reeves in 1915)
Five Mile Pass, 6.6 mi . W. of, 7.1 mi . SE. of Ajax, 350 ft . W. of W. edge of alkali flat, 15 ft . N. of second-class rd. to Straussburg ranch; standard iron post with bronze cap stamped " 5046 "
Ajax, 4.2 mi . SE. of, on S . side of second-class rd. to Straussburg ranch; standard iron post with bronze cap stamped " 5133 "

5, 133. 068

# MERCUR NO. 4 QUADRANGLE 

## [Latitude $40^{\circ} 00^{\prime}-40^{\circ} 15^{\prime}$; longitude $112^{\circ} 00^{\prime}-112^{\circ} 15^{\prime}$ ] <br> TOOELE AND UTAH COUNTIES

> From Fairfleld quadrangle at point about 1 mile south of Fairfield station along road southwest and west by way of Five Mile Pass into Mercur No. 3 quadrangle (by Roscoe Reeves in 1915)

| Fairfield, 2.4 mi. SW. of, 2.6 mi . E. of Five Mile Pass, in line with power poles, on N. side of rd.; standard iron post with bronze cap stamped " 5084 " | $\begin{gathered} \text { Feet } \\ 5,084.163 \end{gathered}$ |
| :---: | :---: |
| Five Mile.Pass, at summit of, 5.0 mi . W. of Fairfield, on N. side of Los Angeles \& Salt Lake R. R. and rd., 20 ft . E. of Tooele-Utah county line monument; standard iron post with bronze cap stamped " 5304 " | 5, 304. 362 |
| Five Mile Pass, 2.2 mi . W. of, 40 ft . NW. of center of junction of Faust and Stockton rds.; standard iron post with bronze cap stamped " 5187 " | 5, 187. 622 |

## MILL FORK QUADRANGLE

[Latitude $39^{\circ} 45^{\prime}-40^{\circ} 00^{\prime}$; longitude $111^{\circ} 15^{\prime}-111^{\circ} 30^{\prime}$ ]
SANPETE AND UTAH COUNTIES
From Nephi quadrangle southeast along Denver \& Rio Grande Western Railroad into Soldier Summit quadrangle (by L. F. Biggs in 1910; leveled twice)
Thistle, 2.0 mi . SE. of, $1,800 \mathrm{ft}$. N. of milepost 104 , in SE. corner of concrete abutment of bridge 674 ; aluminum tablet stamped " 5151 20"
$5,152.177$
Thistle, 5.1 mi . SE. of, $1,400 \mathrm{ft}$. N. of milepost 107, at grade crossing;

Narrows, 250 ft . N. of sta. sign, 10 ft . E. of E. track, in large boulder; aluminum tablet stamped "5498 21"-

5, 499. 626
Mill Fork, about 150 ft . N. of sta., on W. side of water tower, at center one of three supports of tank, ${ }^{58}$ in stone cap; aluminum tablet stamped "5803 23"
$5,805.093$
Mill Fork, 3.4 mi . SE. of, 0.2 mi . N. of milepost 116 , on E. side of right-of-way, on W. side of' wagon rd., in large boulder; aluminum tablet stamped "6014 24"

6, 015. 930

## MINERSVILLE NO. 1 QUADRANGLE

## [Latitude $38^{\circ} 15^{\prime}-38^{\circ} 30^{\prime}$; longitude $112^{\circ} 30^{\prime}-112^{\circ} 45^{\prime}$ ] <br> BEAVER AND PIUTE COUNTIES

From Baldwin service station and store on U. S. Highway 91 north along highway 2 miles, thence along road northeast into Delano Peak No. 2 quadrangle about 1 mile east of Indian Creek ranger station (by S. S. Evans in 1938)
U. S. C. \& G. S. standard disk stamped "E. 32 1934" ................ 6, 118.610'

Reference mark, 668 ft . N. of disk, on W. side of highway, on corrugated iron culvert pipe; chiseled square
$6,125.73$
Beaver, 7.3 mi . N. of, 17 ft . W. of center line of highway, on top of
S. concrete wing wail of culvert; chiseled square

6, 250.64

Reference mark, 57 ft . SE. of disk, on W. side of highway, on top of corrugated iron culvert pipe; chiseled square
$6,289.53$

[^48]Beaver, 8.9 mi . N. of, along rd. to Indian Creek ranger station, 23 ft . ..... Feet
W. of rd. fork, on boulder set in place; chiseled square ..... $6,391.30$
Beảver, 9.6 mi . NE. of, 133 ft . NE. of rd. fork, in concrete post; stand- ard tablet stamped "1 E 1936" ..... 6, 460. 561
Reference mark, 230 ft . W. of tablet, 15 ft . N. of rd., on rock set in place; chiseled square ..... 6, 456. 45
Beaver, 10.7 mi . NE. of, 570 ft . N. of ditch crossing, 22 ft . W. of center line at bend in rd., on rock set in place; chiseled square...- ..... 6, 575. 88Beaver, 11.7 mi . NE. of, at base of small hill, about 500 ft . N. of con-crete head gate on Indian Creek, $47 \mathrm{ft} . \mathrm{N}$. of center line of rd., inboulder in place; standard tablet stamped " 2 E 1936"6, 705. 868
Reference mark, 120 ft . W. of tablet, 50 ft . N. of rd., on boulder in place; chiseled square ..... 6, 701.91
Beaver, 12.5 mi . NE. of, 36 ft . SW. of bridge over Indian Creek, 3ft. S. of creek, on rock outcrop; chiseled square6, 794. 89
Beaver, 13.3 mi . NE. of, on N. side of fan-shaped wash, 25 ft . NW. of center line of rd., in concrete post; standard tablet stamped " 3 E 1936" ..... 7, 062.597
Reference mark, 150 ft . S. of tablet, on S. side of rd., on boulder in place; chiseled square ..... 7, 056.02
Beaver, 14.3 mi . NE. of, 5 ft . N. of center line of rd., in root on S . side of $36-\mathrm{in}$. spruce tree; copper nail and washer- ..... 7, 200. 66
Beaver, 15.1 mi . NE. of, 590 ft . E. of Pole Canyon, 12 ft . N. of center line of rd., at opening in small aspen grove, in boulder in place; standard tablet stamped " 4 E 1936" ..... 7, 309. 450
Reference mark, 132 ft . W. of tablet, in root on S. side of $18-\mathrm{in}$. spruce tree; copper nail and washer ..... 7, 306. 62
Beaver, 16.0 mi . NE. of, at E. edge of opening in aspen grove, 21 ft . N . of center line of rd., in root on S . side of $10-\mathrm{in}$. aspen tree; copper nail and washer ..... 7, 447. 64
Beaver, 16.5 mi . NE. of, 400 ft . E. of Indian Creek ranger station, 50ft. N. of rd. fork, in concrete post; standard tablet stamped " 5 E1936"7, 520. 700
Reference mark, 220 ft . E. of tablet, at base of $24-\mathrm{in}$. yellow pine tree, 10 ft . S. of rd., on rock set in ground; chiseled square ..... 7, 527. 19
MOAB QUADRANGLE[Latitude $38^{\circ} 30^{\prime}-39^{\circ} 00^{\prime}$; longitude $109^{\circ} 30^{\prime}-110^{\circ} 00^{\prime}$ ]GRAND COUNTY
From Tidwell quadrangle east along Denver \& Rio Grande Western Railroadinto Mount Waas quadrangle (by L. F. Biggs in 1910; leveled twice)
Thompsons, 13.2 mi . W. of, 0.2 mi . W. of Floy, in E. end of concreteabutment of bridge $541-\mathrm{A}$; aluminum tablet stamped " 4616 59"(recovered by U. S. C. \& G. S. in 1927)4, 617. 802
Thompsons, about 9 mi . W. of, 3.0 mi . W. of Crescent siding, 15 ft .E. of second telephone pole E. of milepost 537, at E. side of right-of-way; standard iron post with bronze cap stamped " 4777 . 60" (re-covered by U. S. C. \& G. S. in 1927)4, 778. 475
Thompsons, about 6 mi . W. of, at Crescent siding, opposite milepost$534,800 \mathrm{ft}$. E. of water tank, 20 ft . E. of telephone booth, at N. side ofright-of-way; standard iron post with bronze cap stamped " 489861 " (recovered by U. S. C. \&. G. S. in 1927)4, 899. 767

| Thompsons, 500 ft . N. of sta., in SE. corner of concrete abutment of bridge 528-A; aluminum tablet stamped " $5132 \quad 62$ " (recovered by U. S. C. \& G. S. in 1927) | $\begin{gathered} \text { Feet } \\ 5,134.521 \end{gathered}$ |
| :---: | :---: |
| Thompsons, 3.2 mi . E. of, in S . end of concrete abutment of steel bridge; aluminum tablet stamped " 5033 63" | 5, 034. 647 |
| Thompsons, about 8 mi . E. of, 500 ft . E. of Sagers sta., opposite milepost 520 , in W. side of right-of-way; standard iron post with bronze cap stamped "4782 64" (recovered by U. S. C. \& G. S. in 1927) - | 4, 784. 744 |
| Thompsons, 11.2 mi . E. of, 4.3 mi . W. of White House, 0.6 mi . W. of Elba siding, 6 ft . S. of center line of tracks, in E. abutment of bridge 516-A; aluminum tablet stamped "4621 65" (recovered by |  |
| U. S. C. \& G. S. in 1927) | 4, 622. 950 |

# MODENA QUADRANGLE <br> [Latitude $37^{\circ} 30^{\prime}-38^{\circ} 00^{\prime}$; longitude $113^{\circ} 30^{\prime}-114^{\circ} 00^{\prime}$ ] <br> WASHINGTON AND IRON COUNTIES 

From Panaca quadrangle southeast along Rose Valley (Nev.)-Modena (Utah) road to point on Union Pacific Railroad 2.9 miles southwest of Modena (by D. S. Birkett in 1915)

Modena, 7.5 mi . NW. of, 4.8 mi . along rd. NW. of Union Pacific R. R., 1.3 mi . SE. of junction of Fay and Rose Valley rds., 15 ft . N. of rd.; top of iron post with General Land Office cap stamped " 5854 T. 34 S., R. 19 W., $1 / 4$ cor. sec.-"" ${ }^{50}$ 5, 823. 736
Modena, 6.6 mi . NW. of, 2.2 mi . SE. of junction of Fay and Rose Valley rds., at point of hill on S. side of wash, 2 ft . NE. of rd., on boulder; highest point

5, 759. 95
Modena, 5.5 mi . NW. of, 2.8 mi . NW. of Union Pacific R. R., 110 ft . NE. of rd., on boulder; highest point

5, 678. 16
Modena, 5.2 mi . NW. of, 2.5 mi . N. along wash from R. R., at first point of rocks along rd. between bench and point where rd. reenters wash, 15 ft . N. of rd., in lava rock marked by cairn; standard tablet stamped "5665 1915 18"

5, 665. 064
Modena, 3.8 mi . W. of, 0.3 mi . W. of point where rd. leaves wash and ascends bench, 220 ft . N. of rd., on boulder; highest point

5, 601, 36
Modena, 2.8 mi . SW. of, at cor. secs. $3,4,9$, and 10, T. 35 S., R. 19 W.; top of General Land Office iron post with cap stamped " 5507 ".-.- 5, 506. 996

From Enterprise west and southwest along roads into Gunlock quadrangle near Enterprise Reservoir (by R. B. Steele in 1937)
U. S. C. \& G. S. standard disk stamped "Y 123 1934"

5, 329. 384
Enterprise, at E. entrance to Enterprise High School, on E. end of concrete walk, near SE. corner; chiseled square

5, 326. 56

Enterprise, at NW. corner of store of B. J. Lund, on SW. corner of concrete platform; standard reference mark disk stamped "RS 1937"

5, 313. 20
Enterprise, 1.0 mi . W. of, 19 ft . S. of center line of rd., at fence corner, 3 ft . E. of gate, on top of boulder set in ground; chiseled square .

5, 323. 42
Enterprise, 2.1 mi . W. of, about 750 ft . W. of bridge over irrigation ditch, 25 ft . S . of center line of rd ., 8 ft . N. of fence, in top of boulder in place; standard tablet stamped "RS 1 1937"

5, 364. 723

[^49]Reference mark, 51 ft . W. of tablet, 28 ft . S. of center line of rd., on ..... Feet top of boulder in place; chiseled square ..... 5, 363.72
Enterprise, 3.0 mi . W. of, 30 ft . S. of center line of rd., 35 ft . E. of brook, in root on N. side of $24-\mathrm{in}$. cottonwood tree; copper nail and washer ..... 5, 392.63
Enterprise, 4.0 mi . W. of, 120 ft . SW. of center line of rd., 275 ft . W. ofcorner of pasture fence, about 30 ft . W. of old irrigation ditch, in topof boulder in place; standard tablet stamped "RS 2 1937"5, 416. 416
Reference mark, 50 ft . SE. of tablet, 120 ft . SW. of center line of rd., on top of boulder in place; chiseled square ..... $5,412.29$
Enterprise, $5.0 \mathrm{mi} . W$. of, 50 ft . W. of center line of rd., on top of boulder in place; chiseled square ..... 5, 439. 98Enterprise, 6.0 mi . W. of, 0.3 mi . E. of junction of rd. to EnterpriseReservoir, 115 ft . E. of bridge over canal, 15 ft . SE. of rd., in top ofboulder set in place; standard tablet stamped "RS 319375483 "Reference mark, 100 ft . E. of tablet, 50 ft . S. of rd., 200 ft . SE. of$5,483.208$
bridge over canal, on top of boulder set in place; chiseled square ..... $5,484.97$
Enterprise, 6.5 mi . W. of, in W. angle of rd. fork, at top of hill, 2 ft .NE. of Forest Service signboard; on top of boulder set in place;chiseled square$5,490.56$
Enterprise, 7.0 mi . W. of, 4.0 mi . N. of Lower Enterprise Reservoir,0.5 mi . S. of rd. junction, about 50 ft . S. of deep wash, 34 ft . E. ofcenter line of rd., on top of boulder set in place; chiseled square.$5,498.94$
Enterprise, 7.9 mi W. of, 3.5 mi . N. of Lower Enterprise Reservoir, atcrossing of Forest Service boundary line and Reservoir rd., on N.side of draw, 36 ft . NW. of Forest Service signboard and 18 ft . W.of fence, in top of large boulder in place; standard tablet stamped"RS 4 1937"5,530. 167
Reference mark, 60 ft . E. of tablet, 60 ft . W. of center line of rd., 100ft. N. of Forest Service signboard, on rock outcrop; chiseled square_ 5, 530. 76Enterprise, 9.1 mi . W. of, 1.5 mi . N. of Lower Enterprise Reservoir,32 ft . W. of center line of rd., on top of boulder set in place; chiseledsquare5, 581. 39Enterprise, 10.1 mi . SW. of, 0.5 mi . N. of Lower Enterprise Reservoir,on W. side of canyon, 76 ft . N. from center of bridge over creek, intop of rock outcrop; standard tablet stamped "RS 5 1937"5, 625. 262
Reference mark, 20 ft . from tablet, on W. side of canyon, 80 ft . from center of bridge, on top of rock outcrop; chiseled square ..... $5,621.28$
Enterprise, 10.5 mi . SW. of, at Lower Enterprise Reservoir, on top at E. end of dam; chiseled square ..... $5,674.42$Enterprise Reservoir, at, 500 ft . E. of junction of rds. W. and S., inangle of junction of old rds., 10 ft . S. of large rock, on top of boulderin place; chiseled square5, 733.40
Enterprise Reservoir, on E. side of, 11.6 mi . NE. of Goldstrike, 51 ft .S. of center line of rd., at summit of low ridge, 3 ft . NW. of smallrock cairn, in top of boulder set in place; standard tablet stamped"RS 619375795 "5, 794. 892Reference mark, 90 ft . E. of tablet, 50 ft . S. of center line of rd. atsummit of low ridge, 2 ft . E. of small rock cairn, on top of boulderin place; chiseled square5, 791. 84

# MOUNDS QUADRANGLE <br> [Latitude $39^{\circ} 15^{\prime}-39^{\circ} 30^{\prime}$; longitude $110^{\circ} 30^{\prime}-110^{\circ} 45^{\prime}$ ] <br> CARBON AND EMERY COUNTIES <br> From Wellington quadrangle southeast along Denver \& Rio Grande Western Railroad into Grassy quadrangle (by L. F. Biggs in 1910 ; leveled twice) 

Mounds, 1.9 mi . NW. of, 300 ft . N. of milepost 605 , in N. abutment of R. R. bridge 605-A; aluminum tablet stamped "5386 41" (recovered by U. S. C. \& G. S. in 1927)

Feet
Mounds, 150 ft . E. of sta., 50 ft . E. of right-of-way, 15 ft . N. of small building; standard iron post with bronze cap stamped "5439 42" (recovered by U. S. C. \& G. S. in 1927)

5, 442. 243
Verde, in base of sta. sign; spike with aluminum tag stamped " 5267 ". $5,269.35$
Verde, 0.7 mi . S. of, on E. end of S. abutment of bridge $598-\mathrm{B}$; aluminum tablet stamped " 523343 "

5, 235. 499

# From Mounds north along Sunnyside branch of Denver \& Rio Grande Western Railroad into Wellington quadrangle (by L. F. Biggs in 1910; single unchecked spur line) 

Mounds, 4.0 mi . N. of, 20 ft . E. of milepost 4, in sandstone boulder buried flush with ground; aluminum tablet stamped " 5429 " 5, 432. 157

## MOUNT PEALE QUADRANGLE 60

[Latitude $38^{\circ} 00^{\prime}-38^{\circ} 30^{\prime}$; longitude $109^{\circ} 00^{\prime}-109^{\circ} 30^{\prime}$ ]
SAN JUAN COUNTY

## From Church Rock on U. S. Highway 450 west and southwest along Dugout ranch road into Verdure quadrangle (by.C. C. Rich in.1934)

Monticello, 14.5 mi . NE. of, 0.6 mi . W. of Church Rock, 300 ft . E. of E. end of prominent rock, 300 ft . W. of highway, 800 ft . SW: of junction of highway with Dugout ranch rd., in root on $S$. side of 24 -in. lone cedar tree; copper nail and washer

6, 071. 93
Church Rock, 1.4 mi . W. of, 250 ft . S. of Dugout ranch rd., on top of E. end of knoll, in concrete post; standard tablet stamped " 6133 CR 1 1934"

6, 131. 052
Reference mark, 116 ft . SW. of tablet, on top of same knoll, in cedar post extending 8 in . above ground; copper nail and washer
$6,136.46$
Church Rock, 2.3 mi . W. of, 60 ft . S. of rd., 50 ft . S. of large sage brush, in cedar post exténding 8 in. above ground; copper nail and washer

6, 221. 91
Church Rock, 3.6 mi . W. of, on N. side of divide at W. end of Dry Valley, 130 ft . N. of rd., 50 ft . N. of frame shack, in sandstone outcrop; standard tablet stamped " 6425 CR 2 1934"

6, 423. 463
Reference mark, 75 ft . W. of tablet, at S . edge of sandstone outcrop, in root on S . side of 12 -in. piñon tree; copper nail and washer..... $6,421.44$
Church Rock, 4.5 mi . W. of, 50 ft . N. of rd., 10 ft . E. of N.-S. drainage, in root on N. side of 24 -in. cedar tree; copper nail and washer
$6,325.98$
Church Rock, 5.6 mi . W. of, 380 ft . E. of wooden bridge over large drainage, 75 ft . N. of rd., in W. part of sandstone outcrop; standard tablet stamped " 6213 CR 3 1934" $6,211.361$
Reference mark, 101 ft . ENE. of tablet, in root on E. side of 6-in. piñon tree; copper nail and washer
$6,215.35$

[^50]Church Rock, 6.7 mi . SW. of, 460 ft . E. of rd., on W. slope of E. side of Harts Draw, in root on NW. side of $10-\mathrm{in}$. piñon tree; copper nail Feet and washer
$6,253.85$
Church Rock, 7.7 mi . SW. of, 70 ft . N. of rd., on summit of prominent ridge, in center of scattered group of pine and cedar trees, in SW. corner of sandstone outcrop; standard tablet stamped " 6460 CR 4 1934"
6, 459. 129
Reference mark, 100 ft . NE. of tablet, in root on W. side of $30-\mathrm{in}$. cedar tree; copper nail and washer
6, 460.80
Church Rock, 8.8 mi . SW. of, 20 ft . N. of rd., on summit of prominent ridge, in root on E . side of $12-\mathrm{in}$. lone piñon tree; copper nail and washer
$6,637.68$
Church Rock, 9.5 mi . SW. of, 115 ft . S. of rd., in center of grove of pine and cedar trees, in W. end of large sandstone outcrop; standard tablet stamped " 6676 CR 5 1934"
6, 674. 930
Reference mark, 95 ft . N. of tablet, 25 ft . S. of rd., in root on SE. side of $16-\mathrm{in}$. piñon tree leaning to W . at $45^{\circ}$ angle; copper nail and washer
6, 681. 49

## MOUNT TERRILL QUADRANGLE

[Latitude $38^{\circ} 30^{\prime}-39^{\circ} 00^{\prime}$; longitude $111^{\circ} 30^{\prime}-112^{\circ} 00^{\prime}$ ]
PIUTE, SEVIER, AND WAYNE COUNTIES
From Richfield No. 1 quadrangle along J. S. Highway 89 northeast to Aurora,
thence north along road 3 miles, thence northwest along State Highway 63
into Scipio quadrangle (by E. E. Harris in 1931)
Sigurd, 1.8 mi . SW. of, 6.4 mi . NE. of Richfield, on SE. side of highway, 900 ft . SW . of curve, in center of concrete head wall of highway culvert; chiseled square
$5,260.32$
Sigurd, 1.3 mi . SW. of, on S. side of highway, 60 ft . E. of R. R. crossing, in center of concrete head wall of highway culvert; chiseled square
$5,260.50$
Sigurd, 0.8 mi . SW. of, in SW. angle of junction of old highway, in center at base of parapet wall of concrete bridge over canal; chiseled square

5, 239.69
Sigurd, 150 ft . S. of spur line of Denver \& Rio Grande Western R. R., 21 ft . E. of center line of U . S. Highway $89,22 \mathrm{ft}$. W. of center line of State Highway 24, 10 ft . S. of highway signpost, in concrete post; standard tablet stamped " $1931 \mathrm{H} 98 \quad 5220$ " (recovered by U. S. C. \& G. S. in 1934)

5, 219. 589
Reference mark, 250 ft . SW. of tablet, in center of W. concrete head wall of culvert; chiseled square
$5,221.89$
Sigurd, 0.9 mi . N. of, 600 ft . S. of curve and on E. side of highway, in center of concrete head wall of culvert; chiseled square

5, 215.17
Sigurd, 1.8 mi . NE. of, on E. side of highway, 40 ft . N. of R. R. crossing, in center at base of parapet wall of concrete bridge over drain; chiseled square
$5,256.74$
Sigurd, 3.0 mi . NE. of, 3.1 mi . SW. of Aurora, 31 ft . S. of center of junction of T-rd. E., 34 ft . E. of center line of highway, 9 ft . S. and 1 ft . E. from fence, in concrete post; standard tablet stamped "1931 H 99 5246"

5, 245. 569
Reference mark, 230 ft . S. of tablet, in center of E. concrete head wall of culvert; chiseled square

5, 247. 43

Aurora, 1.5 mi . SW. of, on E. side of highway, 250 ft . S. of junction of farm rd. E., on NE. abutment of small concrete bridge; chiseled square
$5,225.95$
Aurora, 0.8 mi . SW. of, on E. side of curve in highway, on N. side of dirt rd., in center of concrete head wall of culvert; chiseled square_ _ 5, 182. 34
Aurora, in NE. cornèr of school grounds, 47 ft . S. of E.-W. rd., 44 ft . W. of center line of U. S. Highway 89, 4 ft . SW. of corner of fence, in concrete post; standard tablet stamped " 1931 H 100 5187" (recovered by U. S. C. \& G. S. in 1934)

5, 186. 768
Reference mark, 360 ft . S. of tablet, on S. end of E. concrete head wall of culvert; chiseled square
$5,181.70$
Aurora, 0.3 mi . N. of, on E. side of highway at curve to SE., at sign reading "Entering Aurora," just S. of junction of dirt rd. N. to Scipio, in center of concrete head wall of culvert; chiseled square _ $5,211.80$
Aurora, 1.3 mi . N. of, on E. side of rd., 260 ft . N. of corral, on top of drain pipe; chiseled square
$5,285.44$
Aurora, 2.4 mi . N. of, 230 ft . N. of junction of second-class rd. E., on E. side of rd., on large boulder; chiseled square

5, 334. 85
Aurora, 2.8 mi . N. of, at junction of State Highway 63 with rd. S. to Aurora, 20 ft . N. of highway, 28 ft . W. of rd. sign, 4 ft . higher than surface of rd., in concrete post; standard tablet stamped " 1931 H 101 " ${ }^{61}$

5, 354. 527
Reference mark, 170 ft . W. of tablet, on N. side of rd., on large boulder; chiseled square

5, 356. 92
Aurora, 2.8 mi . N., thence 0.9 mi . NW. from, on S. side of curve in highway at point of hill, on large boulder; chiseled square

5, 458. 65
Aurora, 2.8 mi . N., thence $1.6 \mathrm{mi} . \mathrm{NW}$. from, 220 ft . W. of junction of rd. NE., on S. side of highway, on top of drain pipe; chiseled square
$5,525.85$
Aurora, 2.8 mi . N., thence 2.4 mi . NW. from, 100 ft . N. of highway, on NE. side of mounds, in root on N. side of small scrub cedar tree; copper nail and washer
$5,608.36$
Aurora, 2.8 mi . N., thence 3.1 mi . NW. from, 21 ft . S. of center line of highway at point of hill, 2 ft . lower than surface of rd., in concrete post; standard tablet stamped " 1931 H 1.02 5727" (recovered by U. S. C. \& G. S. in 1934)

5, 726. 320
Aurora, 2.8 mi . N., thence 4.2 mi . NW. from, at junction of rd. N. to ranch house, on boulder; chiseled square (recovered by U. S. C. \& G. S. in 1934)

5, 871.658

## MOUNT WAAS QUADRANGLE 62

[Latitude $38^{\circ} 30^{\prime}-39^{\circ} 00^{\prime}$; longitude $109^{\circ} 00^{\prime}-109^{\circ} 30^{\prime}$ ]
GRAND COUNTX
From Moab quandrangle east. and northeast along Denver \& Rio Grande Western Railroad into Westwater quadrangle (by L. F. Biggs in 1010 ; leveled twice)
White House, about 150 ft . W. of R. R. telephone booth, 25 ft . N. of center line of track; standard iron post with bronze cap stamped "4485 66" (recovered by U. S. C. \& G. S. in 1927)

[^51]Cisco, 3.7 mi . W. of, opposite milepost 508 , in E. side of right-of-way; standard iron post with bronze cap stamped "4455 67" (recovered by U. S. C. \& G. S. in 1927) ..... Feet ..... $4,457.137$
Cisco, 25 ft . E. of sta., in corner of R. R. park; standard iron post with bronze cap stamped "4350 68" (recovered by U. S. C. \& G. S. in 1927) ..... $4,351.819$
NEPHI QUADRANGLE
[Latitude $39^{\circ} 30^{\prime}-40^{\circ} 00^{\prime}$; longitude $111^{\circ} 30^{\prime}-112^{\circ} 00^{\prime}$ ]
JUAB, SANPETE, AND UTAH COUNTIESFrom Mammoth quadrangle at sec. 12, T. $11 \mathrm{~S} .$, R. $2 \mathrm{~W} .$, northeast along road
to sec. 6, T. 10 S., R. 1 W., thence northwest and back into Mammoth quad-rangle at sec. 36, T. 9 S., R. 2 W. (by A. B. Searle in 1897)
Goshen Valley, at NW. cor. T. 11 S., R. 1 W.; standard iron post with bronze cap stamped " 4793 " ..... 4, 796. 386
Goshen Valley, at NW. cor. T. 10 S., R. 1 W.; standard iron post with bronze cap stamped " 4798 " (recovered in 1935) ..... 4, 981.789
From sec. 12, T. 11 S., R. 2 W., along road in Cottonwood Canyon to Juab-Utahcounty line (by A. B. Searle in 1897)Cottonwood Canyon, head of, about 600 ft . E. of wagon rd., about250 ft . N. of Juab-Utah county line, near lone tree; standard ironpost with bronze cap stamped " 6228 "6, 231. 334
From Provo quadrangle south and east along Denver \& Rio Grande WesternRailroad into Mill Fork quadrangle (by L. F. Biggs in 1910)
Thistle, $1,100 \mathrm{ft}$. S. of sta., 10 ft . E. of main-line track, in E. end ofN. abutment of bridge 676; aluminum tal let stamped " $5041 \quad 19$ ".- $5,042.726$
Thistle, 400 ft . N. of schoolhouse, 100 ft . S. of right-of-way, nearpublic rd., in rock ledge; aluminum tablet stamped " 505022 ". . . 5, 051. 872
From Provo quadrangle at sec. 28, T. 9 S., R. 1 W., along road south to Elberta, thence northwest along U. S. Highway 6 to northwest corner T. 10 S., R. 1 W. (by E. E. Harris in 1923; line north of Elberta leveled twice)Elberta, 1.8 mi . N. of post office, near $\mathrm{W} 1 / 4$ cor. sec. 33 , T. 9 S., R. 1W., on E. side of rd., 500 ft . S. of deserted shack, on drain pipe;chiseled square4, 655. 21
Elberta, 1.3 mi . N. of, near SW . cor. sec. $33, \mathrm{~T} .9 \mathrm{~S} .$, R. 1 W., 40 ft .E. of rd. at summit of grade, 200 ft . SW. of dwelling, 2 ft . S. and5 ft . E. from corner fence post, in concrete post; standard tabletstamped "1923 H 69"4, 673. 158
Reference mark, 53 ft . W. of tablet, on top of concrete wall of culvert; bottom of square hole ..... $4,673.35$
Elberta, 0.6 mi . N. of, near E $1 / 4$ cor. sec. 5, T. $10 \mathrm{~S} ., ~ R .1$ W., 50 ft .W. of rd., in root on $W$. side of lone poplar tree in angle in fence;spike$4,669.77$
Elberta, in SW. angle of crossing of Denver \& Rio Grande WesternR. R. and U. S. Highway 6, in top of concrete wall of culvert;standard tablet stamped "1923 H 70" (recovered by U. S. C. \&G. S. in 1934)4, 663. 714
Reference mark, 50 ft . E. of tablet, on top of concrete wall of culvert; bottom of square hole ..... $4,663.34$
Elberta, 1.0 mi . NW. of, in $\mathrm{SW} 1 / 4$ sec. 5, T. $10 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W}$. , on N. sideof highway, on boulder buried flush with ground; chiseled square4, 760.42
Elberta, 1.5 mi . NW. of, in NE1/4 sec. 6, T. $10 \mathrm{~S} .$, R. $1 \mathrm{~W} .$, on S. side ofhighway, 250 ft . W. of cut, in center of top of concrete wall of cul-Feet
vert; bottom of square hole ..... 4, 829. 45
T. 10 S., R. 1 W., at NW. cor.; top of township corner pipe ..... 4, 981. 28
From Elberta along roads south and east to point 1.7 miles southeast of Elberta (by E. E. Harris in 1923)
Elberta, 0.7 mi . S. of, near SE. cor. sec. 8, T. 10 S., R. 1 W., 2.9 mi . W. of Goshen, in NW. angle of crossroads, on drain pipe; chiseled square ..... 4, 697. 53
Goshen, 2.4 mi . W. of, in sec. 9, T. 10 S., R. 1 W., on N. side of rd., at corner in orchard, 210 ft . W. of corner fence post, on stone post; chiseled square ..... $4,630.43$
Goshen, 1.7 mi . W. of, in sec. 10, T. 10 S., R. 1 W., on S. side of rd., at overflow canal of reservoir, on top of concrete wall of culvert; chiseled square ..... $4,576.06$
Goshen, 0.8 mi . W. of, in sec. 11, T. $10 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W} .$, in NE. angle of junction of T-rd. N., in root on N. side of poplar tree in angle in fence; copper nail and washer ..... 4, 549. 26
Goshen, at W. side of town, in NE. angle of first crossroads, in centerof top of concrete parapet wall of culvert; standard tablet stamped"1923 H 71".$4,546.929$
Reference mark, 136 ft . N. $80^{\circ}$ E. of tablet, in root on W. side of 24 -in. poplar tree; copper nail and washer ..... 4, 546. 80
Goshen, 0.8 mi . S. of, in sec. 14, T. 10.S., R. 1 W., at jog in N.-S. rd., inNE. angle of junction of T-rd. E., on corner stone; chiseled square_ _ 4, 610. 03
Goshen, 1.7 mi . SE. of; Bureau of Reclamation triangulation staand B. M. designated " 37 "$4,734.693$
NINEMILE CREEK QUADRANGLE
[Latitude $39^{\circ} 45^{\prime}-40^{\circ} 00^{\prime}$; longitude $110^{\circ} 30^{\prime}-110^{\circ} 45^{\prime}$ ]
CARBON AND DUCHESNE COUNTIES
From Wellington quadrangle 4 miles north of Soldier station northwest along road into Kyune quadrangle 3 miles northwest of Big Summit (by L. B. Glasgow in 1912) ${ }^{63}$
Soldier sta., 2.2 mi . N., thence 4.3 mi . NW. from, 100 ft . N. of rd. to Willow Creek, $1,500 \mathrm{ft}$. E. of small lake, on summit of hill; standard iron post with bronze cap stamped "7441 CS" ..... 7, 441. 636
Big Summit, 0.5 mi . E. of, in clearing, 100 ft . S. of rd.; top of pointed rock ..... 7, 442. 97
Big Summit, 100 ft . N. of rd.; standard iron post with bronze cap stamped "7515 CS" ..... $7,515.663$
OGDEN QUADRANGLE[Latitude $41^{\circ} 00^{\prime}-41^{\circ} 30^{\prime}$; longitude $111^{\circ} 30^{\prime}-112^{\circ} 00^{\prime}$ ]
WEBER, BOX ELDER, CACHE, DAVIS, MORGAN, RICH, AND SUMMIT COUNTIES
From Ogden south along Union Pacific Railroad to U. S. Highway 91, thencewest into Promontory Point quadrangle (by E. E. Harris in 1923)
U. S. C. \& G. S. B. M. designated "A" ..... $4,295.884$Ogden, at SE. corner of Ogden Packing Co. office, on N. side of rd., on$W$. side of driveway to plant, in angle in fence line, 3 ft . from eachfence, in concrete post; standard tablet stamped "1923 H 1".... 4, 291. 595

[^52]Reference mark, 61 ft . W. of tablet, on end of stone step at office en- ..... Feettrance; chiseled square4, 293.40
Ogden, about $2,000 \mathrm{ft}$. SW. of Union Pacific R. R. sta., 40 ft . W. of westernmost track, midway between Twenty-eighth and Twenty- ninth Streets, in front of deserted house, in root on S. side of 84 -in. cottonwood tree having three separate trunks branching off 6 ft . above ground; copper nail and washer ..... 4, 303. 58
Ogden, 1.1 mi . SW. of sta., in SE. angle of grade crossing, on NW. corner of concrete foundation of semaphore; bottom of square hole_ ..... 4, 323. 79
Ogden, 40 ft . S. and 40 ft . E. from SE. corner of crossing of UnionPacific R. R. and U. S. Highway 91, in angle of and 1 ft . E. of E.right-of-way fence, in concrete post; standard tablet stamped "1923H 2 '"4, 353. 050
Reference mark, $43 \mathrm{ft} . \mathrm{N} .40^{\circ} \mathrm{W}$. of tablet, on NW . corner of concrete foundation of crossing signal; bottom of square hole. ..... 4, 355. 72
From Promontory Point quadrangle east and south along Union Pacific Rail- road to Ogden (by E. E. Harris in 1923)
T. 6 N., R. 1 W., SE $1 / 4$ sec. 19, in NE. angle of grade crossing, 170 ft. W. of milepost 781, in center of top of concrete head wall of culvert; bottom of square hole ..... $4,277.78$
T. 6 N., R. 1 W., NE $1 / 4$ sec. 30 , at NW. corner of crossing of Southern Pacific and Denver \& Rio Grande Western R. Rs.; top of rail ..... 4, 287. 0
From point near west boundary of 0 g den north and east along streets to point on north boundary of Ogden, thence north and northwest along roads by way of North Ogden to point near Utah Hot Springs in Promontory Point quadrangle (by E. E. Harris in 1923)
Ogden, in SE. angle of grade crossing of Twelfth Street and Union Pacific R. R., on top of arched concrete culvert; bottom of square hole
4, 275. 03
Ogden; at grade crossing of Second Street and Union Pacific R. R., 200 ft . E. of tracks, 2 ft . N. of line fence, in small pasture, in small concrete post; standard tablet stamped "1923 H 13 "
$4,265.014$
Reference mark, 222 ft . $\mathrm{S} .65^{\circ} \mathrm{W}$. of tablet, on drain pipe; bottom of square hole
$4,264.56$
Ogden, in NW . angle of intersection of Harrisville rd. and Twelfth Street, at junction of Washington Avenue, on top at end of curb on Twelfth Street; bottom of square hole
4, 288.36
Ogden, on W. side of Washington Avenue, in line with North Street, at $N$. city limits, on top at end of stone curb; bottom of square hole.
4, 303. 21
Ogden, just N. of N. limits of, in SE $1 / 4 /$ see. 9, T. 6 N., R. 1 W., 150 ft . N. of junction of N.-S. rd., on W. side of rd., 2 ft . inside fence, in concrete post; standard tablet stamped "1923 H 14"
$4,429.213$
Reference mark, 216 ft . $\mathrm{S} .10^{\circ} \mathrm{E}$. of tablet, on NE. corner of large concrete block; bottom of square hole
4, 423. 99
T. $6 \mathrm{~N} ., \mathrm{R} .1 \mathrm{~W} ., \mathrm{NE} 1 / 4 \mathrm{sec} .9$, on N . side of rd. at turn from N. to E., 120 ft . N. of lane W. to dwelling, at T-angle in fence line, on top of large anchor boulder of corner fence post; bottom of square hole. -
T. 6 N., R. $1 \mathrm{~W} ., \mathrm{NE} 1 / 4$ sec. 4 , on W. side of rd. at summit of grade, just $N$. of dwelling, on granite boulder; chiseled square.
4, 404.86
T. 6 N., R. 1 W., NE 14 sec. $4,250 \mathrm{ft}$. N. of junction of rd. W., on W. side of rd., on top of $15-\mathrm{in}$. tile drain pipe; bottom of square hole
4, 485. 98
T. 7 N., R. 1 W., SE $1 / 4$ sec. 33 , in SE. angle of crossroads, in angle infence line, 2 ft . from each fence, in concrete post; standard tabletFeet
stamped "1923 H 15" ..... $4,436.370$
Reference mark, 53 ft . W. of tablet, in root on N. side of 22 -in. poplar tree; copper nail and washer ..... $4,434.80$
North Ogden, near N. side NE1/4 sec. 33, T. 7 N., R. 1 W., on N. sideof E.-W. rd., in line with rd. SE., on W. side of private lane N., inroot on E. side of Lombardy poplar tree; copper nail and washer_$4,521.18$
North Ogden, at SW. corner of cemetery, 70 ft . N. and 30 ft . W. fromcrossroads, in root on $N$. side of 24-in. poplar tree; copper nail andwasher4, 528. 27
T. 7 N., R. $1 \mathrm{~W} ., \mathrm{NW} 1 / 4$ sec. 21 , at base of steep grade, at fcot of moun- tain, 100 ft . W. of fence line, 100 ft . S . of lone poplar tree, in large boulder; standard tablet stamped "1923 H 16" ..... $5,148.421$
Reference mark, 34 ft . W. of tablet, on large boulder; chiseled square_ ..... $5,147.94$
T. 7 N., R. 1 W., NE $1 / 4 \mathrm{sec} .19,200 \mathrm{ft}$. W. of angle in rd., 20 ft . W. ofstream crossing, 100 ft . E. of dwelling, on S . side of rd., in root onW. side of $18-\mathrm{in}$. boxelder tree; copper nail and washer4, 952. 36
From mouth of Ogden Canyon east along State Highway 39 to Artesian Park (by A. K. Andrews in 1925; leveled twice)
T. 6 N., R. 1 W. SE $1 / 4$ sec. $23,2 \mathrm{ft}$. S. of highway, on NE. corner of concrete valve manhole on Ogden municipal pipe line; chiseled square ..... 4, 549. 90
T. $6 \mathrm{~N} ., \mathrm{R} .1 \mathrm{~W} ., \mathrm{NE} 1 / 4$ sec. $24,13 \mathrm{ft}$. SE. of center line of highway, on NE. end of concrete head wall of culvert; chiseled square ..... 4, 668. 01
T. 6 N., R. 1 E., NW¼ sec. 19, 380 ft . SW. of Hermitage dance hall, on SE . side of highway, 17 ft . E. of S. concrete head wall of cul- vert; standard iron post with bronze cap stamped " 24 A 1925". ..... 4, 710. 521
Reference mark, $17 \mathrm{ft} . \mathrm{S} .75^{\circ} \mathrm{W}$. of post, on concrete culvert; chiseled square ..... 4, 7.11. 79
T. 6 N., R. 1 E., SW $1 / 4$ sec. $17,18 \mathrm{ft}$. S. of highway, on N. side of river,on E. end of rubble retaining wall; chiseled square4, 757. 95
T. 6 N., R. 1 E., SW $1 / 4$ sec. $16,33 \mathrm{ft}$. S. of center line of highway, 16 ft .S. of center line of car track, at N. end of Utah Power \& Light Co.dam over Ogden River, in top of concrete; standard tablet stamped" 25 A 1925"4, 823. 722
T. 6 N., R. 1 E., about 500 ft . NE. of $\mathrm{W} 1 / 4$ cor. sec. 15 , on NW. side of highway, on top of NE. end of concrete head wall of culvert; chiseled square ..... $4,828.61$
T. 6 N., R. 1 E., near W. side SW $1 / 4$ sec. $11,80 \mathrm{ft}$. SW. of junction of rd. SE. to Artesian Park, 8 ft . E. of SE. wing wall cf concrete bridge over N . fork of Ogden River; standard iron post with bronze cap stamped " 26 A 1925" ..... $4,833.853$
Reference mark, $68 \mathrm{ft} . \mathrm{N} .80^{\circ} \mathrm{W}$. of post, on NW. corner of concrete highway bridge over N . fork of Ogden River; chiseled square ..... $4,834.32$
From Promontory Point quadrangle southeast along J. S. Highway 81 to Kaysville (by A. K. Andrews in 1925)
T. 4 N., R. 1 W., NW $1 / 4$ sec. 18, on W. side of highway, 290 ft . NW. of junction of rd. N., on $S$. end of concrete head wall of culvert; chiseled square ..... $4,451.59$T. 4 N., R. 1 W., on E. side SEY/4 sec. 18, 1.6 mi . NW. of Layton,45 ft . W. of crossroads, in field, 10 ft . NW. of irrigation ditch;standart irnn post with bronze cap stamped " 28 A 1925"$4,423.547$
Layton, about 1 mi . NW. of, 50 ft . SE. of crossroads, on E. side of ..... Feet
highway, on top of concrete head wall of culvert; chiseled square. ..... 4, 403. 58
Layton, on N. side of business section, N. of crossroads, on E. side ofhighway, on top of S . end of concrete head wall of culvert; chiseledsquare4, 362. 85
U. S. C. \& G. S. standard disk designated "I 1" ..... 4, 355. 815
Layton, 1.0 mi . SE. of, 25 ft . SW. of crossroads, on top of S . end of concrete head wall of culvert; chiseled square ..... $4,330.49$
Kaysville, near NW. limits of, W. of junction of street S.; standard iron post with bronze cap stamped " 29 A 1925 " ..... 4, 343. 604
U. S. C. \& G. S. B. M. designated "J 1" ..... 4, 293. 554
From Kaysville southeast 2.8 miles along J. S. Highway 91, thence north alongU. S. Highway 89 to Jintah (by A. K. Andrews in 1925)
Kaysville, 0.4 mi . NW. of Davis County High School, 30 ft . S. of street intersection, on W. side of highway, on N. end of concrete head wall of culvert; chiseled square ..... 4, 345. 71
Kaysville, 0.9 mi . SE. of high school, in $\mathrm{SW} 1 / 4 \mathrm{sec} .2$, T. 3 N., R. 1 W.,25 ft . NE. of center line of highway, on top of SE. end of concretehead wall of inverted siphon; chiseled square4, 402. 10
Kaysville, 1.6 mi . SE. of, 2.5 mi . NW. of Farmington, in NE $1 / 4 \mathrm{sec} .11$,T. 3 N., R. 1 W., 150 ft . E. of highway, on W. side of tracks ofBamberger Electric R. R. at concrete viaduct over U. S. Highway89 to Weber Canyon, on N. side of rd., on S. side of wall, on top ofwing wall footing, 2 ft . from W. end; standard tablet stamped"30 A 1925"4, 369. 143
Reference mark, $18 \mathrm{ft} . \mathrm{N} \cdot 10^{\circ} \mathrm{E}$. of tablet, on footing of wing wall of concrete viaduct; chiseled square ..... 4, 370. 16
T. 4 N., R. 1 W., NW $1 / 4$ sec. $25,40 \mathrm{ft}$. NW. of junction of rd. SW.,75 ft . SW. of concrete culvert over ditch, on W. side of highway, inpasture, 3 ft . from each fence; standard iron post with bronze capstamped " 31 A 1925"$4,820.807$
Reference mark, $70 \mathrm{ft} . \mathrm{N} .25^{\circ} \mathrm{E}$. of post, on concrete head wall of culvert; chiseled square ..... $4,827.43$
T. 4 N., R. $1 \mathrm{~W} ., \mathrm{SW} 1 / 4 \mathrm{sec} .24$, on E. side of highway, on top of S. end of concrete head wall of culvert; chiseled square ..... 4, 787. 76
T. 4 N., R. 1 W., near $W 1 / 4$ cor. sec. $13,45 \mathrm{ft}$. SW. of junction of rd.W., on W. side of highway, on concrete head gate of irrigation ditch;chiseled square$4,823.82$
T. 4 N., R. 1 W., SW $1 / 4 \mathrm{sec} .12,26 \mathrm{ft}$. E. of center line of highway at summit of grade; standard iron post with bronze cap stamped " 32 A 1925" ..... $4,955.161$
T. 5 N., R. 1 W., SW $3_{4}^{\prime}$ sec. $36,25 \mathrm{ft}$. E. of bridge over Davis and Weber power and irrigation canal, about 100 ft . S. of junction of rd. W., on E. side of highway, in top of N. concrete lining of canal; standard tablet stamped " 33 A 1925" ..... $4,595.747$
Reference mark, $11 \mathrm{ft} . \mathrm{S} .80^{\circ} \mathrm{W}$. of tablet, on top of N . concrete lining of canal; chiseled square ..... $4,595.74$
Uintah, 1.0 mi . E., thence 0.5 mi . S. from, in NE1/4 sec. 35 , T. 5 N .,R. 1 W., about 660 ft . SE. of junction of rd. SE., on E. end of con-crete culvert; chiseled square.$4,534.07$
Uintah, 0.8 mi . E. of, in NE $1 / 4 \mathrm{sec} .26$, T. 5 N., R. 1 W., 60 ft . E. ofjunction of T-rd. W., on Union Pacific R. R. right-of-way, $35 \mathrm{ft} . \mathrm{S}$.of center line of track; standard iron pcst with bronze cap stamped"34 A 1925"4, 535.637
From north boundary of Ogden south and southwest along U. S. Highway 91 to Union Pacific Railroad (by A. K. Andrews in 1925)
Ogden, on E. side of Washington Avenue, 92 ft . N. of junction of ..... Feet
street E., on corner of curb S. of private entrance; chiseled square . ..... 4, 294. 49
Ogden, on E. side of Washington Avenue, 210 ft . S. of Twelfth Streetintersection, on N . side of main entrance to large brick schoolhouse,6 in. from edge of concrete platform and 6 in . from wall; standardtablet stamped " 22 A 1925"4, 302. 649
Reference mark, 36 ft . E. of tablet, on curb; chiseled square ..... 4, 298. 96
Ogden, in parking on W. side of Washington Avenue, on E. boundary of City Building grounds, in top of iron pipe; copper bolt in copper cap ..... 4, 306. 882
Ogden, in SW. angle of intersection of Washington Avenue and street W., in NE. corner of grounds of public school, on corner of concrete curb; chiseled square ..... $4,327.86$
Ogden, 395 ft . SW. of Washington Avenue, 60 ft . SW. of intersection of Thirty-fifth Street, in parking; standard iron post with bronze cap stamped " 23 A 1925" ..... 4, 361.608
Reference mark, 395 ft . NE. of post, set flush with ground; city monu- ment marked "O. C. S." ..... 4, 360. 05
From sec. 9, T. 6 N., R. 1 W., along roads southeast and south to Uintah (by A. K. Andrews in 1925)
Ogden, 1.3 mi . N., thence 1.5 mi . E. from post office, on N. side ofOgden River; top of bridge over canal to power plant$4,404.78$
Ogden, 1.2 mi . N., thence 1.5 mi . E. from, 50 ft . SE. of junction ofT-rd. N., on concrete head gate of brick flume; chiseled square..$4,367.17$
Ogden Canyon, at mouth of, 80 ft . E. of highway bridge over OgdenRiver, 18 ft . S. of junction of rd. NW., 6 ft . E. of telegraph pole;standard iron post with bronze cap stamped " 19 A 1925".-......4, 424. 729
Reference mark, 57 ft . N. $80^{\circ} \mathrm{W}$. of post, on S . head wall of culvert over irrigation canal; chiseled square ..... 4, 422. 64
Ogden Canyon, at bridge over Ogden River, 150 ft . E. of sanatorium;E. end of S. guard rail$4,420.96$Ogden, 1.0 mi . N., thence 2.0 mi . E. from, 0.5 mi . S. of river, on N.break of S. bluff, 0.2 mi . W. of toe of mountain slope, on NW. con-crete footing of power line tower; chiseled square4, 706. 68
Ogden, between mouths of Ogden and Taylor Canyons, at SW. corner of city reservoir, on concrete curb; chiseled square ..... 4, 731. 55Ogden, at E. limits of, 0.1 mi . S. of Taylor Canyon, 25 ft . W. of junc-tion of second-class rd., 55 ft . N. of power line tower, $10 \mathrm{ft} . \mathrm{W}$. ofpower line, on 5 - by 4 -ft. quartzite boulder in place; chiseled square.$4,762.97$
T. 5 N., R. $1 \mathrm{~W} ., \mathrm{NE}^{1} / 4 \mathrm{sec}$. 3, about 650 ft . W. of toe of mountainslope, on bench, 150 yd . S. of Waterfall Canyon, under westernmostof three power lines, 31 ft . N. of steel tower; standard iron post withbronze cap stamped "20 A 1925"4, 780.748
Reference mark, 31 ft . $\mathrm{S} .30^{\circ} \mathrm{W}$. of post, on NW. concrete footing of tower; chiseled square ..... 4, 780. 01
T. 5 N., R. $1 \mathrm{~W} ., \mathrm{SE} 1 / 4 \mathrm{sec} .3,0.2 \mathrm{mi}$. N. of point where power line turns W., 40 ft . W. of westernmost of three power lines, in eastern- most of row of six poplar trees; spike ..... 4, 784. 06
T. 5 N., R. $1 \mathrm{~W} ., \mathrm{NW} 1 / 4 \mathrm{sec} .15,20 \mathrm{ft}$. W. of rd., 6 ft . NW. of telephone pole, on 3 - by 4 -ft. boulder in place; chiseled square ..... 4, 806. 02
T. 5 N., R. 1 W., S. of center of sec. 15, 35 ft . SE. of rd. at Birch Creek ..... Feet culvert, in top of stone post 1 ft . above ground; top of chain link_ $4,814.98$
T. 5 N., R. 1 W., near N $1 / 4$ cor. sec. 22, SE. of junction of rds. S., NW., and E., 52 ft . E. of center line of rd. N., in corner of fence and 3 ft . from each fence; standard iron post with bronze cap stamped " 21 A 1925" ${ }^{64}$ ..... $4,825.178$
Reference mark, 60 ft . N. $50^{\circ} \mathrm{W}$. of post, on E. end of corrugated iron culvert; chiseled square ..... $4,819.58$
T. 5 N., R. 1 W., NE $1 / 4$ sec. 26 , about 1 mi . E. of Uintah, 170 ft . N. of Union Pacific R. R. up-grade track, on E. side of rd., on concrete head wall of culvert; chiseled square ..... 4, 599. 07
Uintah, in front of Union Pacific R. R. sta., opposite semaphore; top of S . rail of main-line track ..... $4,499.4$
U. S. C. \& G. S. B. M. designated "D" ..... $4,497.465$
From point near Kaysville southeast along U. S. Highway 91 into Fort Douglas No. 2 quadrangle (by A. K. Andrews in 1925)Farmington, 1.7 mi . NW. of Davis County courthouse, on E. side ofhighway, in drain, on concrete head wall of culvert; chiseled square.4, 295. 72
From sec. 11, T. 6 N., R. 1 E., along roads north 1.5 miles, thence east 2.5 miles to southwest corner of sec. 32, T. 7 N., R. 2 E., thence south 2 miles, thence west 2.5 miles to initial point (by A. J. Ogle in 1928)
Eden, 0.5 mi . S., thence 0.5 mi . E. from, near $\mathrm{S} 1 / 4 \mathrm{cor}$. sec. 35, T. $7 \mathrm{~N} .$,R. $1 \mathrm{E} ., 33 \mathrm{ft}$. N. of center line of rd., in front of dwelling of A. H.Fuller, 2 ft . from fence; standard iron post with bronze cap, notstamped$4,934.068$T. 7 N., R. 2 E., near SW. cor. sec. 31, 0.5 mi . S., thence 2.0 mi . E.from Eden, 320 ft . E. of junction of private rd. S., on NW. cornerof concrete head wall of culvert; chiseled square4, 942.41T. 7 N., R. 2 E., near SW. cor. sec. $32,0.5 \mathrm{mi}$. S., thence 3.0 mi . E.from Eden, near junction of N.-S. rd., 15 ft . SE. of NW. corner offence, on large rock; chiseled square$5,036.62$
T. 6 N., R. 2 E., near N. side NE $1 / 4 \mathrm{sec} .7,0.2 \mathrm{mi}$. E., thence 1.1 mi . N. from Huntsville, near junction of rd. SW., 3 ft . NE. of fence post; standard iron post with bronze cap, not stamped ..... $4,954.808$
Huntsville, 530 ft . E. of E. limits of, in NE $1 / 4 \mathrm{sec}$. 18, at junction ofE.-W. rd., on N. side of rd., on E. side of concrete floor of culvert;chiseled square4, 920. 39
Huntsville, in SW. angle of junction of second N.-S. street E. of W.boundary, in concrete side wall of irrigation ditch, on boulder;chiseled square4, 921. 96

From point 1.2 miles east of Huntsville eest 2 miles along road (by A. J. Ogle in 1926; spur line, leveled twice)
Huntsville, 1.3 mi . E. of, in NE $1 / 4$ sec. 17, T. 6 N., R. 2 E., in NW. angle of crossroads, on SE. concrete abutment of culvert; chiseled square ..... $4,970.09$
Huntsville, 2.5 mi . E. of, near N. side NE $1 / 4 \mathrm{sec} .16$, T. 6 N., R. 2 E., 270 ft . S. of junction of rd. S., in SW. concrete abutment of small culvert over irrigation ditch; standard tablet, not stamped ..... 5, 030.251

[^53]> From quarter corner on south side of sec. 35, T. 7 N., R. 1 E., northwest along roads by way of Eden and Liberty to southeast quarter of sec. 7, T. 7 N., R. 1 E. (by A. J. Ogle in 1926)

Eden Store, at junction of street E., on E. concrete head wall of culvert; Feet chiseled square
Eden Store, 0.7 mi . NW. of, N. of center of sec. 34, T. 7 N., R. 1 E., 50 ft . W. of junction of rd. N., on NE. corner of concrete floor of culvert; chiseled square
$4,967.80$
Eden, 1.5 mi . NW. of, in SE $1 / 4 \mathrm{sec} .28$, T. 7 N., R. 1 E., about 2 mi . SE. of Liberty, in $N$. side of $E$. concrete abutment of iron bridge over North Fork of Ogden River; standard tablet, not stamped _ - 4, 984. 374
Liberty, at junction of E.-W. rd., on S. end of small concrete culvert; chiseled square
$5,117.67$
Liberty, 0.2 mi . W. of, in NW $1 / 4 \mathrm{sec} .20$, T. 7 N., R. 1 E., in SE. angle of crossroads, on S . end of concrete floor of small culvert; chiseled square
$5,109.00$
T. 7 N., R. 1 E., near SE. cor. sec. 7, 1.5 mi . NW. of Liberty, 270 ft . N. of junction of rd. NW., in W. side of S. concrete abutment of iron bridge over North Fork of Ogden River; standard tablet, not stamped

5, 203. 213

## ORDERVLLLE QUADRANGLE

## [Latitude $37^{\circ} 00^{\prime}-37^{\circ} 30^{\prime}$; longitude $112^{\circ} 30^{\prime}-113^{\circ} 00^{\prime}$ ] <br> KANE AND WASHINGTON COUNTIES

From La Verkin quadrangle generally east along State Highway 15 to Mount Carmel Junction, thence northeast along U. S. Highway 89 into Adams Head quadrangle (first-order leveling in 1928 and 1931 by E. E. Harris) ${ }^{6}$
Springdale, 72 ft . W. of curve in highway at service station, on slope of hill, $35 \mathrm{ft} . \mathrm{S}$. and 41 ft . W. from fence line, in red sandstone outcrop; standard tablet stamped "1928 H 21"

3, 912. 538
Reference mark, 250 ft . $\mathrm{S} .35^{\circ} \mathrm{E}$. of tablet, on E. side of highway, on concrete head wall of culvert; chiseled square
$3,905.85$
Springdale, 1.0 mi . NE. of, 500 ft . N. of junction of private rd. E., 300 ft . S. of curve to NE. and 16 ft . W. of center line of highway, in center of top of concrete head wall of culvert; chiseled square_.- $3,930.74$
Springdale, 1.9 mi . NE. of, 0.7 mi . S. of Zion National Park headquarters, on W. side of highway, on NE. corner of top of W. parapet wall of concrete bridge; chiseled square

3, 992.90
Zion National Park headquarters, 34 ft . NE. of office, 18 ft . W. of center line of highway, in square sandstone boulder; standard tablet stamped "1928 H 22"

4, 047. 735
Reference mark, 140 ft . S. of tablet, on boulder of masonry culvert;
chiseled square. $4,040.40$
Zion National Park headquarters, 0.6 mi . E. of, 13 ft . W. of center line of highway, 49 ft . S. of N . end of stone guard rail, on sandstone boulder; chiseled square.
$4,106.55$
Zion National Park headquarters, 1.3 mi . E. of, 42 ft . E. of center of horseshoe bend in highway, 21 ft . N. of S . end of wall, on sandstone boulder; chiseled square
$4,296.17$
Zion National Park headquarters, 3.5 mi . E. of, at N. corner of W. portal of tunnel, at angle in concrete curbing; standard tablet stamped "1931 H 1"

[^54]Reference mark, 36 ft . W. of tablet, on N. side of highway, on boulder ..... Feet
in guard rail; chiseled square ..... 4, 835.67
Mount Carmel tunnel, on N. side of highway, in center of top of con- crete curbing at second window; standard tablet stamped "1931 H $2^{\prime \prime}$ ..... 4, 871.345
Mount Carmel tunnel, on N. side of highway, in center of top of con- crete curbing at fourth window; standard tablet stamped "1931 H $3^{\prime \prime}$ ..... 4, 972. 257
Mount Carmel tunnel, on N. side of highway, in center of top of con- crete curbing at fifth window; standard tablet stamped "1931 H 4 " ..... $5,036.410$
Mount Carmel tunnel, 300 ft . E. of E. portal, in center of top of wall at angle in concrete guard rail to approach; standard tablet stamped "1931 H 5" ..... 5, 123. 612
Reference mark, 80 ft . W. of tablet, on S. side of highway, on concrete curbing; chiseled square ..... $5,117.19$
Mount Carmel tunnel, 1.0 mi . E. of, 24 ft . N. of center line of highway, just $W$. of draw, on large sandstone boulder; chiseled square ..... 5, 253. 44
Mount Carmel tunnel, 2.1 mi . E. of, at base of cliff, 12 ft . W. of center line of highway, in center of top of stone head wall of culvert; chiseled square ..... $5,298.51$
Mount Carmel tunnel, 3.0 mi . E. of, 250 ft . E. of cut, 21 ft . S. of center line of highway, in prominent ledge; standard tablet stamped "1931 H 6" 5, 424. 041
Reference mark, $107 \mathrm{ft} . \mathrm{N} .45^{\circ} \mathrm{W}$. of tablet, on sandstone ledge; chiseled square ..... 5, 423. 97
Mount Carmel tunnel, 3.8 mi . E. of, 15 ft . NW. of center line of high- way, in center of top of concrete head wall of culvert; chiseled square ..... 5, 498. 41
Mount Carmel tunnel, 5.2 mi . E. of, at concrete bridge over Co-op Creek, on base of parapet wall at NE. corner of bridge; chiseled square ..... 5, 658. 81
Mount Carmel tunnel, 6.2 mi . E. of, 490 ft . E. of E. boundary of Zion National Park, 1,500 ft. E. of traffic checking station, on N. side of highway, in center of top of concrete head wall of culvert; stand- ard tablet stamped "1931 H 7" ..... 5, 818. 738
Mount Carmel tunnel, 7.0 mi . E. of, 2.5 mi . W. of Chamberlain serv- ice station, on S. side of highway, in top of second of three cedar posts of guard rail; copper nail and washer ..... $5,886.57$
Chamberlain service station, $1.7 \mathrm{mi} . W$. of, 21 ft . E. of junction of dirt rd. N., 18 ft . N. of center line of highway, in center of top of concrete head wall of culvert; chiseled square ..... $5,996.43$
Chamberlain service station, 0.7 mi . W. of, on S. side of highway, in center of top of concrete head wall of culvert; chiseled square ..... 5, 999.56
Chamberlain service station, 300 ft . W. of, on N. side of highway, in center of top of concrete head wall of culvert; standard tablet stamped " 1931 H 8" ..... 6, 067.721
Reference mark, 406 ft . E. of tablet, on N. side of highway, in center of top of concrete head wall of culvert; chiseled square ..... 6, 073. 47
Chamberlain service station, 0.7 mi . E. of, 29 ft . S. of center line of highway at curve, on prominent boulder; chiseled square ..... 6, 067. 31
Chamberlain service station, 1.5 mi . E. of, 550 ft . E. of drain, justW. of summit of grade, 17 ft . S. of center line of highway, in centerof top of concrete head wall of culvert; chiseled square6, 023.19
Chamberlain service station, 2.2 mi . E. of, on N. side of highway, in ..... ${ }^{7}$ Feet ..... $6,000.46$
Chamberlain service station, 3.2 mi . E. of, 6.7 mi . W. of MountCarmel Junction, 25 ft . W. of center line of highway at summit ofgrade, in concrete post; standard tablet stamped "1931 H 9"....6, 147. 301
Reference mark, 420 ft . N. of tablet, in center of top of W. concrete head wall of culvert; chiseled square ..... 6, 131. 49Mount Carmel Junction, 6.0 mi . W. of, 16 ft . S. of center line of high-way at curve, in center of top of concrete head wall of culvert;chiseled square6, 001. 36
Mount Carmel Junction, 5.4 mi . W. of, 290 ft . W. of junction of T-rd. N., 15 ft . S. of center line of highway, in center of top of concrete head wall of culvert; chiseled square
$5,853.36$
Mount Carmel Junction, 4.2 mi . W. of, 1.2 mi . E. of junction of T-rd. N., 14 ft . S. of center line of highway, in center of concrete head wall of culvert; standard tablet stamped " 1931 H 10"
5, 679. 592
Mount Carmel Junction, 3.3 mi . W. of, 15 ft . SW. of center line of highway, in center of top of concrete head wall of culvert; chiseled square
5, 674. 77
Mount Carmel Junction, 2.3 mi . W. of, 11 ft . S. of center line of highway, in top of cedar post of guard rail; copper nail and washer
5, 587. 88
Mount Carmel Junction, 1.2 mi . W. of, 19 ft . S. of center line of highway at curve, in center of top of concrete head wall of culvert; chiseled square
5, 494. 16
Mount Carmel Junction, at W. end of large triangle formed by junction of U. S. Highway 89 and State Highway 15, 21 ft . N. and 22 ft . S . from highways, 3 ft . W. of rd. sign, in concrete post; standard tablet stamped "1931 H 11". $5,196.860$
Mount Carmel, 1.3 mi . S. of, 15 ft . E. of center line of highway, in S. end of top of guard rail of bridge over draw; copper nail and washer__ 5, 244. 21
Mount Carmel, 26 ft . NW. of Tom's service station, 30 ft . SE. of center line of highway, in center near S. end of concrete base of gasoline pumps; standard tablet stamped "1931 H 12"
5, 314. 632
Reference mark, 280 ft . N. $15^{\circ} \mathrm{E}$. of tablet, in root on N. side of $30-\mathrm{in}$. cottonwood tree; copper nail and washer
5, 314.68
Mount Carmel, 0.8 mi . NE. of, 16 ft . NW. of center line of highway at curve, on sandstone boulder; chiseled square
5, 366. 46
Mount Carmel, 1.8 mi . NE. of, 0.7 mi . SW. of Chamberlain store in Orderville, 140 ft . E. of junction of ranch rd. W., 31 ft . SE. of center line of highway, between ditch and fence line, in knot on W. side of large cottonwood tree; copper nail and washer
$5,457.39$
Orderville, 34 ft . W. of center line of highway at Chamberlain store, 12 ft . E. of wall, 15 ft . S. of N. end of concrete step; standard tablet stamped "1931 H 13"
5, 460. 261
Orderville, 0.9 mi . NE. of, 54 ft . E. of junction of rd. N., 18 ft . N. of center line of highway, on large conglomerate boulder; chiseled square
$5,518.35$
Orderville, 1.9 mi . NE. of, 2.2 mi . SW. of Glendale, 34 ft . S. of flume, 14 ft . W. of center line of highway, on lava boulder; chiseled square _- 5, 583. 74
Glendale, 1.2 mi . SW. of post office, 250 ft . N. of dwelling at curve in highway, 17 ft . W. of center line of highway, on drain pipe; chiseled square
$5,672,40$
Glendale, near S . end of town, 18 ft . W. of center line of highway just $N$. of curve, on drain pipe; chiseled square5, 725. 83

Glendale, $1,500 \mathrm{ft}$. NE. of post office, in front of Smith Hotel, 41 ft . W . of center line of highway, 5 ft . S. of concrete walk leading to
hotel, 2 ft . W. of fence line, in concrete post; standard tablet stamped "1931 H 14"

Feet
5, 823.673
Reference mark, 135 ft . S. of tablet, set in stone buried flush with highway; U. S. Bureau of Public Roads tablet stamped " 5858.56 ".-
Glendale, 0.9 mi . N. of N. limits of, 18 ft . NE. of center line of highway, 130 ft . S. of bridge, on concrete head wall of culvert; chiseled square
$5,852.60$
Glendale, 2.0 mi . NE. of, 41 ft . N. of center line of highway, in angle between two rds. leading to Hidden Lake, in concrete post; standard tablet stamped "1931 H 15"

6, 013. 069
Reference mark, 320 ft . W. of tablet, in center of top of N. concrete head wall of culvert; chiseled square

5, 993.32
Glendale, 3.1 mi . NE. of, 15 ft . W. of center line of highway, in center of top of head wall of concrete culvert; chiseled square .

6, 091.37
Glendale, 4.0 mi . NE. of, 19 ft . E. of center line of highway in center of top of concrete head wall of culvert; chiseled square.-.........-
Glendale, 4.5 mi . NE. of, on NW. side of concrete bridge over creek, 33 ft . from N.W. end of bridge; chiseled square

6, 268. 78
Glendale, 5.2 mi . NE. of, 9 ft . NW. of center line of highway, 150 ft . N . of lone pine tree, in center of top of concrete head wall of culvert; standard tablet stamped "1931 H 16"
$6,371.483$
Glendale, 6.2 mi . NE. of, 17 ft . E. of center line of highway, in center of top of concrete head wall of culvert; chiseled square

6, 541. 80
Glendale, 7.1 mi . NE. of, at N. end of Black Canyon, just N. of junction of rd. E., 14 ft . E. of center lise of highwa.:- in center of top of concrete head wall of culvert; chiseled square

6, 737. 65
Glendale, 7.9 mi . NE. of, 230 ft . N. of junction of farm rd. E., 11 ft . W. of center line of highway at summit of grade, in center of top of concrete head wall of culvert; standard tablet stamped "1931 H 17 "

6, 857. 253
Reference mark, 229 ft . S. of tablet, in center of top of concrete head wall of culvert; chiseled square

6, 855. 59
Glendale, 9.0 mi . NE. of, 60 ft . N. of junction of rd. E. to hatchery, ${ }_{3} 3 \mathrm{ft}$. E. of center line of highway, in center of top of concrete head wall of culvert; chiseled square

6, 904. 93
Glendale, 9.7 mi . NE. of, in angle formed by junction of rd. to Alton, 22 ft . E. of center line of highway, 14 ft . N. of ditch, at edge of brush, in concrete post; standard tablet stamped "1931 H 18".-
Reference mark, 34 ft . $\mathrm{S} .60^{\circ} \mathrm{W}$. of tablet, in center of top of concrete head wall of culvert; chiseled square

6, 946.94
Glendale, 11.0 mi . NE. of, 3.7 mi . SW. of Long Valley Junction, 0.9 mi . N. of sawmill, on concrete wing wall at SE. corner of bridge over small creek; chiseled square

7, 051. 20
Long Valley Junction, 2.7 mi . SW. of, 11 ft . N. of junction of private rd. E., 44 ft . E. of center line of highway at summit of grade, 2 ft . E. of fence line, in concrete post; standard tablet stamped "1931 H 19"

7, 145. 481
Reference mark, 172 ft . N. of tablet, on E. concrete head wall of culvert; chiseled square

7, 148.66
Long Valley Junction, 1.8 mi . SW. of, $1,400 \mathrm{ft}$. S. of junction of rd. to Alton, 9 ft . W. of center line of highway, on top of S. end of concrete head wall of culvert; chiseled square

7, 177. 03
Long Valley Junction, 1.0 mi . SW. of, 13 ft . W. of center line of high-way, on top of S . end of concrete head wall of culvert; chiseledsquareFeet7, 261.45
Long Valley Junction, S. of summit of grade, 31 ft . E. of State Highway 14, 37 ft . W. of U. S. Highway 89, in concrete post; standard tablet stamped "1931 H 20" ${ }^{66}$ ..... 7, 463. 499
Reference mark, 138 ft . S. of tablet, in center of concrete head wall of culvert; chiseled square ..... 7, 458. 08
Long Valley Junction, 0.6 mi . NE. of, 17 ft . E. of center line and 4 ft . below level of highway at jog, at angle in top of concrete head wall of culvert; chiseled square ..... 7, 336. 53
Long Valley Junction, 1.4 mi . NE. of, 12 ft . E. of center line of highway, on top of E . end of concrete head wall of culvert; chiseled square ..... 7, 296. 21
From Zion Nationel Park headquarters on State Highwey 15 at point 2.6 miles northeast of Springdale northeast along road 4.7 miles to Weeping Rock, thence along winding trail to Observation Point (by E. E. Harris in 1928; leveled twice)
Zion National Park headquarters, 0.8 mi . NE. of, 2.0 mi . SW. of Zion Lodge, 18 ft . W. of center line of highway, on top of large masonry culvert; chiseled square $4,111.91$
Zion Lodge, 1.5 mi . SW. of, at curve NW. in highway, on top of E .end of N . concrete retaining wall of small bridge; chiseled square .4, 202. 54Zion Lodge, 0.9 mi . SW. of, on E. side of highway near small clearing,on top of S. end of large red sandstone boulder of culvert; chiseledsquare$4,247.90$
Zion Lodge, on S. side of center entrance to building, at base of porch column support, in stone of floor; standard tablet stamped "1938 H 23 " ..... 4, 276. 396
Reference mark, 110 ft . N. of tablet, on boulder of stone culvert; chiseled square ..... $4,274.72$
Zion Lodge, 0.6 mi . NE. of, at information office, 20 ft . W. of center line of highway, 32 ft . S. of SE. corner of building, on N. side of private walk, in concrete post; standard tablet stamped "1928 H 24" ..... $4,297.527$
Zion Lodge, 1.4 mi . NE. of, 14 ft . E. of center line of highway, in center of masonry culvert; chiseled square ..... $4,354.65$
Zion Lodge, 1.9 mi . NE. of, 16 ft . NW. of center of angle in highway at foot of Observation Trail, in W. end of N. stone abutment of bridge over stream; standard tablet stamped "1928 H 25 " ..... 4, 359. 739
Reference mark, 68 ft . $\mathrm{S} .60^{\circ} \mathrm{W}$. of tablet, in root on S. side of 36 -in. cottonwood tree; copper nail and washer4, 361. 11
Zion Lodge, 2.4 mi . NE. of, on E. side of trail at point of switchback, on ledge at base of sandstone cliff; chiseled square ..... 4, 776. 65
Zion Lodge, 2.9 mi . NE. of, on E. side of trail, 100 ft . S. of point of can- yon, on ledge at base of cliff; chiseled square ..... $5,199.15$
Zion Lodge, 3.3 mi . NE. of, on S. side of trail, at SW. corner of foot- bridge, on sandstone boulder; chiseled square ..... 5, 283. 57Zion Lodge, 3.8 mi . NE. of, 60 ft . N. of sharp turn in trail, on W.side of trail at base of cliff, on small sandstone ledge; standardtablet stamped "1928 H 26"$5,655.789$

[^55]Zion Lodge, 4.5 mi . NE. of, on N. side of trail at point of switchback, ..... Feet
on ledge at base of cliff; chiseled square ..... 6, 225. 23
Zion Lodge, 5.5 mi . NE. of, on Observation Point, in limestone ledge;standard tablet stamped "1928 H 27"6,506. 883Observation triangulation sta., 0.2 mi . N. of Observation Point, 5.7mi. NE. of Zion Lodge, in sandstone rock flush with ground;standard tablet stamped "OBSERVATION"6, 707. 710
Reference mark, 29 ft . NW. of tablet, cemented in limestone ledge; standard reference tablet stamped "OBSERVATION" ..... 6, 707. 404
From point 2.6 miles south of Long Valley Junction on U. S. Highwey 89 north to Long Valley Junction, thence west and northwest elong State Highway 14 into Parowen quadrangle (by V. S. Seward in 1936)
Long Valley Junction, 1.7 mi . S. of, 11.0 mi . NE. of Hidden Lake, 600 ft . S. of junction of rd. to Alton, on W. side of highway, in center of top of concrete head wall of culvert; U. S. Bureau of Public Roads tablet stamped "No 22 7214.83"
7, 178. 141
Long Valley Junction, 1.0 mi . S. of, 300 ft . S. of highway guard rail, on W. side of highway, in center of top of concrete head wall of culvert; U. S. Bureau of Public Roads tablet stamped "No 187318.35 "
7, 281. 468
Long Valley Junction, 150 ft . S. of junction of U. S. Highway 89 and State Highway 14, S. of summit of grade, 300 ft . S. of three Standard Oil Company storage tanks, 250 ft . SW . of service station, 110 ft . W. of store, 60 ft . NW. of Utah State Road Commission building, 40 ft . E. of U. S. Highway 89, in concrete post; standard tablet stamped "VS 11936 7464"
7, 463. 541
Reference mark, 135 ft . W. of tablet, on W. side of highway, in culvert; U. S. Bureau of Public Roads tablet stamped "No 14 7491.32"
7, 454. 235
Long Valley Junction, 1.0 mi . W. of, on ridge extending SE., 50 ft . SE. of highway at sharp curve at summit of grade, on rock outcrop; chiseled square
7, 644.23
Long Valley Junction, 2.1 mi . W. of, 500 ft . SW. of E. end of gravel hill, 50 ft . S. of highway, 50 ft . W. of S. end of culvert, 10 ft . E. of wild currant bushes, 3 ft . S . of rock cairn, in concrete post; standard tablet stamped "VS 21936 7849"
7, 848. 522
Reference mark, 70 ft . W. of tablet, on buried rock; chiseled square _ 7, 847.87
Long Valley Junction, 2.9 mi . W. of, 60 ft . SE. of rd., 250 ft . NE. of culvert, in root of easternmost of two large pine trees; copper nail and washer
7, 776. 23
Long Valley Junction, 4.1 mi . W. of, 500 ft . E. of junction of rd. S., 200 ft . SE. of highway, 300 ft . E. of highway curve sign, 50 ft . N . of woods, at W . edge of clearing, 2 ft . W. of cairn, in buried sandstone boulder; standard tablet stamped "VS 31936 7830".-. 7, 829. 375
Reference mark, 150 ft . SE. of tablet, in root of 18 -in. pine tree; copper nail and washer
7, 832.90
Long Valley Junction, 5.3 mi . W. of, 0.5 mi . W. of Harris Flat ranger sta., 400 ft . N. of fork of Valley Stream, 40 ft . N. of highway, 3 ft . E. of cairn, on E. edge of isolated limestone ledge; chiseled square
7, 773. 67

# PANACA QUADRANGLE ${ }^{67}$ 

[Latitude $37^{\circ} 30^{\prime}-38^{\circ} 00^{\prime}$; longitude $114^{\circ} 00^{\prime}-114^{\circ} 30^{\prime}$ ]
WASHINGTON AND IRON COUNTIES

## From Nevada-Utah State line southeast along Rose Valley (Nev.)-Modena (Utah) road into Modene quedrangle (by D. S. Birkett in 1915)

Big Summit, Nev., 5.7 mi . SE. of, 9.7 mi . NW. of Modena, 0.5 mi . NW. of junction of Fay and Rose Valley rds., 5 ft . N. of rd., on boulder; highest point

Feet
Modena, 9.2 mi : NW. of, 500 ft . N. of junction of Fay and Rose Valley rds., 200 ft . W. of Fay rd., 100 ft . E. of Rose Valley rd., in boulder 3 ft . long; standard tablet stamped "5936 1915 17"...

PAROWAN QUADRANGLE

## [Latitude $37^{\circ} 30^{\prime}-38^{\circ} 00^{\prime}$; longitude $112^{\circ} 30^{\prime}-113^{\circ} 00^{\prime}$ ] <br> GARFIELD, IRON. AND KANE COUNTIES

> From Adams Head quadrangle west and southwest along State Highway 20 and U. S. Highway 91 into Cedar City quadrangle (first-order leveling by E. E. Harris in 1931)

Orton, 6.4 mi . W. of, 30 ft . N. of center line of highway, 20 ft . NE. of rd. sign at boulder measuring about 10 ft . in all dimensions, in large boulder 4 ft . above ground; standard tablet stamped " 1931 H 50 "

6, 963. 132
Orton, 8.4 mi . SW. of, 21 ft . N. of center line and 130 ft . W. of turn in highway from S. to W., in root on E. side of lone cedar tree; copper nail and washer

7, 135. 90
Orton, 9.3 mi . SW. of, 27 ft . NW. of center line and 850 ft . SW. of curve in highway, in boulder; standard tablet stamped " 1931 H 51 "

7, 237. 269
Orton, $10.2 \mathrm{mi} . \mathrm{SW}$. of, 15 ft . W. of center line of highway, 69 ft . N . of corner of fence, on boulder; chiseled square

7, 211. 12
Orton, 11.2 mi . SW. of, 18 ft . N. of center line of highway, 20 ft . E. of drain, 3 ft . S. of rd. sign, on boulder flush with ground; chiseled square

7, 208. 85
Orton, 12.2 mi . SW. of, 0.4 mi . S. of Dixie National Forest boundary sign, 8 ft . S. of curve in highway, in large conglomerate boulder; standard tablet stamped " 1931 H 52 "

7, 245.957
Reference mark; top of iron post with General Land Office cap stamped "T. 33 S., R. 6 W., secs. 5, 6, 7, and 8 1920"

7, 275. 704
Orton, 13.2 mi . SW. of, 14 ft . S. of center line of highway, on boulder; chiseled square

7, 388. 84
Orton, 14.2 mi . SW. of, 15.0 mi . NE. of Paragonah High School, 25 ft . N . of curve in highway, 25 ft . W. of drain, on boulder; chiseled square

7, 542. 09
Paragonah, 13.6 mi . NE. of, 27 ft . NW. of center line of highway at summit of grade, in boulder; standard tablet stamped "1931 H 53". 7, 666. 369
Reference mark, 93 ft . N. of tablet, on boulder; chiseled square _.... 7, 660. 87
Paragonah, 12.6 mi . NE. of, 7 ft . N. of center line of highway near summit of grade, on small rock outcrop; chiseled square

7, 734. 43
Paragonah, 11.4 mi . NE. of, 10 ft . SW. of center line of highway, at point where rd. leaves fence line, on rock outcrop; chiseled square _- 7, 802. 73

[^56]Paragonah, 10.5 mi . NE. of, 30 ft . W. of center line of highway onsummit, 20 ft . SW. of rd. sign, in rock outcrop; standard tabletFeet
stamped "1931 H 54" ..... $8,121.326$
Reference mark, 74 ft . N. of tablet, on rock outcrop; chiseled square . ..... 8, 117. 90
Paragonah, 9.8 mi . NE. of, 11 ft . W. of center line of highway, on rockledge; chiseled square7, 920.87
Paragonah, 8.5 mi . NE. of, 14 ft . W. of center line of highway, on N . side of junction of old rd., on rock outcrop; chiseled square. ..... 7, 507. 13
Paragonah, 7.8 mi . NE. of, on bank on N. side of curve, 450 ft . E. of rd. S. to Horse Valley, on prominent boulder 3 ft . above level of highway; chiseled square ..... $7,321.35$
Paragonah, 6.4 mi . NE. of, 12 ft . N. of center line of highway, in large black boulder; standard tablet stamped "1931 H 55" ..... 7, 119. 635
Paragonah, 5.4 mi . NE. of, 10 ft . N. of center line of highway, 840 ft .E. of Dixie National Forest boundary sign, on rock outcrop; chiseledsquare6, 933. 78
Paragonah, 5.0 mi . NE. of, 8 ft . S. of curve in highway, $1,300 \mathrm{ft}$. W.of Dixie National Forest boundary sign, on square boulder; chiseledsquare$6,847.82$
Paragonah, 4.4 mi . NE. of, 7 ft . N. of center line of highway, on rock outcrop; chiseled square ..... 6, 644. 78
Paragonah, 3.6 mi . NE. of, 14 ft . NW. of curve in highway, on base of cliff; chiseled square ..... $6,398.09$
Paragonah, 3.2 mi . NE. of, $2,400 \mathrm{ft}$. W. of small wooden bridge, in boulder; standard tablet stamped "1931 H 56" ..... $6,240.922$
Paragonah, 2.4 mi . NE. of, at entrance to canyon, 29 ft . N. of center line of highway, on large conglomerate boulder; chiseled square.. ..... 5, 994.58
Paragonah, 1.4 mi . NE. of; top of iron post with General Land Office cap stamped "T. 32 S., R. 8 W., secs. 27, 28, 33, and 34 1910"--- ..... 5, 882. 088
Paragonah, 0.8 mi . NE. of, 29 ft . N. of center line of highway, 25 ft .E. of junction of T-rd. S., on buried boulder; chiseled square$5,858.32$
Paragonah High School, 8 ft . W. of front entrance, in step; standard tablet stamped "1931 H 57" ..... 5, 897. 245
Paragonah, 0.6 mi . SW. of, 9 ft . W. of center line of highway, at angle on top of concrete head wall of culvert; chiseled square ..... $5,880.39$
Paragonah, 1.2 mi : SW. of, 35 ft . E. of center line of highway at curveto SW ., 220 ft . N. of junction of rd. S., on large boulder just E. ofmuch larger boulder; chiseled square$5,832.27$
Paragonah, 1.9 mi . SW. of, 9 ft . W. of center line of highway at summit of grade, at telephone pole 10162, in center of top of con- crete head wall of culvert; chiseled square 5, 889. 22
Paragonah, 2.8 mi . SW. of, 1.9 mi . NE. of Parowan High School, 43 ft . $W$. of center line of highway, 10 ft . S. of angle pole in telephone line crossing highway, in concrete post; standard tablet stamped "1931 H 58" 5, 872. 626
Reference mark, 180 ft . N. $30^{\circ} \mathrm{E}$. of tablet, on S. end of W. concrete head wall of culvert; chiseled square ..... $5,873.56$
Parowan High School, 7.5 ft . N. of center of front entrance, 1 ft . from wall of building, in $W$. end of lower stone step; standard tablet stamped "1931 H 59" (recovered by U. S. C. \& G. S. in 1934) - - 5, 990.359
Reference mark, 165 ft . N. of tablet, on $W$. side of concrete walk overditch; chiseled square5, 986.12

Parowan, near S. limits of, 0.5 mi . S. of high school, in top of SE. concrete abutment of bridge over creek; standard tablet stamped Feet

Reference mark, 97 ft . N. of tablet, in center of top of W. concrete head wall of culvert; chiseled square

6, 038.64
Parowan, 1.6 mi . SW. of, 14 ft . NW. of center line of highway, in center of top of concrete head wall of culvert; chiseled square.....-
Parowan, 2.5 mi . SW. of, 16 ft . NW. of center line of highway, 95 ft .
E. of lone cedar tree, on concrete head wall of culvert; chiseled square

5, 860.20
Parowan, 3.2 mi . SW. of, 3.8 mi . NE. of Summit post office, 13 ft . NW. of center line of highway, in drain, in center of top of concrete head wall of culvert; chiseled square
5. 841.68

Summit post office, 2.8 mi . NE. of, 34 ft . NW. of center line of highway at curve at summit of grade, 8 ft . S. of pole at angle in telephone line, in concrete post; standard tablet stamped "1931 H 61"5, 913.20

Reference mark, $345 \mathrm{ft} . \mathrm{S} .20^{\circ} \mathrm{W}$. of tablet, in center of top of concrete head wall of culvert; chiseled square

5, 933.82
Summit, 2.0 mi . NE. of, 15 ft . W. of center line of highway at telephone pole 10438, in center of top of concrete head wall of culvert; chiseled square

5, 942.84
Summit, 1.4 mi . NE. of, 15 ft . NW. of center line of highway, in center of top of concrete head wall of culvert; chiseled square

5, 961.02
Summit, 0.3 mi . NE. of post office, near E . limits of, 13 ft . N. of center line of highway at curve, in center of top of concrete head wall of large culvert; chiseled square

6, 023. 72
Summit, 0.4 mi . W. of, 53 ft . NW. of center line of highway, 150 ft . W . of rd. fork, 10 ft . N. of pole at angle in telephone line, in concrete post; standard tablet stamped " 1931 H 62"

5, 946. 209
Reference mark, $475 \mathrm{ft} . \mathrm{S} .30^{\circ} \mathrm{W}$. of tablet, in center of top of concrete head wall of culvert; chiseled square

5, 945. 60
Summit, 1.1 mi . SW. of, 15 ft . NW. of center line of highway, 25 ft . SW. of junction of dirt rd. N., in center of top of concrete head wall of culvert; chiseled square

5, 902.53
Summit, 1.7 mi . SW. of, 12 ft . NW. of center line of highway, in center of base of concrete parapet wall of bridge over drain; chiseled square.
Summit, 2.5 mi . SW. of, 15 ft . NW. of center line of highway, in center of top of concrete head wall of culvert; chiseled square

5, 895.49
Summit, $3.1 \mathrm{mi} . \mathrm{SW}$. of, 17 ft . NW. of center line of highway at telephone pole 10660 , in center of top of concrete head wall of culvert;

Summit, 3.4 mi . SW. of, 8.4 mi . NE. of Union Pacific R. R. sta. at Cedar City, 68 ft . NW. of center line of highway, 26 ft . SE. of lone cedar tree, in large flat boulder; standard tablet stamped "1931 H 63"

$5,808.614$

From Orderville quadrangle northwest 20 miles along State Highway 14, thence north along State Highways 55 and 143 to Parowan (by V. S. Seward in 1938)
Long Valley Junction, 6.3 mi NW. of, 280 ft . E. of bridge over Swains Creek, 130 ft . NE. of junction of rd. S., 50 ft . W. of highway, 5 ft . NW. of cairn, in limestone boulder in place; standard tablet stamped "VS 419367645 "

7, 644.612

Reference mark, 230 ft . NE. of tablet, in root 10 ft . W. of base of Feet spruce tree 100 ft . high; copper nail and washer

7, 645.40
Long Valley Junction, 7.5 mi . NW. of, 6.8 mi . SE. of Duck Creek ranger sta., 800 ft . W. of summit of steep grade and curve, 60 ft . NE. of highway and culvert, in root of $24-\mathrm{in}$. pine tree; copper nail and washer

7, 961.96
Duck Creek ranger sta., 5.7 mi . SE. of, 0.7 mi . E. of Strawberry Creek, 600 ft . E. of E. edge of clearing, at summit of divide, 50 ft . S. of highway and culvert, 5 ft . W. of cairn, in concrete post; standard tablet stamped "VS 51936 8138"
$8,137.476$
Reference mark, 100 ft . NE. of tablet, in root of $24-\mathrm{in}$. pine tree; copper nail and washer
$8,474.47$
Duck Creek ranger sta., 0.7 mi . E. of, 600 ft . NE. of Civilian Conservation Corps camp, 150 ft . NE. of culvert, 150 ft . S. of Duck Creek, 100 ft . W. of highway, 5 ft . E. of cairn, on lava outcrop; chiseled square

8, 512. 63
Duck Creek ranger sta., 125 ft . E. of SE. corner of S . building, 90 ft . NW. of rd. fork, 25 ft . NW. of NW. corner of cattle guard, 5 ft . S. of cairn, in lava outcrop; standard tablet stamped "VS 81936 8556"
$8,555.150$
Reference mark, 125 ft . S. of tablet, on sunken lava boulder; chiseled square

8, 559. 20
Duck Creek ranger sta., 1.2 mi . W. of, at summit of divide, near N. edge of clearing, 50 ft . N. of highway, 3 ft . N . of small stream, 3 ft . S. of cairn, on large boulder; chiseled square

8, 816. 85
Duck Creek ranger sta., 2.3 mi . W. of, 1.5 mi . E. of Navajo Lake, 0.5 mi . W. of clearing and junction of rd. S., at summit of steep grade, 70 ft . SE. of highway hill sign, 100 ft . S. of lava mass, 40 ft . S. of highway, 5 ft . N. of cairn, in limestone outcrop; standard tablet stamped "VS 91936 9047"

9, 046.929
Reference mark, 100 ft . E. of tablet, in root of 18 -in. pine tree; copper nail and washer

8, 139. 41
Duck Creek ranger sta., 4.8 mi . E. of, 0.3 mi . W. of Strawberry Creek, 600 ft . E. of W. edge of clearing, 30 ft . N. of highway, in root of 36 -in. pine tree; copper nail and washer

8, 132. 59
Duck Creek ranger sta., 3.5 mi . E. of, 100 ft . N. of junction of rd. NE. at sign reading "Sawmill 5 mi .; Mammoth Creek 10 mi .," on W . side of divide, 4 ft . W. of cairn, in limestone outcrop; standard tablet stamped "VS 61936 8470"

8, "470. 052
Reference mark, 100 ft . E. of tablet, in root of $30-\mathrm{in}$. pine tree; copper nail and washer
$8,473.35$
Duck Creek ranger sta., 2.4 mi . E. of, 250 ft . SW. of S. end of small lake, 70 ft . S. of irrigation ditch, 60 ft . N. of highway, on W . side of sharp curve, 15 ft . W. of $24-\mathrm{in}$. pine tree, 4 ft . E. of cairn, on limestone outcrop; chiseled square

8, 409. 23
Duck Creek ranger sta., 1.3 mi . E. of, $1,850 \mathrm{ft}$. W. of junction of rd. N. to Aspen Mirror Lake, 70 ft . S. of highway and culvert, 4 ft . N. of cairn, in limestone outcrop; standard tablet stamped "VS 71936 8481 "

8, 480. 943
Reference mark, 120 ft . NW. of tablet, 20 ft . N. of rd., 10 ft . W. of $10-$ in. spruce tree, on lava outcrop; chiseled square

9, 046.61
Navajo Lake, 1.0 mi . E. of, 50 ft . N. of junction of rd. W. to Navajo Lake Lodge, 3 ft . S. of cairn, on lava outcrop; chiseled square - ....

Navajo Lake, $1,000 \mathrm{ft}$. E. of E. end of, 100 ft . W. of lowest elevation of highway at Navajo Lake depression, 120 ft . SW. of rd. fork, 80 ft . N. of lava flow, 30 ft . S. of lake shore rd., 6 ft . S. of lava cairn, in limestone outcrop; standard tablet stamped "VS 101936 9128"-- 9, 127. 271
Reference mark, 80 ft . NW. of tablet, 2 ft . E. of cairn, on limestone outcrop; chiseled square

9, 133.76
Navajo Lake, 0.7 mi . NW. of, near E. edge of clearing, 70 ft . E. of highway at curve, 3 ft . W. of cairn, on limestone outcrop; chiseled square

9, 294.60
Navajo Lake, 1.6 mi . NW. of, at SW. edge of lava flow, 50 ft . NW. of N. center of bridge, 2 ft . S. of cairn, in lava outcrop; standard tablet stamped "VS 111936 9293"

9, 292. 107
Reference mark, $75 \mathrm{ft} . W$. of tablet, 10 ft . S. of two spruce trees, 50 ft .


9, 295. 82
Navajo Lake, 2.6 mi . NW. of, at small valley to $S$., 200 ft . NW. of rd., $400 \mathrm{ft} . \mathrm{W}$. of E. edge of clearing, 100 ft . NE. of culvert, 3 ft . S. of cairn, on lava outcrop; chiseled square
$9,503.25$
Navajo Lake, 3.8 mi . NW. of, 250 ft . E. of summit of divide, at head of creek and open valley to N ., 30 ft . SW. of culvert and highway, 3 ft . N. of cairn, in red sandstone outcrop; standard tablet stamped "VS 121936 9641"

9, 640. 204
Reference mark, 250 ft . NW. of tablet, 30 ft . S. of rd. at divide, in root of $30-\mathrm{in}$. spruce tree; copper nail and washer
$9,647.62$
Navajo Lake, 4.8 mi . NW. of, near W. end of long curve, 400 ft . E. of highway sign, 200 ft . N. of woods, 55 ft . S. of highway, on rock outcrop; chiseled square

9, 581. 48
Navajo Lake, 5.7 mi . NW. of, 1.9 mi . SE. of junction of State Highway $55,70 \mathrm{ft}$. N. and 40 ft . W. from center line of highway and bridge, 80 ft . S. of telephone line, $6 \mathrm{ft} . \mathrm{W}$. of cairn, in rock outcrop; standard tablet stamped "VS 131936 9639"

9, 638. 201
Reference mark, 160 ft . S. of tablet, 30 ft . S. and 30 ft . W. from SE. corner of bridge, on larger of two boulders in place; chiseled square -
Navajo Lake, 6.7 mi . NW. of, 0.8 mi . SE. of junction of State Highway 55 , at E. edge of short valley to N., at apex of curve and $40 \mathrm{ft} . \mathrm{N}$. of highway, 5 ft . S. of cairn, on rock outcrop; chiseled square

9, 730. 28
Navajo Lake, 7.6 mi . NW. of, 3.4 mi . S. of Cedar Breaks Lodge, in center of triangle at intersection of State Highways 14 and 55, in rock outcrop flush with ground; standard tablet stamped "VS 14 $1936^{\circ} 9765$ "

9, 764. 156
Reference mark, 250 ft . E. of tablet, 1 ft . W. of large round boulder, on flat rock; chiseled square

9, 763. 27
Cedar Breaks Lodge, 2.0 mi . S. of, 1.4 mi . N. of junction of State Highway $14,1,600 \mathrm{ft}$. N. of sink hole, 200 ft . S. of summit of steep grade, at $S$. edge of clearing, in center of top of $W$. concrete head wall of culvert; U. S. Bureau of Public Roads tablet, not stamped
$10,178.397$
Cedar Breaks Lodge, 0.8 mi . S. of, 90 ft . S. of highway, 15 ft . W. of fence between Dixie National Forest and Cedar Breaks National Monument, in flat boulder in place; standard tablet stamped "VS 15 1936 10325"
$10,324.638$
Cedar Breaks Lodge, 60 ft . S. and 65 ft . E. from main entrance, 60 ft . E. of flagpole, 80 ft . W. of highway, 15 ft . SE. of two spruce trees, in concrete post; standard tablet stamped "VS 161936 10399"

Cedar Breaks Lodge, 1.3 mi . N. of, 100 ft . W. of rd., 20 ft . E. of rim at Sunset View, 10 ft . SE. of small spruce tree, in concrete post; standard tablet stamped "VS 171936 10354".

Feet
$10,353.796$
Cedar Breaks Lodge, 2.4 mi . N. of, 500 ft . W. of highway, in center of point and 5 ft . E. of rim at Desert View, in concrete post; standard tablet stamped "VS 181936 10457"
$10,456.333$
Cedar Breaks Lodge, 3.3 mi . N. of, 100 ft . E. of highway at summit of long grade, 40 ft . SE. of group of four fir trees, 13 ft . N. of cairn, in ledge; standard tablet stamped "VS 191936 10570"
$10,569.494$
Cedar Breaks Lodge, 4.2 mi . N. of, 300 ft . S. of saddle, 80 ft . E. of highway, 40 ft . S. and 60 ft . E. from NW. corner of worm fence, in concrete post; standard tablet stamped "VS 201936 10480".....
Cedar Breaks Lodge, 4.7 mi . N. of, 90 ft . S. of junction of rd. E. at sign reading "Parowan 18 mi .; Panguitch Lake $15 \mathrm{mi} ., " 3 \mathrm{ft}$. W. of cairn, on E. edge of slanting boulder; chiseled square
$10,479.116$

Cedar Breaks Lodge, 5.3 mi . N. of, 0.5 mi . S. of N. boundary of Cedar Breaks National Monument, 400 ft . W. of highway, at center of point and 15 ft . E. of rim at North View, in concrete post; standard tablet stamped "VS 211936 10435"
$10,434.890$
Cedar Breaks Lodge, 5.8 mi . N. of, at N. boundary of Cedar Breaks National Monument, 125 ft . E. of highway, 3 ft . N. of boundary fence, in concrete post; standard tablet stamped "VS 221936 10456"
$10,455.815$
Cedar Breaks Lodge, 7.0 mi . N. of, $1,000 \mathrm{ft}$. N. of short section of corduroy rd., 70 ft . S. of rd. at small saddle, 3 ft . W. of cairn, in root of $18-\mathrm{in}$. fir tree; copper nail and washer
$10,321.03$
Cedar Breaks Lodge, 7.9 mi . N. of, 500 ft . N. of point where rd. enters clearing, 60 ft . W. of rd., 25 ft . E. of spring, on E. edge of lava point, 5 ft . N. of cairn, in lava boulder; standard tablet stamped "VS 23 1936 9977'"

9, 976.716
Reference mark, 200 ft . SW. of tablet, on outcrop; chiseled square_- 9, 986. 02
Cedar Breaks Lodge, 8.9 mi . N. of, $1,200 \mathrm{ft}$. N. of NW. corner of worm fence, 40 ft . W. of highway, 15 ft . E. of aspen grove, 2 ft . NE. of cairn, on partially exposed boulder; chiseled square

9, 746. 41
Cedar Breaks Lodge, 9.9 mi . N. of, on summit of divide, $2,000 \mathrm{ft}$. NW. of point where rd. crosses stream, 300 ft . S. of NW. corner of and 30 ft . W. of clearing, 300 ft . E. of U. S. Forest Service sign, 90 ft . S. of highway, in concrete post; standard tablet stamped "VS 24 1936 9613"

9, 612. 327
Reference mark, 80 ft . W. of tablet, in root of $10-\mathrm{in}$. twin aspen tree; copper nail and washer

9, 609. 59
Cedar Breaks Lodge, 11.0 mi . N. of, 11.3 mi . S. of Parowan High School, 40 ft . W. of highway, 200 ft . S. of S . end of limestone ledge 40 ft . high, 4 ft . E. of cairn, on limestone ledge; chiseled square... 9, 072.99
Parowan, 10.2 mi . S. of, $1,200 \mathrm{ft}$. S. of southernmost bridge over stream, 55 ft . W. of stream, 50 ft . E. of highway, 4 ft . E. of cairn, in concrete post; standard tablet stamped "VS 251936 8459".
Reference mark, 70 ft . S. of tablet, 4 ft . W. of cairn, on flat rock; chiseled square

- 8, 465. 75

Parowan, 9.1 mi . S. of, 800 ft . W. of S. base of large limestone pinnacle cliff, 150 ft . NW. of dry stream fork E., 40 ft . W. of highway, 2 ft . E. of cairn, on boulder; chiseled square

8, 146. 45
Parowan, 7.9 mi . S. of, 0.5 mi . N. of dry canyon to E ., 0.6 mi . N. of N. base of large limestone pinnacle cliff, $1,600 \mathrm{ft}$. S. of junction of $\operatorname{dim}$ rd. SW., 40 ft . SW. of highway, on NE. edge of stream, in 10- by 10- by $10-\mathrm{ft}$. boulder; standard tablet stamped "VS 261936 7698"
7, 697. 703
Reference mark, 70 ft . E. of tablet, 30 ft . SW. of highway, 40 ft . NE. of stream, on outcrop; chiseled square
7, 699. 91
Parowan, 7.2 mi . S. of, 75 ft . NE. of bridge, on bank between two streams and 40 ft . SE. of their junction, 6 ft . N. of cairn, on boulder in place; chiseled square

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7, 421. }4
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Parowan, 6.1 mi . S. of, 50 ft . E. of highway, 30 ft . W. of stream, 20 ft . SE. of corner of fence, 20 ft . N. of cairn, in concrete post; standard tablet stamped "VS 271936 7073"
7, 072.871
Reference mark, 150 ft . NW. of tablet, 50 ft . W. of highway, 2 ft . E. of cairn, on rock outcrop; chiseled square
7, 075. 88
Parowan, 4.8 mi . S. of, about 0.5 mi . S. and 800 ft . below castle-like cliff on summit of hill, 125 ft . N. of dry canyon, 200 ft . NW. of stream, 100 ft . NW. of highway, 3 ft . SE. of cairn, on round boulder in place; chiseled square

6, 798: 42

Parowan, 3.9 mi . S. of, 100 ft . E. of first rd. fork S. of Parowan, in center of top of $N$. wall of new bridge over stream; standard tablet stamped "VS 281936 6616"
$6,615.151$
Reference mark, 220 ft . E. of tablet, 20 ft . E. of large boulder, on
outcrop; chiseled square $6,627.04$
Parowan 2.9 mi . S. of, 75 ft . E. of highway, near point where $30-\mathrm{in}$. pipe line crosses stream, 25 ft . NE. of old concrete pipe support, on N. side of stream, 1 ft . N. of SW. corner of concrete abutment of pipe-line trestle; chiseled square
6, 437. 19
Parowan, 2.0 mi . S. of, $1,400 \mathrm{ft}$. N. of bridge over stream, 800 ft . E. of power plant, 150 ft . S . of dry canyon, 200 ft . NW. of base of ridge, 100 ft . E. of highway, 40 ft . N. of gravel pit, 6 ft . S . of rim of ridge, 2 ft . W. of cairn, in outcrop; standard tablet stamped "VS 291936 6298'
6, 297. 394
Reference mark, 210 ft . NW. of tablet, 50 ft . E. of highway, 3 ft . W. of cairn, on outcrop; chiseled square
$6,284.16$
Parowan, 1.0 mi . S. of, $1,200 \mathrm{ft}$. NE. of water house, 30 ft . E. of highway, under telephone line, 6 ft . E. of SW . corner of cemetery, 2 ft . S. of fence line, in concrete post; standard tablet stamped "VS 30 1936 6106"'
6, 105. 712

# POISON SPRING QUADRANGLE 

[Latitude $39^{\circ} 15^{\prime}-39^{\circ} 30^{\prime}$; longitude $110^{\circ} 45^{\prime}-111^{\circ} 00^{\prime}$ ]
EMERY COUNTY
From Castlegate quadrangle southwest along abandoned Southern Utah
Railroad into Hiawatha quadrangle (by Cornelius Schnurr in 1914)
Millerton siding, 100 ft . S. of W. end of, about 11 mi . SW. of Price, in large boulder in place and extending 6 ft . above ground; standard tablet stamped " 6292 "

6, 292. 114
Millerton siding, 1.1 mi . SW. of, 10 ft . S. of track, in cut, on rock; chiseled mark 6, 438. 97
Millerton siding, 2.1 mi . SW. of, in center of bridge 11 ; top of rail_... $6,567.3$
Blackhawk, 1.8 mi . NE. of, 150 ft . S. of Franklin siding signpost, 100 ft . W. of rd., in large boulder in place and extending 3 ft . above ground; standard tablet stamped " 6799 "
From Hiawatha quadrangle near Blackhawk east and south along State Highmays 122 and 10 to Huntington (by K. K. Kimball and C. H. Williams in 1923; leveled twice)
Blackhawk, 1.6 mi . SE. of, on S . side of highway at summit of hill, ..... Feet
on sandstone boulder; chiseled cross. ..... 7, 092.66
Blackhawk, 2.8 mi . SE. of, 50 ft . E. of highway, on sandstone boulder; chiseled cross. ..... 6, 885.95
Blackhawk, 5.4 mi . SE. of, at point where Utah Power and Light Co. power line crosses highway, in sandstone boulder; standard tablet stamped "21 6822 1923", ..... 6, 820. 406
Blackhawk, 6.7 mi . SE. of, 7.9 mi . N. of Huntington, 25 ft . W. of highway, near large curve at head of Cedar Creek, N. of.dugout, on small sandstone boulder; chiseled cross ..... 6, 581. 20
Huntington, 7.0 mi . N. of high school, 730 ft . N. and 36 ft . W. fromU. S. Fuel Co. line monument in Cedar Canyon, 50 ft . W. of high-way; iron pipe stamped " 6341 ".$6,339.05$
Huntington, 6.1 mi . N. of, 40 ft . N. of highway, opposite U. S. FuelCo. ranch, in sandstone boulder;standard tablet stamped "'2061831923"6, 181. 299
Huntington, 4.3 mi . N. of, 15 ft . W. of highway, 15 ft . S. of bridge over Shorty Wash; iron pipe stamped " 6043 " ..... 6, 041. 12
Huntington, 3.9 mi . N. of, 40 ft . E. of curve in highway, near Killpack farm; iron pipe stamped " 5958 "- ..... 5, 956.56Huntington, 3.0 mi . N. of, 75 ft . N. and 35 ft . W. from highway,near bridge over Cleveland irrigation ditch, in sandstone boulder;standard tablet stamped "19 5887 1923"5, 884. 780
Huntington, 2.0 mi . N. of, on NW. corner of concrete bridge over irrigation ditch; chiseled square ..... 5, 829.71
Huntington, $0.9 \mathrm{mi} . \mathrm{N}$. of, in N . end of bridge over Huntington Creek; copper nail and washer (recovered by U. S. C. \& G. S. in 1934) ..... 5, 747. 12
Huntington High School, at W. entrance to, in second step; standard tablet stamped " 579118 1923" (recovered by U. S. C. \& G. S. in 1934) ..... $5,790.893$
From Huntington south along State Highway 10 into Wilsonville quadrangle (by C. H. Williams in 1923; leveled twice)
Huntington, near S . limits of, 0.6 mi . S. of high school, on W. con- crete head wall of culvert over irrigation ditch; chiseled square (recovered by U. S. C. \& G. S. in 1934) ..... 5, 779. 71.1
Huntington, 1.1 mi . S. of, 40 ft . E. of highway, opposite gate to lane; iron pipe stamped " 5709 " ..... 5, 710. 33
Huntington, 3.1 mi . SW. of, on summit of ridge between Huntingtonand Castle Dale, in W. concrete head wall of culvert over irriga-tion ditch; standard tablet stamped " 15757 1923" (recovered byU. S. C. \& G. S. in 1934)5, 756. 248Huntington, 3.5 mi . SW. of, on E. end of concrete culvert; chiseledsquare5, 710.29
Huntington, 4.2 mi . SW. of, on E. wing of bridge; chiseled square ..... $5,689.87$Huntington, 5.1 mi . SW. of, 4.9 mi . NE. of Castle Dale, 600 ft . N. ofclay mound, 400 ft . S. of Wilberg farmhouse, on W. side of high-way, on SW . wing wall of bridge; chiseled square (recovered byU. S. C. \& G. S. in 1934)5, 687. 738

# From Hiawatha quadrangle southeast along approximate route of present State Highway 31 to Huntington (by K. K. Kimball in 1923) ${ }^{69}$ 


PREUSS VALLEY QUADRANGLE io
[Latitude $38^{\circ} 30^{\prime}-39^{\circ} 00^{\prime}$; longitude $113^{\circ} 00^{\prime}-113^{\circ} 30^{\prime}$ ]
BEAVER AND MILLARD COUNTIES
From Lund quadrangle about 4 miles northeast of Frisco northeast along road 10.5 miles, thence southeast by way of Fairview Springs and back into Lund quadrangle (by R. A. Farmer in 1904)

Fairview Springs, 4.5 mi . by rd. NW. of, NW. of Lime Mtn., 0.5 mi . E. of rd. fork, 50 ft . S. of head of drain, in 3 - by 2 - by 2 - ft . boulder; standard tablet stamped " 6377 " and restamped " 5523 ".$5,445.345$
Fairview Springs, 0.5 mi . SE. of, on SW. side of rd., in boulder; standard tablet stamped " 6572 " and restamped " 5718 "

5, 640. 374
From Lund quadrangle near Newhouse north 0.4 mile (by R. A. Farmer in

$$
1904 \text {; leveled twice) }
$$

Newhouse, 1.4 mi . N. of, 1.1 mi . in air line SW . of Indian Queen Mine, in 3 - by 2 - by 2 -ft. quartzite rock; standard tablet stamped " 6188 " and restamped " 5334 "

5, 257. 111

## PROMONTORY POINT QUADRANGLE

[Latitude $41^{\circ} 00^{\prime}-41^{\circ} 30^{\prime}$; longitude $112^{\circ} 00^{\prime}-112^{\circ} 30^{\prime}$ ]
BOX ELDER, DAVIS, TOOELE, AND WEBER COUNTIES

> From Ogden, Ogden quadrangle, southwest and west along roads to sec. 22 , T. 5 N., R. 3 W., thence northeast to road crossing on Southern Pacific Railroad 1.2 miles west of West Weber (by E. E. Harris in 1923)

Riverdale, about 3 mi . SW. of Ogden, near W $1 / 4$ cor. sec. 7, T. 5 N., R. 1 W., in SE. angle of junction of T-rd. S., in center of top of concrete head wall of culvert; bottom of square hole

4, 378. 54
Riverdale, 0.5 mi . SW. of, near NE. cor. sec. 13, T. 5 N., R. 2 W., on W. side of rd., on top of E . end of N . side of concrete head gate; bottom of square hole

4, 379. 20
T. 5 N., R. 2 W., NE 14 sec. 13, at canal crossing, on W. side of rd., in center of top of S . side of concrete head gate; bottom of square hole

4, 386. 70
T. 5 N., R. 2 W., near E. side SE $1 / 4 \mathrm{sec} .13$, at junction of T-rd. W., on E. side of rd. and fence, in concrete post; standard tablet stamped "1923 H 3"

4, 392. 070
Reference mark, 66 ft . W. of tablet, in NW. angle of rd. fork, on

Cozydale, 0.4 mi . SE. of, near center of sec. 13, T. 5 N., R. 2 W. , on N. side of rd., 80 ft . W. of dwelling, on top of E. end of S . wall of head gate; bottom of square hole

[^57]Cozydale, 0.2 mi. S. of, in NW $1 / 4$ sec. 13, T. 5 N., R. 2 W., 300 ft . W. of rd. fork, at overhead crossing of Bamberger Electric R. R., on S. side of rd., on NE. corner of concrete foundation of flume; bot- Feet tom of square hole
T. 5 N., R. 2 W., near W $1 / 4$ cor. sec. 13 , in SE. angle of junction of N.-S. rd., on top of $N$. end of concrete parapet wall of culvert; bottom of square hole
$4,538.49$
T. 5 N., R. 2 W., at corner of secs. 13, 14, 23, and 24, in SE. angle of crossroads, on SW. corner of section corner post; bottom of square hole

4, 538. 10
T. 5 N., R. 2 W., at quarter corner between secs. 23 and 24 , in NW. angle of junction of T-rd. W., on SE. corner of quarter corner post; bottom of square hole

4, 541. 97
T. 5 N., R. 2 W., W. of center of sec. $23,0.4 \mathrm{mi}$. E. of Roy, in SE. angle of crossing of Ogden-Salt Lake City branch of Oregon Short Line R. R. and $\cdot \mathrm{E} .-\mathrm{W}$. rd., on top of N. end of concrete head wall of culvert; bottom of square hole

4, 440. 19
Roy, near E1⁄4 cor. sec. 22, T. 5 N., R. 2 W., in SW. angle of crossroads, 2 ft . E. of fence, in concrete post; standard tablet stamped "1923 H 4 "

4, 392. 072
Reference mark, $68 \mathrm{ft} . \mathrm{N} .30^{\circ} \mathrm{E}$. of tablet, on top of N. end of concrete parapet wall of culvert; bottom of square hole
$4,392.74$
Roy, 0.5 mi . W. of, near center of sec. 22, T. 5 N., R. 2 W., in NW. angle of crossroads, on top of N . end of concrete parapet wall of culvert; bottom of square hole

4, 349. 10
Roy, 1.0 mi . W. of, near $\mathrm{E} 1 / 4$ cor. sec. 21, T. 5 N., R. 2 W., in NW. angle of crossroads, on N . end of concrete culvert; bottom of square hole

4, 312. 08
Roy, 1.0 mi . W., thence 0.6 mi . N. from, 3.0 mi . E. of Hooper, near E. side $\mathrm{SE} / 4 \mathrm{sec} .16, \mathrm{~T} .5 \mathrm{~N} ., \mathrm{R} .2 \mathrm{~W}$., in NW. angle of junction of T-rd. W., in center of top of concrete culvert; bottom of square hole
$4,303.88$
Hooper, 2.0 mi . E. of, near E. side SE $1 / 4 \mathrm{sec} .17$, T. 5 N., R. 2 W. , in NW. angle of crossroads, in angle in fence, 4 ft . from each fence, in concrete post; standard tablet stamped "1923 H 5"

4, 241. 697
Hooper, 1.0 mi . E. of, near W. side SW $1 / 4 \mathrm{sec} .17$, T. 5 N., R. 2 W., in SE. angle of crossroads, on top of E . end of concrete wall of head gate; bottom of square hole

4, 243.28
Hooper, 0.5 mi . E. of, near center of sec. 19, T. 5 N., R. 2 W., in SE. angle of crossroads, on E . end of concrete culvert; bottom of square hole

4, 239. 49
Hooper, 0.4 mi . S. of Denver \& Rio Grande Western R. R. crossing, near E14 cor. sec. 24, T. 5 N., R. 3 W., in NE. angle of crossroads, in angle in fence, 3 ft . from each fence, in concrete post; standard tablet stamped " 1923 H 6"
$4,238.475$
Reference mark, 78 ft . $\mathrm{S} .65^{\circ} \mathrm{W}$. of tablet, on top of concrete wall of culvert; bottom of square hole

4, 238.55
T. $5 \mathrm{~N} ., \mathrm{R} .3 \mathrm{~W}$. , near center of sec. 24 , in SE. angle of crossroads, on
stone post; bottom of square hole-------------------------- 4 , 234. 14
T. 5 N., R. 3 W., near E $1 / 4$ cor. sec. 23, in NE. angle of crossroads, on top of $24-\mathrm{in}$. tile drain pipe; bottom of square hole

4, 228. 31
T. 5 N., R. 3 W., near center of sec. 23, at junction of N.-S. rd., on W. side of rd., on top of $36-\mathrm{in}$. concrete drain pipe; bottom of square hole

4, 223.69
T. 5 N., R. 3 W., near E. side NE1/4 sec. 22, on S. side of rd. W., in line with rd. N., 8 ft . N. of fence, in concrete post; standard tablet stamped "1923 H 7"
Reference mark, $182 \mathrm{ft} . \mathrm{N} .10^{\circ} \mathrm{W}$. of tablet, on concrete post; bottom of square hole ..... 4, 226. 10
T. 5 N., R. 3 W., near E. side SE14 sec. 15, in NE. angle of junction of T-rd. E., on top of concrete wall of culvert; bottom of square hole: ..... 4, 229. 96
T. 5 N., R. 3 W., about 0.2 mi . N. of center of sec. 14, in SW. angle of crossroads, on top of concrete wall of culvert; bottom of square hole 4, 227. 96
T. 5 N., R. 3 W., near E. side NE 14 sec. 14, in SE. angle of crossroads, on top of concrete wall of culvert; bottom of square hole ..... 4, 232. 20
'T. 5 N., R. 3 W., near E. side $\mathrm{SE}_{4}^{1 / 4}$ sec. 11, in NE. angle of junction of T-rd. E., in angle in fence, 3 ft . from each fence, in concrete post; standard tablet stamped " 1923 H 8"- ..... 4, 222.616
Reference mark, $256 \mathrm{ft} . \mathrm{N} .80^{\circ} \mathrm{E}$. of tablet, in center of top of N . parapet wall of concrete culvert; bottom of square hole ..... 4, 219. 48
T. 5 N., R. 3 W., 0.2 mi . S. of center of sec. 12, in NW. angle of cross- roads, in center of top of concrete culvert; bottom of square hole. . ..... 4, 229. 29
T. 5 N., R. 3 W., near E. side $\mathrm{SE} 1 / 4 \mathrm{sec}$. 12, in NW. angle of crossroads, on top of concrete wall of culvert; bottom of square hole ..... 4, 235. 68
T. 5 N., R. 3 W., near E. side NE 14 sec . 12, in SE. angle of junction of T-rd. E., on E. end of concrete culvert; bottom of square hole--- ..... 4, 226. 42
T. 5 N., R. $2 \mathrm{~W} ., 0.2 \mathrm{mi}$. N. of center of sec. 7, in NW. angle of junc- tion of N.-S. rd., on top of concrete wall of culvert; bottom of square hole ..... 4, 236. 93
Kanesville School, 0.5 mi . W. of, near S 44 cor. sec. 6, T. 5 N., R. 2 W.,in NE. angle of junction of T-rd. E., on top of concrete wall ofculvert; bottom of square hole4, 229. 98
T. 5 N., R. 2 W., about 0.2 mi . N. of center of sec. 6, on E. side ofN. terminal of rd., 15 ft . S. of junction of lane NE. through gate,3 ft . E. of fence, in concrete post; standard tablet stamped " 1923H 9 "4, 216. 143
Reference mark, $95 \mathrm{ft} . \mathrm{N} .75^{\circ} \mathrm{E}$. of tablet, on top of drain pipe; bot- tom of square hole ..... 4, 213. 46
T. 6 N., R. 2 W., near SE. cor. sec. 31, at junction of T-rd. E., on W. side of rd., on concrete base of gate post; bottom of square hole . ..... 4, 225.23
T. 6 N., R. 2 W., near SW. cor. sec. 29, 30 ft . E. of junction of E.-W.rd., on N. side of rd., in root on S. side of 8 -in. cottonwood tree;copper nail and washer4, 217. 22T. 6 N., R. 2 W., near $\mathrm{E}_{34}$ cor. sec. 30, W. of junction of private laneN., on S. side of rd., 2 ft . S. of fence, in concrete post; standardtablet stamped " 1923 H 10"4, 218. 289
Reference mark, 127 ft . $\mathrm{S} . ~ 80^{\circ} \mathrm{W}$. of tablet, in root on S. side of $30-\mathrm{in}$. cottonwood tree; copper nail and washer ..... 4, 217. 74
T. 6 N., R. $2 \mathrm{~W} ., 0.2 \mathrm{mi}$. S. of quarter corner between secs. 19 and 20 ,on W. side of jog in N.-S. rd., 50 ft . S. of jog in E.-W. rd., on top ofconcrete wall of culvert; bottom of square hole$4,221.96$
West Weber, 1.2 mi . W. of, on W. side NW 14 sec .20 , T. 6 N.. R. 2 W.,in NE. angle of intersection of Southern Pacific R. R. and N.-S.rd., in center of top of coping of large concrete culvert; bottom ofsquare hole4, 236. 09

## From road crossing on Southern Pacific Railroed 1.2 miles west of West Weber east along railroad into Ogden quadrangle (by E. E. Harris in 1928)

West Weber, 0.7 mi . W. of, N. of center of sec. 20, T. 6 N., R. 2 W., in NW. angle of grade crossing, on top of concrete wall of culvert; bottom of square hole
Feet
$4,231.80$
West Weber, 0.2 mi . W. of, on E. side NE1/4 sec. 20, T. 6 N., R. 2 W., 140 ft . W. of crossroads, 100 ft . E. of milepost 776, on N. side of track, on SW. corner of concrete foundation of semaphore 776-1; bottom of square hole
4, 237. 49
West Weber, in front of sta.; top of rail
4, 238.6
West Weber, 0.8 mi . E. of, on W. side NW $1 / 4 \mathrm{sec} .22, \mathrm{~T} .6 \mathrm{~N} ., \mathrm{R} .2 \mathrm{~W}$., in NW. angle of crossing of lane $W$., 150 ft . N. of track, 2 ft . W. of fence, in concrete post; standard tablet stamped "1923 H 11" -- 4, 237. 552
Reference mark, $159 \mathrm{ft} . \mathrm{S} .10^{\circ} \mathrm{E}$. of tablet, on top of concrete wall of culvert; bottom of square hole
4, 239. 18
T. 6 N., R. 2 W., NE $1 / 4 \mathrm{sec}$. 22, in N. end of E. concrete abutment of trestle over West Weber Canal; top of iron bolt
4, 245. 81
T. 6 N., R. 2 W., NE $14 / 4 \mathrm{sec} .22,340 \mathrm{ft}$. W. of milepost 778, in SE. angle of grade crossing, on NW. corner of concrete foundation of warning signal; bottom of square hole
4, 253. 50
T. 6 N., R. 2 W., NW $1 / 4 \mathrm{sec}$. 23, in center of top of W. abutment of trestle 778-B over Weber River, between tracks; bottom of square hole
4, 254. 35
Weber River, under bridge; surface of water at $11 \mathrm{a} . \mathrm{m}$. June 13, $1923_{\text {_- }}$ 4, 241.0
Marriott sta., 0.8 mi . NW. of, about $1,442 \mathrm{ft}$. S. and 99 ft . W. from Salt Lake base and meridian, near E. side $\mathrm{NE} 1 / 4 \mathrm{sec} .23$, T. 6 N., R. $2 \mathrm{~W} ., 5 \mathrm{ft}$. N. and 1 ft . E. from intersection of Southern Pacific R. R. and highway right-of-way fences, in concrete post; standard tablet stamped " 1923 H 12" ${ }^{71}$
4, 249.651

Marriott sta., 0.5 mi . NW. of, in NW $1 / 4 \mathrm{sec} .24, \mathrm{~T} .6$ N., R. 2 W ., on S. side of track, on SE. corner of concrete culvert 779-G; bottom of square hole
4, 258. 94
Marriott sta., 260 ft . W. of grade crossing, in NE $1 / 4 \mathrm{sec} .24, \mathrm{~T} .6$ N., R. 2 W., on S. side of track, on SE. corner of concrete culvert 779-L; bottom of square hole
4, 264.37

From sec. 22, T. $6 \mathrm{~N} ., \mathrm{R} .2 \mathrm{~W} .$, along roads north to Utah Hot Springs, thence
east into Ogden quadrangle (by E. E. Harris in 1923)
T. 6 N., R. 2 W., SE 44 sec. 15, on E. side of rd., at SE. corner of bridge
over Weber River, in top of cylinder support; top of iron bolt...- $4,240.96$
T. 6 N., R. $2 \mathrm{~W} ., \mathrm{NE} 14 \mathrm{sec} .15,40 \mathrm{ft}$. N. and 20 ft . W. from crossroads, on top of concrete wall of culvert; bottom of square hole $\ldots$....-.--
T. 6 N., R. 2 W., NE 44 sec. 10 , in SW. angle of rd. junction, 15 ft . S. of junction of lane to dwelling, 2 ft . W. of fence, in concrete post; standard tablet stamped " 1923 H 25 "

4, 232. 263
Reference mark, 68 ft . N. $40^{\circ} \mathrm{E}$. of tablet, on concrete parapet wall of culvert; bottom of square hole

4, 235. 05

[^58]T. 6 N., R. $2 \mathrm{~W} ., \mathrm{SE}_{1}^{1} / \mathrm{sec} .11,50 \mathrm{ft}$. W. of junction of T-rd. S., on N. side of rd., on top of concrete wall of culvert; bottom of square Feet hole

4, 240.35
T. 6 N., R. 2 W., SE $1 / 4 \mathrm{sec} .11,1.3 \mathrm{mi}$. S. of Farr West sta. on UtahIdaho Central R. R. (Electric), about 130 ft . N. and 20 ft . W. from junction of T-rd. N., on concrete parapet wall of culvert; bottom of square hole
$4,240.02$
Farr West sta., 0.5 mi . S. of, in $\mathrm{SE} 1 / 4 \mathrm{sec} .2$, T. 6 N., R. 2 W., on E. side of rd., on top of NE. corner of wing wall of bridge over canal; bottom of square hole
$4,237.33$
Farr West sta., in NE $1 / 4 \mathrm{sec} .2$, T. 6 N., R. 2 W., at crossing of old R. R. bed and N.-S. rd., on top of concrete wall of culvert 3 ft . below track; bottom of square hole
$4,243.61$
Farr West School, 300 ft . N. of, in SE $1 / 4$ sec. 25, T. 7 N., R. 2 W., in SE. angle of junction of rd. SE., in concrete post; standard tablet stamped " 1923 H 26 "

4, 260.902
Reference mark, 175 ft . S. $20^{\circ} \mathrm{W}$. of tablet, in root on S. side of $36-\mathrm{in}$. poplar tree; copper nail and washer

4, 258.02
T. 7 N., R. 2 W., near N $1 / 4$ cor. sec. 26, in SW. angle of junction of T-rd. W., on top of concrete wall of culvert; bottom of square hole_

4, 252. 30
T. 7 N., R. 2 W., S. of center of sec. 23, on E. side of rd., at NE. corner of small wooden bridge over canal, on pointed rock; highest point.-

4, 246. 94
Utah Hot Springs, S. of city limits, near N. side NE $1 / 4$ sec. 23, T. 7 N., R. $2 \mathrm{~W} ., \mathrm{W}$. of R. R. crossing, on N. side of rd., on concrete parapet wall of culvert; bottom of square hole

4, 263.56
Utah Hot Springs, in SE1/4 sec. 14, T. 7 N., R. 2 W., on W. side of curve in rd., in S . end of concrete foundation of iron guard rail; standard tablet stamped "1923 H 17"

4, 282.240.
Reference mark, $83 \mathrm{ft} . \mathrm{S} .25^{\circ} \mathrm{E}$. of tablet, on large boulder; chiseled square

4, 283.67
Utah Hot Springs, 1.7 mi . E. of, in NW $1 / 4 \mathrm{sec} .24$, T. 7 N., R. 2 W., 50 ft . N. and 15 ft . E. from fence, on rock outcrop; chiseled square_- 4, 780. 06

> From Utah Hot Springs west and southwest along roads to sec. 4, T. 6 N., R. 3 W., thence south to Southern Pacific Railroad, thence east to sec. 20 , T. 6 N., R. 2 W. (by E. E. Harris in 1923)

Utah Hot Springs, 0.8 mi . W. of, in NE 44 sec . 22, T. 7 N., R. 2 W., on S. side of rd., 150 ft . W . of corner of fence, on top of concrete wall of culvert; bottom of square hole

4, 235. 81
Utah Hot Springs, 1.3 mi. W. of, near N $1 / 4$ cor. sec. 22, T. 7 N., R. 2 W., on S. side of rd., in SW. corner of small bridge over Warm Springs Creek, on masonry abutment; bottom of square hole

4, 231. 59
Utah Hot Springs, 1.9 mi . W. of, near S. side SE14 sec. 16, T. 7 N., R. 2 W., on N. side of rd., on NE. wing wall of bridge over Warm Springs Creek; bottom of square hole
$4,225.89$
Utah Hot Springs, 2.7 mi W. of, near SW. cor. sec. 16, T. 7 N., R. $2 \mathrm{~W} ., 2 \mathrm{ft}$. N . of junction of T-rd. N., in angle in fence line, just W. of gate, in concrete post; standard tablet stamped " 1923 H 18"- 4, 220. 659
T. 7 N., R. $3 \mathrm{~W} ., \mathrm{NE} 1 / 4 \mathrm{sec} .25,0.2 \mathrm{mi}$. N. of sheep shed, E. of rd., in angle in fence line, 3 ft . from each fence, in concrete post; standard tablet stamped " 1923 H 19"

4, 209. 749
T. 7 N., R. 3 W., near SE. cor. sec. 35 , in NW. angle of crossroads, 5 ft . N . and 2 ft . W. from fence, at gate across rd. W., in concrete post; standard tablet stamped "1923 H 20 "

4, 213. 757
T. 6 N., R. 3 W., on E. side SE1 $1_{4}^{\prime}$ sec. $4,15 \mathrm{ft}$. S. of junction of lane W., on W. side of rd., 2 ft . E. of fence, in concrete post; standard tablet stamped "1923 H 21"

Feet

4, 217. 119
T. 6 N., R. 3 W., near W $1 / 4$ cor. sec. 10, in SE. angle of crossroads, on NE. wing wall of bridge over irrigation ditch; bottom of square hole. ..... $4,220.55$
T. 6 N., R. 3 W., at corner of secs. 15, 16, 21, and 22, at center of cross- roads; road surface ..... 4, 216. 9Reese, 1.2 mi . W. of, in NW $1 / 4 \mathrm{sec} .22$, T. 6 N., R. 3 W ., in NE. angle ofcrossing of Southern Pacific R. R. and second-class rd., in angle infence, 6 ft . from each fence, in concrete post; standard tabletstamped " 1923 H 23"4, 217. 772
Reference mark, 20 ft . S. of tablet, on top of drain pipe; bottom of square hole ..... 4, 216. 98
Reese, 0.5 mi . W. of, on E. side NE1/4 sec. 22, T. 6 N., R. 3 W., in NW. angle of grade crossing, just W. of milepost 772, on top of N. end of E. concrete abutment of trestle; bottom of square hole ..... 4, 225. 14
Reese, in front of sta. sign; top of rail ..... 4, 223. 1
Reese, 0.5 mi . E. of, on W. side NW $1 / 4 \mathrm{sec} .24$, T. 6 N., R. 3 W., in NE.angle of grade crossing, on top of concrete wall of culvert; bottomof square hole4, 221. 09
T. 6 N., R. 3 W., sec. 24, 50 ft . W. of semaphore, on N. side of track, on top of N . end of E . abutment of concrete culvert $773-\mathrm{B}$; bottom of square hole ..... 4, 220.03
T. 6 N., R. $2 \mathrm{~W} .$, NW $1 / 4 /$ sec. 19 , in N. end of W. abutment of trestle over Weber River; standard tablet stamped "1923 H 24" ..... 4, 229. 135
Reference mark, 16 ft . S. of tablet, on top of S. end of W. abutment of trestle; bottom of square hole ..... 4, 227. 84
From point on Southern Paciflc Railroad 1.2 miles west of Reese west along railroad to point 1 mile west of Little Mountain station (by E. E. Harris in 1023; double-run spur line)
Little Mountain sta., about 2 mi . E. of, in NW $1 / 4 \mathrm{sec} .21$, T. 6 N., R. 3 W., $1,440 \mathrm{ft}$. E. of milepost 770, on S. side of track, on NE. corner of concrete foundation of semaphore 770-4; bottom of square hole_
Little Mountain sta., about 1 mi . E. of, in NW1/4 sec. 20, T. 6 N., R. 3 W., $2,000 \mathrm{ft}$. E. of milepost 769, on N. side of track, on SW. corner of concrete foundation of semaphore 769-3; bottom of square hole
4, 217. 19
Little Mountain sta., in front of; top of rail ..... 4, 216. 6
Little Mountain sta., 850 ft . W. of, on S. side of track, in E. end of concrete culvert; top of iron bolt ..... 4, 213. 54
Little Mountain sta., 1.0 mi . W. of, near center of sec. 24, T. 6 N., R. 4 W ., on S. side of track, in base on E. side of concrete foundation of semaphore 767-6; standard tablet stamped "1923 H 22" ..... $4,215.893$
From Utah Hot Springs north along Oregon Short Line Railroad into Corinne quadrangle (by E. E. Harris in 1923; leveled twice between Perry and Brig-ham)
Utah Hot Springs, in front of sta.; top of rail ..... 4, 275. 4
Utah Hot Springs, 0.5 mi . N. of, at semaphore $9-3$, at switch; top of rail ..... 4, 269. 1
Utah Hot Springs, 1.0 mi . N. of, in SW $1 / 4 \mathrm{sec} .11$, T. 7 N., R. 2 W., inSE. angle of grade crossing, on top of masonry culvert 9.87 ; bottomof square hole4, 268. 21

Nerva, at sta. on Utah-Idaho Central R. R. (Electric), 2.2 mi . N. of Utah Hot Springs, 3.0 mi . S. of Willard, in SW 14 sec .2 , T. 7 N., R. 2 W., on S. side of rd., on W. side of track, in angle in right-of-way fence, 4 ft . from each fence, in concrete post; standard tablet stamped "1923 H 27".

Feet
Reference mark, 125 ft . N. $25^{\circ}$ E. of tablet, on top of 36 -in. concrete drain pipe; bottom of square hole ............................................

4, 257. 97
Willard, 1.9 mi . S. of sta., in SW $1 / 4 \mathrm{sec} .35$, T. 8 N., R. $2 \mathrm{~W} ., 900 \mathrm{ft}$. N. of milepost 12, on E. side of track, on NW. corner of concrete foundation of semaphore 12-1; bottom of square hole

4, 216. 62
Willard, 0.9 mi . S. of, near E. side $\mathrm{SE} 1 / 4 \mathrm{sec} .27$, T. 8 N., R. 2 W., 1,200 ft . N. of milepost 13 , on W. side of track, on top of concrete wall of culvert 13-12; bottom of square hole
$4,236.61$

| Willard, $50 \mathrm{ft}$. S. of sta., in $\mathrm{SE} 1 / 4 \mathrm{sec} .22$, T. 8 N., R. 2 W. , on E. side |
| :--- |
| $\begin{array}{l}\text { of track, in top of right-angled turn in concrete retaining wall of } \\ \text { sta. platform; standard tablet stamped "1923 }\end{array}$ |

Reference mark, 159 ft . S. of tablet, on top of S. end of retaining wall;
bottom of square hole.---------------------------------1, 265. 84
Willard, in front of sta.; top of rail 4, 265.8
Willard, 0.8 mi . N. of, in NE 74 sec .22 , T. 8 N., R. 2 W., on E. side of track, in center of top of concrete culvert 14-83; bottom of square hole

4, 255. 55
Willard, 0.9 mi . N. of, in SE $1 / 4 \mathrm{sec} .15$, T. 8 N., R. 2 W., in SE. angle of grade crossing, 150 ft . S. of milepost 15 , on top of concrete wall of culvert 14-97; bottom of square hole
$4,254.87$
Willard, 1.8 mi. N. of, near N. side NE $1 / 4$ sec. 15, T. 8 N., R. 2 W., 60 ft . N. of grade crossing, on W. side of track, on base on S. side of concrete foundation of semaphore $15-8$; bottom of square hole-

4, 242.11
Willard, 2.4 mi . N. of, E. of center of sec. 10 , T. 8 N., R. 2 W., 0.8 mi. S. of Perry sta., in SW. angle of grade crossing, in center of top of S. wing wall of concrete culvert; standard tablet stamped " 1923 H 29 "
$4,244.503$
Reference mark, 38 ft . $\mathrm{N} .80^{\circ} \mathrm{E}$. of tablet, on top of concrete wall of culvert; bottom of square hole
$4,244.59$
Perry sta., 40 ft . N. of sta. sign, in NW. angle of grade crossing, on top of concrete wall of culvert; bottom of square hole
$4,260.07$
Perry sta., 0.8 mi . N. of, in SE $1 / 4 \mathrm{sec} .34$, T. 9 N., R. $2 \mathrm{~W} ., 60 \mathrm{ft}$. N. of milepost 18, on E. side of track, on top of concrete wall of culvert 18-02; bottom of square hole

4, 254. 58
Perry sta., 1.7 mi . N. of, near NE. cor. sec. 34, T. 9 N., R. 2 W., 2.1 mi. SW. of Brigham, 220 ft . S. of milepost 19 , on E. side of track, 10 ft . N. of gate, 3 ft . E. of right-of-way fence, in concrete post; standard tablet stamped " 1923 H 30 "
$4,243.567$
Reference mark, $156 \mathrm{ft} . \mathrm{S} .10^{\circ} \mathrm{W}$. of tablet, on W . end of concrete culvert; bottom of square hole
$4,243.34$
Brigham, 1.1 mi. SW. of sta., near N. side NW $1 / 4$ sec. 26, T. 9 N., R. $2 \mathrm{~W} ., 70 \mathrm{ft}$. S. of milepost $20,40 \mathrm{ft}$. E. of and 10 ft . lower than track, on top of masonry culvert; bottom of square hole
$4,262.83$
From Corinne quadrangle at point 5 miles southwest of Brigham southwest and west along roads to sec. 31, T. 8 N , R. 3 W ., thence northeast and north and back into Corinne quadrangle at point about 6 miles south of Stokes (by E. E. Harris in 1923)
T. 9 N., R. 3 W., near N. side NE $1 / 4$ sec. $25,1.4$ mi. SW. of Ritter Bridge, 0.2 mi . E. of rd., 200 ft . N. of ditch, on W. bank of slough, in root on E . side of lone cottonwood tree; copper nail and washer-- 4, 211. 40
T. 9 N., R. 3 W., SE $1 / 4$ sec. 26, 3.2 mi. SW. of Ritter Bridge, on N.side of rd., on S. bank of Bear River, in root on N. side of eastern-4,
most of two poplar trees, tree blazed; copper nail and washer....-most of two poplar trees, 200 ft SE. of, in sec. 30 , T. 9 N., R. 3 W ., in anglein fence, 4 ft . from each fence, in concrete post; standard tabletstamped " 1923 H 39"4, 207. 506
Bear River Club, at boat landing on N. bank of Bear River, in base on E. side of lone cottonwood tree; spike ..... 4, 208. 81
Bear River Club, 2.2 mi . along rd. E. of, 1.3 mi . SW. of ChesapeakeGun Club, on S. side of rd., 3 ft . E. of fence, just E. of small cabin,in top of upright support of retaining wall of causeway; copper nailand washer4, 207. 51
Chesapeake Gun Club, 0.2 mi . SW. of, near W $1 / 4$ cor. sec. 27, T. 9 N., R. $3 \mathrm{~W} ., 300 \mathrm{ft}$. S. of small bridge, 30 ft . N. of dim rd. E., on E. side of rd., in concrete post; standard tablet stamped " 1923 H 38 "... ..... 4, 211. 053
From sec. 24, T. 5 N., R. 2 W., south along roads and U. S. Highway 91 to Clear- field, thence southeast into Ogden quadrangle (by A. K. Andrews in 1925)
Clearfield, 2.5 mi . N. of, about 500 ft . W. of Sunset sta., on Bam-berger Electric R. R., in NE. angle of crossroads, at SW. corner ofstore owned by Smith Bros. Co., on concrete foundation; chiseledsquare$4,555.36$Clearfield, 1.5 mi . N. of, near E. side SE1/4 sec. 26, T. 5 N., R. 2 W.,on W . side of highway, on S . end of concrete bridge over irrigationcanal, on rail footing; chiseled square4, 570.32
Clearfield, 0.5 mi . N. of, about 45 ft . NW. of center of crossroads,about 25 ft . W. of center line of highway, inside of enclosure, 4 ft .from each fence; standard iron post with bronze cap stamped " 27A 1925"4, 522. 030
U. S. C. \& G. S. B. M. designated "D 1 " ..... 4, 434. 709
T. 4 N., R. $2 \mathrm{~W} ., \mathrm{SW} / 4 \mathrm{sec} .1,60 \mathrm{ft}$. N. of junction of T-rd. E., on E. side of highway, on concrete head wall of highway culvert; chiseled square ..... $4,484.88$
T. 4 N., R. 2 W., near E. side $\mathrm{SE} 1 / 4 \mathrm{sec} .12,50 \mathrm{ft}$. S. of crossroads, on W. side of highway, on top of SE. end of concrete head wall of culvert; chiseled square ..... $4,477.12$From Ogden quadrangle near Layton west along road about 4 miles, thencenorthwest and north to Hooper (by A. K. Andrews in 1925)
Lavton, 1.9 mi . W. of, in front of Latter Day Saints Church, on N. side of rd., in $12-\mathrm{in}$. poplar tree; spike ..... 4, 304. 00
Layton, 3.0 mi . W. of, in NW $1 / 4$ sec. 25 , T. 4 N., R. 2 W., in SE. angle of crosstroads, in NW. corner of field, 4 ft . from each fence; stand- ard iron post with bronze cap stamped " 35 A 1925" ..... 4, 275. 054
Reference mark, $28 \mathrm{ft} . \mathrm{N} .75^{\circ} \mathrm{W}$. of post, on E. end of concrete cul- vert; chiseled square ..... 4, 274.67
T. 4 N., R. 2 W., near N. side $\mathrm{NW} 1 / 4$ sec. 16, in SE. angle of cross- roads, 10 ft . S. of irrigation ditch; standard iron post with bronze cap stamped " 36 A 1925" ..... 4, 251.858
Reference mark, 14 ft . N. $20^{\circ} \mathrm{E}$. of post, in concrete head gate; iron bolt. ..... 4, 253.27
T. 4 N., R. 2 W., near SW. cor. sec. 4, in NE. angle of crossroads, onE. side of concrete culvert over irrigation ditch; chiseled squiare. -4, 272.86
T. 4 N., R. 2 W., near NE. cor. sec. 6, 375 ft. W. of West Point store,SW. of junction of T-rd. N.; standard iron post with bronze capstamped " 37 A 1925"4, 248.964

# PROVO QUADRANGLE 

[Latitude $40^{\circ} 00^{\prime}-40^{\circ} 30^{\prime}$; longitude $111^{\circ} 30^{\prime}-112^{\circ} 00^{\prime}$ ]
SALT LAKE, UTAH, AND WASATCH COUNTIES
From Fort Douglas No. 3 quedrangle southeast along Denver \& Rio Grande
Western Railroad into Nephi quadrangle (by L. F. Biggs in 1910)
Feet

Riverton, 6.5 mi . S. of, in Jordan Narrows, opposite intake of canal, 6 ft . E. of R. R. track, in SE. corner of concrete bridge over Jordan River; aluminum tablet stamped " $4489 \quad 6$ " ${ }^{72}$
$4,489.973$
Lehi, in E. wall of schoolhouse, on $S$. side of main entrance, 4 ft . above ground, in cement; aluminum tablet stamped " $4560 \quad 7$ " $\ldots$ 4, 561. 972
American Fork, 200 ft . S. of sta., 50 ft . N. of rd. crossing, 10 ft . E. of track, in $S$. side of concrete culvert of irrigation ditch; aluminum tablet stamped " 45658 " (recovered by U. S. C. \& G. S. in 1927)

4, 566. 113
American Fork, in front of sta.; top of E. rail_............................ 4, 566. 4
Geneva, 50 ft . E. of mouth of small creek, 150 ft . S. of section house, on W. edge of R. R. grade, in SW. corner of top of concrete abutment 706-A; aluminum tablet stamped "4496 9 " ${ }^{73}$

4, 497. 316
Utah Lake; surface of water at 11 a. m. July 20, 1910
4, 489. 1
Lakota, $1,100 \mathrm{ft}$. S. of sta. sign, 50 ft . E. of R. R. right-of-way, in SW. corner of concrete bridge over irrigation canal; aluminum tablet stamped " $4551 \quad 11$ " ${ }^{73}$.

4, 552. 731
Provo, 200 ft . N. of sta., in SW. corner of Zion Cooperative Niercantile Institution building, 4 ft . above ground, in brick wall; aluminum tablet stamped " 4520 12" (recovered by U. S. C. \& G. S. in 1927)

4, 521. 562
Provo, in W. wall of post office, 3 ft . S. of main entrance, above basement window, in top of coping; aluminum tablet stamped "4552 13" (recovered by U. S. C. \& G. S. in 1927)

4, 553. 150
Springville, 1.7 mi . N. of, in NW. corner of top of concrete abutment
of bridge $693-\mathrm{A}$; aluminum tablet stamped " 450314 " $\ldots \ldots-\ldots 4,504.880$
Springville, in W. wall of sta., 5 ft . from entrance to waiting room, 4 ft . above ground; aluminum tablet stamped "4561 15" (recovered by U. S. C. \& G. S. in 1927)

4, 562. 517
Mapleton, opposite sta.; top of E. rail_-----.-................................ 4, 730. 0
Mapleton, $2,000 \mathrm{ft}$. SE: of sta., 650 ft . SE. of milepost $91,5 \mathrm{ft} . \mathrm{N}$. of large field gate, at rd. crossing, on E. edge of right-of-way, in 6 - by $5-\mathrm{ft}$. sandstone monument buried 3 ft . in ground; aluminum tablet stamped "4739 16"

4, 740. 542

${ }^{72}$ In 1922 this benchmark was reported destroyed.
${ }^{33}$ In 1922 this tablet was reported buried as a result of railroad improvements.

## From Jordan Narrows southeast along Denver \& Rio Grande Western Railroad to Provo (by E: E. Harris in 1922)

Jordan Narrows, 6.5 mi . SE. of Riverton, $0: 2 \mathrm{mi}$. NW. of milepost $722,125 \mathrm{ft}$. W. of track, in NE. end of Bureau of Reclamation concrete dam across Jordan River; standard tablet stamped " 1922 H 3 " (recovered by U. S. C. \& G. S. in 1927) Feet 4, 494. 135

Jordan Narrows, opposite intake of canal, 6 ft . E. of track, on SE. corner of concrete bridge over Jordan River; chiseled square--.-
Jordan Narrows, 1.7 mi . S. of, 0.4 mi . NW. of Mesa siding, 10 ft . E. of track, on $S$. side of grade crossing of second-class rd., in SW. corner of box culvert; top of 10-penny nail.
4, 543. 64

Lehi, 2.6 mi . N. of, 0.5 mi . SE. of Mesa siding, at overhead crossing of Denver \& Rio Grande Western R. R. and Salt Lake \& Utah R. R. (Electric), on E. side of track, in center of top of N. wing of parapet wall of concrete viaduct; standard tablet stamped " 1922 H 2 4549" (recovered by U. S. C. \& G. S. in 1927)
4, 549. 410
Reference mark, 60 ft . W. of tablet, 30 ft . W. of track, on angle of
concrete parapet wall of tunnel; chiseled square..--.-.-.-.-.-. 4, 549. 18
Lehi, 2.1 mi . NW. of, 820 ft . S. of rd. crossing, 560 ft . N. of milepost D-719, 15 ft . E. of track, on concrete head wall of culvert; chiseled square
4, 544. 73
Lehi, $460 \mathrm{ft}. \mathrm{S} .\mathrm{of} \mathrm{sta.}$,60 ft . S. of E.-W. rd., 3 ft from right-of-way
line, in concrete post; standard tablet stamped " $1922 \mathrm{H} 1 \quad 4551$ "-- $4,551.193$
Reference mark, 31 ft . N. $20^{\circ} \mathrm{W}$. of tablet, 40 ft . E. of main-line track, 40 ft . S. of rd. crossing, in top of box culvert; copper nail and washer
4, 550. 47
Lehi, in front of sta.; top of rail............................................... 4, 553. 7
American Fork, 0.4 mi . NW. of sta., 100 ft . E. of rd. crossing, 25 ft . E. of lane N., 35 ft . N. of track, on N. side of rd., on concrete culvert; chiseled square
4, 559. 55
Geneva, 0.7 mi . SE. of,' $1,500 \mathrm{ft}$. N. of milepost D-709, on E. side of
track, N. of two artesian wells, on concrete culvert; chiseled square-- $4,519.48$
T. 6 S., R. 2 E., sec. 17, on W. side of rd., 200 ft . N. of R. R. crossing, in center of top of concrete parapet-wall of large culvert over canal; standard tablet stamped " 1922 H 21.4544 "
4, 543. 700
Reference mark, $21 \mathrm{ft} . \mathrm{S} .85^{\circ} \mathrm{E}$. of tablet, on S. end of concrete culvert; chiseled square
4, 543. 44
T. 6 S., R. 2 E., sec. 21, 15 ft . E. of track, on N. side of rd. crossing, in center of top of concrete head wall of culvert; chiseled square_-- 4, 544. 77
Grade crossing of Denver \& Rio Grande Western and Union Pacific R. Rs.; top of rail
4, 548. 2

Lakota, $1,100 \mathrm{ft}$. S. of sta., 50 ft . N. and 90 ft . E. from rd. crossing, 35 ft . NW. of concrete bridge, on W . bank of canal, in concrete post; standard tablet stamped "1922 H 22 4552".
4, 552. 006
Reference mark, 40 ft . S. $50^{\circ} \mathrm{E}$. of tablet, on top of culvert; chiseled square
4, 552. 73

[^59]Provo, 0.5 mi . NW. of sta., in sec. 2, T. 7 S., R. 2 E., at trestle over Provo River, on top of S. end of E. concrete abutment; chiseled square ..... 4, 538. 92
Provo, in SW. angle of intersection of R. R. and Center Street. West, on masonry culvert; chiseled square ..... 4, 531. 22
Provo, 50 ft . N. and 20 ft . E. from crossing of R. R. at Ninth Street West, in center of top of concrete wall of large culvert; chiseled square ..... 4, 525. 04
Provo, on W. side of Eleventh Street West, 400 ft . from end of street, in concrete post; standard tablet stamped " 1922 H $20 \quad 4500$ ".... ..... 4, 499. 959
Provo sta., in front of telegraph office window; top of nearest rail.... ..... 4, 519. 7
From Jordan Narrows southeast clong Union Pacific Railroad 8 miles, thence generally southeast glong roads and Salt Lake \& Utah Railroad (Electric) by way of Lindon to point near Orem station, thence east by road and south along Denver \& Rio Grande Western Reilroad to Provo (by E. E. Harris in 1922)
T. 4 S., R. 1 W., sec. 26, on E. side of highway, just S. of point of mountain, in center of top of concrete parapet wall of culvert over canal; chiseled square ..... 4, 792. 38
T. 4 S., R. 1 E., sec. $31,40 \mathrm{ft}$. N. and 80 ft . E. from crossing of Union Pacific R. R. and dirt rd., in angle of fence, in concrete post; standard tablet stamped "1922 H 7 4700" ..... 4, 700. 326
Reference mark, $93 \mathrm{ft} . \mathrm{S} .50^{\circ} \mathrm{W}$. of tablet, in SE. angle of crossing, in end of box culvert; copper nail and washer- ..... $4,694.04$
T. 4 S., R. 1 E., in SE. cor. sec. 31, at crossing, 20 ft . W. of track, in base of crossing signal; spike ..... $4,632.78$
T. 4 S., R. 1 E., in SE $1 / 4$ sec. 33 , on W. bank of Dry Creek, in concrete post; standard tablet stamped "1922 H 8 4786" ..... 4, 785. 980
T. 5 S., R. 1 E., in NW. cor. sec. 10, in SE. angle of junction of T-rd. E., on top of NW. corner of large concrete culvert 7 ft . above rd.; chiseled square ..... $4,766.43$
T. 5 S., R. 1 E., sec. 10, on E. bank of canal, 50 ft . S. of Mitchell Hollow rd., on concrete wall of culvert; chiseled square ..... $4,728.46$
T. 5 S., R. 1 E., near SW. cor. sec. 1, about. 2 mi. N.. of American Fork along rd. to Alpine, in SW. angle of junction of T-rd. W., in corner of fence, 5 ft . from each fence, in concrete post; standard tablet stamped " 1922 H 9 4799" ..... 4, 799.059
Reference mark, $16 \mathrm{ft} . \mathrm{N} .15^{\circ} \mathrm{E}$. of tablet, on round stone; chiseled square ..... 4, 796. 69
T. 5 S., R. 1 E., near NE. cor. sec. 12, on W. side of rd., on S. side of lane W., on highest point of stone boundary post between American Fork and Alpine Precincts; chiseled square ..... 4, 817. 07
T. 5 S., R. 2 E., in SW. cor. sec. 7, in NE. angle of crossroads, in root on N. side of $10-\mathrm{in}$. mulberry tree; copper nail and washer ..... 4, 755. 06
T. 5 S., R. 2 E., in NE 14 sec. 18 , in SW. angle of junction of T-rd. S., in corner of fence, 5 ft . from each fence, in concrete post; standard tablet stamped " 1922 H 10 4748" ..... 4, 748. 386
Reference mark, $90 \mathrm{ft} . \mathrm{N} .60^{\circ} \mathrm{E}$. of tablet, on N . end of concrete culvert; chiseled square ..... 4, 749. 21
T. 5 S., R. 2 E., in NE1/4 sec. 18 , on E. side of rd., on concrete culvert over canal; chiseled square ..... $4,682.35$
T. $5 \mathrm{~S} .$, R. 2 E ., in $\mathrm{SE} 1 / 4 \mathrm{sec} .18$, in SW . angle of crossroads, on top of concrete arch culvert; chiseled square ..... $4,630.97$
T. $5 \mathrm{~S} ., \mathrm{R} .2 \mathrm{E}$. , in NE $1 / 4 \mathrm{sec}$. 19, in NW. angle of crossroads, on top of concrete wall of culvert; chiseled square ..... $4,577.33$
T. 5 S., R. 2 E., in NW $1 / 4$ sec. 20 , in NE. angle of crossroads, on con- ..... Feet Pleasant Grove, 0.5 mi . N. of school, in SW . angle of junction of Y -rd.,at NE. corner of cemetery, on N. end of concrete culvert; chiseledsquare4, 643. 28
Pleasant Grove, 1 block E. of center of town, in NW. angle of streetintersection, about 700 ft . N. of school, in vacant lot, in concretepost; standard tablet stamped "1922 H 11"4, 621. 420
Reference mark, 45 ft . E. of tablet, on concrete walk; chiseled square_ ..... 4, 622.49
T. 5 S., R. 2 E., in NE $\frac{1}{4} \mathrm{sec}$. 29 , on E: side of highway, on concrete culvert; chiseled square ..... 4, 582. 09
T. 5 S., R. 2 E., in SW $1 / 4 \mathrm{sec}$. 28 , on W. side of highway, 60 ft . N. of pri- vate lane crossing Salt Lake \& Utah R. R. (Electric), on S. end of con- crete culvert; chiseled square ..... 4, 590.61
Lindon, 0.2 mi . W. of sta., on E. side of highway, 40 ft . N. of Gulli- more Mercantile Co. store, in center of top of concrete head wall of culvert; chiseled square ..... $4,623.68$
Lindon, in front of sta. sign; top of rail ..... 4, 640. 3
Harris, in front of sta. sign; top of rail ..... 4, 713.6.
Harris, $3 \mathrm{ft} . \mathrm{W}$. of freight sta., 40 ft . W. of track, 70 ft . S. of rd. cross- ing, in concrete post; standard tablet stamped " 1922 H $12 \quad 4711$ ". ..... $4,711.374$
Reference mark, 81 ft . $\mathrm{N} .20^{\circ} \mathrm{E}$. of tablet, on concrete culvert; chiseled square ..... 4, 712.14
Harris, 0.6 mi . SE. of, 0.8 mi . N.W. of Orem sta., at rd. crossing, 10 ft . W. of track, on N. side of rd., on SW. corner of box culvert; copper nail and washer ..... 4, 736. 68
Orem, 800 ft . N. of sta., at rd. crossing, 15 ft . E. of track, on S. side of rd., on top of $15-\mathrm{in}$. corrugated drain pipe; chiseled square ..... 4, 758. 99
Orem, in front of sta. sign; top of rail ..... 4, 760. 4
T. 6 S., R. 2 E., W. of SE. cor. sec. 10, in NW. angle of crossroads, 3 . ft. E. of telephone pole, on flat'rock; chiseled square ..... 4, 766: 58
T. 6 S., R. 2 E., E. of NW. cor. sec. $13,120 \mathrm{ft}$. S. of junction of T-rd. W., on E. side of rd., on N. side of lane E.; in top of cencrete wall of large culvert; staiidard: tảblet stampéd" "1922 H 1.3": ..... 4, 832. 595
Reference mark, 16 ft . $\mathrm{S} .88^{\circ} \mathrm{W}$. of. tablet, on end of culvert; chiseled square ..... 4, 832.52
T. 6 S., R. 2 E., in NE14 sec .13 , on N. side of rd., 10 ft . E. of gage, at W. side of concrete culvert, on large rock; chiseled square ..... 4, 759. 94
T. 6 S., R. 2 E., near NE. cor. sec. 24, 15 ft: E. of Denver \& Rio Grande Western R. R. track, 15 ft . S. of rd. crossing, in SE. corner of box culvert; copper nail and washer ..... 4, 719. 38
Booth, $1,100 \mathrm{ft}$. N. of sta., about 600 ft . W. of $\mathrm{E} \%_{4}^{\prime}$ cor. sec. 24 , T. 6 S .,R. 2 E., 35 ft . E. of track, 30 ft . S. of rd., in top of W. wall at gate ofirrigation canal; standard tablet stamped. "1922 H $14 \quad 4693$ "$4,693.015$
Booth, in front of sta. sign; top of rail ..... 4, 685. 6Booth, 0.7 mi . S. of, 660 ftt ' N . 'of milepost P 3 ; 50 ft . N. of farm rd., 10ft . E. of track, in SE. corner of box culvert; copper nail and washer- 4, 650. 20
T. 6 S., R. 2 E., in SE1/4 sec. 25, on E. side of track; at S. end of trestleN 2-B over canal; top of iron bolt4, 625. 28Provo, 150 ft . SW. of Provo Ice and Cold Storage plant, 20 ft . S. ofcenter line of rd., 35 ft . W. of track, on top of concrete drain pipe;chiseled square$4,587.68$
Provo, in .SE. angle of intersection of Second Street West and FifthStreet North, in N. end of trestle 1-B over canal; top of iron bolt_- 4, 561. 774,561.77
Provo, at Utah County courthouse, in NE. corner of lawn; standard ..... Feetiron post with bronze cap'stamped " 1922 H 15"4, 549. 462
Provo, at Utah County courthouse, in SE. corner of lawn, in large square stone; standard tablet stamped "1922 H 16 4546" ..... 4, 546. 380
Provo, in NW. angle of intersection of Seventh Street East and Third Street South, on curb; chiseled square ..... $4,542.73$
Provo, on E. side of State rd. and S. side of Eighth Street South, in 6 -in. concrete menument 6 in . above ground; aluminum tablet stamped " 1922 H 17 " and designated " 13 " by Bureau of Reclama- tion ..... 4, 559. 439
Provo, 0.5 mi . N. of Utah County Infirmary, 30 ft . N. of junction ofrd. W., on W..side of curve in highway, on top of N. end of concreteparapet wall of large culvert; chiseled square$4,520.26$
Provo, at Utah County Infirmary, in stone at S. end of front steps ofbuilding; standard tablet stamped "1922 H 18" and designated"12" by Bureau of Reclamation4, 571. 573
Provo, 1.0 mi . W. of Utah County Infirmary, 1.6 mi . SE. of Zion Co-operative Mercantile Institution, $1,460 \mathrm{ft}$. W. of Union Pacific R. R.,about 340 ft . S. of rd., 1 ft . N. of buried stone marking $\mathrm{S} \frac{1}{4} \mathrm{cor}$. sec.18, T. 7 S., R. 3 E., in concrete monument 6 in. square and 4 in .above ground; standard tablet stamped "1922 H 19" and desig-natèd " 15 " by Bureau of Reclamation.4, 496. 694
Provo, 0.9 mi . SE. of, 15 ft . W. of track, on NW. corner of concrete culvert; chiseled square ..... 4, 499. 92
From Lehi along road west 3.5 miles, thence south 3 miles, thence west 1 mileto sec. 27, T. 5 S., R. 1 W., thence north to Jordan Narrows (by E. E. Herris in1922)

Lehi, 0.7 mi . W. of, in NW $1 / 4 \mathrm{sec}$ 17, T. 5 S., R. 1 E., in NE. angle of crossroads, on top of concrete wall of culvert; chiseled square4, 534.80
Lehi, 1.2 mi . W. of, in NE 14 sec 18, T. 5 S., R. 1 E., in SE. angle ofcrossroads, on top of concrete wall of culvert; chiseled square.....4, 519. 52
Lehi, 1.7 mi . W. of, in $\dot{N} \cdot W / 4 / 4 \mathrm{sec} .18$; T. $5 \mathrm{~S} .$, R. 1 E., 40 ft . W. of junc-tion of T-rd. S., on N. side of main rd., on E. side of private laneN.; top of iron ring in ball of concrete hitching post4, 506. 96
Lehi, 2.6 mi . W. of, at SE. corner of bridge over Jordan River, in top of cylinder support; top. of iron bolt ..... 4, 494. 42
Jordan River, under highway bridge; surface of water at 11:30 a. m. July 3, 1922 ..... 4; 491. 1-
Lehi, 3.3 mi . W. of, near center of sec. 14, T. 5 S., R. 1 W., in NE. angleof junction of T-rd. E., in corner of fence, in concrete post; stand-ard tablet-stamped " 1922 H 4"$4,534.690$
T. 5 S., R. 1 W., near $\mathrm{S} 1 / 4$ cor. sec. 14, on E. side of rd., on top of 12 -in. concrete drain pipe; chiseled square ..... 4, 506. 77
T. 5 S., R. 1 W., near center of sec. 23 , in SW. angle of junction of T-rd. W., on top of $15-\mathrm{in}$. drain pipe; chiseled square ..... 4, 520.07
T. 5 S., R. 1 W., near $\mathrm{N} 1 / 4$ cor. sec. $26,300 \mathrm{ft}$. S. of junction of second- class rd. W., on E. side of rd. and fence, on concrete wall of culvert; chiseled square ..... 4, 535. 54T. 5 S., R. 1.W., near center of sec. $26,130 \mathrm{ft}$. N. of junction of T-rd.E. to Saratoga Springs, on E. side of rd., on concrete culvert;chiseled square4, 541. 84
T. 5 S., R. 1 W., near $\mathrm{S} 1 / 4$ cor. sec. 26 , in NW. angle of junction of T-rd. W., on concrete culvert;: chiseled square ..... 4, 548. 94
T. 5 S., R. 1 W., near SE. cor. sec. 27, in SE. corner of bridge over ..... Feet
Upper Utah Lake Canal, on concrete abutment; chiseled square ..... 4, 589: 62
T. $5 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W}$., near $\mathrm{S} 1 / 4$ cor. sec. $27,40 \mathrm{ft}$. N. of center line of rd., 300 ft . E. of cabin, on S. baink of deep ravine, in concrete post; standard tablet stamped " 1922 H $5: 4628$ " ..... 4, 628.266
Clinton, in front of Union Pacific R. R. sta. sign; top of rail ..... 4, 666. 3
Clinton, 1.6 mi . N. of, near center of sec. 3, T. 5 S., R. 1 W., about 1;000ft . W. of canal, on N. side of rd., on small stone at gate to pasture;chiseled square4, 765.81
Clinton, 2.2 mi. N. of, in SW. cor. sec. 35, T. 4 S., R. 1 W., in NE. angle of junction of T-rd. E., in corner of fence, 5 ft . from each fence, in concrete post; standard tablet stamped " 1922 H 6 4705". ..... 4, 705. 185
Reference mark, 30 ft . $\mathrm{S}. 45^{\circ} \mathrm{W}$. of tablet, at corner of secs. 2, 3, 34, and 35 , Tps. 4 and $5 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W} . ;$ top of iron post ..... 4, 706.08
T. 4 S., R. 1 W., near SW. cor. NW $1 / 4 \mathrm{sec} .35$, at foot of hill, on E. side of rd., in center of top of concrete head wall of culvert over canal; chiseled square ..... 4, 736. 14
T. 4 S., R. 1 W., in SW $3 / 4 \mathrm{sec} .26,270 \mathrm{ft}$. S. of siphon, on S. side of concrete bridge over canal; chiseled square ..... 4, 739. 84
Narrows, in front of sta. of Salt Lake and Utah R. R. (Electric); top of rail ..... 4, 596. 4
From point 1 mile west of Lehi along roads south and west to sec. 26, T. 5 S.,R. 1 W. (by E. E.. Harris in 1922)
Lake Monument, N. of center of sec. 25, T. 5 S., R. 1 W., at Salt Lake-Utah county line, 50 ft . E. of power plant, in S. side of monu- ment; copper bolt (compromise benchmark) ..... 4, 495. 179
Reference mark, at N. end of flood gates, on concrete wall; chiseled square ..... 4, 492. 77
T. 5 S., R. 1 W., sec. 25 , on S. side of rd. and fence, 60 ft . E. of bridge over Jordan River, 100 ft . W. of pumping station gate, in large concrete block; standard tablet not stamped ..... 4, 492. 541
From point 0.2 mile north of Booth station west along roads to sec. 21, T. 6 S., R. 2 E. (by E. E. Harris in 1923)
T. 6 S., R. 2 :E., sec. 24, at bridge over Provo River, on top of S. end of W. abutment; chiseled square ..... 4, 697.85
Provo River, under bridge; surface of water sat 7 a . m. July 21, 1922 ..... 4, 688. 2
T. 6 S., R. 2 E., sec. $24,35 \mathrm{ft}$. N. and 30 ft . E. from junction of T-rd.E., 20 ft . W. of canal, on stone; chiseled square4, 720. 10
Orem, in sec. 23, T. 6 S., R. 2 E., at S. limits, in SW. angle of cross- roads, on concrete culvert; chiseled square ..... $4,756.16$
Curtis, 0.2 mi . E. of sta., near N1/4 cor. sec. 26, T. 6 S., R. 2 E., on W. side of highway, on S. side of T-rd. W., on concrete culvert; chiseled square ..... 4, 750. 64
Curtis, S. of sta., in center of rd. crossing; top of rail ..... 4, 749. 7T. 6 S., R. 2 E., in NE. cor. sec. $27,40 \mathrm{ft}$. S. and 40 ft . W. from centerof crossroads, in concrete post; standard tablet stamped " 1922 H 23$4739^{\prime \prime}$4, 738. 868
Reference mark, 47 ft . N. $70^{\circ}$ E. of tablet, on concrete culvert; chiseled square ..... 4, 740. 35T. 6 S., R. 2 E., on N. side of NW $1 / 4 \mathrm{sec} .27$, on N. side of rd., in center.of top of concrete parapet wall of large culvert over canal; chiseledsquare4, 676. 09
T. $6 \mathrm{~S} .$, R. 2 E., sec. 21 , in center. of crossing of rd. and R. R.; top of ..... Feet rail ..... 4, 548. 1
From Fort Douglas No. 3 quadrangle.at.séc..10, T. 4 S., R. 1 W., along hïghway to Olivers, thence south along. Denver \& Rio Grande Western Railroad to Jordan Narrows (by E. E. Harris in 1923)
T. 4 S., R. 1 W., near N $1 / 4$ cor. sec. 10, in SW. angle of junction of T-rd. W., on concrete parapet wall of culvert; bottom of square hole4, 453: 35
T. $4 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W} ., 0.2 \mathrm{mi}$. N. of center of sec. 10 , in SW . angle of junction of T-rd. W., on concrete parapet wall of culvert; bottom of square hole.$4,435.71$
T. 4 S., R. 1 W ., near center of sec. $10,200 \mathrm{ft}$. S. of junction of T-rd. E., af summit of grade, on E. side of rd., $3 . \mathrm{ft}$. inside of fence, in concrete post; standard tablet stamped "1923 H. 51" 4, 434. 008
Reference mark, 204 ft . N. of tablet, in root on W. side of $15-\mathrm{in}$. cottonwood tree; copper nail and washer
4, 417. 28
T. 4 S., R. 1 W., about 900 ft . E. of center of sec. 10, on S. side of rd., in center of top of concrete parapet wall of bridge over Jordan River; bottom of square hole
$4,391.69$
Jordan River, under bridge; surface of water August 15, 1923_...... 4, 380. 2
Olivers, near center of sec. 11; T. 4 S., R. 1 W., 400 ft . N. of sta., at overhead crossing of Denver \& Rio Grande Western R. R., on top of W. end of S. concrete abutment of trestle; bottom of square hole_
Olivers, in front of sta. sign; top of rail
4, 448. 99
T. 4 S., R. 1 W., near N. side NE $1 / 4$ sec. $15,1.0 \mathrm{mi}$. SW. of Olivers, in rd. fork E. of R. R. crossing, in corner of pasture, in concrete post; standard tablet stamped "1923 H 52 " (recovered by U. S. C. \& G. S. in 1927)
4, 443. 200
Reference mark, $86 \mathrm{ft} . \mathrm{S} .10^{\circ} \mathrm{W}$. of tablet, on large boulder; chiseled square
4, 445. 81
T. 4 S., R. 1 W., in SE $1 / 4$ sec. 15 , on W. side of R. R. track, on top of W. end of N . concrete abutment of trestle $724-\mathrm{B}$; bottom of square hole
4, 445. 40
T. 4 S., R. 1 W., near N. side NE $1 / 4$ sec. 22, on E. side of curve in track,
on S. end of E. eamerete wall of bridge; bottom of square hole.... 4, 444.47
Nash, in front of sta. sign; top of rail_

From point near north end of Utah Lake southwest and south along road near
west shore of lake and by way of Mosida into Nephi quadrangle near Elberta
(by.E. E. Harris in 1923 ; leveled twice)
T. $6 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W}$. , in $\mathrm{NE} 1 / 4 \mathrm{sec} .2$, on W. side of rd., 40 ft . S. of junction of second-class rd. W., in center of top of concrete head gate of irrigation canal; standard tablet stamped " 1923 H 59".

4, 594. 399
Reference mark, $76 \mathrm{ft} . \mathrm{S} .40^{\circ} \mathrm{E}$. of tablet, in center of top of W. end
of concrete culvert; bottom of square hole.-.-.
T. 6 S., R. 1 W., in $S W 1 / 4$ sec. $1,50 \mathrm{ft}$. E. of rd., in angle in irrigation canal, on top of W. end of N. concrete wall of head gate; bottom of square hole
$4,589.26$
T. 6 S., R. 1 W., E. of center of sec. 12, 60 ft . E. of rd., on S. side of lane E. to dwelling, in SE. corner of small bridge over irrigation canal, on boulder; bottom of square hole
$4,586.23$
T. $6 \mathrm{~S} .$, R. 1 E., near SW. cor. sec. 7, at summit of grade, 30 ft . W. of curve in rd., on boulder; chiseled square
T. 6 S ., R. 1 E., in $\mathrm{SW} 1 / 4 \mathrm{sec} .18,25 \mathrm{ft}$. W. of center line of rd., in line with lane E. to dwelling; in concrete post; standard tablet-stamped " 1923 H 60 ".
T. 6 S., R. 1 E., near SE. cor. sec. 19, 30 ft . E. of center line of rd., 400
ft . N. of junction of rd. E. to Pelican Point, 15 ft . W. of right angle Feetin fence, on boulder; chiseled square4, 574: 85
T. 6 S., R. 1 E., on E. side of SE 14 sec. 30 , at summit of grade, 30 ft . N. of junction of lane E. to dwelling, on W. side of rd., on rock out- crop; bottom of square hole ..... 4, 619. 55
T. 6 S., R. 1 E., near W 34 cor. sec. 32 , at foot of hill, 30 ft . W. of curve in rd., in concrete post; standard tablet stamped " 1923 H 61"..- ..... 4, 587.949
Reference mark, 148 ft . N. of tablet, on section corner post stamped "S1/431 32"; chiseled cross. ..... 4, 587. 38
T. 7 S., R. 1 E., at E $1 / 4$ cor. sec. $6,50 \mathrm{ft}$. E. of rd., on section corner post stamped " $\mathrm{S} 1 / 456$ "; chiseled cross ..... 4, 571. 06
T. 7 S., R. 1 E., NE. of center of sec. 7, on W. bank of rd., on rock out- crop; bottom of square hole ..... $4,627.47$
T. 7 S., R. 1 W., in NE $1 / 4$ sec. 13 , at summit of long grade, 30 ft . W. of rd., N. of dim crossroad, in concrete post; standard tablet stamped "1923 H 62" ..... 4, 729. 743
Reference mark, $65 \mathrm{ft} . \mathrm{N} .12^{\circ} \mathrm{E}$. of tablet, on boulder; bottom of square hole ..... 4, 728. 88
T. 7 S., R. 1 W.; S. of center of sec. $13,30 \mathrm{ft}$. W. of rd., on pointed boulder; chiseled square ..... 4, 660. 01
T. $7 \mathrm{~S} .$, R. 1 W. , sec. $24,25 \mathrm{ft}$. S. of junction of private lane E., on W. side of rd., on boulder; chiseled square ..... 4, 636. 48
T. 7 S., R. 1 W., near NW. cor. sec. 25, $60 \mathrm{ft} . \mathrm{W}$. of rd., in line with lane E., in concrete post; standard tablet stamped " 1923 H 63".- ..... $4,630.482$
Reference mark, 32 ft . S. $60^{\circ}$ E. of tablet; on boulder; chiseled square _ ..... $4,627.81$
T. 7 S., R. 1 W., sec. 26, 30 ft . W. of rd., in line with lane SE. to dwelling, on large flat boulder; chiseled square ..... $4,673.77$
T. 7 S., R. 1 W., sec. $34,40 \mathrm{ft}$. N. of junction of rd. SE., 50 ft . E. of curve in rd., on boulder; chiseled square ..... $4,660.58$
T. 7 S ., R. 1 W ., in NE $y_{4} \mathrm{sec} .33,0.5 \mathrm{mi}$. N. of power line, 50 ft . SE. of curve in rd., in concrete post; standard tablet stamped "1923 H $64^{\prime \prime}$ ..... 4, 647. 577
T. $7 \mathrm{~S} ., \mathrm{R} .1 \mathrm{~W}$. , in $\mathrm{SE} 1 / 4 \mathrm{sec} .33,30 \mathrm{ft}$. W. of rd., on S . bank of wash, on boulder; chiseled square ..... 4, 598.05
T. 8 S., R. 1 W., sec. 4, in NE. angle of crossroads, on boulder buried flush with ground; bottom of square hole ..... 4, 572.95
T. 8 S., R. 1 W., near center of sec. 9 , in fork of Y -rd. SW., on boulder buried flush with ground; bottom of square hole ..... 4, 550.07
T. 8 S., R. 1 W., near SW. cor. sec. $9,1.8 \mathrm{mi}$. N. of abandoned Mosida post office, 70 ft . N. and 50 ft . W. from crossroads, in concrete post; standard tablet stamped "1923 H 65" ..... $4,551.564$
Reference mark, 59 ft . E. of tablet, on concrete head gate of irri- gation canal; bottom of square hole ..... 4, 552. 09
T. 8 S., R. 1 W., in SW $1 / 4$ sec. 21, in SE. angle of crossroads, at SW. corner of abandoned Mosida post office, in base on W. side of power line pole; spike ..... 4, 571. 49
T. 8 S., R. 1 W., near center W. side sec. $28,0.7 \mathrm{mi}$. S. of Mosida, 50 ft . E. of rd., 20 ft . N. of ditch near lone poplar tree, in concrete post; standard tablet stamped "1923 H 66" ..... $4,584.308$
Reference mark, 19 ft . $\mathrm{S} .80^{\circ} \mathrm{W}$. of tablet, in root on S : side of lone poplar tree; copper nail and washer ..... 4, 583. 92

| 40 ft . N . of dim crossroad, 30 ft . E. of rd., on boulder buried flush with ground; bottom of square hole_ | Feet |
| :---: | :---: |
| T. 9 S., R. 1 W., in NW $1 / 4 \mathrm{sec} .4,2.7 \mathrm{mi}$. S. of Mosida, 6.9 mi . N. of Elberta, 300 ft . N. of junction of T-rd. E., on F. side of rd., 4 ft . N . of and in line with power pole, on large boulder; chiseled square - |  |
| T. 9 S., R. 1 W., in SW. cor. sec. 4, 6.2 mi N. of Elberta, 40 ft . E. of rd., 15 ft . E. of corner pole in angle in power line crossing rd., in concrete post; standard tablet stamped "1923 H 67"......... |  |
| T. 9 S., R. 1 W., in SW. cor. sec. $9,5.3 \mathrm{mi}$. N. of Elberta, on E. side of rd., on boulder buried flush with ground; bottom of square hole. $\qquad$ |  |
| T. 9 S., R. 1 W., in SW. cor. sec. 16, 4.2 mi . N. of Elberta, on E. side of rd., on top of drain pipe; chiseled square | $4,612.68$ |
| T. 9 S., R. 1 W., in $\mathrm{SW} 1 / 4 \mathrm{sec} .21,3.5 \mathrm{mi}$. N. of Elberta, at summit of grade, 25 ft . N. of junction of lane E., 40 ft . E. of rd., in concrete post; standard tablet stamped "1923 H 68". |  |
| Reference mark, 52 ft . N. of tablet, on boulder buried flush with ground; chiseled square. | $4,643.54$ |
| T. 9 S., R. 1 W., near center W. side sec. $28,2.8 \mathrm{mi}$. N. of Elberta, 20 ft . S. of junction of T-rd. E., 30 ft . E. of rd., 4 ft . E. of mail box post, on boulder buried flush with ground; chiseled square_... |  |

> From northeast quarter sec. 4, T. 9 S., R. 1 W., southeast long road to' southwest quarter sec. 2, T. 9 S., R. 1 W. (by E. E. Harris in 1923)
T. 9 S., R. 1 W ., in NE $1 / 4 \mathrm{sec}$. 4 , in NE. angle of rd. fork, 30 ft . W. of cabin, in root on E. side of $6-\mathrm{in}$. poplar tree; copper nail and washer

4, 577. 97
T. 9 S., R. 1 W., in SW $1 / 4$ sec. 2, Bureau of Reclamation triangulation sta. 65; top of concrete monument

4, 509. 013

From Fort Douglas quadrangle near Draper southeast along Union Pacific
Railroad to Jordan Narrows (by A. K. Andrews in 1925)
Jordan Narrows, 3.6 mi . NE. of, 13 ft . E. of center line of R. R., on E. concrete head wall of culvert 779.51; chiseled square

4, 640.86
Jordan Narrows, 40 ft . W. of center line of track, 190 ft . S. of N. switch stand of siding at Mount, 17 ft . W. of derailing switch stand, 25 ft . E. of center line of highway, 2 ft . E. of fence; .standard iron post with bronze cap stamped " 14 A 1925 "

4, 773. 566
T. 4 S., R. 1 W ., near S. side $\mathrm{SE} 1 / 4 \mathrm{sec} .23,0.7 \mathrm{mi}$. S. of siding at Mount, 200 ft . W. of milepost 775, on E. side of highway, on E. head wall of culvert over irrigation canal; chiseled square

[^60]> From sec. 33, T. 4 S., R. 1 E., along highways east and north to Alpine, thence south to sec. 2, T. 5 S., R. 1 E. (by A. K. Andrews in 1925)

Lehi, 3.0 mi . N. of, 60 ft . N. of crossroads, 5 ft . from S . end of E . concrete head wall of culvert over Murdock Canal; chiseled square-
T. 4 S., R. 1 E., N. of center of sec. 34, about 50 ft . SE. of junction of dim rd. NW., 4 ft . SW. of power pole, in corner of fence, 4 ft . from each fence; standard iron post with bronze cap stamped "A 1 1925"

4, 829. 103
T. 4 S., R. 1 E., N. of center of sec. 26, about 40 ft . SW. of junction of T-rd. S., 4 ft . SW. of corner fence post, 3 ft . from each fence; standard iron post with bronze cap stamped "A 2 1925"

4, 908. 725
Alpine, 40 ft . SW. of intersection of Main Street and Lehi rd., 1 block W. of public school, in yard 4 ft . NW. of corner post; Feet standard iron post with bronze cap stamped "A 3 1925"-.---.-- 4, 957. 465
T. 4 S., R. 1 E., on S. side of $\mathrm{SW} / 4 \mathrm{sec} .36,35 \mathrm{ft}$. NW. of crossroads, on American Fork-Alpine rd., on top of E. end of N. concrete head wall of culvert; chiseled square

# RANDOLPH QUADRANGLE ${ }^{76}$ 

[Latitude $41^{\circ} 30^{\prime}-42^{\circ} 00^{\prime}$; longitude $111^{\circ} 00^{\prime}-111^{\circ} 30^{\prime}$ ]

## CACHE AND RICH COUNTIES

> From Montpelier quadrangle at point on east side of Bear Lake near Utah-Idaho State line south alongroad through Laketown, thence southeast to Randolph and south into Saleratus Pass quadrangle near Woodruff (by L. F. Biggs in 1909)
North Eden, on W. side of rd., opposite dwelling, in base of $24-\mathrm{in}$. poplar tree; spike with aluminum tag stamped " 5971 "
5, 973.57
North Eden, 0.7 mi . S. of, $1,000 \mathrm{ft}$. S. of sheep sheds, on W. side of rd., at corner of fence; standard iron post with bronze cap stamped " 5958 B 1909 B 1 "
5, 960.715
North Eden, 1.7 mi . S. of, 200 ft . E. of lake, on E. side of rd., at point
of small hill, on boulder; chiseled mark---------------------- $5,972.69$

South Eden, 1.6 mi . N. of, on E. side of rd., on boulder; chiseled mark_- 5, 939. 46

South Eden, 700 ft . N. of dwelling, at NE. corner of corral, on W. side of rd.; standard iron post with bronze cap stamped " 5983 B 1909 C 1 "
5, 985. 362
South Eden, 1.0 mi . S. of, 100 ft . S. of point where irrigation ditch passes under fence, opposite corner of alfalfa field, on W. side of rd., on boulder; chiseled mark
5, 951.36
South Eden, 2.1 mi. S. of, 100 ft . S. of old rd. W. to lake, at N. end of steep grade, on E. side of rd., on boulder; ohiseled mark
5, 942.33

Laketown, 4.0 mi . N. of;; 25 ft . E. of lake, opposite mouth of canyon, in N. end of grove of poplar trees, on E. side of rd.; standard iron post with bronze cap stamped "5929 B 1909 D 1"
5, 931. 144
Laketown, 1.7 mi . N. of, near Falula Spring, opposite log barn, in
base of $30-\mathrm{in}$. poplar tree, fifth from N. end of row of poplar trees;
spike with aluminum tag stamped " 5946 "----------------5, 948.68
Laketown, in NE. corner of wall of Irwin's brick store, 4 ft . above ground; aluminum tablet stamped "5988 B 1909 E 1" (recovered by U. S. C. \& G. S. in 1934)
5, 990.746
Laketown, 1.3 mi . S. of, on E. side of rd., opposite rocky point, on boulder; chiseled mark
6, 111. 33
Laketown, 1.6 mi . S. of, on E. end of reservoir dam, on boulder; chiseled mark
6, 179. 93
Laketown, 2.7 mi . S. of, $1,000 \mathrm{ft}$. E. of creek, on S. side of rd. at sharp curve E., on boulder; chiseled mark
6, 341.98
Laketown, 3.5 mi . SE. of, on S . side of rd. at junction of two canyons, on boulder; chiseled mark
6, 590. 43

[^61]Laketown, 4.3 mi . SE. of, 2.1 mi . NW. of summit of ridge between Laketown and Randolph, 500 ft . E. of rocky point, on boulder; chiseled mark
Feet 6, 906. 57
Laketown, 6.4 mi . SE. of; on summit of ridge between Laketown and Randolph, 150 ft . N. of rd. fork, on E. side of rd.; standard iron post with bronze cap stamped "7129. B 1909 F 1"
7, 131. 453
Laketown, 7.6 mi . SE. of, at head of small creek, on E. side of rd., on boulder; chiseled mark
$6,860.28$
Laketown, 8.6 mi . SE: of, 6.3 mi . NW. of Randolph, opposite three small bald hills, on W. side of rd., on boulder; chiseled mark....-.
Randolph, 6.5 mi . NW. of school, 600 ft . S. of Middle Fork of Otter Creek, 50 ft . W. of spring, on W. side of rd.; standard iron post with bronze cap stamped " 6504 B 1909 'G'1"
6, 506. 658
Randolph, 4.8 mi . NW. of, on S. bank of South Fork of Otter Creek, 10 ft . W. of rd., on boulder; chiseled mark
6, 489. 87
Randolph, 3.5 mi . NW. of, 0.2 mi . N. of junction of rd. to brick oven, on $W$. side of rd., on boulder; chiseled mark
6, 454. 63
Randolph, 3.0 mi . NW. of, at junction of rd. W., in NE. corner of field; standard iron post with bronze cap stamped " 6407 B 1909 H 1"
6, 410. 327
Randolph, 2.3 mi . NW. of, in SW. corner of field, on boulder; chiseled mark
6, 386. 05
Randolph, in NE. corner of wall of brick schoolhouse, 3 ft . above ground; aluminum tablet stamped "6286 B 1909 1"
6, 288. 921
Randolph, 3.3 mi . S. of, on N. bank of irrigation ditch, in SW. corner of field belonging to Mrs. Mack Kennedy, on E. side of rd.; standard iron post with bronze cap stamped "6265 B 1909 2" (recovered by U. S. C. \& G. S. in 1934)
6, 268.055
Randolph, 6.3 mi . S. of, 4.3 mi . N. of Woodruff, on small hill, $1,500 \mathrm{ft}$. NW. of $\log$ cabin, opposite braced telephone pole; standard iron post with bronze cap stamped "6302 B 1909 3" (recovered by U. S. C. \& G. S. in 1934)
6, 305. 893
Woodruff, in NE. corner of wall of brick schoolhouse, 4 ft . above ground; aluminum tablet stamped "6342 B 1909 4". (recovered by U. S. C. \& G. S. in 1934)
$6,344.659$
Woodruff, 0.8 mi . S. and 0.6 mi . E. from, at junction of T-rd. W., 800 ft . W. of dwelling with row of poplar trees, at corner of fence, on boulder; chiseled mark
6, 320.36

## From Randolph northeast along road in Bear River Valley to Utah-Wyoming

 State line at sec. 16, T. 13 N., R. 8 E. (by L. F. Biggs in 1909)Randolph, 3.1 mi . NE. of, 500 ft . S. of ranch house of D. J. Jackson; 150 ft . N: of junction of lane, on E. side of rd.; standard iron post with bronze cap stamped " 6255 B 1909 11"

6, 258. 216
Randolph, 6.1 mi . NE. of, 300 ft . N. of gate to ranch house of Ed. Porter, on E. side of rd., in fence line; standard iron post with bronze cap stamped " 6287 B 1909 12" (recovered by U. S. C. \& G. S. in 1934)

6, 289.968
Randolph, 8.1 mi . NE, of, at junction of Sage rd., 250 ft . W. of Sage Creek School, on W. side of rd.; standard iron post with bronze cap stamped " 6256 B 1909 13" (recovered by U. S. C. \& G. S. in 1934)

6, 258. 705
Sage Creek School, 3.2 mi . NE. of, near junction of rd. W. along Duck Creek, on E. side of rd., at NE. corner of field fence; standard iron post with bronze cap stamped " 6237 B 1909 14"

6, 239. 333
Sage Creek School, 4.3 mI . NE. of, $1: 0 \mathrm{mi}$. S. of Sixmile Creek; 15 ft. . Feet .E. of rd., on boulder; chiseled mark.6, 236. 34
Sage Creek School, 6.3 mi . NE. of, 0.5 mi . NE. of Sixmile Creek, at point of hill, on E. side of rd., in fence line; standard iron post with bronze cap stamped " 6214 B 1909 15" ..... 6, 217. 035
From Logan quadrangle at point in sec. 16, T. 11 N., R. 4 E., northeast along road to Laketown (by Howard Clark in 1913)
T. 11 N., R. 4 E., near center of sec. 14, at Hills ranch, on E. side ofrd., 200 ft . N. of spring; standard iron post with bronze cap stamped"6979"6, 979. 468
T. 11 N., R. 4 E., near $N 1 / 4$ cor. sec. 1, on N. side of rd., just SW. of large limestone rock projecting 10 ft . from N . wall of canyon; chiseled mark ..... 6, 920.19
T. 12 N., R. 5 E., near NW. cor. sec. 29, at head of Cottonwood Can- yon, in small flat 50 ft . below wall of old dam; standard iron post with bronze cap stamped" " 6786 " ..... 6, 785.929
T. 12 N., R. 5 E., near SE. cor. sec. 16, in Cottonwood Canyon, on W. side of rd., about 400 ft . SW. of small cabin, on boulder; chiseled mark ..... 6, 366.64
T. 12 N., R. 5 E., near $\mathrm{S} 1 / 4$ cor. sec. 10 , at rd. fork, in front of dwelling of Morris Murphy; standard iron post with bronze cap stamped " 6027 " ..... 6, 026.941
T. 13 N., R. 5 E., near.E 14 cor. sec. $35,1.5 \mathrm{mi}$. W. of Laketown, 200 ft . W. of small frame building, on S . side and 4 ft . above level of rd., on corner of rock ledge; chiseled mark ..... 5, 956. 26
RED CREEK QUADRANGLE
[Latitude $40^{\circ} 00^{\prime}-40^{\circ} 30^{\prime}$; longitude $110^{\circ} 30^{\prime}-111^{\circ} 00^{\prime}$ ]
dUCHESNE AND WASATCH COUNTIES
From Hayden Peak quadrangle near Duchesne-Wasatch county line southeastalong road and trail to upper crossing of Duchesne River near Tabiona,thence along road southwest to Red Creek, thence west into StrawberryValley quadrangle near Deep Creek (by E. W. Glafcke in 1900)
Wolf Creek, 0.5 mi . W. of, NE. of junction of west fork, 75 ft . N. of rd., in large granite boulder; standard tablet stamped "7305 S LAK"--Duchesne River, 0.2 mi . E. of, 100 ft . E. of bench, 200 ft . SW. oftrail, in large granite boulder; standard tablet stamped "6988 SLAK"6, 978.909
Indian Farms, 4.0 mi . NW. of, 0.2 mi . E. of Duchesne River, 300 ft .E. of trail, at point of red cliffs, in large sandstone ledge; standardtablet stamped " 6857 S LAK"6, 858. 747Indian Farms, 0.2 mi . S. of, 20 ft . E. of trail, 500 ft . E. of DuchesneRiver; standard iron post with bronze cap stamped " 6624 SLAK"6, 625. 238Duchesne River, 0.2 mi . E. of upper crossing of rd. to Heber, 0.2 mi .E. of rd. fork, 150 ft . W. of base of sandstone ridge in sagebrushflat, on W. end of large sandstone ledge; point on ledge ${ }^{77}$6, 429. 021
Duchesne River, 3.0 mi . S. of, on divide between river and Red Creek,on S . side of Dry Canyon, 50 ft . N. of rd., in sandstone ledge;standard tablet stamped " 6851 . S LAK"6, 853. 287
Duchesne River, 7.5 mi . S. of, 30 ft . N. of Heber rd., on small divide,in sandstone ledge; standard tablet stamped "6717 S LAK"6, 719. 304

[^62]

From point on U. S. Highway 40 about 3 miles east of Fruitland north 2 miles along Red Creek (by V. S. Seward in 1936; leveled twice)
U. S. C. \& G. S. standard disk stamped "N 53 1934",

6, 368. 380
Fruitland, 3.0 mi . E. along U. S. Highway 40 , thence 1.2 mi . along Red Creek N. from, 30 ft . N. of telephone line running E.-W., at W. edge of bluff, 100 ft . E. of creek, on 6 - by 5 - by 4 - ft . sandstone boulder; chiseled square

[^63]Fruitland, 3.0 mi . E. along U. S. Highway 40, thence 2.0 mi . along Red Creek N. from, 900 ft . E. of Red Creek, 15 ft . S. of abandoned rd., 80 ft . W. of defaced tablet stamped " 6553 S LAK," 802 ft . W. of rock cairn on N . side of rd., in 10 - by 10 - by 7 -ft. boulder; standard tablet stamped "VŚ 351936 6548"

Feet

## RICHFLELD NO. 1 QUADRANGLE


MILLARD AND SEVIER COUNTIES
From Richfleld No. 4 quadrangle northeast along ס. S. Highway 89 into Mount Terrill quadrangle (by E. E. Harris in 1931)
Richfield, 0.9 mi . SW. of, on E. side of highway at rd. sign reading "Entering Richfield," on NE. concrete wing wall of culvert; chiseled square.
$5,296.50$
Richfield post office, 23 ft . NE. of E. entrance, 9 ft . E. of E. wall, 3 ft . above sidewalk on main street, 1 ft . E. of northernmost lamp post, in stone balustrade; standard tablet stamped "1931 H $94 \quad 5340$ " (recovered by U. S. C. \& G. S. in 1934)

5, 339. 773
Richfield, 50 ft . W. of W. entrance to Sevier County courthouse, 12 ft . E. of sidewalk on main street, 8 ft . N. of sidewalk to building, 2 ft . E. of iron fence, in concrete post; standard tablet stamped " 1931 H 955345 " (recovered by U. S. C. \& G.: S. in 1934) ---..................
Richfield, 0.9 mi . E. of courthouse, at rd. fork, at curve to NE. in highway, in center of top of concrete head wall of culvert; chiseled square

5, 297. 13
Richfield, 0.9 mi . E., thence 0.9 mi . NE. from, on SE. side of highway, opposite ranch house, in center of top of concrete head wall of culvert; chiseled square
Richfield, 0.9 mi . E., thence 1.9 mi . NE. from, in SE. angle of crossroads, in center of top of concrete head wall of culvert; standard tablet stamped " $1931 \mathrm{H} 96 \quad 5287$ ",

5, 345. 130

Richfield, 0.9 mi . E., thence 2.8 mi . NE. from, on SE. side of highway, 150 ft . NE. of gate in E. fence, in center of top of concrete head wall of culvert; chiseled square 5, 271. 29
 in center of top of concrete head wall of culvert; chiseled square -. $5,256.56$
Richfield, 0.9 mi . E., thence 4.6 mi . NE. from, just N. of Cowley siding on Marysvale branch of Denver \& Rio Grande Western R. R., 2.5 mi. SW. of R. R. sta. at Sigurd, in NE. angle of crossroads, in center of top of concrete head wall of culvert; standard tablet stamped "1931 H 97 5248" (recovered by U. S. C. \& G. S. in 1934) _-......
Reference mark, 700 ft . NE. of tablet, in center of top of E. concrete head wall of culvert; chiseled square

5, 249.63

## RICHFIELD NO. 2 QUADRANGLE

[Latitude $38^{\circ} 45^{\prime}-39900^{\prime}$; longitude $112^{\circ} 15^{\prime}-112^{\circ} 30^{\prime}$ ]
MILLARD COUNTY

## From Granite Peak quadrangle northeast along J. S. Highway 91 into Scipio quadrangle (by E. E. Harris in 1931)

Kanosh, 3.1 mi . SW. of, 25 ft . N. of center line of old highway at summit of grade, 3 ft . S. of fence, in concrete post; standard tablet stamped "1931 H 132 5032" (recovered by U. S. C. \& G. S. in 1934)

5, 032.208

* Reference was made to this tablet in a previous entry.


Kanosh, N. of Latter Day Saints Church, 71 ft . N. of center of crossroads, in SW. corner of yard of stone dwelling of G. A. George, 4 ft . N . and 4 ft . E. from corner of fence, 72 ft . E. of center line of highway, in concrete post; standard tablet stamped " 1931 H $133 \quad 5016$ " (recovered by U. S. C. \& G. S. in 1934)

5, 015. 403
Reference mark 1, 125 ft . S. of tablet, on concrete head wall of culvert; chiseled square

5, 014.99
Reference mark 2, 798 ft . N. of tablet, on concrete head wall of culvert; chiseled square
$5,003.79$
Kanosh, 1.0 mi . N. of, on E. side of highway, in center of top of E . concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

4, 947. 483
Kanosh, 2.0 mi . N. of, on E. side of highway, in center of top of E . concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

4, 889. 035
Kanosh, 2.8 mi . N. of, 3.2 mi . S. of Meadow, 36 ft . W. of center line of highway, 133 ft . N. of junction of T-rd. W., 10 ft . N. and 1 ft . W. from fence, in concrete post; standard tablet stamped " 1931 H 134 4856" (recovered by U. S. C. \& G. S. in 1934)

4, 855. 404
Reference mark, 109 ft . SE. of tablet, in center of top of E. concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

4, 856. 637
Meadow, 2.7 mi . S. of post office, on E . side of highway, at corner of fence, in center of top of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)
$4,835.683$
Meadow, 1.8 mi . S. of, on. E. side of highway, at corner of fence, in center of top of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

4, 821.230
Meadow, 0.6 mi . S. of, 63 ft . E. of center line of highway, 3 ft . W. of fence, $100 \mathrm{ft}$. N. of junction of T-rd. E., in concrete post; standard tablet stamped "1931 H 135 4822" (recovered by U. S. C. \& G. S. in 1934)

4, 822. 034
Meadow, 335 ft . N. of post office, in SE. angle of crossroads, in center of top of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)
$4,837.543$
Meadow, 0.7 mi . N. of, on SE. side of highway at curve to NE., in center of top of concrete head wall of large culvert; chiseled square ..
Meadow, 1.3 mi . NE. of, 31 ft . NW. of center line of highway, 102 ft . E. of right angle in fence, 8 ft . SW. of telephone pole, in concrete post; standard tablet stamped "1931 H 136 4859" (recovered by U. S. C. \& G. S. in 1934)

4, 859. 203
Meadow, 2.4 mi . NE. of, on SE. side of highway, in center of top of concrete head wall of culvert; chiseled square (recovered by U.S. C. \& G. S. in 1934)

4, 917. 184
Meadow, 3.6 mi . NE. of, 4.2 mi . SW. of Fillmore, on SE. side of highway; in center of top of $E$, concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

4, 932. 680
Fillmore, 3.2 mi . SW. of Millard County courthouse, 32 ft . NW. of center line of highway, 20 ft . N. of junction of T-rd. W. along canal, 6 ft . NE. of telephone pole, in concrete post; standard tablet stamped "1931 H. 137 4970" (recovered by U. S. C. \& G. S. in 1934) _... 4, 970. 193
Reference mark, $1,652 \mathrm{ft}$. SW. of tablet, in center of top of E. concrete head wall of culvert; chiseled square ..... 4, 954. 78
Fillmore, 2.1 mi . SW. of, on SE. side of highway, 400 ft . S . of angle pole in power line, in center of top of E . concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) ...-
Fillmore, 0.8 mi . SW . of, on S . side of highway at rd. sign reading
"Entering Fillmore," in center of top of concrete head wall of
culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) _. . 5, 138. 034
Fillmore, 0.8 mi . SW. of, on S. side of highway at rd. sign reading
"Entering Fillmore," in center of top of concrete head wall of
culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) _... 5, 138. 034
Fillmore, 0.8 mi . SW. of, on S. side of highway at rd. sign reading
"Entering Fillmore," in center of top of concrete head wall of
culvert; chiseled square (recovered by U.S. C. \& G. S. in 1934) _._ 5, 138. 034
Fillmore, at courthouse, 39 ft . E . of E . front steps, 6 in . S. of S. edge of sidewalk, 3 ft . W. of iron fence, in concrete post; standard tablet stamped "1931 H 138 5136" (recovered by U. S. C. \& G. S. in 1934)
$5,032.710$
5, 135. 295
Reference mark, 125 ft . S. of tablet, on W. edge of sidewalk; chiseled
square
Fillmore, 0.5 mi . N. of, 35 ft . W. of center line of highway, in elbow of N . head wall of concrete flume; standard tablet stamped " 1931 H $1395084 "$ (recovered by U. S. C. \& G. S. in 1934)
5, 084. 237
Reference mark, 190 ft . N. of tablet, on large red sandstone boulder;
chiseled square.
Fillmore, 1.8 mi . NE. of, 460 ft . N. of power line crossing highway, in center of top of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)
$5,080.308$

## RICHFIELD NO. 4 QUADRANGLE

## [Latitude $38^{\circ} 30^{\prime}-38^{\circ} 45^{\prime}$; longitude $112^{\circ} 00^{\prime}-112^{\circ} 15^{\prime}$ ]

MILLARD, PIUTE, AND SEVIER COUNTLES
From Sevier quadrangle northeast along J. S. Highway 80 into Richfield No. 1 quadrangle (by E. E. Harris in 1931)
Cove, on E. side of highway, $400^{\circ} \mathrm{ft}$. NE.' of schoolhouse, in center of top of concrete head wall of culvert; chiseled square..
5, 548. 46
Cove, 0.7 mi . NE. of, on SE. side of highway, in center of top of concrete head wall of large culvert over irrigation canal; chiseled square.
$5,254.04$
Cove, 1.3 mi . NE. of, 1.4 mi . SW. of Joseph, on E. side of highway at summit of grade, near $N$. end of concrete head wall of culvert; chiseled square
$5,531.57$
Joseph, 0.6 mi . SW. of, at junction of old rd., 25 ft . E. of center line of highway, 21 ft . W. of center line of dirt rd., 520 ft . S. of concrete bridge over irrigation canal, in concrete post; standard tablet stamped "1931 H 88 5461".
$5,461.211$
Reference mark, 650 ft . S . of tablet, in center of top of E . concrete
head wall of highway culvert; chiseled square.---.-.-.-. $5,471.58$
Joseph, in NE. angle of junction of rd. E. to Monroe, in center of top of concrete head wall of culvert; chiseled square
5, 436. 94
Joseph, 0.4 mi . NE: of Meeting House, on E. side of curve to NE. in highway, in center of top of concrete head wall of large culvert over canal;-chiseled square
$5,438.36$
Joseph, 1.3 mi . NE. of, 36 ft . E. of center line of highway, 150 ft . NW. of ranch house, 17 ft . W. of fence, in center of top of concrete head wall of culvert; standard tablet stamped "1931 H 89 5429".....
Joseph, 1.9 mi . NE. of, on SE. side of highway, 50 ft . N. of gate in E. fence, 200 ft . SW. of apple orchard, in center of top of concrete head wall of culvert; chiseled square
Joseph, 2.6 mi . NE. of, 3.3 mi . SW. of Elsinore, on NW. side of highway, 800 ft . SW. of summit of grade, in center of top of concrete head wall of culvert; chiseled square
5, 409. 55
Elsinore, 2.3 mi . SW. of, 61 ft . W. of center line of highway at summit of grade, $64 \mathrm{ft} . \mathrm{SW}$. of levee, in concrete post; standard tablet stamped " 1931 H 90 5436"
$5,435: 953$

Elsinore, 1.6 mi . SW. of, on N. side of highway, at junction of old rd., in center of top of concrete head wall of culvert; chiseled square
5, 349.39
Elsinore, 0.9 mi . SW. of, on SE. side of highway near summit of grade, in center of top of concrete head wall of culvert; chiseled square
$5,408.45$
Elsinore, 33 ft . NW. of NW. corner of Meeting House at crossroads, 56 ft . S. of center line of highway, 52 ft . E. of center of crossroads, 7 ft . S. and 3 ft . E. from corner fence post, in concrete post; standard tablet stamped " 1931 H 91 5343"
5, 342. 267
Reference mark, 110 ft . NW. of tablet, in center of top of concrete head wall of culvert; chiseled square
5, 342. 17
Elsinore, 0.9 mi . E. of, 200 ft . W. of R. R. crossing, on S. side of highway, in center of top of concrete head wall of culvert; chiseled square
5, 338.97
Elsinore, 1.5 mi . E. of, 1.9 mi . SW. of Central, on N. side of curve to N. in highway, at junction of dirt rd. S. to Monroe, in center of top of concrete head wall of culvert; chiseled square
5, 324. 66
Central, 1.0 mi . SW. of, on E. side of highway, at junction of farm rd. NW., opposite gate in E. fence, in center of top of concrete head wall of culvert; chiseled square
5, 317. 39
Central, $0.6 \mathrm{mi} . \mathrm{SW}$. of, 39 ft . E.• of center line of highway, 72 ft . $N$. of gate, 1 ft . E. of fence, 20 ft . S. of edge of ditch, in concrete post; standard tablet stamped " 1931 H 92 5312"
$5,311.749$
Central, 300 ft . SE: of Meeting House, on E. side of curve in highway, just S. of rd. fork, in center of top of concrete head wall of culvert; chiseled square
5, 297. 13
Central, 0.7 mi . N. of, on E . side of highway, at rd. sign reading "Entering Central," in center of top of concrete head wall of culvert; chiseled square
5, 298. 13
Central, 1.4 mi . N. of, on W. side of highway, 200 ft . S. of R. R. crossing, 130 ft . N. of junction of T-rd. E., in center of top of concrete head wall of culvert; chiseled square
5, 293. 47
Central, 2.2 mi . N. of, 2.7 mi . SW. of Richfield, 39 ft . W. of center line of highway, near S.' side of airport, $19 \mathrm{ft} . \mathrm{N}$. and $1 \mathrm{ft} .{ }^{\prime} \mathrm{W}$. from fence, in concrete post; standard tablet stamped " 1931 H 93 5280"
$5,280.012$
Richfield, 1.7 mi . SW. of, on SE. side of curve in highway at rd. junction, in center at base of parapet wall of concrete bridge over wash; chiseled square

[^64]
# SALERATUS PASS QUADRANGLE ${ }^{\text {® }}$ 

[Latitude $41^{\circ} 00^{\prime}-41^{\circ} 30^{\prime}$; longitude $111^{\circ} 00^{\prime}-111^{\circ} 30^{\prime}$ ]

## CACHE, MORGAN, RICH, SUMMIT, AND WEBER COONTIES

> From point on Utah-Wyoming State line about 14 miles southwest of Evanston, Wyo.; northwest and northeast 4 miles along road by way of Yellow Creek snd back into Wyoming (by E. O. Hills in 1898)

SALTAIR QUADRANGLE
[Latitude $40^{\circ} 30^{\prime}-41^{\circ} 00^{\prime}$; longitude $112^{\circ} 00^{\prime}-112^{\circ} 30^{\prime}$ ]
SALT LAKE, DAVIS, AND TOOELE COUNTIES
From Fort Dougles No. 3 quadrangle at point in sec. 31, T. 3 S., R. 1 W., west and southwest along roads to point 2 miles southwest of Herriman (by Roscoe Reeves in 1915)

Herriman, in NE. corner of Latter Day Saints Church lot; standard iron post with bronze cap stamped " 4931 " 4, 931.236

From Tooele northwest along roads to Grantsville, thence northeast along Lincoln Highway to point 1 mile north of Morris (by Roscoe Reeves in 1015)
U. S. C. \& G. S. standard disk designated "P 2"

4, 829. 551
Tooele, 5.0 mi . NW. of, 4.0 mi . SE. of Grantsville, opposite milestone reading "Tooele 5 mi .," on N. side of rd., 100 ft . E. of telephone pole; standard iron post with bronze cap stamped " 4488 "

4, 488. 348
Grantsville, 1.1 mi . SE. of, 550 ft . W. of angle in fence linè, 150 ft . W. of concrete culvert, on N. side of rd.; standard iron post with bronze cap stamped " 4320 "

[^65]Grantsville, one block E. of Stockton rd., on S. side of southernmost ..... Feet
street of town, in poplar tree; spike ..... $4,302.42$
Grantsville, one block S. of Lincoln Highway, on Stockton rd., inNE. angle of crossroads, on concrete culvert over E.-W. irrigationditch; chiseled square4, 310. 71
Grantsville, 0.8 mi . E. of post office at, 80 ft . W. of junction of rd. S. to Stockton, on S. side of Lincoln Highway, 1 ft . N. of fence line; standard iron post with bronze cap stamped "4292" (recovered in 1922) ..... 4, 291.617
Grantsville, 4.5 mi . NE. of, $1,300 \mathrm{ft}$. E. of crossing of Western Pacific R. R., 50 ft . W. of junction of second-class rd. S., on S. side of high- way; opposite barn and corral; standard iron post with bronze cap stamped "4287" (recovered in 1922) ..... 4, 287. 079
Grantsville, 7.2 mi . NE. of, at angle in highway, opposite telephone pole 1216; standard iron post with bronze cap stamped " 4263 " (recovered in 1922) ..... 4, 263. 241
Grantsville, 9.2 mi . NE. of, 3.2 mi . SW. of Lake Point post office, on N. side of highway, 40 ft . E. of telephone pole 1149; standard iron post with bronze cap stamped " 4263 " (recovered in 1922) ..... 4, 262. 901
Lake Point post office (discontinued), on W. side of yard gate, on top of milestone reading "Salt Lake 25 mi ."; chiseled .square ..... 4, 267. 82
U. S. C. \& G. S. copper bolt designated "K. 2", ..... 4, 345. 093
From point 3.5 miles west of Buena Vista south along roads to Herriman (by Roscoe Reeves in 1915)
U. S. C. \& G. S. iron post with standard cap designated "A 2 " $82 \ldots$, 4, 229. 040
Whittier School, 0.5 mi . E. of, near SW. cor. sec. 25, T. 1 S., R. 2 W.,in NE. angle of crossroads; standard iron post with bronze capstamped " 4291 "4, 290. 687
Whittier School, 0.5 mi . E., thence 3.4 mi . S. from, 1.7 mi . W. and 4.1 mi. N. from Welby, near E. side NE1/4 sec. 14, T. 2 S., R. 2 W., at top of long grade into Salt Lake Valley, on W. side of rd.; stand- ard iron post with bronze cap stamped " 4820 " ..... 4, 820. 521
Welby, 1.7 mi W. and 1.8 mi . N. from, near E. side $\mathrm{SE} 1 / 4 \mathrm{sec} .26, \mathrm{~T}$.$2 \mathrm{~S} .$, R. $2 \mathrm{~W} ., 0.4 \mathrm{mi}$. N. of crossroads, at junction of T-rd. E., onW. side of rd.; near corner fence post; standard iron post withbronze cap stamped " 4812 "4, 812. 660
Welby, about 3 mi . SW. of, 3.5 mi . NE. of Herriman, 7 poles E. of switch of Denver \& Rio Grande Western R. R., on N. right-of- way line, 60 ft . E. of telephone pole 293; standard iron post with bronze cap stamped " 4905 " ..... 4, 904. 857
From Lake Point to Great Salt Lake (by Roscoe Reeves in'1915; double-run spur line)
U̇. S. C. \& G. S. B. M. designated "I 2" ..... 4, 240.349
Lake Point, N. of Union Pacific R. R. sta., 50 ft . S. of shore of GreatSalt Lake, in 4 - by 2 ft . sloping rock in place and extending 10 in .above ground at SW. edge; standard tablet stamped " 4209 ".--'-- 4, 209.417
Great Salt Lake; surface of water Sept. 10, 1915 ..... 4, 201.6

[^66]
# From Garfield northeast along Union Pacific Railroad into Fort Douglas No. 2 quadrangle at point 1.6 miles souţhwest of Buena Vista. (by E. E. Harris in 1922) 

Feet
U. S. C. \& G. S. standard disk designated "E 2"---------------4, 4, 239. 919

Garfield, opposite W. end of Union Pacific R. R. sta.; top of rail.... 4, 224. 8
Garfield, 0.7 mi . NE. of sta., near W. side $\mathrm{SW} / 4 \mathrm{sec} .11, \mathrm{~T} .1$ S., R. 3 W., 10 ft . S. of track, on NW. corner of concrete foundation of semaphore 76-88; chiseled square

4, 222. 32
Garfield, 1.7 mi NE. of sta., in NE1/4 sec. 11, T. 1 S., R. 3 W., 900 ft. W. of big curve, 10 ft . N . of track, at milepost 770, on SE. corner of concrete foundation of semaphore 76-99; chiseled square $-\ldots-{ }^{-1}$
Garfield, 2.5 mi . NE. of sta., 2.8 mi . W. of Riter, near N $1 / 4$ cor. sec, 12, T. 1 S., R. 3 W., 880 ft . E. of semaphore $77-06,10 \mathrm{ft}$. S. of track, in center of top of concrete wall of large culvert; standard tablet stamped " 1922 H 24 "

4, 214. 098
Reference mark, 19 ft . N. of tablet, in center of top of concrete wall of large culvert; chiseled square

4, 213. 87
Riter, 1.8 mi . W. of, 550 ft . S. of $\mathrm{N} 1 / 4$ cor. sec. 7, T. 1 S., R. 2 W ., $1,500 \mathrm{ft}$. W. of milepost $772,10 \mathrm{ft}$. N. of track, on SW . corner of concrete foundation of semaphore 77-17; chiseled square
$4,216.43$
Riter, 1.2 mi . W. of, in NW $1 / 4$ sec. 8 , T. 1 S., R. $2 \mathrm{~W} ., 1,540 \mathrm{ft}$. E. of milepost 772, 10 ft . S. of track, on NW. corner of concrete foundation of semaphore; chiseled square

4, 216. 66
Riter, in front of sta. sign; top of rail of main-line track
4, 219. 9
Riter, about 500 ft . SW. of sta., in NW $1 / 4 \mathrm{sec} .9$, T. 1 S., R. 2 W., 150 ft . S. of R. R. right-of-way, 130 ft . SW. of section house, on edge of high ground; standard iron post with bronze cap stamped "1922 H 25 "

4, 218. 306
Reference mark, $242 \mathrm{ft} . \mathrm{N} .45^{\circ} \mathrm{W}$. of post, 10 ft . N. of track, on SW. corner of concrete foundation of semaphore 77-33; chiseled square_ 4, 219.57
Riter, 0.5 mi . E. of, in NE $1 / 4 \mathrm{sec} .9$, T. 1 S., R. $2 \mathrm{~W} ., 10 \mathrm{ft}$. S. of track, on NW. corner of concrete foundation of semaphore 77-40; chiseled square

4, 220. 81
Riter, 1.6 mi . E. of, near W. side NW $1 / 4 \mathrm{sec} .11$, T. 1 S., R. $2 \mathrm{~W} ., 850 \mathrm{ft}$. E. of milepost 775, 10 ft . N. of track, on SW . corner of concrete foundation of semaphore 77-49; chiseled square
$4,225.75$
Riter, 2.2 mi . E. of, in $\mathrm{NE} 1 / 4 \mathrm{sec}$. 11, T. 1 S., R. 2 W ., near point where Western Pacific R. R. swings to NE., $1,370 \mathrm{ft}$. W. of milepost 776, 10 ft . S. of track, on NW. corner of concrete foundation of semaphore 77-56; chiseled square

4, 233. 01
Riter, 3.2 mi . E. of, 2.4 mi . SW. of Buena Vista, in NE $1 / 4$ sec. 12, T. 1 S., R. 2 W., at W. end of tangent, 10 ft . N. of track, in center of top of concrete wall of large culvert; standard tablet stamped "1922 H 26 ".

4, 239. 612
Reference mark, 29 ft . S. of tablet, in W. end of concrete culvert; chiseled square

4, 238. 63

[^67]Arthur, near E. limits of, 0.5 mi . N., thence 1.6 mi . W. from Magna, near E. side $\mathrm{SE} 1 / 4 \mathrm{sec} .23$, T. 1 S., R. 3 W., 30 ft . SW. of R. R. cross- ing, on S . side of rd., on round boulder; chiseled square
Magna, 0.5 mi . N., thence 0.6 mi . W. from, near E. side sec. 24 , T. 1 S., R. 3 W., on W. side of rd. at summit of steep grade, on large boulder; chiseled square ..... 4, 336. 15
Magna, 0.5 mi . N. of, near center of sec. 19 , T. 1 S., R. $2 \mathrm{~W} ., 150 \mathrm{ft}$.W. of junction of rd. S., at new concrete bridge over areek, in E.face of $N$. parapet wall; standard tablet set vertically and stamped" $1922 \mathrm{H} \cdot 28$ "4,238. 310
Reference mark, 25 ft . S. of tablet, on E. end of S. wall of bridge; chiseled square ..... 4, 239. 96
Magna, near W. limits of, on S. side of E.-W. street just S. of school- house, on curb; chiseled square ..... 4, 277. 79
Magna, near E. limits of, 0.5 mi . NW. of junction of Eightieth WestStreet, Salt Lake City, N. of S $1 / 4$ cor. sec. 20, T. 1 S., R. 2 W., inNW. angle of junction of T-rd. S., in center of S. side of concretebox culvert; chiseled square4, 262.21
Salt Lake City, in NW. angle of junction of rd. from Magna and Eightieth West Street, on rock outcrop; chiseled square ..... 4, 264.13
Salt. Lake City, in NE. angle of intersection of Thirty-fifth South and Eightieth West Streets, in center of top of concrete wall of large culvert; chiseled square ..... 4, 393.13
Salt Lake City, in NW. angle of intersection of Thirty-fifth South andSeventy-second West Streets, in center of top of concrete wall ofculvert; standard tablet stamped "1922 H 29 "4, 328. 558
Reference mark, 38 ft . S. of tablet, in center of top of concrete wall of culvert; chiseled square ..... 4, 329.19
Salt Lake City, in NW. angle of intersection of Thirty-fifth South and Sixty-fourth West Streets, on top of concrete wall of culvert; chiseled square ..... 4, 317. 56Salt Lake City, on N. side of Thirty-fifth South Street at junction ofSixtieth West Street, on top of concrete well of large culvert;chiseled square4, 307. 80
Salt Lake Gity, in NE. angle of intersection of Thirty-fifth South andFifty-sixth West Streets, on E. end of concrete culvert; chiseledsquare4, 291. 14
Salt Lake City, at intersection of Thirty-fifth South and Fifty-secondWest Streets, at quarter corner between secs. 25 and 36, T. 1 S.,R. 2 W ., on brass plate leaded in center of intersection; chiseledsquare4, 284. 92
Salt Lake City, in SW. angle of intersection of Thirty-fifth South andForty-eighth West Streets, in center of large concrete culvert;standard tablet stamped "1922 H 30"4, 276.188
Reference mark, 36 ft . N. $45^{\circ}$ E. of tablet, in center of intersection, atcor. secs. 25, 30, 31, and 36, T. 1 S., Rs. 1 and 2 W ., on brass plate;chiseled square4, 275. 79Salt Lake City, in NE. angle of interscction of Forty-eighth WestStreet and E.-W. rd. 1.0 mi . S. of Thirty-fifth South Street, incenter of top of concrete wall of culvert; chiseled square4, 402. 70

## From Fort Douglas Nọ. 2 quadrangle west along Saltair Speedway to northwest corner of sec. 36, T. 1 N., R. 3 W., thence southwest and southeast to Garfield (by E. E. Harris in 1922)

T. 1 N., R. 2 W., sec. 25, 740 ft . N. of junction of rd. N., 150 ft . E. of $\mathrm{rd} ., 2 \mathrm{ft}$. S . of lone cottonwood tree; standard iron post with bronze cap. stamped " 1922 . H 43 " ..... FeetReference mark, 4 ft . N. of post, in root on N. side of tree; coppernail and washer$4,224.39$
T. 1 N., R. 2 W., near $\mathrm{N} 1 / 4$ cor. sec. 35 , in SE. angle of junction ofsecond-class rd. S., 50 ft . S. of center line of highway, in angle infence line, 10 ft . from each fence; standard iron post with bronzecap stamped " 1922 H 36"4, 219. 976
Reference mark, 120 ft . N. $20^{\circ} \mathrm{W}$. of post, on stone (probably quarter corner stone); chiseled square ..... 4, 219. 42
T. 1 N., R. 2 W., near S. side $S W 1 / 4$ sec. 26 , on N. side of highway, on top of drain pipe; chiseled square ..... 4, 214. 16
T. 1 N., R. 2 W ., near S. side $\mathrm{SE} 1 / 4 \mathrm{sec}$. 28 , on N. side of highway, in NW. corner of box culvert; copper nail and washer- ..... 4, 218. 34
T. 1 N., R. 2, W., near SW. cor. sec. 28, 50 ft. N. and 30 ft . E. fromjunction of rd. N. through gate to Epperson ranch, in angle in.fenceline,, 7 ft . from each fence; standard iron post with bronze capstamped "1922 H 37"$4,218.447$
T. 1 N., R. 2 W.; SW. cor. sec. $29,60 \mathrm{ft}$. N. of center line of highwayat T-angle in fence line, 30 ft . N. of E.-W. fence and on E. side offence N., on stone (probably section corner stone); chiseled square.$4,215.50$
T. 1 N., R. 3 W., near S. side $\mathrm{SE}^{1 / 4} \mathrm{sec} .25$, on N. side of highway, in NW. corner of box culvert; copper nail and washer ..... $4,208.45$
T. 1 N., R. 3 W., near S. side $\mathrm{SW} 1 / 4 \mathrm{sec}$. 25, on N. side of highway, in NE. corner of box culvert; copper nail and washer ..... $4,207.04$
T. 1 N., R. 3 W., near SE. cor. sec. 26, 80 ft . NW. of turn in highwayfrom W. to $\mathrm{S} ., 50 \mathrm{ft}$. N. of canal, in concrete post; standard tabletstamped " 1922 H 38"4, 208. 192
Reference mark, $88 \mathrm{ft} . \mathrm{S} .20^{\circ} \mathrm{E}$. of tablet, in SE. corner of bridge over canal; copper nail and washer ..... 4, 207. 17
T. 1 N., R. 3 W., near E. side NE 14 sec. 35; at NW. corner of bridge over stream, in top of pillar support; copper nail and washer------ ..... 4, 207. 94
T. 1 N., R. 3 W ., near S. side $\mathrm{SW} 1 / 4 \mathrm{sec}$. 35 , on W. side of highway, 30ft . N. of crossing of Salt Lake, Garfield, \& Western Ry. (Electric), ontop of concrete parapet wall of bridge over stream; chiseled square _ 4, 216. 43T. 1 S., R. 3 W., NE $1 / 4 \mathrm{sec} .3,1,100 \mathrm{ft}$. S. of R. R. crossing, W. of saltworks, on W. side of highway, in center of top of concrete parapetwall of bridge over stream; standard tablet stamped "1922 H 39" - 4, 216. 267
Reference mark, 27 ft . N. $70^{\circ} \mathrm{E}$. of tablet, on N. end of E. parapetwall of bridge; chiseled square$4,215.96$
T. 1 S., R. $3 \mathrm{~W} ., \mathrm{SE} / 4 \mathrm{sec} .3$, on E. side of highway at curve, in SE. corner of wooden bridge over canal; copper nail and washer ..... 4, 214. 06
T. 1 S., R. 3 W., sec. $16,0.8 \mathrm{mi}$. W. of Garfield, 30 ft . N. and 40 ft . W.from junction of Saltair and Garfield rds., on large boulder; chiseledsquare4, 239.04

> From northwest corner sec. 36, T. 1 N., R. 2 W.; along roads generally northwest and west to sec. 12; T. 1 N., R. 3 W., thence southeast to sec. 17, T. 1 N., R. 2 W., thence south to Saltair Speedway (by E. E. Harris in 1922)

> T. 1 N., R. 2 W ., about 800 ft . E. of $\mathrm{W} 1 / 4$ cor: sec. 23, in NE. corner of bridge over irrigation canal; copper nail and washer
> 4, 221. 22
T. 1 N., R. 2 W., NW $1 / 4 \mathrm{sec} .23,3.1 \mathrm{mi}$. S. of Utah Gun Club, 4.9 mi : SE. of Young ranch house, 70 ft . NW. of Y-rd. fork, 25 ft . from each rd.; standard iron post with bronze cap stamped "1922 H 44" --. ..... 4, 218: 480
T. 1 N., R. 2 W., NW $1 / 4 / 4$ sec. 16, 2.8 mi . SE. of Young ranch house, 100 ft . NW. of Y -rd. fork, 25 ft . from each rd.; standard iron post with bronze cap stamped "1922 H 45" ..... 4, 212. 890
T. 1 N., R. 3 W., sec. 12, 3 ft. SW. of SW. corner of Young ranch house, in concrete post; s.tandard tablet stamped " 1922 H 46" ..... 4, 210. 467
Reference mark, 28 ft . S. $80^{\circ} \mathrm{E}$. of tablet, at base of SE. corner of house, in end of cross-beam; spike ..... 4, 209. 36
T. 1 N., R. 2 W., near E $1 / 4$ cor. sec. 20, 1.4 mi. N. of Epperson ranch house, 100 ft . N. of rd. fork, 25 ft . from each rd.; standard iron post with bronze cap stamped " 1922 H 47" ..... 4.216. 247
From point in sec. 2s, T. 1 N., R. 2 W., along roads north and northeast to Utah Gun Club (by E. E. Harris in 1922; double-run spur line)
T. 1 N., R. 2 W., E. of center of sec. 11, 0.8 mi. S. of Utah Gun Club, at SE. corner of bridge over slough, in end of cross-beam; copper nail and washer ..... 4, 210. 67
T. 2 N., R. 2 W., sec. 2, on W. side of rd:, 3 ft. E. of SE. corner of Utah Gun Club; standard iron post with bronze cap stamped "1922 H 48" ..... $4,211.548$
Reference mark, $22 \mathrm{ft} . \mathrm{S} .70^{\circ} \mathrm{W}$. of post, in SW . corner of Gun Club; spike ..... 4, 213. 02
From point in sec. 35, T. 1 N., R. 3 W., northwest along highway to Saltair (by E. E. Harris in 1922; double-run spur line)
Saltair, at entrance to, 26 ft . N. of ticket office, 2 ft . S. of R. R. track, 2 ft . NW. of post support to arch gate, on corner of stone block; chiseled square ..... 4, 210. 31
Saltair, at S. end of doorway to brick offce building built on and over concrete cistern, in concrete step; standard tablet stamped "1922 H 49" ..... 4, 211. 722
Reference mark, $73 \mathrm{ft} . \mathrm{S} .70^{\circ} \mathrm{W}$. of tablet, at SE. corner of steps at N.entrance to dance hall, in center of concrete block; chiseled square_4, 211.15
Saltair, at $11.5-\mathrm{ft}$. mark (top) of U. S. Weather Bureau lake gage; copper nail and washer 4, 208.37
Great Salt Lake; zero mark on gage ..... 4, 196. 9
Great Salt Lake; surface of water at 9 a.m. Sept. 7, 1922, at $6.5-\mathrm{ft}$.mark on gage4, 203. 4
From point 4.5 miles northeast of Grantsville northwest along Western PacificRailroad to sec. 8, T. 2 S., R. 5 W., thence west across country into Dunsteinquadrangle (by E. E. Harris in 1922)
T. 2 S., R. 5 W., sec. 21, 2.4 mi. N. of Lincoln Highway, on W. side of track, 12 ft . W. of jog in right-of-way fence; standard iron post with bronze cap stamped "1922 H 50" ..... 4, 223. 511
T. 2 S., R. 5 W., sec. $7,4.5 \mathrm{mi}$. N. of Grantsville, 50 ft . E. of center lineof main rd. $\mathrm{N} ., 20 \mathrm{ft}$. N . of center line of T-rd. E., in angle in fenceline, 10 ft . from each fence; standard iron post with bronze capstamped "1922 H 51"4, 220. 828

## From Dunstein quadrangle at point about 3 miles northwest of Grantsville southeast along Lincoln Highway to point 0.8 mile east of Grantsville (by E. E. Harris in 1022)

Grantsville, 2.8 mi NW. of post office, in sec. 26, T. 2 S., R. 6 W . on W. side of highway, in center of top of concrete wall of culvert; chiseled square

4, 297. 46
Grantsville, 2.2 mi . NW. of, in sec. 26, T. 2 S., R. 6 W., on W. side of highway, in center of top of concrete wall of culvert; chiseled square
$4,305.35$
Grantsville, 1.9 mi . NW. of, in sec. 26, T. 2 S., R. 6 W., on W. side of highway, in center of top of concrete wall of culvert; chiseled square

4, 322.94
Grantsiville, 1.5 mi NW. of, in sec. 36, T. 2 S., R. 6 W., on E. side of highway, $1,600 \mathrm{ft}$. N. of curve, in center of top of concrete wall of culvert; chiseled square

4, 339. 77
Grantsville, 1.2 mi . NW. of, in sec. 36, T. $2 \mathrm{~S}_{4}$ R. 6 W ., in center of grassy triangle formed by rd. forks; standard iron post with bronze cap stamped " 1922 H 54 "

4, 344. 812

Grantsville, 0.5 mi . W. of, in SW. angle of crossroads, on NE. corner of large concrete block forming part of sidewalk over irrigation ditch; chiseled square

4, 334.35
Grantsville, in SE. angle of intersection of Main and High Streets,
opposite post office, in center of top of concrete wall of culvert;
chiseled square---------------------------------------1, 303. 82
From point 0.5 mile west of Grantsville southwest along St. John road to sec. 14, T. 3 S., R. 6 W., thence east across country to sec. 21, T. 3 S., R. 5 W., thence north to point 1.1 miles southeast of Grantsville (by E. E. Harris in 1922; most of this line was leveled twice)

Grantsville, 0.5 mi . W., thence 0.8 mi . SW. from post office, in sec. 1, T. 3 S., R. 6 W., on N. side of rd. 300 ft . W. of sharp turn, on E. end of concrete culvert; chiseled square

4, 425. 06
Grantsville, $0.5 \mathrm{mi} . \mathrm{W}$. , thence 1.7 mi . SW. from, in sec. 1, T. 3 S ., R. 6 W ., 40 ft . W. of center line of rd., on N. bank of drain near cairn, in top of $2-$ by $4-\mathrm{in}$. hub cemented flush with ground; copper nail and washer
$4,544.14$
Grantsville, 0.5 mi . W., thence 3.4 mi . SW. from, 150 ft . S. of junction of cut-off rd. SE., on E. side of rd.; standard iron post with bronze cap stamped " 1922 H 56 "

4, 801. 801

T. 3 S., R. $6 \mathrm{~W} .$, sec. 13 , about 200 ft . N. of point where rd. crosses drain, 40 ft . E. of rd., on top of $6-\mathrm{in}$. pipe extending 2 ft . above ground; chiseled square

4, 705. 00
T. 3 S., R. 5 W., SW $1 / 4 \mathrm{sec}$ 17, about 4 mi . along Stockton rd. S. of Grantsville, 50 ft . W. of center line of rd., in concrete post; standard tablet stamped "1922 H 57 "

4, 543. 532
Reference mark, $66 \mathrm{ft} . \mathrm{N} .20^{\circ} \mathrm{W}$. of tablet, on top of stone (section corner stone or milestone) ; chiseled square

4, 543. 08

From point 7.2 miles northeast of Grantsville northeast along Lincoln Highway to sec. 11, T. 2 S., R. 4 W., thence northeast along Union Paciffc Railroad to sec. 1, T. 2 S., R. 4 W., thence west and southwest across country to sec. 7,T. 2 S., R. 4 W., thence south to initial point (by, E. E. Harris in 1922)
Grantsville, 10.0 mi . NE. of, on N. side of rd. opposite Bonneville Flour \& Grain Mill, 30 ft . E. of wooden bridge, in center of top of concrete wall of culvert; chiseled square ..... Feet
4, 261. 80
Morris, 1.5 mi . S. of, in sec. 11, T. 2 S., R. 4 W., 40 ft . N. and 60 ft . E. from crossing of dirt rd. and Union Pacific R. R., opposite milepost 759, in concrete post; standard tablet stamped "1922 H 59" ..... 4, 445. 100
Reference mark, 61 ft . S. $80^{\circ} \mathrm{W}$. of tablet, on large boulder; chiseled square ..... 4, 446. 41
Morris, 200 ft . S. of sta., 130 ft . N. of grade crossing, 40 ft . N. of scales, 100 ft . E. of main-line track, on S. end of long sandstone boulder; chiseled square ..... 4, 386.48
Morris, in front of sta. sign; top of rail of main-line track ..... 4, 384. 3
Morris, $0,6 \mathrm{mi}$. N. of, in sec. 1, T. 2 S., R. 4 W., 200 ft . N. of grade crossing, 15 ft . E. of track, opposite milepost 761, in center of top of concrete wall of large culvert; chiseled square ..... 4, 359. 17
Lake Point School, 0.2 mi . E. of, in sec. 1, T. 2 S., R. 4 W., in NW. angle of junction of T-rd. W., on large boulder; chiseled square.. ..... 4, 278. 56
Lake Point School, 0.2 mi W. of, in sec. 2, T. 2 S., R. 4 W., at turn to S . in Lincoln Highway, on N. side of E.-W. rd. and in line with rd. S., 1 ft . N. of fence line; standard iron post with bronze cap stamped " 1922 H 60" ..... 4, 241. 441
T. 2 S., R. 4 W., sec. $8,2.1 \mathrm{mi}$. SW. of old salt works, about 1,000 ft . E. of stream crossing, 50 ft . N. of rd.; standard iron post with bronze cap stamped "1922 H 61" ..... 4, 216. 936
Reference mark, $106 \mathrm{ft} . \mathrm{S} .70^{\circ} \mathrm{W}$. of post, in top of 2 - by 4 -in. hub cemented in ground; copper nail and washer ..... 4, 215. 98
T. 2 S., R. 4 W., sec. 19, 0.9 mi . N. of Lincoln Highway, 30 ft . W. of rd., near slab set in place, in top of 2 - by 4 -in. hub cemented in ground; copper nail and washer ..... 4, 233. 48
From point 7.2 miles northeast of. Grantsville generally south along roads to sec. 17, T. 3 S., R. 4 W., thence east to Shields (by E. E. Harris in 1922)
T. 2 S ., R. 4 W ., near $\mathrm{W} \frac{1}{4}$ cor. sec. 32 , in SE. angle of crossroads, in angle in fence line and 5 ft . from each fence; standard iron post with bronze cap stamped "1922 H 62" ..... 4, 353. 781
Reference mark, 67 ft . $\mathrm{N} .60^{\circ} \mathrm{W}$. of post, on top of concrete wallof culvert; chiseled square$4,353.68$
T. 3 S., R. 4 W., near SW. cor. sec. 8, in NE. angle of junction of T-rd. E., in concrete post; standard tablet stamped "1922 H 63"-
T. 3 S., R. 4 W., near SW. cor. sec. 9, in NE. angle of crossroads, onlarge boulder; chiseled square4, 672.90
U. S. C. \& G. S. iron post with standard cap designated "O 2" ..... 4, 720. 384
From point in sec. 32, T. 2 S., R. 4 W., east along roads to point 2 miles west of Erda (by E. E. Harris in 1922)
T. 2 S., R. 4 W ., near $\mathrm{E} 1 / 4$ cor. sec. 32, in NW. angle of crossroads, on leaning milepost; chiseled square ..... 4, 387.92
T. 2 S., R. 4 W., near E 144 cor. sec. $33,5.0 \mathrm{mi}$. N. of Tooele, on W. side of old Lincoln Highway, 720 ft . S. of crossroads; standard iron post with bronze cap stamped "1922 H 64"' ..... 4, 433. 818
T. 2 S., R. 4 W.,-near E1/4 cor. sec. 34, in NW. angle of crossroads, in root on $N$. side of second poplar tree N . from corner; copper nail and washer ..... $4,470.36$
T. 2 S., R. 4 W., near.E $1 / 4$. cor. sec. $35,40 \mathrm{ft}$. W. of track, $12 \mathrm{fti} . \mathrm{S}$. of rail fence, in center of old lane, on rock outcrop; chiseled square _ ..... $4,611.77$
U. S. C. \& G. S. copper bolt designated "N 2" ..... 4, 635. 588
From sec. 28, T. 1 S., R. 2 W., south along roads to sec. 22, T. 2 S., R. 2 W., thenceeast into Fort Douglas No. 3 quadrangle (by E. E. Harris in 1823)
T. 1 S., R. 2 W., near E. side of $\mathrm{SE}^{1 / 4}$ sec. 33, in SW. angle of cross- roads, in center of top of concrete parapet wall of bridge over irri- gation canal; chiseled square ..... 4, 456. 28
'T. 1 S., R. 2 W., near SE. cor. sec. $33,60 \mathrm{ft}$. S. of crossing of Denver \& Rio Grande Western R. R., on W. side of rd., on top of concrete parapet wall of bridge over irrigation canal; chiseled square ..... $4,533.95$
T. 2 S., R. 2 W., near NW. cor. sec. 10 , on W. side of rd. at point where rd. swings SE. from fence line, 25 ft . E. of fence, on large boulder; bottom of square hole ..... 4, 802. 86
T. 2 S., R. 2 W., about 500 ft . S. of NW. cor. sec. 15 , in SE. angle of crossroads, in boulder; standard tablet stamped "1923 H 44" ..... $5,077.627$
Reference mark, 86 ft . S. of tablet, on boulder; chiseled square ..... $5,079.35$
T. 2 S., R. 2 W., near NW. cor. sec. 22, in SE. angle of crossroads, on boulder; chiseled square ..... $5,103.47$
T. 2 S., R. $2 \cdot$ W., near SE. cor. sec. 15 , on N. side of rd. at summit of grade, inside of fence line, on large boulder; bottom of square hole ..... $5,011.25$
T. 2 S., $\dot{R} .2$ W., near $S$. side $\mathrm{SE} 1 / 4$ sec. 14 , on W . side of lane N. to dwelling, 40 ft . N. of center line of rd., 2 ft . E. of fence line, in con- crete post; standard tablet stamped " 1923 H 45" ..... 4, 849. 908
From Fort Dougles No. 3 quadrangle at point in sec. 31, T. 3 S., R. 1 W., along roads west, north, and east and back into Fort Douglas No. 3 quedrangle(by E. E. Herris in 1923)
T. 3 S., R. 1 W., near SW . cor. sec. 31 , on N. side of rd., in angle in fence line and 3 ft from each fence, in concrete post; standard tablet stamped "1923 H 53" ..... 4, 770.599
T. 3 S., R. 1 W., near W. side $\mathrm{NW} 1 / 4$ sec. 31 , at $S$. angle in jog in Riverton-Herriman rd., 30 ft . S . of old rd., at angle in telephone line, on stone post; chiseled square ..... 4, 762. 08
T. $3 \mathrm{~S} .$, R. $1 \mathrm{~W} .$, near S . side $\mathrm{SW} 1 / 4 \mathrm{sec} .19,0.5 \mathrm{mi}$. W. of junction of rd. N., on small hill, on $N$. side of rd., in concrete post; standard tablet stamped "1923 H 54" ..... 4, 745. 390
From Fort Douglas No. 3 quadrangle at point in sec. 7, T. 3 S., R. 1 W., along roads north about 1 mile, thence west to sec. 39, T. 2 S., R. 2 W., thence northand northwest to sec. 15, T. 2 S., R. 2 W. (by E. E. Harris in 1023)
Welby, about 1 mile SW. of, in SW1/4 sec. 6, T. 3 S., R. 1 W., in NE. angle of junction of rd. N., in concrete post; standard tablet stamped "1923 H 55" ${ }^{83}$ ..... 4, 763. 615
T. $3 \mathrm{~S} ., \mathrm{R} .2 \cdot \mathrm{~W}$. , near $\mathrm{N} 1 / 4$ cor. sec. 1, on S . side of rd., on stone post; bottom of square hole ..... $4,770.05$
T. 2 S., R. 2 W., near SE. cor. sec. 35, in NW. angle of crossroads, 3 ft. N. of property post, in concrete post; standard tablet stamped "1923 H 56" ..... 4, 830. 031

[^68]Reference mark, 50 ft . E. of tablet, on concrete post; bottom of square ..... Feet
hole ..... $4,828.96$
T. 2 S., R. $2 \mathrm{~W} ., \mathrm{W}$. of $\mathrm{S} 1 / 4$ cor. sec. 35 , on N . side of rd., on stone post; bottom of square hole ..... 4, 886.04
T. 3 S., R. 2 W., near NW. cor. sec. 2, on S. side of rd., on stone post; bottom of square hole ..... 4, 966. 08
T. 2 S., R. 2 W., near S 14 cor. sec. 34; on N. side of rd., in concrete post; top of copper bolt within chiseled square ..... 5, 037. 933
T. 2 S., R. 2 W., near S. side SE $1 / 4 \mathrm{sec} .33,35 \mathrm{ft}$. N. and 35 ft . E. from crossroads, in concrete post; standard tablet stamped "1923 H 57" ..... 5, 146. 500
Reference mark, 150 ft . E. of tablet, on buried boulder; bottom of square hole ..... $5,138.36$
T. 2 S., R. 2 W., near N. side NE $1 / 4$ sec. 33 , in SE. angle of rd. junction, on rock outcrop; bottom of square hole ..... $5,148.14$
T. 2 S., R. $2 \mathrm{~W} ., \mathrm{NW} \frac{1}{4}$. sec. $27,50 \mathrm{ft}$. S. and 30 ft . W. from rd. junc- tion, on rock outcrop; chiseled square ..... 5, 166. 09
T. 2 S., R. 2 W., NW $1 / 4 \mathrm{sec} .27,50 \mathrm{ft}$. E. of rd. junction, at foot of grade, on large boulder; chiseled square ..... $5,178.07$
SCIPIO QUADRANGLE
[Latitude $39^{\circ} 00^{\prime}-39^{\circ} 30^{\prime}$; longitude $112^{\circ} 00^{\prime}-112^{\circ} 30^{\prime}$ ]
JUAB, MILLARD, SANPETE, AND SEVIER COUNTIES
From Richfield No. 1 quadrangle along State Highway 83 northwest to Scipio, thence southwest along U. S. Highway 91 to Holden, thence northwest along State Highway 28 into Deseret quadrangle (by E. E. Herris in 1931)

Aurora, 2.8 mi . N., thence 4.9 mi . NW. from school at, 200 ft . SE. of junction of dim rd. N., on S. side of highway, on boulder; chiseled square5, 985.39

Aurora, 2.8 mi . N., thence 6.1 mi . NW. from, in center of large triangle formed by junction of highway with rd. W. to Herbert ranch, near sign reading "Maple Grove 7 mi. ." 34 ft . W. of center line of highway, in concrete post; standard tablet stamped "1931 H 103 $6158^{\prime \prime}$ (recovered by U. S. C. \& G. S. in 1934)$6,157.678$
Reference mark, 150 ft . S. of tablet, on E. side of highway, on boulder; chiseled square ..... $6,155.49$
Aurora, 2.8 mi . N., thence 6.8 mi . NW. from, on E. side of highway, near summit of grade, in root on W. side of leaning pine tree; copper nail and washer ..... 6, 253. 73
Aurora, 2.8 mi . N., thence 7.8 mi . NW. from, on NE. side of curve in highway, on top of drain pipe; chiseled square (recovered by U.S.C. \& G. S. in 1934) ..... 6, 185. 969
Aurora, 2.8 mi . N., thence 8.7 mi . NW. from, on E. side of highway, 170 ft . N. of curve, 80 ft . S. of corner of fence, on top of drain pipe; chiseled square ..... 6, 124. 39
Aurora, 2.8 mi . N., thence 9.2 mi NW. from, 15.6 mi . SE. of Scipio,$36 \mathrm{ft} . \mathrm{W}$. of center line of highway, 40 ft . S. of junction of T-rd.W. to Maple Grove, in concrete post; standard tablet stamped"1931 H 104 6125" (recovered by U. S. C. \& G. S. in 1934)$6,124.820$
Scipio, 15.0 mi . SE. of school at, on E. side of highway, 300 ft . N. of corner of fence, on boulder; chiseled square ..... 6, 096.90
Scipio, 14.0 mi . SE. of, on E. side of highway, 660 ft . S. of gate in W. fence, on top of drain pipe;,chiseled square ..... 6, 002. 60
Scipio, 12.9 mi . SE. of, 45 ft . E. of center of jog in highway, 47 ft . along fence S . of junction of T-rd. E., in concrete post; standard tablet stamped " 1931 H 105,5971 " (recovered by U. S. C. \& G. S. Feet in 1934)
Scipio, 12.1 mi.'SE. of, on E. side of highway at point of hill, on top of drain pipe; chiseled square (recovered by U. S. C. \& G. S. in 1934)
5, 964.857.
.Scipio, 11.2 mi . SE. of, on W. side. of highway, 230 ft . N. of dim crossroad, on top of drain pipe; chiseled square (recovered by U. S. C. \& G. S. in 1934)
5, 965.657
Scipio, 10.4 mi . SE. of, on W. side of highway, 125 ft . N. of mound, on top of drain pipe; chiseled square (recovered by U. S. C. \& G. S. in 1934)
5, 967.383
Scipio, 9.7 mi . SE. of, NE. of sharp curve in highway, 36 ft . N. of
center line of rd. W., 19 ft E. of center line of rd. S., 1 ft . N. and
13 ft W. from fence, in concrete post; standard tablet. stamped
" $1931 \mathrm{H} 106 \quad 5969$ " (recovered by U. S. C. \& G. S. in 1934 ).-..- $5,968.252$
Scipio, 8.6 mi .. SE. of, on E. side and 6 ft . above surface of highway, on large boulder; chiseled square (recovered by U.S. C. \& G. S. in.. 1934)
5, 941. 044
Scipio, 7.5 mi . SE. of, on E. side of highway at sharp curve at point of hill, on N. side of ditch, on boulder; chiseled square (recovered " by U. S. C. \& G. S. in 1934)
5; 834. 906
Scipio, 6.8 mi . SE. of, 24 ft . SW. of center line of highway at summit of grade, 21 ft . S. of junction of highway with woods rd. NE., in concrete post; standard tablet stamped "1931 H 107 5788" (recovered by U. S. C. \& G. S. in 1934)
5, 787. 990
Reference mark, 420 ft . SE. of tablet, in angle of E. parapet wall of
concrete bridge over drain; chiseled square (recovered by U. S. C.
\& G. S. in 1934)
Scipio, 6.0 mi . SE. of, on NE. side of curve in highway, on large boulder; chiseled square (recovered by U. S. C. \& G: S. in 1934) 5, 723. 520
Scipio, 5.3 mi . SE. of, on NE. side of highway, 12 ft . E. of center line of highway, 130 ft . along fence N . of farm rd. E., on boulder; chiseled square (recovered by U. S. C. \& G. S. in 1934)
5, 609: 684
Scipio, 4.6 mi . SE. of, on SW. side of highway, in fence line, in front
of abandoned one-room brick house, on boulder; chiseled square
(recovered by U. S. C. \& G. S. in 1934)
Scipio, 3.7 mi . SE. of, 30 ft . W. of center line of highway at summit of grade, 2 ft . NE. of fence, 20 ft . W of standpipe, in concrete post; standard tablet stamped " $1931 \mathrm{H} 108 \quad 5494$ " (recovered by U. S. C. \& G. S. in 1934)
5, 493. 933
Reference mark, 105 ft . S. of tablet, on boulder; chiseled square _... 5, 491. 39
Scipio, 2.8 mi . SE. of, on E. side of highway, 125 ft . S. of junction of highway with farm rd. W., on prominent boulder; chiseled square (recovered by U. S. C. \& G. S. in 1934)
5, 413. 972
Scipio, 1.9 mi . SE. of, on E. side of highway, 50 ft . S. of curve, in fence line, on boulder; chiseled square (recovered by U. S. C. \& G. S. in 1934)
5, 367. 043
Scipio, 1.1 mi . SE. of, on E. side of State Highway 63, on boulder flush with ground; chiseled square
5, 361. 04

Scipio School, in SE. corner of school grounds, on NW. side of curve in U. S. Highway $91,2 \mathrm{ft}$. N. and 2 ft . W. from corner of fence, 49 ft . N. of center line of E.-W. rd. and 50 ft . W. of center line of N.-S. rd., in concrete post; standard tablet stamped "1931 H 109 • 5306 " (recovered by U.S. C. \& G. S. in 1934)
Reference mark, 71 ft . E. of tablet, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) _$5,305.810$
Scipio, 1.0 mi . SW. of, on N. side of highway, 700 ft . E. of angle in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) $5,277.470$
Scipio, 2.0 mi . SW. of, on NW. side of highway, in center of concrete head wall of culvert over irrigation canal; chiseled square (recovered by U. S. C. \&:G. S. in 1934) 5, 318. 690
Scipio, 3.0 mi . SW. of, 45 ft . W. of curve in highway, in concrete post; standard tablet stamped "1931 H $110 \quad 5550$ " (recovered by U.S. C. \& G. S. in 1934) ${ }^{84}$ 5, 549. 224
Scipio, 4.0 mi . SW. on $W$. side of highway, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

5, 764. 975
Scipio, 4.8 mi . SW. of, 9.0 mi . NE. of Holden, 49 ft . NW. of center line of highway at summit of grade, in concrete post; standard tablet stamped " 1931 H 111 6000" (recovered by U. S. C. \& G. S. in $1934)^{85}$ 5, 999. 611
Holden, 8.0 mi . NE. of, on NW. side of highway, 2 ft . lower than surface of highway, in center of concrete head wall of culvert; chiseled square
$5,815.66$
Holden, 7.0 mi . NE. of, on NW. side of highway, at junction of highway with dim rd. NW., in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)
$5,676.258$
Holden, 6.0 mi . NE. of, 43 ft . NW. of center line of highway, 36 ft . E. of junction of highway with dirt rd. SW., $130 \mathrm{ft} . \mathrm{S}$. of rd. fork, 13 ft . S. of telephone pole, in concrete post; standard tablet stamped "1931 H 112 5564" (recovered by U. S. C. \& G. S. in 1934)
$5,563.483$
Holden, 4.8 mi . NE. of, on NW. side of highway, 450 ft . S. of corner of fence, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)
'5, 464.:540
Holden, 4.0 mi . NE. of, on NW. side of highway, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

5, 374. 740
Holden, 3.0 mi . NE. of, 53 ft . NW. of center line of highway, opposite angle in E. fence, 1 ft . E. of fence line, in concrete post; standard tablet stamped "1931 H 113 5277" (recovered by U. S. C. \& G. S. in 1934)

5, 276. 695
Reference mark, $1,290 \mathrm{ft}$. NE. of tablet, on W. concrete head wall of culvert; chiseled square

5, 302. 05
Holden, 2.2 mi . NE. of, on W. side of highway, opposite jogs in E.
fence, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)
$5,198.234$
Holden, 1.4 mi . NE. of, on W. side of highway, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) $5,176.984$

[^69]Holden, 0.6 mi . NE. of, 47 ft . NW. of center line of highway, 40 ft . N. of short-cut rd. to Delta, 6 ft . SW. of telephone pole, in concrete post; standard tablet stamped. "1931 H 114 5151" (recovered by U. S. C. \& G. S. in 1934)
Feet ..... 5, 150. 695
Reference mark, 410 ft . NE. of tablet, in center of top of W. concretehead wall of culvert; chiseled square$5,152.68$
Holden, 1.2 mi . NW. of, on N. side of highway, $1,200 \mathrm{ft}$. W. of curve, in center of top of concrete head wall of culvert; chiseled square. - ..... $5,025.05$
Holden, 2.1 mi.. NW. of; on N. side of highway, 510 ft . W. of T-angle in fence lines, in center of top of concrete head wall of culvert; chiseled square ..... 4, 941. 70
Holden, 3.1 mi . NW. of, 48 ft . N. of center line of highway at curve, $15 \mathrm{ft} . \mathrm{W}$. of angle pole in telephone line, in concrete post; standard tablet stamped " 1931 H 115 4883" ..... 4, 882. 623
Reference mark, 87 ft . SE. of tablet, in center of top of N. concrete head wall of culvert; chiseled square ..... 4, 882.27
Holden, 3.7 mi . NW. of, on N. side of highway, in center of top of con- crete head wall of culvert; chiseled square ..... 4, 835.89
Holden, 4.5 mi . NW. of, on NE. corner of concrete bridge over irri- gation canal; chiseled square ..... 4, 795. 64
Grade crossing, intersection of highway and Union Pacific R. R.; top of E . rail ..... 4, 772.1
Greenwood post office (discontinued), 500 ft . W. of, 670 ft . W. ofcrossing of Delta-Fillmore branch of Union Pacific R. R., in NE.angle of crossroads, just SW. of prominent curve in highway, incenter of top of concrete head wall of culvert; chiseled square4, 769. 65
Greenwood, 1.1 mi . NW. of, 36 ft . E. of center line of highway, 14 ft .S. of junction of T-rd. E., 3 ft . S. and 3 ft . E. from fence, in concretepost; standard tablet stamped "1931 H 116 4767"4, 766. 676
Greenwood, 1.9 mi . NW. of, on N. side of highway, 100 ft . W. of junc- tion of highway with rd. N., in center of top of concrete head wall of culvert; chiseled square ..... 4, 755. 29
Greenwood, 2.8 mi . N.W. of, on N. side of highway, 300 ft . E. of curve, in center of top of concrete head wall of culvert; chiseled square... ..... 4, 725. 78
Greenwood, 3.5 mi . NW. of, on N. side of highway at curve, in center of top of concrete head wall of culvert; chiseled square ..... 4, 705. 31
Greenwood, 4.2 mi . NW. of, 42 ft . NE. of curve in highway from W .to. N., 2 ft . S.W. of fence, in concrete post; standard tablet stamped"1931 H. 117 4686"4, 685. 759
Reference mark, 165 ft . SE. of tablet, on N. concrete head wall of culvert; chiseled square ..... $4,685.39$
Greenwood, 5.0 mi . NW. of, on E. side of highway, 250 ft . S. of corner of fence, in center of top of concrete head wall of culvert; chiseled square ..... 4, 728. 72
Greenwood, 6.3 mi . NW. of, on E. side of highway, opposite abandoned corral, in center of top of concrete head wall of culvert; chiseled square ..... 4, 731, 13
Greenwood, 7.1 mi . NW. of, 34 ft . E. of center line of highway, 55 ft .S. of junction of highway with crossroad, just W. of abandonedschool, in concrete post; standard tablet stamped " 1931 H 118$4725^{\prime \prime}$ (recovered by U. S. C. \& G. S. in. 1934)4, 725. 237
Reference mark, 95 ft . N. of tablet, near N. end of E. concrete head wall of culvert; chiseled square ..... 4, 725. 93
Greenwood, 8.2 mi . NW. of, on NE. side of highway, S. of dim crossroad, in center of top of concrete head wall of culvert; chiseled Feet

Greenwood, 9.4 mi . NW. of, on NE. side of highway, in center of top of concrete head wall of culvert; chiseled square
4, 720. 80
4, 707. 68
Greenwood, 10.2 mi . NW. of, 36 ft . NE. of center line of highway, 23 ft . SW . of curve in irrigation canal, 8 ft . NE.. of telephone pole, in concrete post; standard tablet stamped '' 1931 H $119 \quad 4693$ " - --
Reference mark, 281 ft . NW. of tablet, in center of E. concrete head wall of culvert over irrigation canal; chiseled square
Greenwood, 11.2 mi . NW. of, 12.0 mi . SE. of Oasis, on NE. side of highway, on concrete head wall of culvert; chiseled square
$4,693.306$
Oasis, 11.0 mi . SE. of, on E. side of highway, near N. end of E. concrete head wall of culvert; chiseled square
$4,693.52$
Oasis, 9.9 mi . SE. of, 35 ft . E. of center line of highway, in concrete post; standard tablet stamped "1931 H 120 4655" (recovered by U. S. C. \& G. S. in 1934)
$4,654.551$
Reference mark, 132 ft . S. of tablet, near N. end of E. concrete head

Oasis, 9.2 mi . SE. of, N. of curve W. in. highway, W. of Harding siding on Union Pacific.R. R. spur line to Fillmore, in center of top of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)
4, 681. 11
$4,672.45$
asis, 8.0 mi . E. of, on N . side of highway, in center of top of concrete head wall of culvert; chiseled square
$4,654.01$
$4,606.89$
From Richfleld No. 2 quadrangle northeast along U. S. Highway 91 to Holden (by E. E. Harris in 1931)
Fillmore, 2.8 mi . NE. of Millard County courthouse at, on E. side of highway, opposite corner of fence, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) _
$5,146.597$
Fillmore, 3.9 mi . NE. of, 31 ft . W. of center of highest point along highway between Fillmore and Holden, in line with telephone poles, in concrete post; standard tablet stamped " 1931 H 140 (recovered by U. S. C. \& G. S. in 1934)
$5,196.581$
Fillmore, 4.8 mi . NE. of, on E . side of highway, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)
$5,158.280$
Fillmore, 5.6 mi . NE. of, 4.2 mi . SW. of Holden, on E. side of highway, opposite corner of fence, in center of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934) _ _ 5, 167. 217.
Holden, 3.2 mi . SE. of, on E. side of highway, 500 ft . S. of corner of fence, in center of top of concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)
5, 139. 721
Holden, 2.4 mi . SW. of, 44 ft . E. of center line of highway, $22 \mathrm{ft} . \mathrm{S}$. of dim rd: E., 2 ft . S . and 2 ft . E. from fence, in concrete post; standard tablet stamped "'1931 H. 141 5096" (recovered by U. S. C. \& G. S. in 1934)
5, 095. 416
Reference mark, $1,090 \mathrm{ft}$. SW: of tablet, in center of $E$. concrete head wall of culvert; chiseled square
$5,106.15$
Holden, 1.1 mi . SW. of, on E. side of highway, 240 ft . S. of junction of highway with rd. SE., in center of head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)
5, 122. 749
Holden, in SE. angle of junction of U. S. Highway 91 and State Highway 26 , on concrete head wall of culvert; chiseled square (recovered by U. S. C. \& G. S. in 1934)

# SCOFIELD QUADRANGLE 

[Latitude $39^{\circ} 30^{\prime}-39^{\circ} 45^{\prime}$; longitude $111^{\circ} 00^{\prime}-111^{\circ} 15^{\prime}$ ]
CARBON, SANPETE, AND EMERY COUNTIES

## From Hiawatha quadrangle north along Utah Railway into Castlegate quadrangle (by Cornelius Schnurr in 1914)

> Blackhawk, 1.2 mi . N. of, 10 ft . W. of track, on end of cast iron culvert, on rock; chiseled mark
> From Soldier Summit quadrangle south along Pleasant Valley branch of Denver \& Rio Grande Western Railroad to Clear Creek; thence west along road to Huntington Canyon, thence southeast along State Highway 31 into Hiawatha quadrangle (by K. K. Kimball in 1923) sg

7, 173. 98

Scofield, 1.5 mi . N. of, in SW . side of milepost $\mathrm{C}-13,1 \mathrm{ft}$. above ground; 8-in. spike

7, 592. 81
Scofield, 0.5 mi . N. of, in SW . side of milepost $\mathrm{C}-14,1 \mathrm{ft}$. above
ground; 8 -in. spike_--7, 615.03
Scofield, at public school, in sill of second basement window. N. of main entrance; standard tablet stamped " 7702 " (recovered by U. S. C. \& G. S. in 1938)

7, 702. 317
Scofield, 2.5 mi . SW. of, $1,500 \mathrm{ft}$. S. of Utah Coal Co. No. 1 mine, 20 ft . E. of main track, in concrete post at base of milepost $\mathrm{C}-18$; standard tablet stamped "7922" (recovered by U. S. C. \& G. S. in 1938)

7, 922. 277
Clear Creek, at public school, at front entrance, in N. end of third step from top; standard tablet stamped " 8303 " (recovered by U. S. C. \& G. S. in 1938)
$8,304.599$
Clear Creek, 0.6 mi . W. of, on N. side of Finn Canyon rd., on sandstone block; chiseled cross.
$8,541.91$
Clear Creek, 1.0 mi . W. of, 4 ft . N. of Finn Canyon rd.; top of iron pipe.
Clear Creek, 2.0 mi . W. of, at summit of divide between Finn and James Canyons, near Carbon-Emery county line, in saddle about halfway between two knobs, 100 ft . S. of rd.; top of iron pipe (recovered by U. S. C. \& G. S. in 1938)
$9,822.050$
Clear Creek; 3.0 mi . W. of, 40 ft . SW. of rd. fork at head of James Canyon, 15 ft . W. of rd., in sandstone boulder; standard tablet -stamped " 9581 "
$9,582.469$
Clear Creek, $4.0 \mathrm{mi} . \mathrm{W}$. of, 3 ft . W: of large pine tree at old sawmill, 6 ft . E. of rd.; top of iron pipe.

8, 919. 06
Huntington Canyon, 5.0 mi . SW. of Clear Creek, at W. side of mouth of James Canyon, 10 ft . E. of telephone pole; top of iron pipe.-.-
$8,554.13$
Huntington Canyon, at junction of Coal Canyon, at edge of rd., in sandstone boulder; standard tablet stamped " 8472 " (recovered by U. S. C. \& G. S. in 1935)

8, 473. 434
Huntington Canyon, 1.0 mi . SE. of mouth of Coal Canyon, on N . side of rd. near old grade; top of iron pipe (recovered in 1938) _ . . 8, 379. 03
Huntington Canyon, 1.0 mi . NW. of Sulphur Spring, 120 ft . W. of Overhanging Rock, 12 ft . N. of rd., 4 ft from sandstone ledge; top of iron pipe (recovered in 1938),

8, 317. 61

[^70]Huntington Canyon, 50 ft . NE. of Sulphur Spring, 10 ft . NE. of old Feetrd.; standard tablet stamped " 8234 " (recovered in 1938) ......... 8, 235. 460Huntington Cañyon, 1.0 mi . SE. of Sulphur Spring, opposite NW.side of mouth of Flood Canyon; top of iron pipe (recovered in 1938) __ 8, 145. 47Huntington Canyon, 2.0 mi . SE. of Sulphur Spring, 1.2 mi . NW. ofjunction of Woodward Canyon, on nose of hill in bend of Hunt-ington Creek, just W. of rd.; top of iron pipe8, 067. 29
Huntington Canyon, 0.2 mi . NW. of mouth of Woodward Canyon, onN. bank of Huntington Creek, in flat sandstone slab; standardtablet stamped "7938"7, 940. 181Huntington Canyon, 300 ft . N. of mouth of Pole Canyon, 30 ft . W.of old rd.; top of iron pipe (recovered in 1938)$7,874.50$
Huntington Canyon, 0.9 mi . S. of mouth of Pole Canyon, about 1 mi .N. of "The Forks," in root of pine tree; copper nail and washer_- 7, 710. 24
SEVIER QUADRANGLE
[Latitude $38^{\circ} 30^{\prime}-38^{\circ} 45^{\prime}$; longitude $112^{\circ} 15^{\prime}-112^{\circ} 30^{\prime}$ ]
MILLARD, PIUTE, AND SEVIER COUNTIES
From Delano Peak No. 2 quadrangle north and northeast along J. S. Highway 80 into Richfleld No. 4 quadrangle (by E. E. Harris in 1931)
Marysvale, 5.1 mi . N. of, on W. side of highway, 280 ft . S. of oldR. R. switch; top of iron stake stamped "Piute-Sevier countyline"$5,841.640$
Marysvale, 5.9 mi . N. of, 6.3 mi . S. of Sevier R. R. sta., on W. side of highway at summit of grade, in root on W. side of leaning scrub oak tree; copper nail and washer ..... $5,814.08$
Sevier, 5.7 mi . S. of, 27 ft . E. of center line of highway, just N. of curve, in concrete post; standard tablet stamped "1931 H 85 5776" ..... 5, 776. 086
Sevier, 4.8 mi . S. of, on SE. side of sharp curve in highway, on base of rocky cliff; chiseled square ..... 5, 750.50
Sevier, 3.9 mi . S. of, on E. side of sharp curve in highway at rock cut, on base of cliff; chiseled square ..... 5, 751. 93
Sevier, 2.9 mi . S. of, 26 ft . W. of curve in highway, in large boulder; standard tablet stamped "1931 H 86 5701" ..... 5, 700. 362
Reference mark, 70 ft . SE. of tablet, on E. side of highway, on boulder; chiseled square ..... 5,693. 75
Sevier, 2.0 mi . S. of, on N. side of sharp curve in highway, $1,400 \mathrm{ft}$. NW. of bridge over Sevier River, on large red sandstone boulder; chiseled square ..... $5,662.01$
Sevier, 1.1 mi . S. of, 50 ft . NW. of highway, on SE. bank of Sevier River, on large boulder; chiseled square ..... 5, 579. 71
Sevier, at sta. on Marysvale branch of Denver \& Rio Grande WesternR. R., in center of top of $N$. parapet wall of concrete bridge overSevier River; chiseled square$5,535.90$
Sevier, 0.6 mi . N. of, 0.8 mi . SW. of Cove, 49 ft . W. of center line ofhighway, $100 \mathrm{ft} . \mathrm{S}$. of junction of U. S. Highway 89 and StateHighway 13, in concrete post; standard tablet stamped " H 87$1931{ }^{\prime \prime} 87$5, 606. 478
Reference mark, 233 ft . S. of tablet, in center of W . concrete head wall of highway culvert; chiseled square ..... $5,599.88$

[^71]
# From Y-junction of U. S. Highway 89 and State Highway 13 at point 0.6 mile north of Sevier atation on Marysvale branch of Denver \& Rio Grande Western Railroad west along State Highway 13 into Granite Peak quadrangle (by E. E. Harris in 1931) 

Sevier sta., 0.6 mi . N., thence 0.8 mi . W. from, on N. side of highway, in center of top of concrete head wall of culvert; chiseled square...

Feet
5, 648.00
Sevier, 2.2 mi . W. along highway from, on W. side of new highway, 150 ft . NE. of rd. sign reading "Clear Creek Canyon," just W. of small log cabin, in root on $W$. side of $15-\mathrm{in}$. cottonwood tree; copper nail and washer

5, 655.05
Sevier, 2.8 mi . W. of, on N. side of old highway, 190 ft . W. of Fillmore National Forest boundary sign, on large boulder; chiseled square. .

5, 701. 11
Sevier, 3.5 mi . W. of, 83 ft . NW. of telephone line, 28 ft . SW. of junction of rd. NW., 300 ft . NW. of farmhouse, 200 ft . NW. of center line of highway, in boulder extending 6 in . above ground; standard tablet stamped "H 661931 5762" (recovered by U. S. C. \& G. S. in 1934)

5, 762.052
Sevier, $4: 1 \mathrm{mi}$. W. of, on S. side of old highway, 100 ft . NW. of ranch house, on large boulder; chiseled square

5, 772. 95
Sevier, 5.1 mi . W. of, on N. side of new highway, in center of top of concrete head wall of culvert; chiseled square

5, 818.10
Sevier, 5.8 mi . W. of, on S. side of highway, in fence line, near NW. corner of farmhouse, in root on E. side of $15-\mathrm{in}$. cottonwood tree; copper nail and washer

5, 882.68
Sevier, 6.6 mi . W. of, 450 ft . N. of small log farmhouse, 70 ft . N. of N. bank of Clear Creek, 23 ft . W. of wooden gate, 1 ft . S. of fence, 47 ft . S. of center line of highway, in concrete post; standard tablet stamped "H 671931 5934" (recovered by U. S. C. \& G. S. in 1934)

5, 934. 073
Reference mark, 120 ft . NE. of tablet, in root on W. side of $18-\mathrm{in}$. cottonwood tree; copper nail and washer

5, 936.13
Sevier, 7.6 mi . W. of, on N. side of highway at summit of grade, 350 ft . E. of ranch house, in center of top of concrete head wall of culvert; chiseled square

6, 001. 79
Sevier, 8.6 mi . W. of, on S . side and 4 ft . lower than surface of highway, in center of top of large concrete head wall of culvert; chiseled square

6, 094. 47
Sevier, 9.0 mi . W. of, on N. side of highway, at base of cliff, in center of top of concrete head wall of culvert; chiseled square

6, 128.39
Sevier, 9.5 mi . W. of, 11.0 mi . E. of Cove Fort, 96 ft . N. of N. bank of Clear Creek, 37 ft . S. of center line of highway, 90 ft . SE. of highway sta. 15, 42 ft . E. of junction of rd. S. along Fish Creek, in concrete post; standard tablet stamped "H 681931 6181" (recovered by U.S. C. \& G. S. in 1934)

6, 180.631
Reference mark, $270 \mathrm{ft} . \mathrm{N} .70^{\circ} \mathrm{W}$. of tablet, in center of top of N . concrete head wall of culvert; chiseled square

6, 190: 55
Cove Fort, 10.0 mi . E. of, on N. side of highway at summit of grade, in center of top of concrete head wall of culvert; chiseled square

6, 380.76
Cove Fort, 9.3 mi . E. of, on N. side of highway, 100 ft . W. of junction of old highway, in center of top of concrete head wall of culvert; chiseled square

6, 441. 36
Cove Fort, 8.7 mi . E. of; 30 ft . N. of NE. corner of small log house, 24 ft . E. of wooden gate, 1 ft . S. of fence, 48 ft . S. of center line of highway, in concrete post; standard tablet stamped "'H 69.1931 6537" (recovered by U. S. C. \& G. S. in 1934)
6, 536. 703
Reference mark, 110 ft . W. of tablet, in center of top of S . concrete head wall of culvert; chiseled square
6, 540. 04
Cove Fort, 7.7 mi . E. of, on NE. side of highway, 850 ft . SE . of junction of rd. to Kanosh, in center of top of concrete head wall of culvert; chiseled square
6, 712. 23
Cove Fort, 6.5 mi . E. of, on N. side of curve in highway, in center of top of concrete head wall of culvert; chiseled square
6, 957. 26
Cove Fort, 5.7 mi . E. of, 40 ft . S. of center line of highway, 88 ft . SE. of Millard-Sevier county line, on summit 4 ft . higher than surface of highway, in concrete post; standard tablet stamped "H 124 1931 7231" (recovered by U. S. C. \& G. S. in 1934)
7, 231. 104
From Delano Peak No. 2 quadrangle at sec. 34, T. 26 S., R. 5 W., northeast along road in Fish Creek Valley to junction of State Highway 13 (by S. S. Evans in 1938)
Indian Creek ranger sta., 10.1 mi . NE. of, in sec. 33 , T. $26 \mathrm{~S} ., \mathrm{R} .5 \mathrm{~W}$., 6 ft . S . of center line of rd., at rocky point in small canyon, 15 ft . NW. of Fish Creek, in large boulder in place; standard tablet stamped "10 E 1936"
6, 909.929
Reference mark, 25 ft . SW . of tablet, 7 ft . S. of rd ., on boulder in place; chiseled square
$6,912.07$
T. 26 S., R. 5 W. , sec. $28,11.1 \mathrm{mi}$. NE. of Indian Creek ranger sta., 225 ft . N. of old power house, 13 ft . W. of center line of rd., in root on N . side of 36 -in. yellow pine tree; copper nail and washer_....-6, 770. 10
T. $26 \mathrm{~S} . ;$ R. 5 W ., sec. $22,12.2 \mathrm{mi}$. NE. of Indian Creek ranger sta., 8 ft . E. of center line of rd., 50 ft . E. of Fish Creek, in large conglomerate rock outcrop; standard tablet stamped "11 E 1936" - 6, 644. 530
Reference mark, 146 ft . NNW. of tablet, 35 ft . W. of center line of rd., on boulder in place; chiseled square
6, 640. 03
T. $26 \mathrm{~S} . ;$ R. $5 \mathrm{~W} .$, sec. $15,13.2 \mathrm{mi}$. NE. of Indian Creek ranger sta., 85 ft . E. of old log corial in small flat, 20 ft . E. of center line of rd., in root on $\dot{W}$ : side of 24 -in. cottonwood tree; copper nail and washer
$6,515.24$
T. $26 \mathrm{~S} .$, R. $5 \mathrm{~W} .$, sec. $11,14.2 \mathrm{mi}$. NE. of Indian Creek ranger sta., 50 ft . E. of Fish Creek, 40 ft . W. of center line of rd., in granite boulder in place; standard tablet stamped " 12 E " 1936 "
$6,409.871$
Reference mark, 89 ft . S. of tablet, 32 ft . E. of Fish Creek, in root on SW. side of 12 -in. cottonwood tree; copper nail and washer
6, 410. 19
T. 25 S., R. 5 W., sec. $35,15.2 \mathrm{mi}$. NE. of Indian Creek ranger sta.,
$\therefore 11.0 \mathrm{mi}$. E., thence 1.3 mi . S. from Cove Fort, 5 ft . N. of center line of Fish Creek rd., 40 ft . N. of creek, on sandstone boulder in place; chiseled square
$6,310.00$
U. S. C. \& G. S. standard disk stamped "Q 31 1934"....................6, 156. 621

## SOLDIER SUMMIT QUADRANGLE

[Latitude $39^{\circ} 45^{\prime}-40^{\circ} 00^{\prime}$; longitude $111^{\circ} 00^{\prime}-111^{\circ} 15^{\prime}$ ]<br>CARBON, SANPETE, UTAH, AND WASATCH COUNTIES

From Mill Fork quadrangle southeast along Denver \& Rio Grande Western Railroad into Kyune quadrangle (by L. F. Biggs in 1010; leveled twice)

Soldier Summit, 6.8 mi . NW. of, $1,000 \mathrm{ft}$. S. of Tucker sta., 150 ft . E. of roundhouse, in SE. corner of concrete retaining wall of bridge 658-A; aluminum tablet stamped "6228 25 "
Soldier Summit, 3.4 mi . NW. of, on E. side of right-of-way, 10 ft . above track, in sandstone ledge; aluminum tablet stamped "6933 26"

6, 928. 870
Soldier Summit, 100 ft . N. of sta., 50 ft . E. of S . end of snow sheds, on E. side of right-of-way, in fence corner, in large boulder; aluminum tablet stamped "7467 27"

7, 463. 387
Colton, 2.5 mi . NW. of, 500 ft . W. of milepost 131, in S. side of concrete culvert; aluminum tablet.stamped "7248 28"

7, 244. 266
Colton, 3 ft . W. of main entrance of public school, in S. wall, 4 ft . above ground; aluminum tablet stamped "7192 29" (recovered by U. S. C. \& G. S. in 1927)

7, 187. 883
From Colton southwest along Pleasant Valley branch of Denver \& Rio Grande
Western Railroad into Scofield quadrangle (by K. K. Kimball in 1923) ${ }^{\text {83 }}$
Colton, 3.0 mi . S. of, 40 ft . NW. of milepost C-3, 25 ft . N. of telephone pole, in concrete post; standard tablet stamped " 7352 ".... 7, 351. 314
Colton, 6.3 mi . SW. of, 8.2 mi . NE. of Scofield, in SW. concrete mudsill of steel bridge 6-A over Fish Creek; standard tablet stamped " 7498 " (recovered by U. S. C. \& G. S. in 1938)

7, 497. 793
Scofield, 5.5 mi . NE. of, at Hale's siding, about $1,000 \mathrm{ft}$. E. of milepost C-9, 100 ft . E. of water tank, in NW. mudsill of steel bridge over Fish Creek; standard tablet stamped "7573" (recovered by U. S. C. \& G. S. in 1938)

7, 572. 875
Scofield, 2.5 mi . NE. of, at base of milepost C-12, in concrete post; standard tablet stamped "7582"

7, 582. 519

## STOCKTON QUADRANGLE

[Latitude $40^{\circ} 15^{\prime}-40^{\circ} 30^{\prime}$; longitude $112^{\circ} 15^{\prime}-112^{\circ} 30^{\prime}$ I
TOOELE COUNTY
From point 3 miles southwest of Stockton along roads southeast to Bates ranch, thence northeast into Fairfeld quadrangle near Ophir (by Roscoe Reeves in 1915)
U. S. C. \& G. S. iron post with standard cap designated "U 2"----- 4, 973. 835
T. 5 S., R. 5 W ., sec. $2,3.2 \mathrm{mi}$. SW. of Stockton, 0.5 mi . SE. of rd. fork, on SW. side of rd., on milestone reading "Tooele 10 mi ."; chiseled square

5, 076.81
T. 5 S., R. 5 W., sec. $12,4.2 \mathrm{mi}$. S. of Stockton, 1.5 mi . SE. of rd. fork, on NE. side of rd., on milestone reading "Tooele 11 mi ."; chiseled square
$5,151.15$
T. 5. S., R. 5 W., sec. 13, 5.2 mi . S. of Stockton, 0.2 mi . SE. of wooden culvert, 480 ft . SE. of milestone reading "Tooele 12 mi. ." on N. side of rd.; standard iron post with bronze cap stamped " 5169 ".-. 5, 169.427

[^72]T. $5 \mathrm{~S} .$, R. 4 W ., sec. 19, 5.5 mi . along rd. from Ophir, 6.2 mi . SE. of Stockton, on E. side of rd., on milestone reading "Tooele 13 mi. "; Feet chiseled square 5, 284. 11
T. $5 \mathrm{~S} .$, R. 4 W. , sec. $19,4.5 \mathrm{mi}$. along rd. from Ophir, on E. side of rd., on milestone reading "Tooele 14 mi."; chiseled cross

5, 447. 14
T. $5 \mathrm{~S} .$, R. $4 \mathrm{~W} .$, sec. $28,2.8 \mathrm{mi}$. SW. of Ophir, near mouth of Ophir Creek Canyon, 0.1 mi . W. of Bates ranch house, 100 ft . E. of R. R. crossing; standard iron post with bronze cap stamped " 5710 ". .-.
Ophir, in front of Edwards Hotel, on N. side of street, 200 ft . W. of summit of rd. grade, in limestone ledge; aluminum tablet stamped " 6498 "

6, 498. 476
STRAAWBERRY VALLEY QUADRANGLE
[Latitude $40^{\circ} 00^{\prime}-40^{\circ} 30^{\prime}$; longitude $111^{\circ} 00^{\prime}-111^{\circ} 30^{\prime}$ ]
UTAH AND WASATCH COUNTIES

> From Red Creek quadrangle northwest along approximate route of present. J. S. Highway 40 by way of Strawberry Valley and Daniels Canyon into Coalville quadrangle (by E. W. Glafcke in 1900)

Soldier Springs, 360 ft . NW. of, 200 ft . N. of highway, in large sandstone ledge; standard tablet stamped "7634 S LAK"

7, 636. 569
Soldier Springs, 3.4 mi . NW. of, 200 ft . N. of Coal Canyon, 250 ft . N . of highway, on S. slope of hill, in large sandstone ledge; standard tablet stamped "7750 S LAK"

7, 752. 647
T. 2 S., R. 12 W., in NW $1 / 4 \mathrm{sec} .27$, about 14 mi . NW. of Soldier Springs, 300 ft . N. of W. fork of Strawberry River, 50 ft . N. of highway, at mouth of ravine, in granite boulder; standard tablet stamped "7775 S LAK".

7, 777. 758
T. 2 S., R. 12 W., near NW. cor. sec. 27, 3.4 mi . in air line ENE. of Strawberry Mtn., at summit of divide between Strawberry River and Daniels Creek, about 90 ft . N. of center line of highway, in sandstone boulder; standard tablet stamped "7994 S LAK" (recovered by U. S. C. \& G. S. in 1934)

7, 996. 808
Heber, about 14 mi . SE. of Wasatch County courthouse, 96 ft . S. of center line of highway, at mouth of small draw; standard iron post with bronze cap stamped "7112 S LAK" (recovered by U. S. C. \& G. S. in 1934)

7, 114. 592
Heber, 10.4 mi . SE. of, 4 ft . SE. of rim of Daniels Canyon, 150 ft . SW . of creek, 20 ft . NE. of highway, in small clearing; standard iron post with bronze cap stamped " 6580 S LAK" (recovered by U. S. C. \& G. S. in 1934)

6, 583.251
Heber, 7.1 mi . SE. of, about 3 mi . SE. of mouth of Daniels Canyon, 400 ft . E. of creek, 15 ft . E. of highway, in rock bench; standard iron post with bronze cap stamped "6227 S LAK" (recovered by U. S. C. \& G. S. in 1934)

6, 228: 905
Heber, 3.4 mi . SE. of, at mouth of Daniels Canyon, 20 ft . NE. of highway, 300 ft . NE. of dwelling of J. J. Howe, 75 ft . N. of gate; standard iron post with bronze cap stamped "6018 S LAK" $-\ldots$... 6, 020.944

## SUNNYSIDE QUADRANGLE

## [Latitude $39^{\circ} 30^{\circ}-39^{\circ} 45^{\prime}$; longitude $110^{\circ} 15^{\prime}-110^{\circ} 30^{\prime}$ ] <br> CARBON COUNTY

> From Wellington quadrangle east along Sunnyside branch of Denver \& Rio Grande Western Railroad to Sunnyside (by L. F. Bigge in 1910; single un. checked apur line)

White, in base of sta. sign; spike with aluminum tag stamped " 5813 ", $5,815.76$
Sunnyside, 4.0 mi . W. of, at triangulation sta., on N. side of right-of-way, in sandstone boulder buried flush with ground under center of signal; aluminum tablet stamped " 5902 "

5, 904. 775
Sunnyside, 100 ft . S. of milepost 15 , on S . side of right-of-way, in sandstone boulder; aluminum tablet stamped " 6432 "
$6,434.808$

## TIDWELL QUADRANGLE

[Latitude $38^{\circ} 30^{\prime}-39^{\circ} 00^{\prime}$; longitude $110^{\circ} 00^{\prime}-110^{\circ} 30^{\prime}$ ]
EMERY AND GRAND COUNTIES
From Gunnison Butte quadrangle southeast along Denver \& Rio Grande Western Railroad into Moab quadrangle (by L. F. Biggs in 1910; leveled twice)
Greenriver, 5 ft . S. of main entrance of condemned schoolhouse, in W. wall, 3 ft . above ground; aluminum tablet stamped "4085 55 " (recovered by U. S. C. \& G. S. in 1927) ${ }^{89}$

4, 087.239
Greenriver, 1.0 mi . SE. of, in E. end of N. abutment of bridge over Green River; aluminum tablet stamped "4062" (recovered by U. S. C. \& G. S. in 1927)

4, 063.814
Greenriver, 4.4 mi . SE. of, 3.9 mi . NW. of Solitude, 300 ft . N. of milepost 551, in E. end of concrete culvert under tracks; aluminum tablet stamped "4187 55 A" (recovered by U. S. C. \& G. S. in 1927)

4, 188. 456
Solitude, 10 ft . E. of sta. sign, on W. side of right-of-way; standard iron post with bronze cap stamped " 4372 56"

4, 373. 902

## VERDURE QUADRANGLE 0

[Latitude $37^{\circ} 30^{\prime}-38^{\circ} 00^{\prime}$; longitude $109^{\circ} 00^{\prime}-109^{\circ} 30^{\prime}$ ]

## SAN JUAN COUNTY

From Mount Peale quadrangle west of Church Rock southwest along Dugout ranch road into Elk Ridge quadrangle at sec. 22, T. 32 S., R. 22 E. (by C. C. Rich in 1934)
Church Rock, 10.6 mi . SW. of, on S. edge of E.-W. canyon tributary to Indian Creek, 40 ft . N. of rd., on E. edge of small drainage, in root on SE. side of $24-\mathrm{in}$. piñon tree; copper nail and washer.- 6, 610. 50
Church Rock, 11.6 mi. SW. of, in sec. 22, T. 32 S., R. 22 E., 510 ft . W. of point where rd . crosses divide, 250 ft . N. and 100 ft . above rd. W., on W . end of top of prominent ridge overlooking Indian Creek, in sandstone outcrop; standard tablet stamped " 6368 CR 6 1934"

6, 366. 763
Reference mark, 152 ft . NE. of tablet on same ridge, in root on S . side of $20-\mathrm{in}$. piñon tree; copper nail and washer

[^73]> From Elk Ridge quadrangle near Camp Jackson east along forest trail and Verdure sawmill road to State Highway 47 at point 8.6 miles southwest of Monticello (by C. C. Rich in 1984).

Camp Jackson, 1.7 mi . W. of, on ridge dividing N. and E. tributaries of Johnson Creek, 1.2 mi . S. of U. S.. Forest Service milepost, 4 ft. W . of forest trail, in root on W. side of 36 -in. yellow pine tree; copper nail and washer

Feet
8, 938.55
Camp Jackson, in SE. corner of pasture, 55 ft . SW. of SW. corner of southernmost of four log cabins, in granite boulder; standard tablet stamped " 9101 CR 31 1934"

9, 100. 116
Reference mark, 272 ft . W. of tablet, in SW. corner of pasture W. of cabins, in root on S . side of $12-\mathrm{in}$. quaking aspen tree; copper nail and washer

9, 089. 40
Camp Jackson, 1.0 mi . E. of, 40 ft . NW. of old wagon rd., in root on N . side of $30-\mathrm{in}$. yellow pine tree, easternmost of group; copper nail and washer
$9,117.72$
Camp Jackson, 2.3 mi . E. of, 300 ft . W. of peak of E.-W. ridge to edge of Recapture Canyon, 100 ft . S. of forest trail, in sandstone boulder; standard tablet stamped " 8763 CR 32 1934"

8, 762. 061
Reference mark $1,38 \mathrm{ft}$. W. of tablet, in root on SE. side of $30-\mathrm{in}$. yellow pine tree; copper nail and washer

8, 755. 38
Reference mark 2, 3 ft . S. of tablet, in root on W. side of $40-\mathrm{in}$. yellow pine tree; copper nail and washer

8, 761. 52
Camp Jackson, 3.4 mi . E. of, at base of Recapture Canyon, 50 ft . W. of point where old wagon rd. crosses Recapture Creek, 6 ft . SW . of U. S. Forest Service sign reading "Recapture Creek," on sandstone boulder; chiseled square

7, 972.99
Camp Jackson, 4.5 mi . E. of, 5.0 mi . along Verdure sawmill rd. W. of State Highway 47, 0.5 mi . E. of U. S. Forest Service milepost, 20 ft . S. of old wagon rd., in sandstone boulder; standard tablet stamped " 8139 CR 33 1934"
$8,137.585$
Reference mark, 25 ft . NW. of tablet, in root on E. side of $30-\mathrm{in}$. jack-pine tree; copper nail and washer

8, 141.13
Verdure, 2.0 mi . along highway SW. , thence 4.0 mi . along sawmill rd. NW. from, 100 ft . W. of gate in U. S. Forest Service fence, in root on W. side of 30 -in. jack-pine tree; copper nail and washer

7, 997.12
Verdure, 2.0 mi . along highway SW. , thence 3.0 mi . along sawmill rd. NW. from, 15 ft . N. of rd., in sandstone boulder; standard tablet stamped " 7608 CR 34 1934"

7, 606. 823
Reference mark, 57 ft . SW. of tablet, in root on NW. side of 12 -in. yellow pine tree; copper nail and washer
$7,604.95$
Verdure, 2.0 mi . along highway SW ., thence 2.0 mi . along sawmill rd. NW. from, 60 ft . W. of rd., in root on NE. side of $30-\mathrm{in}$. jackpine tree; copper nair and washer

7, 441. 93
Verdure, 2.0 mi . along highway SW ., thence 1.5 mi . along sawmill rd. NW. from, $1,150 \mathrm{ft}$. E. of U. S. Forest Service boundary sign, 8 ft . S. of rd., in sandstone boulder; standard tablet stamped " 7359 CR 35 1934"
$7,357.929$
Reference mark, 30 ft . S. of tablet, on sandstone boulder; chiseled square

7, 356. 21
U. S. C. \& G. S. standard disk stamped "C 22 1933"

7, 157. 200

# From Blanding west 1.5 miles along State Highway 85 into Elk Ridge quadrangle (by E. H. Larson in 1984) <br> Feet 


Blanding, 1.0 mi . W. of, 100 ft . N. of rd., on sandstone outcrop; chiseled square

6, 148.92
Blanding, 1.4 mi . W. of, 160 ft . S. of rd., in sandstone outcrop; standard tablet stamped "6125 EL 1 1934"

6, 124. 063
Reference mark, $117 \mathrm{ft} . \mathrm{N}$. of tablet; chiseled square 6, 122.31

## VERNAL QUADRANGLE

[Latitude $40^{\circ} 00^{\prime}-40^{\circ} 30^{\prime}$; longitude $109^{\circ} 30^{\circ}-110^{\circ} 00^{\prime}$ ]
dUCHESNE AND UINTAH COUNTIES
From Marsh Peak quadrangle near Ashley Creek south and east along roads
to Vernal, thence southwest along old stage road (approximate route of ס. S.
Highway 40) by way of Fort Duchesne into Duchesne quadrangle (by E. W.
Glafcke in 1902)
Ashley Creek, under bridge over new channel; surface of water
5, 357. 2
Vernal, at statue corner, at NW. corner of street intersection, at SE. corner of J. C. Penney Co. store formerly known as Ashley Cooperative store, in S. side of cornerstone, set vertically; aluminum tablet stamped " 5356 EVAN 37 " ${ }^{91}$ (recovered by U. S. C. \& G. S. in 1933)

5, 330. 035
Vernal, 3.0 mi . SW. of, in sec. 33 , T. 5 S., R. 21 E., at curve due W. in telephone rd., in SW. angle of crossroads, in sandstone boulder; aluminum tablet stamped " 5477 EVAN 38 " ${ }^{92}$

5, 450. 726
Vernal, 5.9 mi . SW. of, on W. side of open cut, on summit of divide between Ashley Valley and Halfway Hollow, in sandstone ledge; aluminum tablet stamped " 5801 EVAN 39" ${ }^{02}$

5, 774. 869
Vernal, 9.5 mi . SW. of, 6.4 mi . E. of Halfway sta., 75 ft . N. of rd., at point of sandstone ridge and dry wash, in sandstone ledge; aluminum tablet stamped " 5301 EVAN 40" $5,274.251$
Halfway sta., 2.8 mi E. of, in sec. 26, T. 5 S., R. 20 E., 13 mi . SW. of Vernal, $60 \mathrm{ft} . \mathrm{N}$. of rd., at point of ridge, in sandstone ledge; aluminum tablet stamped " 5048 EVAN 41 " 5, 022.052
Halfway sta., 200 ft . S. of, in sec. 5, T. 6 S., R. 20 E., W. of rd. junction, in large sandstone boulder; aluminum tablet stamped " 5030 EVAN 42"

5, 003.648
Halfway sta., 3.5 mi. W. of, in sec. 12, T. $6 \mathrm{~S} .$, R. 2 E., 7.8 mi . E. of
Fort Duchesne, 25 ft S. of rd., on summit of divide between Ute
Fork and Halfway Hollow, in sandstone ledge; aluminum tablet
stamped " 5305 EVAN 43 "----------------------------------5, 278.546
Fort Duchesne, 4.1 mi . E. of, in sec. 16, T. 6 S., R. 2 E., 1.0 mi . E. of gilsonite mines on The Strap, at base of sandstone cliff, in sandstone ledge; aluminum tablet stamped " 5118 EVAN 44"

5, 091.677
Fort Duchesne, 11 ft . S. of SE. corner of quartermaster's office, 18 ft .
W. of gate, in sandstone in place; aluminum tablet stamped " 5016 EVAN $45{ }^{\prime \prime}{ }^{93}$

4, 989.561
Fort Duchesne, 5.5 mi . W. of, 225 ft . N. of rd., in point of rocks; aluminum tablet stamped "5029 EVAN"----------------------- 5, 002.981

[^74]
## From road junction 5.9 miles southwest of Vernal along Vernal-Ouray road southwest to Ouray, thence along valley road northwest to Fort Duchesne (by E. C. Burt in 1913)

Vernal, 6.5 mi . SW. of, on Fort Duchesne rd., 10 ft . N. of triangle at junction of rd. to oil wells, on small rock ledge 2 ft . N. of $4-\mathrm{ft}$. boulder; chiseled cross
Vernal, 8.0 mi . SW. of, in sec. 18, T. 5 S., R. 21 E., 0.5 mi . S. of crossroads, 75 ft . W. of rd., in E. end of rock outcrop; standard tablet stamped " 5432 ".

5, 430. 503
Vernal, 9.3 mi . SW. of, 240 ft . W. of rd., on W. side of small knoll, on rock; chiseled cross

5, 302. 47
Vernal, 11.3 mi . SW. of, 60 ft . E. of rd., on hillside, in rock; standard tablet stamped " 5158 "

5, 156. 404
Vernal, 12.3 mi . SW. of, 30 ft . NW. of rd., in winding canyon, on $5-\mathrm{ft}$. boulder; chiseled cross

5, 024.82
Vernal, $12.8 \mathrm{mi} . S W$. of, 35 ft . W. of rd., 5 ft . W. of rock pile; top of rock set in ground
$4,976.67$
Vernal, 14.1 mi . SW. of, in sec. 12, T. 6 S., R. 20 E., 3.7 mi . N. of Green River, 60 ft . S. of rd., in winding canyon, in easternmost of two 6 -ft. boulders; standard tablet stamped " 4866 "

4, 864. 971
Vernal, 14.9 mi . SW. of, 2.9 mi . N. of Green River, 1 ft . W. of rd., on 3 -ft. boulder; chiseled square

4, 783.93
Vernal, 15.9 mi . SW. of, 1.9 mi . N. of Green River, 10 ft . W. of rd., on bench, on E . side of 6 - ft . boulder; chiseled square

4, 738.25
Vernal, 17.1 mi . SW. of, 0.7 mi . N. of Green River, 200 ft . E. of rd., 30 ft . E. of large rock outcrop, on 4 -ft. boulder; chiseled square----
Vernal, 17.5 mi . SW. of, in sec. 30, T. 6 S., R. 21 E., 0.3 mi . N. of Green River, 2 ft . N. of rd., on bench, in S. end of long rock outcrop; standard tablet stamped " 4693 "
$4,691.989$
Green River, at point 14.4 mi . by rd. NE. of Ouray; surface of water at 12 noon Aug. 20, 1913

4, 675.8
Ouray. 13.6 mi . NE. of, 1.0 mi . W. of Green River, 80 ft . NW. of junction of Green River rd., on rock set in place; chiseled square_

4, 727. 58
Ouray, 13.0 mi . NE. of, in sec. 36, T. 6 S., R. 20 E., 2.0 mi . W. of Green Piver, 5 ft . N. of rd., on rock outcrop; chiseled square

4, 795.46
Ouray, 12.1 mi . NE. of, 3.0 mi . W. of Green River, 50 ft . SE. of curve in rd., in rock ledge; standard tablet stamped " 4934 "

4, 932. 770
Ouray, 11.2 mi . NE. of, 15 ft . N. of rd., on rock set in place; chiseled square
$4,929.17$
Ouray, 10.7 mi . NE. of, 30 ft . N. of rd., 250 ft . NE. of dry wash, on $3-\mathrm{ft}$. boulder; chiseled square

4, 860.30
T. 7 S., R. 20 E., at cor. secs. 2, 3, 10, and 11; top of section corner
stone.--------------1, 855.65

Ouray, 9.5 mi . NE. of, in sec. 10, T. 7 S., R. 20 E., 20 ft . N. of rd., on rock set in place; chiseled square

4, 939.38
Ouray, 8.8 mi . NE. of, 20 ft . W. of highest point of rd., on rock set in place; chiseled square

4, 972.14
Ouray, 8.2 mi . NE. of, 15 ft . NW. of rd., 180 ft . N. of irrigation ditch, on rock set in place; chiseled square
Ouray, 8.2 mi . NE. of, 30 ft . NW. of point where rd. crosses irrigation ditch; standard iron post with bronze cap stamped " 4900 "
Ouray, 7.3 mi . NE. of, in sec. 22, T. $7 \mathrm{~S} ., \mathrm{R} .20 \mathrm{E} ., 0.9 \mathrm{mi}$. S. of irrigation ditch, 20 ft . W. of rd., on rock set in place; chiseled square_... 4, 810.40
Ouray, 6.6 mi . NE. of, 1.6 mi . SW. of irrigation ditch, 20 ft . NW. of rd., on rock set in place; chiseled square
Ouray, 5.6 mi . NE. of, 2.6 mi . S. of irrigation ditch, 30 ft . W. of rd.; ..... Feet standard iron post with bronze cap stamped " 4773 " ..... 4, 771. 558
Ouray, 4.6 mi . NE. of, 0.6 mi . N. of junction of Randlett rd., 20 ft .W. of rd., at S. edge of sandy flat, on rock set in place; chiseledsquare$4,764.58$
Ouray, 4.0 mi . NE. of, in sec. $10, \mathrm{~T} .8$ S., R. 20 E., 75 ft . S. of junction of Sheppard ranch rd., 0.9 mi . N. of $\log$ cabin, on rock set in place; chiseled square ..... $4,714.84$
Ouray, 3.1 mi . NE. of, 320 ft . NW. of crossroads, 180 ft . S. of log cabin; standard iron post with bronze cap stamped " 4709 " ..... 4; 708. 268
Ouray, 2.1 mi . NE. of, 75 ft . N. of junction of Sheppard ranch rd., on rock set in place; chiseled square ..... 4, 685.72
Ouray, 0.5 mi . N. of, 130 ft . W. of rd., 0.2 mi . E. of Fort Duchesne rd:, on hillside, in rock ledge; standard tablet stamped "4663"- ..... 4, 662. 167
Green River, 60 ft . E. of ferry at Ouray; surface of water at 10:40 a.m. Sept. 3, 1913 ..... 4, 642.9Ouray, 700 ft . S. of post office, 150 ft . NE. of water gage on GreenRiver, 12.8 ft . above zero of gage, 550 ft . NW. of ferry; standard ironpost with bronze cap stamped " 4655 "4, 653. 531
Ouray, 700 ft . S. of post office, 200 ft . NE. of water gage, 450 ft : NW.of ferry, in 12 -in. blazed tree; nail (set by water-resources branch ofGeological Survey)4, 654.01Ouray, 1.6 mi . NW. of, 10 ft . E. of rd., 2 ft . W. of telephone pole, onrock set in place; chiseled square4, 701. 90
Ouray, 3.1 mi . NW. of, 10 ft . E. of rd., 400 ft . W. of Duchesne River, on bench, in 7 -ft. boulder; standard tablet stamped " 4699 " ..... 4, 698: 097
Ouray, 5.1 mi . NW. of, 30 ft . W. of rd., 200 ft . N. of log cabin, 5.5 ft . N.of lane W. to Duchesne River; standard iron post with bronze capstamped " 4688 "$4,687.000$Ouray, 6.1 mi . NW. of, 0.1 mi . N. of Indian cabin, 0.5 mi . N. of junc-tion of upper and lower rds. to Fort Duchesne, 80 ft . W. of lower rd.;in 24 -in. tree; spike$4,684.45$
Randlett, 5.8 mi . SE. of, at point where lower rd. crosses E. Channel of Duchesne River, at S. side of "The Island," 75 ft . S. of stream; 25 ft . SW. of rd.; standard iron post with bronze cap stamped "4714" ..... 4, 713. 389
Duchesne River, E. channel of, at point 5.8 mi . SE. of Randlett, at dam 300 ft . above ford; surface of water at 11:45 a. m. Sept. 16, 1913 ..... $4,707.4$
Randlett; 4.5 mi . SE. of, 0.7 mi . N. of ford where rd. crosses E. channel of Duchesne River, 300 ft . E. of rd., in $24-\mathrm{in}$. tree; spike ..... $4,729.82$
Randlett, 4.3 mi . SE. of, 400 ft . N. of E. channel of Duchesne River, 1 ft. E. of rd., in $30-\mathrm{in}$. tree; spike ..... 4, 735: 69
Duchesne River, 3.7 mi . SE. of Randlett, 2 ft . W. of lower rd., at bendin river; surface of water at 11 a . m. Sept. 17, 19134, 736. 4
Randlett, 2.5 mi . SE. of, 300 ft . NW. of junction of upper and lowerrds. to Ouray, 200 ft . S. of bridge over dry wash or irrigation canal,at top of hill; standard iron post with bronze cap stamped " 4777 ". $4,776.300$
Randlett, 110 ft . N. of bridge over Uinta River, in fence line on E.side of rd.; standard iron post with bronze cap stamped " 4799 "...4, 798. 127
Uinta River, at point 40 ft . E. of bridge at Randlett; surface of waterat $3: 15 \mathrm{p} . \mathrm{m}$. Sept. 19, $1913{ }^{\text {of }}$4, 792.3

[^75]Randlett, $1: 0 \mathrm{mi}$. NW. of, 0.8 mi . NW. of church, 30 ft . N. of rd., 150 ..... Feet
ft. SE. of corner of fence; on rock outcrop; chiseled square ..... $4,838.59$
Randlett, 2.6 mi . NW. of, 30 ft . N. of rd., $1,000 \mathrm{ft}$. NW. of dwelling, on $3-\mathrm{ft}$. boulder; chiseled square ..... 4, 933.77
Fort Duchesne, 2.0 mi . S. of, in sec. 26, T. 2 S., R. 18 E., 700 ft . S. of bridge over irrigation ditch, 20 ft . E. of rd., in $5-\mathrm{ft}$. boulder; standard tablet stamped " 4931 " ..... 4, 930.114
Fort Duchesne, 1.0 mi . SE. of, 0.6 mi . S. of bridge over Uinta River, 20 ft . E. of rd., on rock outcrop; chiseled square ..... 4,960. 29
Uinta River, at Fort Duchesne, under bridge; surface of water at 12:30p. m. Oct. 12, 19134, 962.6
Fort Duchesne, 100 ft . N. of bridge over Uinta River, 40 ft . W. of river; standard iron post with bronże cap stamped " 4971 " ..... 4, 970.293
Fort Duchesne, 10.9 ft . S. of SE. corner of quartermaster's office, $17: 5$
ft . W. of gate, in sandstone; aluminum tablet restamped "4991". ..... 4, 989.561
From Vernal along roads generally southwest by way of Taft to Leeton, thence southeast to Fort Duchesne (by E. C. Burt in 1913)
Vernal, 3.5 mi . W. of, in sec. 17, T. 4 S., R. 21 E., 20 ft . W. of cross- roads, on N. side of rd., in 18 -in. tree; spike ..... 5, 539. 12
T. 4 S., R. 21 E., secs. 18 and 19, at rd. angle; top of quarter corner stone ..... $5,695.20$
Vernal, about $4 \mathrm{mi} . \mathrm{W}$. of, in sec. 24, T. 4 S., R. 20 E., 750 ft . S. of junction of rd. to Cottonwood Spring, 300 ft . E. of rd., on hillside, in rock ledge; standard tablet stamped " 5842 " ..... 5, 840. 413
T. 4 S., R. 20 E., secs. $23,24,25$, and 26 ; top of section corner stone_ ..... 5, 910.39
Vernal, about 7 mi . SW. of, 110 ft . N. of rd., 0.7 mi . NE. of crossroad to oil wells, on rock; chiseled cross ..... $5,848.48$
Vernal, about $8 \mathrm{mi} . \mathrm{SW}$. of, in sec. 34, T. 4 S., R. $20 \mathrm{E} ., 0.3 \mathrm{mi} . \mathrm{NW}$. of crossroad to oil wells, on E. side of rd., at horseshoe curve in rd. into canyon, in rock ledge; standard tablet stamped " 5837 " ..... 5, 835. 860
Vernal, 8.7 mi . SW. of, 8.8 mi . NE. of Taft, on S. side of rd. at W. edge of canyon, on rock ledge; chiseled square ..... $5,744.59$
Taft, 8.0 mi . NE. of, 1.1 mi . E. of second large bench, 400 ft . E. of small bridge over dry wash, 2 ft . N. of rd., in small rock ledge; standard tablet stamped " 5618 " ..... 5, 616. 653
Reference mark, near tablet, on same ledge; chiseled mark ..... $5,616.65$
Taft, 7.9 mi . NE. of, 150 ft . NW. of small bridge over dry wash, 100 ft. N. of rd., on rock; chiseled circle ..... $5,610.83$
Taft, 7.4 mi . NE. of, on rise 0.5 mi . E. of second large bench, on N. side of rd., on rock; chiseled square ..... $5,617.87$
Taft, 6.9 mi . NE. of, at base of E. side of large bench, 200 ft . SW. of rd. junction, 300 ft . W. of dry wash, 2 ft . E. of rd., on rock; chiseled square ..... 5, 569. 43
Taft, 6.7 mi . NE. of, 200 ft . E. of E. edge of bench, 6 ft . N. of rd., on rock; chiseled square ..... $5,671.75$
Taft, 5.9 mi . NE. of, on $W$. edge of bench, 20 ft . N. of rd., on rock; chiseled square ..... $5,805.31$
Taft, 5.7 mi . NE. of, on S. side of rd., on slope of W. side of bench, in rock ledge; standard tablet stamped " 5701 " ..... $5,700.488$
Taft, 5.7 mi . NE. of, on S. side of rd., on slope of W. side of bench, on rock ledge; chiseled square ..... 5, 703. 75
Taft, 5.4 mi. NE. of, at S $1 / 4$ cor. sec. 31, T. 4 S., R. 20 E., 200 ft. NW. of rd. fork, on quarter corner stone; chiseled square ..... 5, 642.03

Taft, 4.1 mi . NE. of, 200 ft . E. of top of second ridge E. of main bench, 30 ft . S. of rd., on 2 -ft. boulder; chiseled square-----------
$5,663.25$
Taft, 3.4 mi . NE. of, at point where rd. crosses first ridge E. of main bench, on rock; chiseled square
$5,707.29$
Taft, 2.7 mi . NE. of, in sec. 2, T. 5 S., R. 2 E., 500 ft . N. of point where rd. crosses E. edge of bench, on $\mathbf{W}$. side of rd., in $4-\mathrm{ft}$. boulder; standard tablet stamped " 5769 "

5, 768. 541
Taft, 2.3 mi . NE. of, 40 ft . NE. of rd. fork, on bench, on rock set in place; chiseled square

5, 798.68
Taft, 1.6 mi . NE. of, 40 ft . NE. of junction of Deep Creek rd., at foot of bench, 0.3 mi . NE. of dwelling, on rock set in place; chiseled square
$5,654.73$
Taft, 100 ft . E. of post office, 60 ft . E. of irrigation ditch, on S. side of rd.; standard íron post with bronze cap stamped " 5489 "

5, 488. 025
Deep Creek, at ridge 0.7 mi . by rd. W. of Taft; surface of water at 10 a. m. Oct. 19, 1913

5, 426. 2
Taft, 2.4 mi . W. of, 0.2 mi . E: of junction of Fort Duchesne rd., 10 ft . N. of rd., in rock outcrop; standard tablet stamped " 5422 ".-

5, 420. 692
Uinta River, 5.1 mi . W. of Taft, at bridge over main channel; surface of water at $1 \mathrm{p} . \mathrm{m}$. Oct. 4, 1913
$5,443.0$
Taft, 6.1 mi . W. of, 100 ft . NW. of intersection of Fort DuchesneWhiterocks rd., 300 ft . E. of small bridge over W. channel of Uinta River; standard iron post with bronze cap stamped " 5486 "5, 485. 164
Fort Duchesne, 8.0 mi . NW. of, 30 ft . SW . of junction of Whiterocks rd., on rock set in place; chiseled square
$5,483.08$
Fort Duchesne, 6.8 mi . NW. of, in sec. 20, T. $1 \mathrm{~S} .$, R. 1 E., 1.2 mi . S. of Taft rd., on W. side of rd., in rock ledge; standard tablet stamped " 5400 "

5, 399. 430
Fort Duchesne, 3.6 mi . NW. of, 15 ft . W. of Whiterocks rd., 100 ft . S. of rd. fork, on rock set in place; chiseled square $5,164.80$
Fort Duchesne, 3.0 mi . N. of, N. of center of sec. 10, T. 2 S., R. 1 E., 200 ft . SE. of dwelling, 50 ft . S. of corner of fence; standard iron post with bronze cap stamped " 5130 "

5, 128. 861
From Fort Duchesne southwest 9.5 miles along road into Duchesne quadrangle (by G. W. Moore in 1934)
Fort Duchesne, $16 \mathrm{ft} . \mathrm{N}$. and 13 ft . W. from gate, in sandstone; standard tablet stamped "M 21934 4989" 96

4, 989.376
Reference mark, 110 ft . W. of tablet, 12 ft . N. of fence, in root on NW. side of $20-\mathrm{in}$. cottonwood tree; copper nail and washer 4, 990.33
Fort Duchesne, 1.0 mi . SW. of, 53 ft . S. of rd., at S . side of old rd., at NW. end of rock outcrop; chiseled square
$5,033.36$
Fort Duchesne, 2.1 mi . SW. of, at top of ridge, 130 ft . E. of crossroads, 12 ft . N. of private rd., in rock outcrop; standard tablet stamped "M 31934 5126"
$5,126.652$
Reference mark, $105 \mathrm{ft} . \mathrm{SW}$. of tablet, 40 ft . SE. of crossroads, on rock outcrop; chiseled square
$5,126.76$
Fort Duchesne, 2.7 mi . SW. of; floor of wooden bridge over creek_.- 5, 013.76
Fort Duchesne, 3.2 mi . SW. of, 400 ft . SW. of sharp curve in rd., 40 ft. E. of rd., on top of rock ridge, on rock outcrop; chiseled square_- $5,000.41$

[^76]Fort Duchesne, 4.0 mi . SW. of, 250 ft . N. of dwelling, 45 ft . E. of rd., ..... Feet
in boulder; standard tablet stamped "M 419344950 " ..... 4, 949. 901
Reference mark, 45 ft . E. of tablet, on boulder; chiseled square ..... 4; 951. 96
Fort Duchesne, 4.8 mi . SW. of ; floor of bridge over irrigation ditch_ ..... 4, 927.0Fort Duchesne, 5.0 mi . SW. of, 40 ft . N. and 50 ft . E. from junctionof T-rd. W., 18 ft . SW. of large dwelling, in root on NW . side of33-in. cottonwood tree; copper nail and washer$4,935.15$
Fort Duchesne, 6.0 mi . SW . of, 30 ft . S . of rd., 32 ft . W. of corner offence, in concrete post; standard tablet stamped "M5 1934 4957".' 4, 957. 672
Reference mark, 93 ft . NE. of tablet, 42 ft . N. of rd.; in E. side of irri-gation gate; copper nail and washer4, 956: 33
Fort Duchesne, 8.2 mi . SW. of, $35 \mathrm{ft} . \mathrm{S}$ : and 60 ft . W. from junctionof T-rd. E., in concrete post; standard tablet stamped "M 619345019"5, 019. 745
From Vernal southwest on J. S. Highway 40 and . Ouray road 7.8 miles (by G. W. Moore in 1934)
Vernal, in SE. corner of Uintah county courthouse grounds, 10 ft . N. of sidewalk, on W. side of alley, in concrete post; standard tablet designated "U. S. Geological Survey meridian mark" (recovered by U. S. C. \& G. S. in 1933) ..... $5 ; 315.281$
Reference mark, 83 ft . SW. of tablet, 43 ft . N. of highway, in root on S. side of $25-\mathrm{in}$. cottonwood tree; copper nail and washer ..... 5, 316. 43
U. S. C. \& G. S. standard disk stamped "T 27 1933" ..... $5,335.649$
Reference mark, 38 ft . SW. of disk, on S: curb parallel with E. edge of N.-S. sidewalk; chiseled square ..... 5, 332. 67
Vernal, 0.5 mi . W. of statue corner, in NW. angle of crossroads, in S . side of braced power line pole; iron spike ${ }^{07}$ ..... $5,361.36$
Vernal, 0.5 mi . W., thence 0.5 mi . S. from, 25 ft . S. and 20 ft . W. from crossroads, on N . end of W . head wall of large masonry culvert over ditch; chiseled square (recovered by U. S. C. \& G. S. in 1934) ..... 5, 349. 704
Vernal, $0.5 \mathrm{mi} . W$., thence $1.4 \mathrm{mi} . \mathrm{S}$. from, $200 \mathrm{ft} . \mathrm{N}$. and $14 \mathrm{ft} . \mathrm{W}$.from crossroads, on NW. corner of $W$. head wall of masonry cul-vert; chiseled square (recovered by U. S. C. \& G. S. in 1934)5, 360: 862
Vernal, 2.5 mi . SW . of; floor of bridge over irrigation ditch ..... $5,403.7$
Vernal, 3.0 mi . SW. of, 17 ft . N. and 30 ft . E. from crossroads, in W.end of N . head wall of large masonry culvert; standard tablet"M 119345450 " (recovered by U. S. C. \& G. S. in 1934)$5,449.641$
Reference mark, 87 ft . W. of tablet, on N . head wall of small masonry culvert; chiseled square ..... $5,450.68$
Vernal, 3.9 mi . SW . of, 30 ft . S. and 90 ft . E. from rd. fork, in rooton NW. side of 34-in. cottonwood tree; copper nail and washer..5, 563. 414
Vernal, 4.0 mi . SW. of, at rd. fork; floor of bridge ..... $5,592.5$
Vernal, 5.0 mi . SW. of, on S. slope near foot of hill, on S. end of W.head wall of masonry culvert; chiseled square (recovered by U. S.C. \& G. S. in 1934)5, 662. 252
Vernal, 5.4 mi . SW. of, at top of divide between Ashley Valley andHalfway Hollow, 14 ft . NE. of highway, on sandstone ledge; chis-eled square5, 776. 40
Vernal, 5.4 mi . SW. of, 21 ft : NE. of old rd., 175 ft . E. of highway sta.$3032+$ SO, in boulder; standard tablet stamped "M 571934 5775" - 5, 775. 077
Vernal, 6.4 mi . SW. of, on hillside, at first drain S . of summit, 55 ft .W. of rd., on boulder; chiseled square5, 604. 48

[^77]Vernal, 7.4 mi . SW. of, 0.2 mi . E. of highway, 25 ft . N. and 18 ft . E. ..... Feet from crossroads; top of iron rod ..... 5, 442.53
Vernal, 8.0 mi . SW. of, 0.5 mi . S. of crossroads, 75 ft . W. of Ouray rd., near SE. end of rock outcrop, on boulder; chiseled square ${ }^{98}$ ..... $5,426.34$From point 3.9 miles south of Roosevelt along road northwest into Duchesnequadrangle (by G. W. Moore in 1934)
Roosevelt, 3.9 mi . S. of post office, 45 ft . S. and 9 ft . W. from junc- tion of T-rd. W., at SW. corner of bridge over irrigation ditch, in pile; copper nail and washer ..... 4, 983.84
Roosevelt, 2.8 mi . S. of, 180 ft . E. of rd., 440 ft . SE. of junction ofprivate rd. W., on S. side of ridge, in rock outcrop; standard tabletstamped "M 201934 5066"5, 066. 120
Reference mark, 110 ft . SW. of tablet, 75 ft . E. of rd., 865 ft . SE. of main rd. fork, on rock outcrop; chiseled square ..... 5, 068.81
Roosevelt, 1.9 mi . S. of, 20 ft . S. and 15 ft . W. from crossroads, on NW. corner of W. head wall of masonry culvert; chiseled square -- ..... 5, 021.87
Roosevelt, 0.9 mi . S. of, 50 ft . N. and 30 ft . W. from crossroads, in concrete post; standard tablet stamped "M 211934 5027" ..... 5, 026.899
Reference mark, 64 ft . NE. of tablet, 30 ft . E. of rd., in root on W. side of multiple poplar tree; copper nail and washer ..... 5, 026.66
Roosevelt, 0.5 mi . S. of, 100 ft . SW. of crossroads, on S. concrete head wall of culvert; chiseled square ..... $5,046.68$Roosevelt, 12 ft . S. of entrance to post office, at curb, in sidewalk;standard tablet stamped "M 2219345100 " ${ }^{90}$5, 100. 281Reference mark, 80 ft . W. of tablet, 12 ft . S. of library, at curb, onsidewalk; chiseled square5, 101. 18
From point 1.7 miles east of Neola along roads east to road intersection 2.7 miles south of Whiterocks, thence south by way of Leeton to point 1.3 miles northwest of Fort Duchesne (by G. W. Moore in 1894)

Neola, 1.7 mi . E. of, 14 ft . S. of bridge over canal No. 1, in NE. end of concrete wall of irrigation gate; standard tablet stamped "M 28 1934 5952"5, 952. 107

Neola, 2.5 mi . E. of, 35 ft . S. of rd., 5 ft . S. and 9 ft . E. from corner of fence, in NE. corner post of irrigation gate box; copper nail and washer

5, 914.92
Neola, 3.0 mi . E. of, 30 ft . S. and 115 ft . E. from crossroads, in root on NE. side of $15-\mathrm{in}$. poplar tree; copper nail and washer
$5,885.46$
Neola, 4.0 mi . E. of, 35 ft . S. and 55 ft . W. from second-class crossroad, 5 ft . S. of corner of fence, in concrete post; standard tablet stamped "M 291934 5829"

5, 829. 477
Whiterocks, 3.7 mi . S. of, 20 ft . NE. of river rd., 120 ft . SE. of junction of second-class rd. S., in concrete post;-standard tablet stamped "M 301934 5682"

5, 681.998
Whiterocks, 4.5 mi . S. of, 65 ft . N. and 17 ft . W. from curve in rd., in root on E. side of 15 -in. cottonwood tree; copper nail and washer.
$5,607.40$
Whiterocks, 5.1 mi . S. of, 100 ft . S. and 15 ft . W. from crossroads, in root on NW. side of 15 -in. cottonwood tree; copper nail and washer_- $5,575.43$
Leeton, 1.5 mi . SE. of, 7.4 mi . S. of Whiterocks, 7.0 mi NW. of Fort Duchesne, in center of abandoned rd., in root on N. side of twin poplar tree; copper nail and washer

5, 394. 69

[^78]Fort Duchesne, 6.0 mi . NW. of, 18 ft . S. of jog in rd., in base on W. ..... Feetside of 6 -in. cottonwood tree; copper nail and washer__._......... 5, 315. 77Fort Duchesne, 5.2 mi . NW. of, 40 ft . W. of rd., 40 ft . S. of junctionof $\operatorname{dim}$ T-rd. W., 5 ft . S. and 15 ft . E. from corner fence post, onboulder; chiseled square5, 269. 14Fort Duchesne, 4.4 mi . NW. of, 185 ft . N. of rḍ. fork, 155 ft . N. ofditch, 65 ft . W. of rd., 90 ft . N. and 2 ft . E. from corner of fence,in concrete post; standard tablet stamped "M 581934 5214"....-5, 214. 761
Reference mark, 100 ft . S . of tablet, 10 ft . S . of corner fence post,on boulder; chiseled square5, 213. 51
Fort Duchesne, 1.3 mi . NW. of, on U. S. Highway 40, 15 ft . S. and 35ft. W. from junction of T-rd. N., in S. concrete head wall of culvert;standard tablet stamped "M 591934 5050" (recovered by U. S. C.\& G. S. in 1934)5, 050. 203
WELLINGTON QUADRANGLE
[Latitude $39^{\circ} 30^{\prime}-39^{\circ} 45^{\prime}$; longitude $110^{\circ} 30^{\prime}-110^{\circ} 45^{\prime}$ ]
CARBON COUNTY
From Castlegate quadrangle southeast along Sunnyside branch of DenverRio Grande Western Railroad into Mounds quadrangle (by L. F. Biggsin 1910; leveled twice)
Wellington, 1.5 mi . SE. of, 3.3 mi . NW. of Farnham, at SE. corner of steel bridge, on stone abutment; aluminum tablet stamped errone- ously " 5459 39" ..... $5,361.486$
Farnham, opposite sta., 10 ft . E. of telephone pole, on E. side of right- of-way, in sandstone boulder buried flush with ground; aluminum tablet stamped " 5315 40" ..... 5, 317. 633
From Mounds quadrangle north and east along Denver \& Rio Grande Western Railroad into Sunnyside quadrangle (by L. F. Biggs in 1910; single un- checked spur line)
Mounds, 8.0 mi . NE. of, 7.0 mi . W. of Sunnyside, 200 ft . E. of mile- post 8 , on S . side of right-of-way, in sandstone boulder; aluminum tablet stamped " 5695 " ..... $5,698.453$
Sunnyside, 6.0 mi . W. of. on summit of small butte, 6 ft . S. of tri- angulation sta., on boulder; chiseled mark ..... $5,814.91$
From Wellington north along road 4 miles, thence northeast by way of Ed- wards ranch to point 2.2 miles northeast of Soldier station, thence north- west into Ninemile Creek quadrangle (by L. B. Glasgow in 1012) ${ }^{1}$
Wellington, 5.0 mi . N: of, 100 ft . S. of junction of Price-Whitmore Park rd., 15 ft . E. of telephone pole; standard iron post with bronze cap stamped "5796 CS" ..... 5, 796. 235
Coal Creek camp, 50 ft . S. of, 100 ft . E. of rd., 50 ft . N. of telephone pole; standard iron post with bronze cap stamped " 5739 CS" ..... 5, 739. 267
Edwards ranch, 40 ft . N . of old log house on W. side of rd.; standard iron post with bronze cap stamped " 6254 CS" ..... $6,254.397$
Edwards ranch, 3.2 mi . NE. of, 0.7 mi . N. of Soldier sta., on W. side of rd., in rock; chiseled square ..... $6,895.22$
Soldier sta., 2.2 mi . N. of, 250 ft . N. of rd. fork at P. V. bridge; stand-ard iron post with bronze cap stamped "7116 CS"7, 116. 560
Soldier sta., 2.2 mi . N., thence 1.2 mi . NW. from, at junction of T-rd.E., on rock; chiseled triangle7, 306. 80

[^79]
# WESTWATER QUADRANGLE : 

[Latitude $39^{\circ} 00^{\prime}-39^{\circ} 30^{\prime}$; longitude $109^{\circ} 00^{\prime}-109^{\circ} 30^{\prime}$ ]
GRAND COUNTY

## From Mount Waas quadrangle northeast along Denver \& Rio Grande Western Railroad to Utah-Colorado State line (by L. F. Biggs.in 1910; leveled twice)

Marrs, 250 ft . E. of sta. sign, 6 ft . S. of second telephone pole, on S .

- side of right-of-way; standard iron post with bronze cap stamped Feet "4349 69"
$4,347.441$
Cottonwood, $1,000 \mathrm{ft}$. E. of sta., at S. end of cut, 10 ft . N. of track, in sandstone boulder; standard tablet stạamped "4548 70".-........-- 4, 549. 101
Westwater, 25 ft . N. of sta., between sta. and tracks; standard iron post with bronze c̣ap stamped "4320 71" (recovered by U. S. C. \& G. S. in 1927)

4, 320. 313
Utaline, $20 \cdot \mathrm{ft}$. N. of sta. sign, on Utah-Colorado State line, in sandstone ledge; standard tablet stamped " 4353 72"

4, 354. 700
.......... ... ... ... WHitTE CANYON QUADRANGLE
[Latitude $37^{\circ} 30^{\prime}-38^{\circ} 00^{\prime}$; longitude $110^{\circ} 00^{\prime}-110^{\circ} 30^{\prime}$ ]
SAN JUAN AND GARFIELD COUNTIES

From Elk Ridge quadrangle along State Highway 95 northwest to Edwin Natural Bridge (by E. H. Larson in 1934; double-run spur line)

Edwin Natural Bridge, 1.1 mi . SE. of, 25 ft . E. of highway, in W. side near base of 18 -in. juniper tree; copper nail and washer--------6, 214. 78
Edwin Natural Bridge, S. of and across gulch from, 10 ft . E. of trail, in sandstone outcrop; standard tablet stamped "6023 EL 44 1934"- 6, 021.575
Reference mark, 66 ft . SSE. of tablet, on sandstone outcrop; chiseled square

6, 022.59
WILSONVILLE QUADRANGLE
[Latitude $39^{\circ} 00^{\prime}-39^{\circ} 15^{\prime}$; longitude $110^{\circ} 45^{\prime}-111^{\circ} 00^{\prime}$ ]
EMERY COUNTY
From Poison Spring quadrangle southwest along State Highway 10 into Castle Dale quadrangle (by C. H. Williams in 1923; leveled twice) |

Castle Dale, about 3 mi . NE. of, 100 ft . N. of junction of highway with rd. W. to Orangeville, in W. end of concrete culvert; standard tablet stamped " 5711 ".

[^80]
## SUPPLEMENTAL ELEVATIONS

The table below shows altitudes of well-known features in Utah, such as summits, water surfaces, and tops of rails at railroad stations, as assembled from the topographic maps of the Geological Survey and from other sources. ${ }^{3}$ These altitudes, with the exception of a few which were determined by spirit leveling along railroads, were obtained by barometric and vertical-angle measurements. The figures given are in accord with the latest information, but they are only approximate and should not be used for accurate work.

## Supplemental elevations in Utah



[^81]Supplemental elevations in Utah-Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Baldy Peak | Beaver | 12, 000 |
| Bare Brush $\triangle$ | Sanpete | 10, 200 |
| Barry, U. P. R. R | Utah. | 4, 771 |
| Baskin, U. P. R. R | Summit | 5, 714 |
| Bear Mountain. | Daggett | 7, 674 |
| Bear River, U. P. R. R | Box Elder | 4, 500 |
| Bear Valley Peak...-. | Iron. | 10, 500 |
| Bears Ears Buttes, Bears Ears $\triangle$ | San Juan | 9, 059 |
| Beaver Mountain...-----.-..... | Cache | 8, 845 |
| Becks, U. P. R. R | Salt Lake | 4, 222 |
| Bee Hives, The... | San Juan. | 6, 420 |
| Beehives, The | Washington | 6, 825 |
| Beirdneau Peak | Cache---. | 8, 912 |
| Belknap, D. \& R. G. W. R. R | Sevier----- | 5, 819 |
| Belknap Peak, Tushar © (U. S. C. \& G. S.). | Beaver-Piute. | 12, 132 |
| Belmont (Riverside), U. P. R. R | Box Elder | 4,399 |
| Benjamin, U. P. R. R | Utah. | 4,546 |
| Beppo, S. P. Co | Box Elder | 4, 223 |
| Bergeson Hill, Bergeson | Cache | 5, 965 |
| Beryl, U. P. R. R | Iron- | 5, 155 |
| Big Mountain. | Salt Lake-Mo | 8, 263 |
| Big Piney Mountain | Summit.- | 8, 700 |
| Bingham, D. \& R. G. W. R. R $\ldots$ | Salt Lake. | 5, 862 |
| Bingham Junction, D. \& R. G. W. R. R. | Salt Lake. | 4,365 |
| Bishopric, The | Washington | 7, 327 |
| Black Mesa Butte ${ }^{\text {S }}$ | San Juan.. | 6, 015 |
| Black Mountain, Lakeview © | Rich. | 7,696 |
| Black Rock, U. P. R. R. | Millard | 4, 852 |
| Blacktail Mountain | Duchesne | 10, 000 |
| Blood Mountain | Tooele | 6, 631 |
| Blue Creek, S. P. Co | Box Elder | 4, 271 |
| Boat Mountain | Garfield | 8, 073 |
| Bonneville, S. P. Co | Box Elder | 4, 245 |
| Bony Bench - | Emery | 6, 674 |
| Borden, U. P. R. R | Millard | 4, 718 |
| Boulter, U. P. R. R | Juab | 6, 033 |
| Bovine, S. P. Co......-n | Box Elder | 4, 349 |
| Brendel (Crescent), D. \& R. G. W. R. R. | Grand. | 4,908 |
| Brian Head, Brian $\triangle$ (U. S. C. \& G. S.). | Iron. | 11, 299 |
| Bridge Junction, U. P. R. R.- | Weber. | 4, 314 |
| Bridge Mountain_ | Washington | 6, 814 |
| Brigham $\triangle$ | Box Elder. | 4, 350 |
| Brighton $\triangle$ | Salt Lake | 10, 472 |
| Brim, U. P. R. R | Summit | 5, 539 |
| Brown Peak, Indianola $\triangle$ | Sanpete | 8, 780 |
| Bruin Point, Bruin $\triangle$ | Carbon- | 10, 285 |
| Bryce Point, Bryce $\triangle$ | Garfield | 8, 294 |
| Buckhorn Knoll | Wasatch | 9, 155 |
| Buckhorn Mountain | Juab-Utah_ | 7, 852 |
| Burger © (U. S. C. \& G. S.) | Washington | 10,325 |
| Burriston, U. P. R. R---- | Juab | 4, 929 |
| Burton, U. P. R. R. | Salt Lake | 4, 237 |
| Butterfield Peaks. | Salt Lake-Uta | 9, 303 |
| Calls Fort, U. P. R. R | Box Elder | 4,245 |
| Candland Mountain. | Emery | 10, 330 |
| Cap, The | Emery | 9, 610 |

Supplemental elevations in Utah-Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Caryhurst, D. \& R. G. W. R. R | Utah | 4, 802 |
| Castilla, D. \& R. G. W. R. R | Utah | 4, 912 |
| Castle Dome | Washington | 6, 960 |
| Castle Peak, Pariette $\triangle$ | Duchesne. | 5, 305 |
| Castle Rock, U. P. R. R | Summit | 6, 224 |
| Cathedral Butte | San Juan | 7, 908 |
| Cedar, D. \& R. G. W. R. R | Emery | 5, 180 |
| Cedar Cliffs, D. \& R. G. W. R. R ${ }_{\text {- }}$ | Sanpete | 5, 816 |
| Centerville, U. P. R. R----------- | Davis. | 4, 246 |
| Central, D. \& R. G. W. R. R | Sevier | 5, 330 |
| Champlin, U. P. R. R | Juab | 4,954 |
| Charleston, D. \& R. G. W. R. R | Wasatch | 5, 433 |
| Chester, D. \& R. G. W. R. R | Sanpete | 5, 460 |
| Christianburg, D. \& R. G. W. R. R-- | Sanpete | 5, 252 |
| Circleville Mountain $\triangle$ (U.S. Forest, Service). | Beaver-Piute | 11, 276 |
| City Creek Peak $\triangle$ (U. S. Forest Service). | Beaver-Piute_ | 11, 161 |
| Clayton Peak_ | Wasatch | 12, 004 |
| Clayton Peak $\triangle$--------------- | Salt Lake-Was | 10, 728 |
| Clear Creek Mountain, Clear Creek $\triangle$ - | Kane_ | 8, 087 |
| Clear Lake, U. P. R. R ---.------- | Millard | 4,593 |
| Clearcreek, D. \& R. G. W. R. R---- | Carbon | 8, 230 |
| Clearfield, D. \& R. G. W. R. R---- | Davis | 4, 451 |
| Clearficld, U. P. R. R-----------1 | Davis. | 4, 485 |
| Cliff, D. \& R. G. W. R. R | Emery | 4,850 |
| Cline, U. P. R. R | Millard_ | 4, 781 |
| Clipper Peak, Markham $\triangle$ - $-\ldots-{ }^{\text {c- }}$ | Salt Lake-Tooe | 9, 207 |
| Clive, W. P. R. R | Tooele | 4, 285 |
| Colin, S. P. Co | Box Elder | 4, 217 |
| Collinston, U. P. R. R | Box Elder | 4, 417 |
| Colton, D. \& R. G. W. R. R | Utah- | 7, 170 |
| Cone $\triangle$ (U.S. C. \& G. S.) | Uintah | 5, 323 |
| Copperton, D. \& R. G. W. R. R | Salt Lake | 5, 643 |
| Corinne Junction, U. P. R. R- | Box Elder | 4, 225 |
| Cornish, U. P. R. R. | Cache | 4,521 |
| Corral Knoll. | Sevier | 8, 677 |
| Cottonwood $\triangle$ | Salt Lake | 5, 148 |
| Cove Knoll. | Washington | 6, 518 |
| Crater Hill | Washington | 5, 207 |
| Crawford Mountain, Rex $\triangle$ | Rich. | 7, 993 |
| Cruz, U. P. R. R | Millard | 4, 876 |
| Cuprum, D. \& R. G. W. R. R....- | Salt Lake | 6, 313 |
| Currant Peak, Currant Creek Peak $\triangle$ | Wasatch | 10,584 |
| Curvo, U. P. R. R- | Summit | 6,561 |
| Cutler, U. P. R. R | Utah | 4,383 |
| Dakota Hill | Washington | 6, 661 |
| Dale, D. \& R. G. W. R. R | Salt Lake. | 5, 350 |
| Dalton, D. \& R. G. W. R. R | Salt Lake | 5, 115 |
| Deadman Mountain | Summit | 10, 800 |
| Deer Mountain | Kane | 7, 830 |
| Deertrap Mountain | Washington | 6, 882 |
| Delano Peak | Beaver-Piute | 12, 240 |
|  | Tooele--- | 5, 374 |
|  | Washington | $6,697$ |
| Deseret $\triangle$ (U. S. C. \& G. S.) | Tooele_ - | 11, 031 |
| Devils Castle | Salt Lake-Utah | 10, 992 |
| Devils Slide, U. P. R. R | Morgan. | 5, 229 |
| Dewey, U. P. R. R | Box Elder | 4,324 |
| Divide, D. \& R. G. W. R. R | Sanpete | 6, 300 |
| Draper, U. P. R. R_ | Salt Lake. | 4,505 |

Supplemental elevations in Utah-Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Draper $\triangle$ (U. S. C. \& G. S.) | Salt Lake-Utah | 9, 318 |
| Dromedary Peak. | Salt Lake | 11, 103 |
| Dry Mesa - $^{\text {- }}$ | San Juan. | 8, 838 |
| Dubuous $\triangle$ | Carbon | 5, 957 |
| Duncan Mountain | Sevier | 9, 264 |
| Dutch Mountain | Tooele | 7, 735 |
| Dutchman Peak | Utah | 10, 266 |
|  | Juab | 5, 085 |
| Eagle Crags | Washington | 6, 394 |
| East Mountain | Emery | 10, 730 |
| East Temple, The | Washington | 7, 110 |
| Echo, U. P. R. R | Summit. | 5, 460 |
| Edwards, U. P. R. R | Millard | 4, 788 |
| Elberta, D. \& R. G. W. R. R......- | Utah.- | 4, 659 |
| Elbow, The | Carbon | 9, 555 |
| Elgin, D. \& R. G. W. R. R | Grand | 4, 064 |
| Elizabeth Mountain $\triangle$ - | Summit | 10, 353 |
| Elsinore, D. \& R. G. W. R. R | Sevier | 5, 322 |
| Elwood, U. P. R. R | Box Elder | 4, 285 |
| Emory, U. P. R. R | Summit | 5, 912 |
| Enterprise, D. \& R. G. W. R. R | Davis_ | 4, 270 |
| Ephraim, D. \& R. G. W. R. R_---- | Sanpete | 5, 514 |
| Ephraim $\triangle$ | Juab_- | 8, 750 |
| Erda, U. P. R. R | Tooele | 4, 543 |
| Eureka Peak A $^{\text {- }}$ | Juab | 7, 909 |
| Eureka $\triangle$, Mammoth Peak.-.------ | Tooele | 8, 104 |
| Evans, U. P. R. R | Box Elder | 4, 255 |
| Evona, U. P. R. R | Weber | 4, 325 |
| Fairmont, D. \& R. G. W. R. R..... | Sevier | 5, 253 |
| Fairview, D. \& R. G. W. R. R_, | Sanpete | 6, 023 |
| Farmington, U. P. R. R | Davis. | 4, 256 |
| Faust, U. P. R. R | Tooele | 5, 255 |
| Fayette $\mathrm{S}^{\text {- }}$------ | Sanpete | 6, 000 |
| Fielding Station, U. P. R. R | Box Elder- | 4, 387 |
| Firepit Knoll. | Washington | 7, 274 |
| Fish Springs Range--------- | Juab | 8, 507 |
| Five Points Junction, U. P. R. R---- | Weber | 4, 265 |
| Flagstaff Mountain---------------1 | Salt Lake. | 10, 322 |
| Flagstaff Mountain | Salt Lake-Wasa | 9, 206 |
| Flagstaff A $^{\text {(U.S. Forest Service) }}$---- | Emery -- | 10, 213 |
| Flat Top Butte, Flat Top © | Duchesne | 6, 102 |
| Ford, U. P. R. R | Iron- | 5, 153 |
| Fountain Green, D. \& R. G. W. R. R-- | Sanpete-- | 6, 026 |
| Fowler $\triangle$---------------1 | Salt Lake | 9, 303 |
| Freedom, D. \& R. G. W. R. R_..--- | Sanpete | 5, 713 |
| Frisco $\triangle$, Quartizite Hill.-...-.-.-.-- | Beaver | 9, 648 |
| Garfield, U. P. R. R | Salt Lake. | 4, 227 |
| Garland, U. P. R. R | Box Elder | 4, 340 |
| Gartney, S. P. Co- | Box Elder | 4,609 |
| Gateway, U. P. R. R--- | Morgan | 4, 809 |
| General Land Office No. $2 \Delta$, Uịnta base line. | Duchesne | 6,678 |
| Geneva, D. \& R. G. W. R. R_, | Utah. | 4, 502 |
| Gentry Mountain_ | Emery | 10, 101 |
| Gentry Ridge. | Emery | 9, 756 |
| Gilbert Peak ${ }^{\text {a }}$ | Duchesne-Summ | 13, 422 |
| Gogorza, D. \& R. G. W. R. R | Summit | 6, 328 |
| Gold Hill. | Tooele. | 5, 901 |
| Goose Creek Knoll. | Washington | 7,667 |

Supplemental elevations in Utah-Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Gooseberry, D. \& R. G. W. R. R | Sevier | 5, 710 |
| Goshen, D. \& R. G. W. R. R. | Utah | 4,531 |
| Grampian Hill------------- | Beaver | 7, 400 |
| Grandad Peak | Sevier | 7, 854 |
| Granger Mountain | Utah | 8, 313 |
| Granite Mountain | Juab | 6, 500 |
| Granite Peak © (U. S. C. \& G. S.) | Tooele | 9, 780 |
| Grass Creek Junction, U. P. R. R_- | Summit | 5, 574 |
| Grassy, D. \& R. G. W. R. R | Emery | 4, 890 |
| Gravel Pit, U. P. R. R | Box Elder | 4, 491 |
| Graves $\mathrm{C}_{\text {- }}$----... | Carbon. | 8, 790 |
| Gray Head | Wasatch | 9, 250 |
| Great White Throne, The | Washington | 6, 744 |
| Green River, D. \& R. G. W. R. R -- | Emery -- | 4, 080 |
| Grey Head $\triangle$ | Duchesne | 9,531 |
| Groome, S. P. Co | Box Elder | 4, 221 |
| Grove, D. \& R. G. W. R. R | Sanpete | 5, 162 |
| Grundy, D. \& R. G. W. R. R | Utah | 4, 516 |
| Gunnison, D. \& R. G. W. R. R...-- | Sanpete | 5, 215 |
| Gunnison Butte $\ldots-\ldots-\ldots-1$ | Carbon | 5, 250 |
| Gunnison Peak, Monroe $2 \triangle$ (U. S. C. \& G. S.). | Sevier | 11, 216 |
| Hale, D. \& R. G. W. R. R | Carbon | 7, 570 |
| Halfway $\triangle$------------------------ | Uintah | 5,543 |
| Harris $\triangle$ - | Tooele | 4, 221 |
|  | Weber | 4, 297 |
| Hatchs, U. P. R. R | Davis_ | 4, 280 |
| Hawkins Peak, Hawkins $\triangle$ (U. S. C. \& G. S.). | Washington | 7, 500 |
| Hayden Peak | Summit | 12, 473 |
| Haystack Mountain | Carbon | 8, 833 |
| Haystack Peak | Juab | 12, 101 |
| Heber, D. \& R. G. W. R. R | Wasatch | 5,564 |
|  | Wasatch | 10, 275 |
| Heliotrope Mountain, Wasatch $2 \Delta$ (U. S. C. \& G. S.). | Sanpete | 11, 132 |
| Helper, D. \& R: G. W. R. R_,..... | Carbon | 5, 840 |
| Henefer, U. P. R. R | Summit | 5, 335 |
| Herriman $\triangle$, Lowe Peak (U. S. C. \& G. S.). | Tooele-Utah | 10,584 |
| Hickory, U. P. R. R--n-m | Beaver | 5, 252 |
| Hill Top, D. \& R. G. W. R. R....- | Sanpet | 6, 430 |
| Hills, U. P. R. R | Cache. | 4, 501 |
| Hillside, D. \& R. G. W. R. R | Utah. | 5, 052 |
| Hogup, S. P. Co. | Box Elder | 4, 239 |
| Homansville, D. \& R. G. W. R. R--- | Utah | 6, 232 |
| Home Valley Knoll | Washington | 8, 182 |
| Homer Spur, U. P. R. R | Summit.- | 6, 568 |
| Honeyville, U. P. R. R | Box Elder | 4, 265 |
| Hooper, D. \& R. G. W. R. R | Weber- | 4, 436 |
| Horse Mountain $\triangle$ | San Juan | 9, 202 |
| Horsehead Peak.-.-.-.-.-.-.-.-...- | San Juan. | 11, 212 |
| Hot Springs, D. \& R. G. W. R. R--- | Salt Lake. | 4, 219 |
| Hot Springs, U. P. R. R .-.......... | Box Elder. | 4, 274 |
| House Butte.------ | Juab | 7, 150 |
| Howell Peak | Millard | 8, 100 |
| Hoyt Peak. | Summit | 10, 237 |
| Hoytsville, U. P. R. R- | Summit | 5, 663 |
| Hunter, D. \& R. G. W. R. R | Salt Lake. | 4, 600 |
| Huslers, U. P. R. R. | Salt Lake | 4, 244 |
| Hyde Park, U. P. R. R- | Cache | 4, 448 |

Supplemental elevations in Utah-Continued


Supplemental elevations in Utah-Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Le Grand, D. \& R. G. W. R. R | Salt Lake | 4, 977 |
| Lehi, U. P. R. R | Utah | 4, 579 |
| Leidy Peak $\triangle$ | Uintah | 12, 013 |
| Leland, D. \& R. G. W. R. R | Utah | 4, 560 |
| Lemay, S. P. Co | Box Elde | 4, 220 |
| Lena $\triangle$, Mount Lena | Uintah | 9, 768 |
| Lewiston, U. P. R. R | Cache | 4, 490 |
| Lewiston Peak | Tooele-Utah | 10, 403 |
| Lime Mountain | Beaver | 7, 200 |
| Limestone $\triangle$ | Rich | 7, 325 |
| Lion Peak | Sevier | 8, 666 |
| Little Baldy | Cache | 8, 780 |
| Little Creek Peak, Little Creek $\triangle$ | Iron | 10, 010 |
| Little Mountain $\triangle$ | Uintah | 8, 622 |
| Little Nelson Mountain | Emery | 8, 603 |
| Little Water Peak | Salt Lake | 9, 608 |
| Lofgreen, U. P. R. R | Tooele | 5, 804 |
| Logan Peak $\triangle$ - | Cache | 9, 713 |
| Loline Junction, D. \& R. G. W. R. R- | Salt Lake | 4, 973 |
| Lone Hill...- | Wasatch | 8, 886 |
| Lone Peak $\triangle$ (U. S. C. \& G. S.) | Salt Lake | 11, 253 |
| Lone Tree $\triangle$ | Salt Lake | 4, 224 |
| Lookout Peak | Salt Lake | 8, 970 |
| Low, W. P. R. R | Tooele | 4, 604 |
| Lowe Peak, Herriman $\triangle$ (U. S. C. \& G. S.). | Tooele-Utah | 10,584 4.475 |
| Lund, U. P. R. R | Iron. | 5, 084 |
| Lynndyl, U. P. R. R | Millard | 4, 785 |
| McIntyre, U. P. R. R | Juab | 5,580 |
| Madsen, U. P. R. R | Box Elder | 4, 297 |
| Magna, D. \& R. G. W. R. R | Salt Lake | 4, 461 |
| Mahuston Peak $\triangle$ (U. S. Forest Service). | Piute | 9, 783 |
| Malone, U. P. R. R- | Millard | 4, 893 |
| Mammoth, U. P. R. R | Juab | 6, 026 |
| Mammoth Junction, D. \& R. G. W. R. R. | Juab | 5,993 |
| Mammoth Peak, Eureka $\triangle$ | Tooele | 8, 104 |
| Mancos Jim Butte | San Juan | 7, 137 |
| Mansard $\triangle$, Vermilion Cliff | Kane | 6, 000 |
| Manti, D. \& R. G. W. R. R | Sanpete | 5, 552 |
| Markham Peak | Salt Lake-To | 8, 699 |
| Markham $\triangle$, Clipper Peak | Salt Lake-Too | 9, 207 |
| Marsh Peak $\triangle$-..- | Uintah | 12, 219 |
| Mary's Nipple $\triangle$ (U. S. Forest Service). | Millard-Sevier | 8, 471 |
| Marysvale, D. \& R. G. W. R. R.---- | Piute | 5, 839 |
| Marysvale Peak $\triangle$ (U. S. Forest Service). | Piute-.--- | 10, 761 |
| Matlin, S. P. Co_ | Box Elder. | 4,599 |
| Meridian Tower------ | Washington | 7, 303 |
| Metropolitan, D. \& R. G. W. R. R-Middle Mountain | Summit-. | 6, <br> 7 285 |
| Midlake, S. P. Co | Box Elder | 4, 217 |
| Midvale, U. P. R. | Salt Lake | 4, 390 |
| Milburn, D. \& R. G. W. R. R | Sanpete | 6, 252 |
| Mill Fork, D. \& R. G. W. R. R | Utah. | 5, 803 |
| Mills, U. P. R. R | Juab | 4, 921 |
| Millville Peak Modena, U. P. R. R | Cache | 9,285 5,468 |

Supplemental elevations in Utah-Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Mollie ${ }^{\text {A }}$ | Kane. | 6, 500 |
| Mollie's Nipple | Utah | 7, 857 |
| Molly's Nipple | Uintah | 4, 914 |
| Mona, U. P. R. R | Juab | 4,909 |
| Monroe Peak $\triangle$ (U. S. Forest Service). | Piute | 11, 227 |
| Monroe $2 \triangle$, Gunnison Peak (U. S. C. \& G. S.). | Sevier. | 11, 216 |
| Montezuma Peak. | Tooele | 7., 369 |
| Monument, S. P. Co | Box Elder | 4, 229 |
| Monument Peak. | Carbon-Emer | 10, 443 |
| Moran, U. P. R. R | Utah. | 4,503 |
| Morgan, U. P. R. R | Morgan | 5, 068 |
| Moroni, D. \& R. G. W. R. R | Sanpete | 5, 520 |
| Morton, U. P. R. R | Cache. | 5, 179 |
| Mounds, D. \& R. G. W. R. R | Emery | 5, 442 |
| Mount Agassiz | Duchesne-Sum | 12, 433 |
| Mount Alice $\triangle$ (U. S. C. \& G. S.) | Sevier-.-- | 11, 601 |
| Mount Baldy | Salt Lake-Utah | 11, 069 |
| Mount Bartles | Carbon | 10, 047 |
| Mount Blue | Sevier | 10, 000 |
| Mount Catherine.- | Salt Lake | 9,921 |
| Mount Catherine $\triangle$ (U. S. C. \& G. S.). | Millard. | 10, 082 |
| Mount Corson | Daggett | 8, 250 |
| Mount Dutton | Garfield | 10, 800 |
| Mount Elenore | Iron- | 7, 750 |
| Mount Ellen $\triangle$ | Garfield | 11, 473 |
| Mount Ellsworth | Garfield | 8, 250 |
| Mount Emmons | Duchesne | 13, 428 |
| Mount Evergreen | Salt Lake | 9, 800 |
| Mount Gog- | Cache | 9, 700 |
| Mount Hilgard | Sevier | 11, 460 |
| Mount Hillers | Garfield | 10, 500 |
| Mount Holmes | Garfield | 8, 000 |
| Mount Joseph. | Sevier. | 8, 616 |
| Mount Kinesava | Washington | 7, 276 |
| Mount Lena, Lena © | Uintah.- | 9, 768 |
| Mount Linnaeus | San Juan. | 10, 955 |
| Mount Lovenia | Duchesne-Sum | 13, 227 |
| Mount Magog. | Cache. | 9, 756 |
| Mount Martha | Salt Lake | 9,594 |
| Mount Marvine $\triangle$, Sawtooth Mountain. | Sevier_ | 11, 599 |
| Mount Millicent | Salt Lake | 10, 452 |
| Mount Moron | Washington | 5,667 |
| Mount Nebo | Sanpete | 11, 680 |
| Mount Nebo ¢ (U. S. C. \& G. S.) --- | Juab | 11, 871 |
| Mount Peale $\triangle$ - - -------------- | San Juan | 12, 814 |
| Mount Pennell, Pennell 4 ---------- | Garfield | 11, 250 |
| Mount Pisgah.- | Box Elder-Cach | 7, 144 |
| Mount Pleasant, D. \& R. G. W. R. R- | Sanpete.--- | 5, 846 |
| Mount Spry | Washington | 5, 823 |
| Mount Terrill $\triangle$ (U. S. Forest Service). | Sevier----- | 11, 529 |
| Mount Thurber | Sevier | 10, 000 |
| Mount Tomasaki | Grand | 12, 271 |
| Mount Tukuhnikivatz | San Juan | 12, 004 |
| Mount Tuscarora | Salt Lake | 10, 650 |
| Mount Waas $\triangle^{\text {- }}$ | Grand | 12, 311 |
| Mount Watson. | Summit. | 11, 473 |

Supplemental elevations in Utah-Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Mount Wheeler | Daggett | 7, 750 |
| Mount Wolverin | Salt Lake | 10,795 |
| Mountain Lake, water surface | Salt Lake | 9, 682 |
| Mountain of Mystery.-... | Washington | 6, 545 |
| Mountain of the Sun | Washington | 6, 723 |
| Mud Canyon Butte | Garfield | 8, 330 |
| Murdock Peak..-- | Salt Lake | 9,594 |
| Murray, U. P. R. R | Salt Lake | 4, 282 |
| Musinia Peak_ | Sanpete-Sevie | 10, 988 |
| Nada, U. P. R. R | Beaver | 5, 068 |
| Naomi Peak, Naomi $\triangle$ | Cache. | 9, 980 |
| Navajo Mountain $\triangle$ (U. S. C. \& G. S.). | San Juan | 10,416 |
| Navajo Well $\triangle$, Vermilion Cliff - - | Kane | 6, 000 |
| Nebo Junction, D. \& R. G. W. R. R- | Juab | 5, 710 |
| Neels, U. P. R. R | Millard | 4, 618 |
| Nelson Mountain | Emery | 9, 061 |
| Neola $\triangle$ | Duchesne | 7, 233 |
| Nephi, U. P. R. R | Juab | 5, 114 |
| Newfoundland, S. P. Co | Box Elder | 4, 221 |
| Newhouse, U. P. R. R | Beaver | 5, 155 |
| Newton Hill | Cache | 5, 700 |
| Nibley, U. P. R. R | Utah. | 4, 942 |
| Nolan, D. \& R. G. W. R. R | Carbon | 6,650 |
| North Burro Peak, North Burro ©--- | Summit | 12, 680 |
| North Guardian Angel | Washington | 7, 408 |
| North Ogden Peak | Weber. | 9, 718 |
| North Peak | San Juan | 10, 819 |
| North Peak | Tooele. | 7, 733 |
| North Woodenshoe $\Delta$, Wooden Shoe Buttes. | San Juan | 8, 891 |
| Northgate Peaks | Washington | 7, 267 |
| Notch Peak ${ }_{\text {- }}$ | Millard_ | 9, 725 |
| Nunns, D. \& R. G. W. R. R_,..... | Utah. | 5, 061 |
| Oak Creek, D. \& R. G. W. R. R | Sanpete | 6, 188 |
| Ochre Mountain. | Tooele. | 7, 541 |
| Officer, U. P. R. R | Salt Lake | 4, 236 |
| Ogden Peak $\wedge^{\text {( }}$ (U. S. C. \& G. S.) ---- | Weber | 9, 575 |
| Old Podunk | Kane | 7, 143 |
| Old Woman Mountain | Sevier | 8, 429 |
| Olmstead, D. \& R. G. W. R. R | Utah | 4, 831 |
| Olney, S. P. Co- | Box Elder | 4, 217 |
| Ombey, S. P. Co | Box Elder | 4, 723 |
| Onaqui $\triangle$ (U.S. C. \& G. S.) | Tooele. | 9, 144 |
| Oolitic, D. \& R. G. W. R. R | Sanpete | 5,607 |
| Opal, U. P. R. R | Beaver | 4, 969 |
| Oquirrh © (U. S. C. \& G. S.) $\ldots \ldots$ | Salt Lake. | 9, 363 |
| Orejas del Oso_ | San Juan. | 9, 040 |
| Ouray $\mathrm{S}_{\text {_ }}$ | Uintah | 5, 150 |
| Packard Peak | Juab-Utah | 7, 828 |
| Pallas, U. P. R. R | Salt Lake. | 4, 303 |
| Pariette $\triangle$, Castle Peak | Duchesne | 5, 305 |
| Park City, U. P. R. R | Summit. | 6, 998 |
| Parrys Quarry, D. \& R. G. W. R. R | Sanpete | 5, 550 |
| Patmos Head © (U. S. C. \& G. S.) -- | Carbon. | 9, 841 |
| Patmos Logical $\triangle$ | Carbon. | 9, 845 |
| Paunsaugunt Plateau, Pink Cliff $\triangle$-- | Kane. | 9, 500 |
| Payson, U. P. R. R- | Utah_ | 4, 605 |
| Peak $\triangle$ - | Iron. | 6,416 |

Supplemental elevations in Utah-Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Pennell $\triangle$, Mount Pennell | Garfield | 11, 250 |
| Peplin, S. P. Co_- | Box Elder | 4, 434 |
| Perry, U. P. R. R | Box Elder | 4, 257 |
| Peterson, U. P. R. R | Morgan | 4, 887 |
| Phil Pico Mountain, Phil Pico $\triangle$ | Daggett | 9, 577 |
| Pierson $\triangle$------------------- | Carbon | 5, 904 |
| Pigeon, S. P. Co | Box Elder | 4, 379 |
| Pine Valley Peak | Washington | 7, 428 |
| Pines, D. \& R. G. W. R. R | Utah------ | 5, 533 |
| Pink Cliff ${ }^{\text {A , , Paunsaugunt Plateau.- }}$ | Kane. | 9, 500 |
| Pinyon Peak_ | Utah | 7, 702 |
| Pittsburg Lake, water surface | Utah. | 9, 425 |
| Plants, U. P. R. R---------------- | Cache | 4, 497 |
| Pleasant Grove, U. P. R. R | Utah. | 4, 557 |
| Plymouth, U. P. R. R..- | Box Elder | 4, 418 |
| Porcupine Peak | Morgan | 8, 270 |
| Porphyry $\triangle$-- | Beaver | 7, 308 |
| Portage, U. P. R. R | Box Elder | 4, 366 |
| Porter $\triangle$--- | San Juan. | 7, 200 |
| Poulson, D. \& R. G. W. R. R | Sevier. | 5, 280 |
| Price, D. \& R. G. W. R. R. | Carbon | 5, 547 |
| Promontory, S. P. Co-- | Box Elder | 4, 217 |
| Promontory Peninsula, Promontory $\triangle$ (U. S. C. \& G. S.). | Box Elder. | 6,590 |
| Providence Peak_------------ | Cache | 9, 588 |
| Provo, U. P. R. R | Utah. | 4, 519 |
| Provo Peak ${ }^{4}$ | Utah | 11, 054 |
| Pulpit, The | Washington | 6, 708 |
| Pumice, U. P. R. | Millard.. | 4, 852 |
| Pyramids, The.- | Millard | 8, 053 |
| Quartz Mountain | Daggett | 8, 000 |
| Quartzite Hill, Frisco $\triangle$---------- | Beaver. | 9, 648 |
| Quartzite Ridge.-------------------- | Juab. | 7, 350 |
| Rambo, S. P. Co | Box Elder | 4, 212 |
| Randlett $\triangle$--- | Uintah | 5, 350 |
| Rattlesnake Ridge | Sevier | 8, 390 |
| Read, U. P. R. R | Beaver | 4, 894 |
| Red Arch Mountain | Washington | 5, 924 |
|  | Emery -. - | 8, 415 |
| Red Pyramid $\triangle$ (U.S. Forest Service) ${ }^{5}$ - | Sevier- | 9, 032 |
| Red Mountain, Red $\triangle$. $\ldots \ldots \ldots$ | Uintah | 7, 776 |
| Red Spur, Red Spot $\triangle$ - | Rich | 8, 885 |
| Redmond, D. \& R. G. W. R. R | Sevier | 5, 122 |
| Rex $\triangle$, Crawford Mountain........- | Rich. | 7, 993 |
| Rheims, U. P. R. R | Utah_ | 4,514 |
| Richfield, D. \& R. G. W. R. R. | Sevier | 5, 295 |
| Richmond, U. P. R. R | Cache.-.-. | 4, 526 |
| Rim $\triangle$, Kolob Plateau- | Washington | 7, 888 |
| Rio, D. \& R. G. W. R. R | Utah | 5, 277 |
| Riverton, D. \& R. G. W. R. R | Salt Lake | 4, 408 |
| Road $\triangle$-- | Tooele. | 4, 434 |
| Roberts, U. P. R. R | Utah. | 5, 809 |
| Robinson Peak, Robinson $\triangle$ | Juab- | 6, 826 |
| Rockwood Peak --.-- | Millard | 9, 181 |
| Rocky Springs Peak | Juab | 11, 200 |
| Roosevelt $\triangle$ - | Uintah | 5, 298 |
| Roper, D. \& R. G. W. R. R- | Salt Lake. | 4, 230 |
| Round Hill-------- | Box Elder. | 6, 050 |

Supplemental elevations in Utah--Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Roy, U. P. R. R | Weber | 4,432 |
| Rozel, S. P. Co_ | Box Elder | 4,582 |
| Rush Lake, water surface. | Tooele_ | 4,960 |
| Saddle, D. \& R. G. W. R. R------- | Juab | 6, 282 |
| Saddle $\triangle$ | Summit | 7,629 |
| Sagers, D. \& R. G. W. R. R._.... | Grand | 4, 812 |
| St. John, U. P. R. R-men | Tooele | 5, 023 |
| Salduro, W. P. R. R | Tooele | 4, 219 |
| Salina, D. \& R. G. W. R. R | Sevier | 5, 147. |
| Saline, S. P. Co- | Box Elder | 4, 217 |
| Salt Springs, W. P. R. R | Tooele | 6, 100 |
| San Rafael Knob $\triangle$ (U.S.C.\& G.S.) - | Emery | 7, 933 |
| Sand Hill $\triangle$-------------------- | Tooele | 4, 534 |
| Sandy, U. P. R. R | Salt Lake | 4, 451 |
| Santaquin, D. \& R. G. W. R. R $\ldots$.-- | Utah_ | 4,761 |
| Sargent Mountain. | Sevier | 8, 857 |
| Sawtooth, D. \& R. G. W. R. R_, | Sevier | 6, 152 |
| Sawtooth Mountain, Mount Marvine $\triangle$ (U. S. C. \& G. S.). | Sevier | 11, 599 |
| Scipio $\triangle$ (U. S. C. \& G. S.) - | Millard | 9, 719 |
| Scofield, D. \& R. G. W. R. R | Carbon | 7, 675 |
| Scott Hill...- | Salt Lake-Sum | 10, 116 |
| Seeley Mountain | Emery | 10, 362 |
| Sentinel, The | Washington | 7, 157 |
| Sevier, D. \& R. G. W. R. R | Sevier | 5, 529 |
| Shaggy Peak | Salt Lake | 6, 080 |
| Shakespeare Point | Garfield | 7, 850 |
| Sharp, U. P. R. R | Juab- | 5, 222 |
| Shields, U. P. R. R | Tooele | 4, 720 |
| Shiner $\triangle$ | Carbon | 5,960 |
| Sigurd, D. \& R. G. W. R. R | Sevier | 5, 270 |
| Silver City, D. \& R. G. W. R. R | Juab | 6, 100 |
| Silver Lake, water surface | Salt Lake. | 8, 716 |
| Silver ${ }^{-1}$ | Salt Lake-Sum | 10, 011 |
| Sioux Peak 4 | Utah. | 8, 094 |
| Smithfield, U. P. R. R | Cache | 4, 450 |
| Smithsonian Butte. | Washington | 6, 773 |
| Smoot, D. \& R. G. W. R. R | Utah.-- | 6, 560 |
| Snyderville, D. \& R. G. W. R. R | Summit | 6, 550 |
| Soldier Summit, D. \& R. G. W. R. R-- | Wasatch | 7, 454 |
| Soldier $\triangle$ - | Carbon | 9, 049 |
| Soma, U. P. R. R | Juab_ | 4,865 |
| South Burro Peak | Summit | 12, 716 |
| South Guardian Angel | Washington | 7, 164 |
| South Lake, water surfac | Rich-- | 6, 486 |
| South Mountain. | Salt Lake-Ut | 6, 803 |
| South Mountain, South $\triangle$ | Tooele | 6, 605 |
| South Peak | San Juan | 11, 120 |
| South Peak | Tooele | 8, 135 |
| South Tent $\triangle$ (U. S. C. \& G. S.) | Sanpete | 11, 283 |
| South Twin $\triangle$, Twin Peaks .-. | Rich.-- | 7,690 |
| Spanish Fork, U. P. R. R | Utah | 4, 552 |
| Spanish Fork Peak $\triangle$. | Utah | 10, 185 |
| Spearhead, The. | Washington. | 5, 857 |
| Spendlove Knoll | Washington | 6, 893 |
| Sphinx, D. \& R. G. W. R. R | Emery | 4, 265 |
| Split Mountain......... | Uintah | 8, 000 |
| Spring City, D. \& R. G. W. R. R- | Sanpete | 5, 685 |
| Springs | Iron | 5, 980 |
| Springville, U. P. R. R- | Utah. | 4,510 |

Supplemental elevations in Utah-Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Springville Peak ${ }^{6}$ | Utah | 11, 054 |
| Star Point...- | Carbon | 9,906 |
| Starr, U. P. R. R | Juab-------------- | 4, 907 |
| Steamboat Mountain | Duchesne....------- | 7, 214 |
| Steeps, The | Carbon-Emery .-. -- | 9, 907 |
| Stierling, D. \& R. G. W. R. R | Sanpete---------- | 5, 394 |
| Stbek Yards, U. P. R. R.. | Iron.-------------- | 4,261 |
| Stockton, U. P. R. R | Tooele. | 5, 069 |
| Strawberry, U. P. R. R | Morgan | 4, 847 |
| Strawberry Mountain.- | Wasatch | 10, 300 |
| Strongknob, S. P. Co. | Box Elder | 4, 217 |
| Stump Flat | Emery | 7, 207 |
| Sugarhouse, D. \& R. G. W. R. R | Salt Lake | 4, 366 |
| Sugarloaf $\triangle$ | Salt Lake_.........- | 11, 049 |
| Sundial, The- | Washington_----.-- | 7, 438 |
| Sunnyside, D. \& R. G. W. R. R ${ }_{-=--}$ | Carbon. | 6, 716 |
| Sunrise Peak $\triangle$ | $\mathrm{Juab}_{---1-1}$ | 7, 693 |
| Sunset Peak.-- | Salt Lake-Utah-Wasatch. | 10, 656 |
| Surbon, S. P. Co_----------------- | Box Elder--------- | 4, 576 |
| Swamp Canyon Butte------------- | Garfield. | 8, 315 |
| Swan Creek - $^{\text {- }}$ | Rich | 9, 114 |
| Swett Hills_ | Iron | 7, 039 |
| Swett Peak | Iron. | 6, 736 |
| Syracuse Junction, U. P. R. R.m. | Davis | 4, 485 |
| Tabbie Mountain. | Wasatch | 11, 100 |
| Tabernacle Dome | Washington | 6, 451 |
| Table Cliff Plateau | Garfield. | 10, 500 |
| Taft $\triangle$ | Uintah | 6, 080 |
| Tatow Knob | Millard | 8, 455 |
| Taylor Mountain | Uintah | 10, 182 |
| Teat Mountain | Utah | 8, 539 |
| Teck, S. P. Co | Box Elder.....------ | 4, 288 |
| Temple, D. \& R. G. W. R. R.....- | Salt Lake..-.-.-.-. - | 4, 248 |
| Temple Peak | Cache | 9, 029 |
| Terrace, S. P. Co | Box Elder------------- | 4,538 |
| Thermo, U. P. R. R- | Beaver------------ | 5, 036 |
| Thistle, D. \& R. G. W. R. R-me | Utah_ | 5, 033 |
| Thompson, D. \& R. G. W. R. R | Grand. | 5, 152 |
| Thousand Lake Mountain $\triangle$ (U. S. C. \& G. S.). | Wayne.-.-.--------- | 11, 295 |
| Three Peaks_-------------- | Iron. | 6, 405 |
| Timpanogos Peak | Utah | 11, 957 |
| Tintic, U. P. R. R | Juab----- | 5, 859 |
| Tintic Mountain. | Juab-Utah | 8, 214 |
| Todds Hill. | Duchesne | 7, 046 |
| Tokewanna Peak | Summit. | 13, 173 |
| Tomas, U. P. R. R | Iron_ | 5, 527 |
| Topaz Mountain | Juab_ | 7, 110 |
| Trail Mountain | Emery | 10, 055 |
| Trail Mountain | Sevier | 7, 850 |
| Transview Mountain | Washington | 6, 315 |
| Treasure Hill. | Juab | 6, 852 |
|  | Box Elder...-.-.-.- | 4, 315 |
| Trenton, U. P. R. R | Cache | .4,460 |
| Trout Creek Peak $\triangle$ | Uintah_ | 10, 509 |
| Tushar $\triangle$, Belknap Peak (U. S. C. \& G. S.). | Beaver-Piute.-.--- | 12, 132 |
| Twin Brothers | Washington | 6, 850 |
| Twin Hills | Kane-- | 7, 872 |
| Twin Lakes, water surface (east) | Salt Lake | 9, 397 |

[^82]Supplemental elevations in Utah-Continued

| Location | County | Elevation (feet) |
| :---: | :---: | :---: |
| Twin Lakes, water surface (west) | Salt Lake | 9, 424 |
| Twin Peaks | Salt Lake | 11,319 |
| Twin Peaks (east) | Salt Lake-Utah | 11, 434 |
| Twin Peaks (west) | Salt Lake-Utah | 11, 491 |
| Twin Peaks_ | Tooele | 6, 060 |
| Twin Peaks | Utah-Wasatch | 9, 741 |
| Twin Peaks, South Twin $\triangle$ | Rich. | 7, 690 |
| Two Tom Hill.- | Utah | 8, 339 |
| Upton, U. P. R. R | Beaver. | 4, 985 |
| Uvada, U. P. R. R | Iron | 5, 656 |
| Vaca, D. \& R. G. W. R. R | Sevier | 5,515 |
| Van, U. P. R. R- | Millard | 4, 576 |
| Venice, D. \& R. G. W. R. R | Sevier | 5, 267 |
| Vermilion Cliff, John $\triangle$ | Kane. | 6, 000 |
| Vermilion Cliff, Mansard © | Kane | 6, 000 |
| Vermilion Cliff, Navajo Well $\triangle$ | Kane | 6, 000 |
| Vermillion, D. \& R. G. W. R. R | Sevier | 5, 256 |
| Vernal $\triangle$--- | Uintah | 6, 343 |
| Vista, D. \& R. G. W. R. R | Grand | 5, 057 |
| Wahsatch, U. P. R. R- | Rich | 6, 812 |
| Wallsburg, D. \& R. G. W. R. R | Wasatch | 5, 300 |
| Walton, U. P. R. R | Salt Lake. | 4, 248 |
| Wanship, U. P. R. R | Summit | 5, 846 |
| Wanship $\triangle$ | Morgan-Summi | 9, 308 |
| Wasatch 2 -, Heliotrope Mountain (U. S. C. \& G. S.). | Sanpete-.--- | 11, 132 |
| Washakie, U. P. R. R | Box Elder | 4, 370 |
| Wellington, D. \& R. G. W. R. R. | Carbon. | 5, 415 |
| Wellington $\triangle$ | Carbon | 5, 590 |
| Wellsville $\triangle$ - | Cache | 9, 355 |
| West, U. P. R. R- | Cache | 4, 563 |
| West Jordan, D. \& R. G. W. R. R | Salt Lake | 4, 287 |
| West Mountain | Salt Lake | 9, 060 |
| West Temple, The | Washington | 7, 795 |
| White Mountain | Sevier | 10, 844 |
| White $\triangle$---- | Uintah | 4, 945 |
| Whites, D. \& R. G. W. R. R | Carbon. | 5, 810 |
| Whittaker, D. \& R. G. W. R. R | Sanpete | 6, 200 |
| Widdop | Summit | 9, 449 |
| Wildcat Knolls | Sevier_ | 9, 012 |
| Wilson Peak | Duchesne-Sumn | 13, 095 |
| Wooden Shoe Buttes, North Woodenshoe $\triangle$. | San Juan_ | 8, 891 |
| Woods Cross, U. P. R. R_ | Davis_ | 4, 292 |
| Wynopits Mountain_ | Washington | 6, 891 |
| Wyoming southwest corner stone | State line | 7, 152 |
| Wyuta, U. P. R. R- | Ric | 6, 737 |
| York, U. P. R. R_ | Utah | 5, 012 |
| Youngs Point. | Emery | 8, 982 |
| Zenda, U. P. R. R | Beaver | 4,943 |

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[^0]:    ${ }^{1}$ For the results of spirit leveling in Utah previously published see Triangulation and spirit levelingUtah: U. S. Geol. Survey 19th Ann. Rept., pt. 1, pp. 353-355, 1898; Results of spirit leveling in Utab, 1897 to 1910: U. S. Geol. Survey Bull. 489, 38 pp., 1911; Results of spirit leveling in Utah, 1897 to 1914: U. S. Geol. Survey Bull. 568, 77 pp., 1915.
    ${ }^{2}$ See Avers, H. G., Manual of first-order leveling: U. S. Coast and Geodetic Survey Special Pub. 140, 1929.

[^1]:    ${ }^{3}$ See Jones, E. L., Hypsometry - Use of mean sea level as the datum for elevations: U. S. Coast and Geodetic Survey Special Pub. 41, 1917; Manual of tide observations: U. S. Coast and Geodetic Survey Special Pub. 196, 1935.

[^2]:    Emery, about 1 mi . S. of public school, 500 ft . S. of gate to dwelling, Feet in culvert over irrigation ditch; copper nail and washer ...........- 6, 228. 19
    Emery, 1.9 mi . S. of, 130 ft . S. of curve NW. and 44 ft . E. of center line of highway, 1 ft . W. of fence; iron pipe stamped "6197" (recovered by U. S. C. \& G. S. in 1934)

    6, 199. 384
    Emery, 2.9 mi . SW. of, 70 ft . N. of gate to Lewis ranch house, 41 ft . E. of center line of highway, on bench, in concrete post; standard tablet stamped "13 6167 1923" (recovered by U. S. C. \& G. S. in 1934)

    6, 168. 436
    Emery, 3.8 mi . SW. of, 600 ft . S. of Quitchupah dugway, 34 ft . W. of center line of highway; standard iron post with bronze cap stamped "6026" (recovered by U. S. C. \& G. S. in 1934) ----.-.-.-.-...-. 6, 027.279
    Emery, 4.7 mi . SW. of, in bridge across wash, at base of Walker Flat; copper nail and washer

    5, 942.60

[^3]:    ' In 1834 the U. S. Coast and Geodetic Survey recovered this mark and reported: "Lettering ' 7833 ' worn off; iron pipe about to cave off into road."

[^4]:    ${ }^{5}$ This mark was originally set on the south side of the highway at an elevation 0.590 ft . lower than that given. It was reset Sept. 2, 1934.

[^5]:    - A narrow strip of territory along the east boundary of this quadrangle lies in Colorado.
    ${ }^{7}$ This mark was used in connection with the operation of a gage on Green River in 1914 by the waterresources branch of the Geological Survey. It was recovered in 1933 by the U. S. Coast and Geodetic Survey.

[^6]:    ${ }^{3}$ A narrow strip of territory along the east boundary of this quadrangle lies in Colorado.

[^7]:    - An excessive error in this line has been disposed of by adjustment.

[^8]:    Qa In 1936 this benchmark was reported destroyed.

[^9]:    10 This benchmark has been reported destroyed.

[^10]:    ${ }^{11}$ Recovered in 1938. This tablet was formerly 10 ft . west of its present location and at an elevation 0.500 ft . lower. The figures given represent the latest information.

[^11]:    ${ }^{12}$ A small area in the northeast corner of this quadrangle lifes in Wyoming.
    ${ }^{13}$ South meridian mark.
    ${ }^{14}$ North meridian mark.

[^12]:    ${ }^{15}$ In 1929 this mark was moved 500 ft . east along the north side of the county road to a position 700 ft . west of the Mendock power station of the Utah Power and Light Co. and reset at the same elevation.
    ${ }^{16}$ South meridian mark.

[^13]:    ${ }^{1 i}$ This post was removed July 30,1936 , when V. S. Seward established the benchmark described in the following entry.

[^14]:    ${ }^{18}$ This line was omitted from Bulletins 489 and 566.

[^15]:    ${ }^{20}$ U. S. C. \& G. S. B. M. designated " S 9 ," elevation $4,235.005 \mathrm{ft}$., was originally on this post, but the top of the post has worn off.

[^16]:    "In February 1938 this benchmark was reported destroyed.

[^17]:    ${ }^{23}$ In February 1938 this benchmark was reported destroyed.
    24 This tablet was reported reset. Its present site is given in the following entry.

[^18]:    ${ }_{25}$ These figures may be 1 ft . too high.

[^19]:    ${ }^{26}$ An excessive error in this line has been disposed of by adjustment.

[^20]:    $4,641.79$

[^21]:    ${ }^{27}$ These figures may be 1 ft . too high.

[^22]:    ${ }^{28}$ In 1925 this benchmark was reported destroyed.

[^23]:    70 This tablet was set 21 ft . south of the tablet stamped " 1922 H 27 ," which in 1934 was reported covered by fill.

    80 In 1932 this benchmark was reported destroyed.

[^24]:    Salt Lake City, at SE. corner of Fourth South and Ninth East Streets, on curve of curb; chiseled square4, 363. 89

[^25]:    ${ }^{31}$ This benchmark is on a supplementary line run by Capt. V. R. Woodruff, U. S. Field Artillery, in 1825.
    ${ }^{82}$ This benchmark was reset by J. J. Lynch in 1928 and is now protected by a standard cast-iron city monument cover.

[^26]:    : ${ }^{33}$ This benchmark, set by the Engineering Council of Utah in 1925, supersedes one stamped " 4259 " that was reported destroyed.

[^27]:    From Saltair quadrangle at point in sec. 6, T. 2 S., R. 1 W. generally east and south along roads by way of Taylorsville to Murray (by E. E. Harris in 1922)
    T. 2 S., R. 1 W., near N $1 / 4$ cor. sec. 6 ; in SW . angle of junction of T-rd. $S$. , in center of top of concrete head wall of culvert; chiseled square_ 4, 363.97

[^28]:    ${ }^{34}$ In 1932 this benchmark was reported destroyed.

[^29]:    ${ }^{35}$ In 1934 this benchmark was reported destroyed.
    ${ }^{36}$ In 1832 this benchmark was reported destroyed.

[^30]:    ${ }^{37}$ In 1934 it was reported that this fence had been removed.

[^31]:    ${ }^{38}$ In 1932 this benchmark was reported destroyed.

[^32]:    10 In 1932 this benchmark was reported destroyed.

[^33]:    ${ }^{42}$ This tablet was reset in 1936 by W. B. Upton, Jr. Its present site is described in the following entry.
    ${ }^{43}$ A narrow strip of territory along the north boundary of this quadrangle lies in Wyoming.

[^34]:    " This benchmark is in Wyoming:

[^35]:    48 In 1932 it was reported that the concrete post was badly chipped.

[^36]:    ${ }^{6}$ In 1932 this benchmark was reported destroyed.

[^37]:    Smith's Well, 2.0 mi . NW. of, 9 ft . E. of rd., on boulder; chiseled square.
    $6,104.13$
    Smith's Well, 1.3 mi . N. of, in Wells draw, 13 ft . W. of junction of T-rd. SE., in large boulder; standard tablet stamped "M 791934 6151"

[^38]:    " A narrow strip of territory along the north boundary of this quadrangle lies in Wyoming.

[^39]:    From Coalville quadrangle near Soapstone Basin east along road about 5 miles, thence south 1.7 miles into Red Creek quadrangle near Duchesne-Wasatch county line (by E. W. Glafcke in 1900)

    Bald Mountain, about 13 mi . in air line SW . of, 4.5 mi . S. of Provo River, 4.5 mi . W. of Duchesne-Wasatch county line, at old sawmill site in upper part of Soapstone Canyon, 175 ft . SE. of rd. to Rhodes Canyon, near small gulch in open country, in large limestone ledge; standard tablet stamped " 9390 S LAK"

[^40]:    ${ }^{13}$ An excessive error in this line has been disposed of by adjustment.

[^41]:    * An excessive error in this line has been disposed of by adjustment.

[^42]:    ${ }^{50}$ In 1938 this benchmark was moved 65 ft . southwest of this position and reset at the same elevation.

[^43]:    ${ }^{51}$ A small area lying along the north boundary of this quadrangle lies in Idaho.

[^44]:    ${ }^{55} 5,772.968$

[^45]:    ${ }^{65}$ These figures may be 1.6 ft . too low.

[^46]:    ${ }^{36}$ These figures may be 1.6 ft . too low.

[^47]:    ${ }^{87}$ A narrow strip of territ,ory along the north boundary of this quadrangle lies in Wyoming.

[^48]:    ${ }^{38}$ In 1927 the U. S. Coast and Geodetic Survey recovered this mark and reported: "The tank, since the establishment of the mark, has been placed on new supports, but the old cap with the mark was left standing."

[^49]:    ${ }^{69}$ Figures obliterated.

[^50]:    ${ }^{60}$ A narrow strip of territory along the east boundary of this quadrangle lies in Colorado.

[^51]:    ${ }^{61}$ In 1932 this benchmark was reported destroyed.
    ${ }^{62}$ A narrow strip of territory along the east boundary of this quadrangle lies in Colorado.

[^52]:    ${ }^{63}$ An excessive error in this line has been disposed of by adjustment.

[^53]:    ${ }^{64}$ In 1935 this benchmark was reset at an elevation 3.780 ft . higher than that originally determined. The figures given represent the latest information.

[^54]:    ${ }^{06}$ The U. S. C. \& G. S. in 1934 ran a first-order line of leveling over the same route between Mount Carmel Junction and Rockville.

[^55]:    ${ }^{88}$ In 1933 this benchmark was reported destroyed.

[^56]:    ${ }^{17}$ A narrow strip of territory along its east boundary comprises the Utah portion of this quadrangle.
    ${ }^{08} \mathrm{An}$ excessive adjustment occurs between Orton and Parowan.

[^57]:    ${ }^{60}$ An excessive error in this line has been disposed of by adjustment.
    70 The lines in this quadrangle were omitted from Bulletin 566.

[^58]:    ${ }^{71}$ In 1937 this benchmark was reset at an elevation 1.258 ft . lower than that originally determined. The figures given represent the latest information.

[^59]:    ${ }^{44}$ The elevation of this benchmark as determined by the Utah and Salt Lake County Survey is $4,520.555 \mathrm{ft}$.

    $$
    127289-40-11
    $$

[^60]:    4, 792. 38

[^61]:    ${ }^{70}$ A narrow strip of territory along the east boundary of this quadrangle lies in $W$ yoming.

[^62]:    7 This point was originally marked by a standard tablet.

[^63]:    ${ }^{78}$ In 1936 it was reported that the head of the tablet had been broken off from the shank.
    ${ }^{70}$ Township, range, and section not given.

[^64]:    5, 301. 06

[^65]:    ${ }^{81}$ A narrow strip of territory along the east boundary of this quadrangle lies in Wyoming.

[^66]:    ${ }^{83}$ The center of the cap has been indented, and a deduction of 0.030 ft . should therefore be made in the figures of elevation given for this benchmark.

[^67]:    From Garfield along roads southeast to Magna, thence generally east and south into Fort Douglas No. 3 quadrangle (by E. E. Harris in 1822; partly leveled twice)
    Garfield, near E. limits of, in sec. 23, T. 1 S., R. 3 W., 40 ft . W. of rd. junction, on S . side of rd., 40 ft . E. of small store, 5 ft . N. of corner fence post, on rock outcrop; chiseled square

    4, 329. 48

[^68]:    ${ }^{\text {E }}$ In 1932 this benchmark was reported destroyed.

[^69]:    ${ }^{84}$ In 1932 it was reported that the concrete post was badly chipped.
    ${ }_{85}$ In 1932 it was reported that the concrete post was badly chipped and the tablet loose.

[^70]:    ${ }^{50}$ An excessive error in this line has been disposed of by adjustment.

[^71]:    87 In December 1932 this benchmark was reported destroyed;

[^72]:    ${ }^{89}$ An excessive error in this line has been disposed of by adjustment.

[^73]:    ${ }^{69}$ The elevation of this benchmark is lower than when the mark was originally established, probably due to the settling of the foundation of the schoolhouse.
    ${ }^{00}$ A narrow strip of territory along the east boundary of this quadrangle lies in Colorado.

[^74]:    ${ }^{01}$ In 1933 it was reported that the lower portion of the tablet had been removed.
    ${ }^{29}$ In April 1934 it was reported that this tablet had been destroyed.
    ${ }^{03}$ The lower half of this tablet was later found broken off, and in 1913. the remainder was restamped
    "4991." In 1934 all of the tablet was missing, and a new standard tablet was set. See description on p. 199.

[^75]:    ${ }^{15}$ This water elevation was omitted from previous publications.

[^76]:    ${ }^{86}$ This tablet supersedes one originally stamnad "5016 EVA.V" and restamped " 4991 " in 1013.

[^77]:    ${ }^{07}$ This is Utah State Road Commission B. M. No. 1:

[^78]:    ${ }^{08}$ This mark is 65 ft . south of the standard tablet stamped " 5432 ," described on p. 196.
    ${ }^{90}$ In 1939 it was reported that this benchmark had been covered by 2 inches of asphait used as sidewalk topping. It is 7.6 ft . west of the inside edge of concrete post of mail box and 0.7 ft . inside inner edge of concrete curb.

[^79]:    ${ }^{1}$ An excessive error in this line has been disposed of by adjustment.

[^80]:    ${ }^{2}$ A narrow strip of territory along the east boundary of this quadrangle lies in Colorado.

[^81]:    ${ }^{2}$ Gannett, Henry, A dictionary of altitudes in the United States (fourth edition): U. S. Geological Sur vey Bull. 274, pp. 975-986, 1906. Bowie, William, and Avers, H. G., Fourth general adjustment of the precise level net in the United States and the resulting standard elevations: $\dot{U}$. S. Coast and Geodetic precise level net in the United States and the resulting standard elevations: in Utah: U. S. Coast and Geodetic Survey Special Pub. 209, pp. 97-99, 1937.

[^82]:    - This peak is also known as Provo Peak.

