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RESULTS OF SPIRIT LEVELING
IN UTAH

1897 TO 1910, INCLUSIVE

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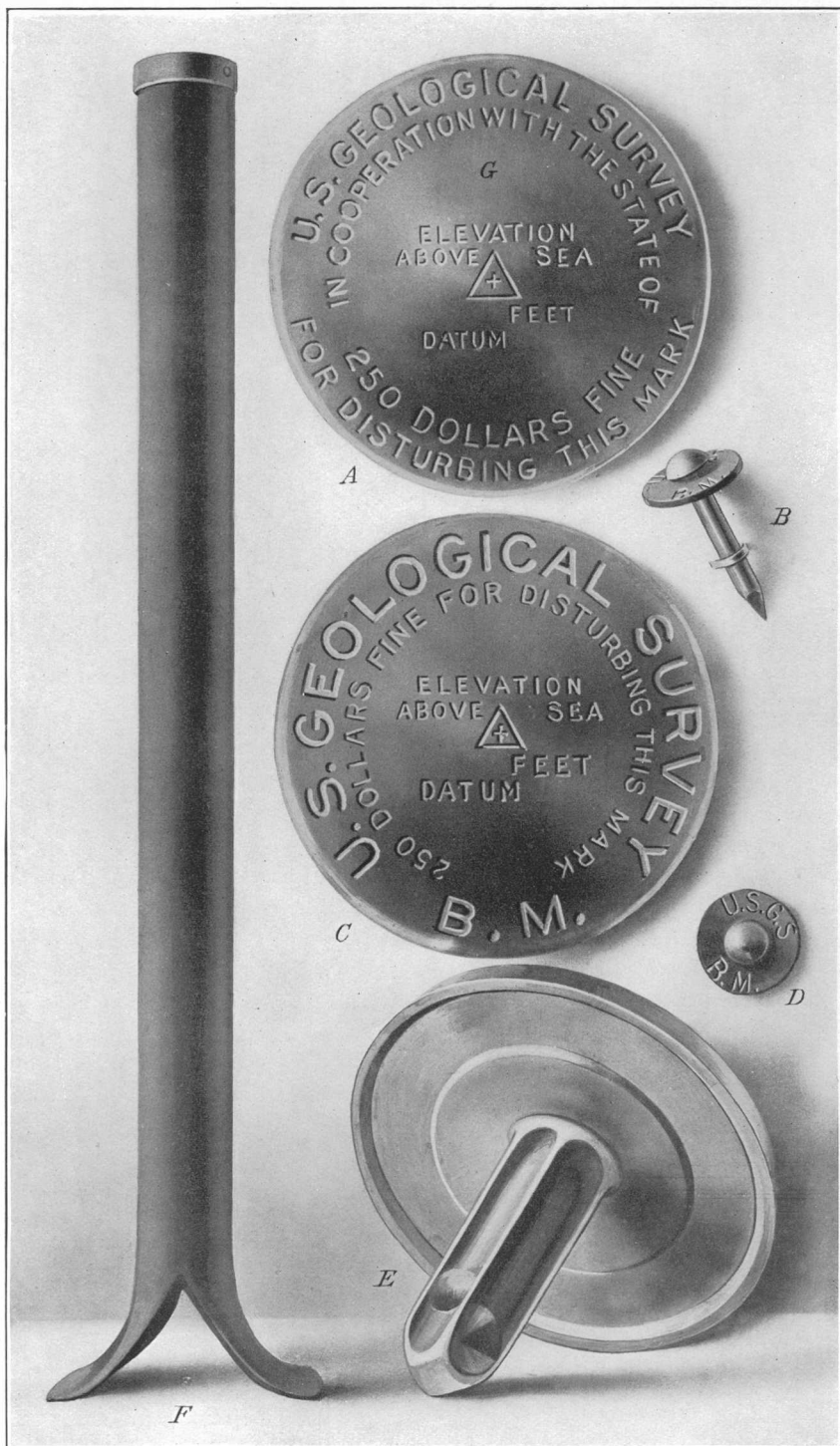
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GEOLOGICAL SURVEY BENCH MARKS.

A, Tablet used in cooperating States. The State name is inserted at G.
 B and D, Copper temporary bench mark, consisting of a nail and copper washer.
 A, C, and E, Tablets for stone or concrete structures.
 F, Iron post used where there is no rock.

RESULTS OF SPIRIT LEVELING IN UTAH, 1897 TO 1910, INCLUSIVE.

R. B. MARSHALL, Chief Geographer.

INTRODUCTION.

Scope of the work.—All results of spirit leveling in Utah previously published by the United States Geological Survey and all the results of later work are included in this report, rearranged by quadrangles. The elevations, except those in the Tintic special quadrangle, are based on 1911 preliminary adjustment heights of bench marks along the precise level line of the Coast and Geodetic Survey from San Diego, Cal., via Ogden, Utah, to Evanston, Wyo.

Personnel.—The field work previous to 1903 was done under the general direction of R. U. Goode, geographer; that for 1903 to 1906, inclusive, under E. M. Douglas, geographer; that for 1907 under R. B. Marshall, geographer; and the later work under T. G. Gerdine, geographer, under the general direction of R. B. Marshall, chief geographer. The names of the various levelmen are given in the introduction to each list. The office work of computation, adjustment, and preparation of lists was done mainly by S. S. Gannett, geographer, and D. H. Baldwin, topographer, and since 1907 under the general direction of E. M. Douglas, geographer.

Classification.—No precise leveling has been done by the United States Geological Survey in this State. For primary lines standard Y levels are used; lines are run in circuits or are closed on precise lines, with an allowable closing error in feet represented by $0.05\sqrt{D}$, in which D is the length of the circuit in miles, sufficient care being given the work to maintain this standard. For circuit closures careful office adjustments are made, the small outstanding errors being distributed over the lines.

Bench marks.—The standard bench marks are of two forms. The first form is a circular bronze or aluminum tablet (C and E, Pl. I), 3.5 inches in diameter and one-quarter inch thick, having a 3-inch stem, which is cemented in a drill hole in solid rock in the wall of some public building, a bridge abutment, or other substantial masonry structure. The second form (F, Pl. I), used where masonry or rock

is not available, consists of a hollow wrought-iron post 3.5 inches in outer diameter and 4 feet in length. The bottom is spread out to a width of 10 inches, in order to give a firm bearing on the earth. A bronze or aluminum-bronze cap is riveted over the top of the post, which is set about 3 feet in the ground. A third style of bench mark with abbreviated lettering (*B* and *D*, Pl. I), is used for unimportant points. This consists of a special copper nail 1.5 inches in length driven through a copper washer seven-eighths inch in diameter. The tablets, as well as the caps on the iron posts, are appropriately lettered, and State cooperation is indicated by the addition of the State name (*G*, Pl. I).

The numbers stamped on the bench marks described in the following pages represent the elevations to the nearest foot as determined by the levelman. These numbers are stamped with $\frac{3}{16}$ -inch steel dies on the tablets or post caps, to the left of the word "FEET." The office adjustment of the notes and the reduction to mean sea-level datum may so change some of the figures that the original markings are 1 or 2 feet in error. It is assumed that engineers and others who have occasion to use the bench-mark elevations will apply to the Director of the United States Geological Survey, at Washington, D. C., for the adjusted values, and will use the markings as identification numbers only.

Datum.—All United States Geological Survey elevations are referred to mean sea level, which is the level that the sea would assume if the influence of winds and tides were eliminated. This level is not the elevation determined from the mean of the highest and the 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 half-tide 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 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 level as determined from observations in the Atlantic Ocean, the Gulf of Mexico, or the Pacific Ocean.

The connection with tidal stations for bench marks in certain areas that lie at some distance from the seacoast is still uncertain, and this fact is indicated by the addition of a letter or word to the right of the word "DATUM" on tablets or posts. For such areas corrections for published results will be made from time to time as the precise-level lines of the United States Geological Survey or other Government organizations are extended.

Topographic maps.—Maps of the following quadrangles, wholly or partly in Utah, have been published by the United States Geological Survey up to June 9, 1911. They may be obtained, for 5 cents each or \$3 a hundred, on application to the Director of the Survey, at Washington, D. C.

Abajo (Utah-Colorado).
 Ashley (Utah-Colorado).¹
 Beaver.
 Bingham mining.
 Coalville (Utah-Wyoming).²
 Cottonwood special.
 East Tavaputs (Utah-Colorado).
 Escalante.
 Fish Lake.
 Fish Springs.
 Frisco special.
 Gilbert Peak (Utah-Wyoming).
 Hayden Peak (Utah-Wyoming).³
 Henry Mountains.
 Iron Springs special.
 Jensen (Utah-Colorado).

Kanab.
 La Sal (Utah-Colorado).
 Manti.
 Marsh Peak (Utah-Wyoming).¹
 Park City special.
 Pioche (Nevada-Utah).
 Price River.
 St. George.
 Salt Lake.²
 San Rafael.
 Sevier Desert.
 Strawberry Valley.²
 Tintic mining.
 Tintic special.
 Tooele Valley.
 Uinta.³

PRIMARY LEVELING.

Randolph and Saleratus Pass quadrangles.

RICH COUNTY.

The elevations in the following list are part of the leveling in 1909 in Idaho, Utah, and Wyoming, and are based on a bench mark of the Coast and Geodetic Survey, near Onyx, Bannock County, Idaho, described as follows: "Onyx, 1 mile north of, near signboard '1 mile to Onyx,' west of third telegraph pole south of milepost 197, west of track, 24 feet west of right of way fence, red sandstone post 6 feet long by 6 inches square, set in ground; bottom of square hole cut in top, marked "U. S. □ C. S." The elevation of this bench mark is accepted as 4,619.392 feet above mean sea level. From Onyx the line was run over the Oregon Short Line R. R. to a point 3.5 miles south of Montpelier, thence south by road via Laketown and Randolph, Utah, to Evanston, Wyo., closing on the Coast and Geodetic Survey bench mark at that point.

The leveling was done in 1909 by L. F. Biggs, with the exception of two bench marks in the Saleratus Pass quadrangle set by E. W. Hills in 1897. The closure errors of this line and circuits are excessive.

Additional elevations will be found in the Wyoming lists for the Randolph and Saleratus Pass quadrangles.

¹ Marsh Peak sheet shows part of Ashley quadrangle on larger scale.

² Coalville and Strawberry Valley sheets show parts of Salt Lake quadrangle on larger scale.

³ Gilbert Peak and Hayden Peak sheets show parts of Uinta quadrangle on larger scale.

RANDOLPH QUADRANGLE.¹**Point near South Eden south along road via Laketown and Randolph to Woodruff.**

	Feet.
South Eden, 1.6 miles north of, east side of road, on boulder; painted "5937 B. M. 79;" chisel point.....	5, 938. 67
South Eden, 700 feet north of house, northeast corner of corral, west side of road; iron post stamped "5983 B 1909 C 1".....	5, 984. 539
South Eden, 2.1 miles south of, east side of road, north end of steep grade, 100 feet south of old road down to lake, on boulder painted "5940 B. M. 82;" chisel point.....	5, 941. 54
Laketown, 4 miles north of, north end of grove of poplar trees, opposite mouth of canyon, east edge of road, 25 feet east of lake; iron post stamped "5929 B 1909 D 1".....	5, 930. 350
Laketown, 1.7 miles north of, fifth tree from north end of row of poplar trees, opposite log dam, in base of 30-inch poplar tree; spike; with aluminum tag stamped "5946 B. M. 85".....	5, 947. 91
Laketown, northeast corner of Irwin's brick store, 4 feet above ground; aluminum tablet stamped "5988 B 1909 E 1".....	5. 989. 979
Laketown, 2.7 miles south of, 1,000 feet east of creek where road makes sharp turn to east, south side of road, on boulder painted "6336 B. M. 88;" chisel point.....	6, 341. 18
Laketown, 6.4 miles south of, east side of road, 150 feet north of forks of road on summit of ridge between Laketown and Randolph; iron post stamped "7129 B 1909 F 1".....	7, 130. 727
Laketown, 8.6 miles south of, 6.3 miles north of Randolph, west side of road, opposite three small bold hills, on boulder painted "6586 B. M. 92;" chisel point.....	6, 587. 74
Randolph, 5.7 miles north of, 600 feet south of Middle Fork of Otter Creek, 50 feet west of spring, west side of road; iron post stamped "6504 B 1909 G 1".....	6, 505. 809
Randolph, 4 miles north of, south bank of South Fork of Otter Creek, 10 feet west of road, on boulder painted "6487 B. M. 93;" chisel point.....	6, 489. 03
Randolph, 2.2 miles north of, northeast corner of field, at intersection of Logan-Randolph roads; iron post stamped "6407 B 1909 H 1".....	6, 409. 449
Randolph, northeast corner of brick schoolhouse, 3 feet above ground; aluminum tablet stamped "6286 B 1909 I".....	6, 288. 042
Randolph, 3.2 miles south of, east side of road, southwest corner of field belonging to Mrs. Mark Kennedy, north bank of irrigation ditch; iron post stamped "6265 B 1909 2".....	6, 267. 190
Woodruff, 4.3 miles north of, 6.3 miles south of Randolph, on small rise, 1,500 feet northwest of log cabin, opposite braced telephone pole; iron post stamped "6302 B 1909 3".....	6, 305. 139
Woodruff, northeast corner of brick schoolhouse, 4 feet above ground; aluminum tablet stamped "6342 B 1909 4".....	6, 343. 884

Randolph northeast to fork of road 11.5 miles southwest of Cokeville, Wyo.

Randolph, 3.1 miles north of, 500 feet south of D. J. Jackson's ranch house, 150 feet north of lane, east edge of road; iron post stamped "6255 B 1909 11".....	6, 257. 296
Randolph, 6.1 miles north of, 300 feet north of gate to Ed. Porters's ranch house, east edge of road, at fence line; iron post stamped "6287 B 1909 12".....	6, 289. 001
Randolph, 8.1 miles north of, at junction of Sage-Cokeville road, 250 feet west of Sage Creek schoolhouse, west edge of road; iron post stamped "6256 B 1909 13".....	6, 257. 763

¹ For additional elevations in this quadrangle see the Wyoming list.

Sage Creek schoolhouse, 3.2 miles north of, east edge of road at northeast corner of field fence; iron post stamped "6237 B 1909 14".....	Feet. 6, 238. 400
Sage Creek schoolhouse, 4.3 miles north of, 1 mile south of Sixmile Creek, 15 feet east of road, on bowlder painted "6234 B. M. 125;" chisel point.	6, 235. 41
Sixmile Creek, 0.5 mile north of, east edge of road, on fence line, where road turns around point of hill; iron post stamped "6214 B 1909 15"....	6, 216. 108
Sixmile Creek, 3.5 miles north of, 0.3 mile north of second-class road through Beckwith ranch, at junction of Cokeville and South Eden roads, 20 feet east of road; iron post stamped "6221 B 1909 16".....	6, 222. 997
Sixmile Creek, 6.6 miles north of, 3.4 miles north of second-class road through Beckwith ranch, 3 miles north of junction of South Eden and Cokeville roads, 20 feet east of road, 1,700 feet south of junction of road leading west; iron post stamped "6220 B 1909 17".....	6, 221. 931

SALERATUS PASS QUADRANGLE.¹**Point near Woodruff southeast along road to Evanston, Wyo.**

Woodruff, 3.8 miles southeast of, east end of lane, east end of marsh, at junction of road south, northeast corner of field; iron post stamped "6305 B 1909 5".....	6, 307. 108
Woodruff, 6.9 miles southeast of, east side of road, on summit of rise, 2 miles north of small lake; iron post stamped "6353 B 1909 6".....	6, 355. 537
Woodruff, 8.9 miles southeast of, 150 feet east of small lake, opposite rocky point, on bowlder painted "6440 B. M. 110;" chisel point.....	6, 442. 35
Woodruff, 9.6 miles southeast of, 150 feet south of junction of road east, 1 mile south of lake, 50 feet west of road; iron post stamped "6464 B 1909 7".....	6, 466. 136
Woodruff, 12.5 miles southeast of, 10 miles northeast of Evanston, east side of road, 1,500 feet south of log house, 150 feet west of irrigation ditch; iron post stamped "6574 B 1909 8".....	6, 577. 042

Point 13.5 miles south of Evanston, Wyo., northwest 3.25 miles.

Evanston, 13.5 miles south of, 5 feet from wagon road, 200 yards west of sheep bridge and ford across Yellow Creek, 100 feet south of road fork; iron post stamped "7009 EVAN".....	7, 009. 906
Evanston, 10.25 miles southwest of, 20 feet northwest of northwest corner of Wright's ranch house, west of Yellow Creek, 0.5 mile west of south group of Needle Rocks; iron post stamped "6892 EVAN".....	6, 892. 731

Desert Lake, Moab, Mount Bartles, Mount Waas, Nephi, Price, Provo, Scofield, Tidwell, Westwater, and Woodside quadrangles.

CARBON, EMERY, SALT LAKE, UTAH, AND WASATCH COUNTIES.

The elevations in the following list were determined by a double line of primary leveling and constitute the Utah portion of the results of a line extended from Salt Lake, Utah, along the Denver & Rio Grande R. R. to Grand Junction, Colo. Corrections have been applied as in precise leveling, including orthometric corrections and adjustment of closure error of about 1 foot. The elevations adopted at Salt Lake and Grand Junction are in accordance with preliminary values by the Coast and Geodetic Survey for 1911. The results of a single unchecked primary line through the Harper, Desert Lake, and

¹ For additional elevations in this quadrangle see the Emory quadrangle list, Wyoming.

Price quadrangles are also included in this list. The same corrections which were applied to the double line have also been applied to this line.

The leveling was done in 1910 by L. F. Biggs.

PROVO QUADRANGLE.

Riverton south along Denver & Rio Grande R. R. to Thistle.

	Feet.
Riverton, 2.5 miles south of, in base of milepost 56; spike with aluminum tag stamped "4434".....	4, 434. 632
Oliver, in front of station; top of east rail.....	4, 450. 2
Riverton, 3.5 miles south of, in base of milepost 57; spike with aluminum tag stamped "4449".....	4, 449. 662
Riverton, 4.5 miles south of, in base of milepost 58; spike with aluminum tag stamped "4443".....	4, 443. 291
Riverton, 5.5 miles south of, in base of milepost 59; spike with aluminum tag stamped "4464".....	4, 464. 146
Gravon, in front of station; top of east rail.....	4, 473. 3
Riverton, 6.5 miles south of, southeast corner of concrete bridge over Jordan River, 6 feet east of railroad track, opposite intake of canal; aluminum tablet stamped "4489-6".....	4, 488. 968
Riverton, 7.5 miles south of, in base of milepost 61; spike with aluminum tag stamped "4521".....	4, 521. 134
Lehi, 3 miles north of, in base of milepost 62; spike with aluminum tag stamped "4543".....	4, 543. 723
Lehi, 2 miles north of, in base of milepost 63; spike with aluminum tag stamped "4542".....	4, 542. 167
Lehi, 1 mile north of, in base of milepost 64; spike with aluminum tag stamped "4543".....	4, 543. 804
Lehi, opposite ticket office; in floor of platform, spike.....	4, 552. 625
Lehi, east face of schoolhouse, south side of main entrance, 4 feet above ground, in cement; aluminum tablet stamped "4560-7".....	4, 561. 083
Lehi, 1 mile south of, in base of signpost "Station 1 mile;" spike with aluminum tag stamped "4526".....	4, 526. 881
Lehi, 2.5 miles south of, in base of milepost 67; spike with aluminum tag stamped "4523".....	4, 524. 076
Lehi, 3.5 miles south of, in base of milepost 68; spike with aluminum tag stamped "4558".....	4, 558. 867
American Fork, 200 feet south of station, 50 feet north of road crossing, 10 feet east of track, south side of concrete culvert of irrigation ditch; aluminum tablet stamped "4565-8".....	4, 565. 295
American Fork, in front of station; top of east rail.....	4, 565. 5
American Fork, 0.5 mile south of, in base of milepost 69; spike with aluminum tag stamped "4550".....	4, 550. 958
American Fork, 1.5 miles south of, in base of milepost 70; spike with aluminum tag stamped "4514".....	4, 514. 907
American Fork, 2.5 miles south of, in base of milepost 71; spike with aluminum tag stamped "4495".....	4, 495. 920
Geneva, west edge of railroad grade, southwest corner of concrete abutment 706A, 50 feet east of mouth of small creek 150 feet south of section house; aluminum tablet stamped "4496-9".....	4, 496. 521
Utah Lake, surface of water, July 20, 1910, 11 a. m.....	4, 488. 4
Geneva, 1.2 miles south of, in base of milepost 73; spike with aluminum tag stamped "4525".....	4, 525. 732

Geneva, 2.2 miles south of, in base of milepost 74; spike with aluminum tag stamped '4536'	Feet. 4, 536. 664
Geneva, 3.2 miles south of, in base of milepost 75; spike with aluminum tag stamped '4544'	4, 544. 196
Geneva, 4.2 miles south of, in base of milepost 76; spike with aluminum tag stamped '4544'	4, 544. 217
Geneva, 5.2 miles south of, in base of milepost 77; spike with aluminum tag stamped '4546'	4, 547. 097
Lakota, 1,100 feet south of station signpost, 50 feet east of railroad right of way, southwest corner of concrete bridge over irrigation canal; aluminum tablet stamped '4551-11'	4, 551. 982
Provo, 3.4 miles north of, in base of milepost 78; spike with aluminum tag stamped '4548'	4, 548. 721
Provo, 2.4 miles north of, in base of milepost 79; spike with aluminum tag stamped '4541'	4, 541. 254
Provo, 1.4 miles north of, in base of milepost 80; spike with aluminum tag stamped '4528'	4, 528. 909
Provo, 0.4 mile north of, in base of milepost 81; spike with aluminum tag stamped '4519'	4, 519. 710
Provo, 200 feet north of Denver & Rio Grande R. R. station, southwest corner of Z. C. M. I. building, 4 feet above ground, in brick wall; aluminum tablet stamped '4520-12'	4, 520. 841
Provo, west face of post office building, 3 feet south of main entrance, on top of coping above basement window; aluminum tablet stamped '4552-13'	4, 552. 430
Provo, 0.7 mile south of, in base of milepost 82; spike with aluminum tag stamped '4517'	4, 518. 012
Provo, 1.7 miles south of, in base of milepost 83; spike with aluminum tag stamped '4506'	4, 507. 235
Provo, 2.7 miles south of, in base of milepost 84; spike with aluminum tag stamped '4498'	4, 498. 779
Springville, 1.7 miles north of, northwest corner of concrete abutment of bridge 693A; aluminum tablet stamped '4503-14'	4, 504. 156
Springville, 1.4 miles north of, in base of milepost 86; spike with aluminum tag stamped '4547'	4, 548. 269
Springville, west face of Denver & Rio Grande R. R. station, 5 feet from entrance to waiting room, 4 feet above ground; aluminum tablet stamped '4561-15'	4, 561. 793
Springville, 0.6 mile south of, in base of milepost 87; spike with aluminum tag stamped '4576'	4, 576. 560
Springville, 1.6 miles south of, in base of milepost 88; spike with aluminum tag stamped '4628'	4, 629. 155
Springville, 2.6 miles south of, in base of milepost 89; spike with aluminum tag stamped '4679'	4, 679. 605
Springville, 3.6 miles south of, in base of milepost 90; spike with aluminum tag stamped '4712'	4, 712. 817
Mapleton, opposite station; top of east rail	4, 729. 2
Mapleton, 2,000 feet south of station, 650 feet southeast of milepost 91, 5 feet north of large field gate, at road crossing, east edge of railroad right of way, in sandstone monument 5 by 6 inches buried 3 feet in ground; aluminum tablet stamped '4739-16'	4, 739. 831
Milepost 92, in base of, 150 feet north of signpost "Station 1 mile," spike with aluminum tag stamped '4775'	4, 775. 338
Mapleton, 2 miles south of, in base of milepost 93, spike with aluminum tag stamped '4815'	4, 815. 496

Mapleton, 3 miles south of, in base of milepost 94; spike with aluminum tag stamped "4818"	Feet. 4, 818. 563
Mapleton, 4 miles south of, east end of Reclamation Service dam of Strawberry Valley project; aluminum tablet stamped "4858-17"	4, 858. 524
Castello Springs, 0.6 mile north of, in base of milepost 97; spike with aluminum tag stamped "4896"	4, 896. 740
Castello Springs, west face of hotel, east side of main entrance, 4 feet above ground; aluminum tablet stamped "4918-18"	4, 914. 905
Castello Springs, 0.5 mile south of, northwest corner of steel railroad bridge 679, on stone abutment painted "4928;" chisel point.	4, 929. 267
Castello Springs, 1.5 miles south of, in base of milepost 99; spike with aluminum tag stamped "4947"	4, 947. 511
Thistle, 1.4 miles north of, in base of milepost 100; spike with aluminum tag stamped "4978"	4, 978. 580

NEPHI QUADRANGLE.**Bench marks established near Thistle.**

Thistle, 0.4 mile north of, in base of first telephone pole north of milepost 101; spike with aluminum tag stamped "5026"	5, 027. 163
Thistle, 1,100 feet south of station, 10 feet east of main-line track, east end of north abutment of bridge 676; aluminum tablet stamped "5041-19"	5, 042. 121
Thistle, 400 feet north of schoolhouse, 100 feet south of railroad right of way, near public road in rock ledge; aluminum tablet stamped "5050"	5, 051. 127

SCOFIELD QUADRANGLE.**Thistle southeast along Denver & Rio Grande R. R. to Colton.**

Thistle, 0.4 mile southeast of, in base of milepost 102; spike with aluminum tag stamped "5061"	5, 062. 679
Thistle, 1.4 miles southeast of, in base of milepost 103; spike with aluminum tag stamped "5117"	5, 118. 168
Thistle, 2 miles southeast of, 1,800 feet north of milepost 104, southeast corner of concrete abutment of railroad bridge 674; aluminum tablet stamped "5151-20"	5, 151. 594
Thistle, 3.4 miles south of, in base of milepost 105; spike with aluminum tag stamped "5235"	5, 236. 055
Thistle, 4.4 miles southeast of, in base of milepost 106; spike with aluminum tag stamped "5304"	5, 304. 678
Thistle, 5.1 miles southeast of, 1,400 feet north of milepost 107, at road crossing; top of east rail.	5, 372. 7
Thistle, 5.4 miles southeast of, in base of milepost 107; spike with aluminum tag stamped "5403"	5, 404. 036
Narrows, 250 feet north of station signpost, 10 feet east of east track, in large boulder; aluminum tablet stamped "5498,-21"	5, 499. 075
Narrows, 1 mile southeast of, in base of milepost 109; spike with aluminum tag stamped "5596"	5, 597. 382
Narrows, 2 miles southeast of, in base of milepost 110; spike with aluminum tag stamped "5661"	5, 662. 133
Narrows, 3 miles southeast of, in base of milepost 111; spike with aluminum tag stamped "5698"	5, 698. 605
Narrows, 4 miles southeast of, in base of milepost 112; spike with aluminum tag stamped "5749"	5, 750. 578
Mill Fork, 150 feet north of station, west side of water tower, center one of three supports of tank, in stone cap; aluminum tablet stamped "5803,-23" ..	5, 804. 581
Mill Fork, 1.5 miles southeast of, in base of milepost 114; spike with aluminum tag stamped "5898"	5, 899. 635

Mill Fork, 2.5 miles southeast of, in base of milepost 115; spike with aluminum tag stamped "5955".....	Feet. 5, 955. 768
Mill Fork, 3.5 miles southeast of, 0.2 mile north of milepost 116, east edge of railroad right of way, west edge of wagon road, in large boulder; aluminum tablet stamped "6014,-24".....	6, 015. 496
Mill Fork, 4.5 miles southeast of, in base of milepost 117; spike with aluminum tag stamped "6073".....	6, 073. 838
Milepost 118, in base of; spike with aluminum tag stamped "6132".....	6, 133. 308
Tucker, 0.7 mile northwest of, in base of milepost 119; spike with aluminum tag stamped "6183".....	6, 183. 967
Tucker, 1,000 feet south of station, 150 feet east of roundhouse, southeast corner of concrete retaining wall of railroad bridge A658; aluminum tablet stamped "6228,-25".....	6, 229. 206
Tucker, 1 mile southeast of, 300 feet northwest of milepost 121, in base of signpost "Station 1 mile"; spike with aluminum tag stamped "6438".....	6, 433. 938
Tucker, 2 miles southeast of, in base of milepost 122; spike with aluminum tag stamped "6649".....	6, 645. 213
Media, 150 feet south of station, east edge of right of way, 10 feet above surface of track, in sandstone ledge; aluminum tablet stamped "6933,-26".....	6, 928. 612
Media, 0.7 mile southeast of, in base of milepost 124; spike with aluminum tag stamped "7044".....	7, 040. 061
Soldier Summit, 1.6 miles north of, in base of milepost 125; spike with aluminum tag stamped "7249".....	7, 245. 011
Soldier Summit, 100 feet north of station, 50 feet east of south end of snow sheds, east edge of right of way, in large boulder in fence corner; aluminum tablet stamped "7467-27".....	7, 463. 210
Soldier Summit, 0.5 mile southeast of, in base of milepost 127; spike with aluminum tag stamped "7446".....	7, 442. 378
Soldier Summit, 1.5 miles southeast of, in base of milepost 128; spike with aluminum tag stamped "7397".....	7, 393. 686
Soldier Summit, 2.5 miles southeast of, in base of milepost 129; spike with aluminum tag stamped "7347".....	7, 342. 840
Colton, 3.3 miles west of, 500 feet south of milepost 130, in base of telephone pole; spike with aluminum tag stamped "7295".....	7, 291. 356
Colton, 2.5 miles northwest of, 500 feet west of milepost 131, south edge of railroad concrete culvert over drain; aluminum tablet stamped "7248,-28".....	7, 244. 193
Colton, 1.5 miles northwest of, in base of milepost 132; spike with aluminum tag stamped "7215".....	7, 211. 643
Colton, 0.5 mile northwest of, in base of milepost 133; spike with aluminum tag stamped "7186".....	7, 182. 238
Colton, south face of public schoolhouse, 4 feet above ground, 3 feet west of main entrance; aluminum tablet stamped "7192,-29".....	7, 187. 875

PRICE QUADRANGLE.

Colton southeast along Denver & Rio Grande R. R. to point 1.7 miles south of Farnham.

Colton, 1.7 miles southeast of, in base of milepost 135; spike with aluminum tag stamped "7136".....	7, 132. 538
Colton, 2.7 miles southeast of, 10 feet west of milepost 137, east edge of track, concrete culvert over drain; aluminum tablet stamped "7100,-30".....	7, 096. 467
Colton, 3.7 miles southeast of, in base of fourth telephone pole east of milepost 138; spike with aluminum tag stamped "7054".....	7, 050. 482
Kyune, in base of milepost 139; spike with aluminum tag stamped "7029".....	7, 019. 068
Kyune, 200 feet south of telegraph office, in north abutment of bridge 638B; aluminum tablet stamped "7012,-31".....	7, 014. 024

	Feet.
Kyune, 0.8 mile south of, in base of milepost 140; spike with aluminum tag stamped "6947"	6, 948. 964
Kyune, 1.8 miles south of, 50 feet south of milepost 141, in base of whistling post; spike with aluminum tag stamped "6848"	6, 850. 013
Castle Gate, 5 miles north of, in base of milepost 142; spike with aluminum tag stamped "6747"	6, 748. 771
Castle Gate, 4 miles north of, in base of milepost 143; spike with aluminum tag stamped "6639"	6, 641. 112
Castle Gate, 3 miles southeast of milepost 144, 50 feet east of track, in bowlder; aluminum tablet stamped "6519,-32"	6, 521. 745
Castle Gate, 2 miles north of, in base of milepost 145; spike with aluminum tag stamped "6398"	6, 399. 927
Castle Gate, 1 mile north of, in base of milepost 146; spike with aluminum tag stamped "6279"	6, 280. 737
Castle Gate, 0.3 mile north of depot, 200 feet south of bridge, 10 feet east of switch signal, in large bowlder; aluminum tablet stamped "6146,-33" ..	6, 147. 922
Castle Gate, 200 feet north of station, at base of water plug; top of bolt head.	6, 112. 408
Castle Gate, 1.3 miles southeast of, in base of milepost 149; spike with aluminum tag stamped "6007"	6, 009. 701
Castle Gate, 2.3 miles southeast of, in base of milepost 150; spike with aluminum tag stamped "5934"	5, 936. 745
Castle Gate, 3.3 miles southeast of, in base of milepost 151; spike with aluminum tag stamped "5860"	5, 862. 396
Helper, east face of Railroad Y. M. C. A. Building, 15 feet south of main entrance, 2 feet above ground; aluminum tablet stamped "5827,-34" ..	5, 829. 334
Helper, 0.4 mile southeast of, in base of milepost 152; spike with aluminum tag stamped "5804"	5, 806. 375
Helper, 1.4 miles southeast of, in base of milepost 153; spike with aluminum tag stamped "5759"	5, 760. 360
Helper, 2.8 miles southeast of, 0.3 mile south of milepost 154, north end of railroad cut, at road crossing, in base of telephone pole; spike with aluminum tag stamped "5689"	5, 691. 814
Price, 3.3 miles north of, 0.9 mile south of milepost 155, 60 feet east of right of way, on edge of bluff, in sandstone bowlder; aluminum tablet stamped "5663,-35"	5, 664. 912
Price, 2.3 miles north of, 0.4 mile south of milepost 156, at road crossing, in base of telephone pole; spike with aluminum tag stamped "5620" ..	5, 622. 726
Price, 1.3 miles north of, in base of milepost 157; spike with aluminum tag stamped "5572"	5, 574. 837
Price, 0.6 mile north of, in base of milepost 158; spike with aluminum tag stamped "5541"	5, 543. 605
Price, 50 feet south of south end of Denver & Rio Grande R. R. freight shed, in base of telephone pole; spike with aluminum tag stamped "5543"	5, 544. 980
Price, west face of courthouse, top of first coping of steps at south entrance of building; aluminum tablet stamped "5564,-36"	5, 566. 019
Price, 1 mile south of, 0.2 mile north of milepost 160, at road crossing, in base of telephone pole; spike with aluminum tag stamped "5507"	5, 509. 485
Price, 2 miles south of, in base of milepost 161; spike with aluminum tag stamped "5477"	5, 479. 045
Price, 2.6 miles south of, 0.3 mile north of milepost 162, at road crossing, in base of telephone pole; spike with aluminum tag stamped "5454" ..	5, 456. 072
Price, 3.8 miles south of, east side of concrete abutment of railroad bridge 615; aluminum tablet stamped "5434,-37"	5, 436. 107

Price, 5.2 miles south of, in base of milepost 163; spike with aluminum tag stamped "5413"	Feet. 5, 415. 745
Wellington, in base of station signpost; spike with aluminum tag stamped "5405"	5, 407. 226
Wellington, 0.5 mile south of, in base of milepost 165; spike with aluminum tag stamped "5389"	5, 391. 946
Wellington, 1.5 miles south of, southeast corner of steel railroad bridge on stone abutment; aluminum tablet stamped "5459"	5, 361. 285
Wellington, 2.5 miles south of, in base of milepost 167; spike with aluminum tag stamped "5341"	5, 343. 553
Wellington, 3.5 miles south of, in base of milepost 168; spike with aluminum tag stamped "5327"	5, 329. 627
Wellington, 4.5 miles south of, in base of milepost 169; spike with aluminum tag stamped "5316"	5, 318. 085
Farnham, opposite station, 10 feet east of telephone, east edge of railroad right of way, in sandstone boulder buried flush with ground; aluminum tablet stamped "5315"	5, 317. 375
Farnham, 0.7 mile south of, in base of milepost 170; spike with aluminum tag stamped "5325"	5, 327. 735
Farnham, 1.7 miles south of, in base of milepost 171; spike with aluminum tag stamped "5353"	5, 355. 421
Point 4 miles north of Desert Lake north and east along Sunnyside branch of Denver & Rio Grande R. R. to point 6 miles west of Sunnyside (single unchecked spur line).	
Mounds, 4 miles north of, on Sunnyside branch of Denver & Rio Grande R. R., 20 feet east of milepost 4, in sandstone boulder buried flush with ground; aluminum tablet stamped "5429"	5, 431. 768
Milepost 5, in base of; spike with aluminum tag stamped "5482"	5, 484. 705
Milepost 6, in base of; spike with aluminum tag stamped "5549"	5, 551. 350
Milepost 7, in base of; spike with aluminum tag stamped "5628"	5, 630. 162
Mounds, 4 miles north by 4 miles east of, 200 feet east of milepost 8, south edge of right of way, in sandstone boulder; aluminum tablet stamped "5695"	5, 698. 064
Sunnyside, 6.1 miles west of, in base of sixth telephone pole west of milepost 9; spike with aluminum tag stamped "5760"	5, 762. 369
Sunnyside, 6 miles west of, on summit of small butte, 6 feet south of triangulation station; chisel point on boulder painted "5812"	5, 814. 522
White, in base of station signpost; spike with aluminum tag stamped "5813"	5, 815. 372

DESERT LAKE QUADRANGLE.

Point 1.7 miles south of Farnham southeast along Denver & Rio Grande R. R. to point near Cedar.

Farnham, 2.7 miles south of, in base of milepost 172; spike with aluminum tag stamped "5381"	5, 383. 307
Mounds, 1.9 miles north of, 300 feet north of milepost 173, in north abutment of railroad bridge 605; aluminum tablet stamped "5386,-41"	5, 388. 341
Mounds, 1 mile north of, in base of second telephone pole north of milepost 174; spike with aluminum tablet stamped "5418"	5, 420. 658
Mounds, 150 feet east of station, 50 feet east of right of way, 15 feet north of small building; iron post stamped "5439,-42"	5, 441. 854
Milepost 176, in base of; spike with aluminum tag stamped "5389"	5, 391. 349
Milepost 177, in base of; spike with aluminum tag stamped "5339"	5, 341. 887
Milepost 178, in base of; spike with aluminum tag stamped "5293"	5, 295. 887
Verde, in base of station sign; spike with aluminum tag stamped "5267"	5, 268. 996

Verde, 0.7 mile south of, east end of south abutment of bridge 598B;	Feet.
aluminum tablet stamped "5233,-43".....	5, 235. 153
Milepost 180, in base of; spike with aluminum tag stamped "5204".....	5, 206. 287
Milepost 181, in base of; spike with aluminum tag stamped "5148".....	5, 150. 587
Milepost 182, in base of; spike with aluminum tag stamped "5104".....	5, 106. 473
Milepost 183, in base of; spike with aluminum tag stamped "5114".....	5, 116. 581

Mounds north along Sunnyside branch of Denver & Rio Grande R. R. 4 miles (single unchecked spur line).

Mounds, 1 mile north of, in base of milepost; spike with aluminum tag stamped "5411".....	5, 413. 854
Mounds, 2 miles north of, in base of milepost 2; spike with aluminum tag stamped "5377".....	5, 379. 713
Mounds, 3 miles north of, in base of milepost 3; spike with aluminum tag stamped "5395".....	5, 397. 554

WOODSIDE QUADRANGLE.

Cedar southeast along Denver & Rio Grande R. R. to point 1 mile west of Green River.

Milepost 184, in base of; spike with aluminum tag stamped "5155".....	5, 157. 772
Cedar, east edge of right of way, 300 feet north of station, 10 feet south of telephone pole; iron post stamped "5172,-44".....	5, 174. 432
Milepost 185, in base of; spike with aluminum tag stamped "5185".....	5, 187. 152
Milepost 186, in base of; spike with aluminum tag stamped "5134".....	5, 136. 857
Milepost 187, in base of; spike with aluminum tag stamped "5090".....	5, 092. 363
Cedar, 3.6 miles east of, 400 feet west of milepost 188, north edge of right of way at east end of cut, in boulder; aluminum tablet stamped "5040,-45".....	5, 042. 009
Milepost 189, in base of; spike with aluminum tag stamped "4984".....	4, 986. 979
Milepost 190, in base of; spike with aluminum tag stamped "4918".....	4, 920. 942
Milepost 191, in base of; spike with aluminum tag stamped "4864".....	4, 866. 174
Grassy, east edge of right of way, 50 feet south of station sign, 8 feet south of telephone pole; iron post stamped "4851,-46".....	4, 853. 527
Milepost 192, in base of; spike with aluminum tag stamped "4800".....	4, 802. 982
Milepost 193, in base of; spike with aluminum tag stamped "4764".....	4, 766. 771
Milepost 194, in base of; spike with aluminum tag stamped "4708".....	4, 703. 267
Woodside, 3 miles north of, west edge of north abutment of bridge 583B; aluminum tablet stamped "4614,-47".....	4, 685. 339
Milepost 195, in base of; spike with aluminum tag stamped "4655".....	4, 657. 302
Milepost 196, in base of; spike with aluminum tag stamped "4643".....	4, 645. 213
Milepost 197, in base of; spike with aluminum tag stamped "4625".....	4, 627. 582
Woodside, 400 feet south of station, west end of north abutment of steel railroad bridge; aluminum tablet stamped "4626,-48".....	4, 627. 106
Milepost 198, in base of; spike with aluminum tag stamped "4648".....	4, 649. 513
Milepost 199, in base of; spike with aluminum tag stamped "4665".....	4, 666. 721
Milepost 200, in base of; spike with aluminum tag stamped "4691".....	4, 692. 915
Milepost 201, in base of; spike with aluminum tag stamped "4737".....	4, 738. 606
Milepost 202, in base of; spike with aluminum tag stamped "4784".....	4, 785. 500
Cliff, 30 feet east of station signpost, 6 feet south of telephone pole, east edge of railroad right of way; iron post stamped "4824,-49".....	4, 826. 032
Milepost 204, in base of; spike with aluminum tag stamped "4787".....	4, 788. 298
Milepost 205, in base of; spike with aluminum tag stamped "4732".....	4, 733. 412
Milepost 206, in base of; spike with aluminum tag stamped "4679".....	4, 680. 330
Cliff, 3.2 miles south of, 0.4 mile south of milepost 206, east edge of railroad right of way, south of public-road crossing; iron post stamped "4663,-50".....	4, 664. 577

	Feet.
Milepost 207, in base of; spike with aluminum tag stamped "4629".....	4, 630. 884
Milepost 208, in base of; spike with aluminum tag stamped "4586".....	4, 587. 811
Milepost 209, in base of; spike with aluminum tag stamped "4539".....	4, 540. 332
Desert, 100 feet south of station, east edge of right of way, 10 feet south of telephone pole; iron post stamped "4510,-51".....	4, 511. 681
Milepost 211, in base of; spike with aluminum tag stamped "4456".....	4, 457. 457
Milepost 212, in base of; spike with aluminum tag stamped "4423".....	4, 424. 401
Milepost 213, in base of; spike with aluminum tag stamped "4396".....	4, 397. 217
Milepost 214, in base of; spike with aluminum tag stamped "4388".....	4, 390. 131
Desert, 5 miles south of, 500 feet north of milepost 214, in east end of south abutment of bridge 563; aluminum tablet stamped "4353,-2"....	4, 355. 460
Milepost 216, in base of; spike with aluminum tag stamped "4303".....	4, 304. 983
Sphinx, 50 feet north of station signpost, 10 feet south of telephone pole, at east edge of right of way; iron post stamped "4280,-52".....	4, 281. 285
Milepost 218, in base of; spike with aluminum tag stamped "4248".....	4, 249. 975
Milepost 219, in base of; spike with aluminum tag stamped "4217".....	4, 218. 410
Milepost 220, in base of; spike with aluminum tag stamped "4167".....	4, 168. 658
Green River, 2.2 miles west of, east end of south abutment of bridge 557; aluminum tablet stamped "4142,-54".....	4, 144. 189
Milepost 221, in base of; spike with aluminum tag stamped "4135".....	4, 136. 973

TIDWELL QUADRANGLE.

Point 1 mile west of Green River southeast along Denver & Rio Grande R. R. to point 1 mile east of Solitude.

Milepost 222, in base of; spike with aluminum tag stamped "4099".....	4, 101. 197
Green River, west face of public-school building, 5 feet south of main entrance, 3 feet above ground; aluminum tablet stamped "4085,-55"....	4, 087. 336
Green River, north abutment of steel railroad bridge over river; aluminum tablet stamped "4062".....	4, 062. 732
Milepost 225, in base of; spike with aluminum tag stamped "4101".....	4, 102. 291
Milepost 226, in base of; spike with aluminum tag stamped "4148".....	4, 149. 914
Green River, 4 miles east of east end of concrete culvert, 300 feet north of milepost 227; aluminum tablet stamped "4187,-55A".....	4, 188. 424
Milepost 228, in base of; spike with aluminum tag stamped "4243".....	4, 244. 790
Milepost 229, in base of; spike with aluminum tag stamped "4295".....	4, 296. 507
Milepost 230, in base of; spike with aluminum tag stamped "4333".....	4, 334. 970
Solitude, 10 feet east of station signpost, west edge of right of way; iron post stamped "4372,-56".....	4, 373. 898
Milepost 232, in base of; spike with aluminum tag stamped "4426".....	4, 427. 687

MOAB QUADRANGLE.

Point 1 mile east of Solitude east along Denver & Rio Grande R. R. to point 1 mile west of White House.

Milepost 233, in base of; spike with aluminum tag stamped "4457".....	4, 458. 827
Milepost 234, in base of; spike with aluminum tag stamped "4494".....	4, 496. 114
Milepost 235, in base of; spike with aluminum tag stamped "4541".....	4, 542. 934
Milepost 236, in base of; spike with aluminum tag stamped "4594".....	4, 595. 998
Floy, 0.2 mile west of, east end of concrete abutment of bridge 541; aluminum tablet stamped "4616,-59".....	4, 617. 899
Milepost 238, in base of; spike with aluminum tag stamped "4619".....	4, 620. 832
Milepost 239, in base of; spike with aluminum tag stamped "4664".....	4, 665. 614
Milepost 240, in base of; spike with aluminum tag stamped "4713".....	4, 714. 888

	Feet.
Crescent, 2 miles west of, 15 feet east of second telephone pole east of milepost 241, east edge of railroad right of way; iron post stamped "4777,-60".....	4,778.461
Milepost 242, in base of; spike with aluminum tag stamped "4816".....	4,817.809
Milepost 243, in base of; spike with aluminum tag stamped "4875".....	4,877.475
Crescent, 800 feet east of water tank, opposite milepost 244, at north edge of railroad right of way; iron post stamped "4898,-61".....	4,899.747
Milepost 245, in base of; spike with aluminum tag stamped "4907".....	4,908.804
Milepost 246, in base of; spike with aluminum tag stamped "4946".....	4,948.526
Milepost 247, in base of; spike with aluminum tag stamped "5000".....	5,002.061
Milepost 248, in base of; spike with aluminum tag stamped "5045".....	5,047.522
Milepost 249, in base of; spike with aluminum tag stamped "5094".....	5,096.012
Thompson, southeast corner of concrete abutment of bridge, 500 feet north of station; aluminum tablet stamped "5132,-62".....	5,134.540
Milepost 251, in base of; spike with aluminum tag stamped "5126".....	5,128.122
Milepost 252, in base of; spike with aluminum tag stamped "5084".....	5,086.112
Thompson, 3.2 miles east of, 150 feet south of milepost 253, in south end of concrete abutment of steel bridge; aluminum tablet stamped "5033-63".....	5,034.674
Milepost 254, in base of; spike with aluminum tag stamped "4983".....	4,985.226
Milepost 255, in base of; spike with aluminum tag stamped "4937".....	4,939.065
Milepost 256, in base of; spike with aluminum tag stamped "4887".....	4,888.979
Milepost 257, in base of; spike with aluminum tag stamped "4832".....	4,834.564
Sagers, 500 feet east of station, opposite milepost 258, west edge of right of way; iron post stamped "4782-64".....	4,783.961
Milepost 259, third telephone pole east of, in base of signpost; spike with aluminum tag stamped "4727".....	4,727.665
Milepost 260, in base of; spike with aluminum tag stamped "4680".....	4,681.658
Milepost 261, in base of; spike with aluminum tag stamped "4630".....	4,631.841
White House, 4.3 miles west of, southeast corner of concrete culvert of bridge; aluminum tablet stamped "4621-65".....	4,622.989
Milepost 262, in base of; spike with aluminum tag stamped "4605".....	4,607.669
Milepost 263, in base of; spike with aluminum tag stamped "4571".....	4,572.883
Milepost 264, in base of; spike with aluminum tag stamped "4553".....	4,555.266

MOUNT WAAS QUADRANGLE.

Point 1 mile west of White House northeast along Denver & Rio Grande R. R. to Cisco.

Milepost 265, in base of; spike with aluminum tag stamped "4506".....	4,508.209
White House, 6 feet east of station signpost, north edge of railroad right of way; iron post stamped "4485-66".....	4,486.793
Milepost 267, 300 feet west of, in base of signpost; spike with aluminum tag stamped "4451".....	4,452.849
Milepost 268, in base of; spike with aluminum tag stamped "4434".....	4,436.649
Milepost 269, in base of; spike with aluminum tag stamped "4449".....	4,450.893
Cisco, 3.7 miles west of, opposite milepost 270, east edge of railroad right of way; iron post stamped "4455-67".....	4,457.200
Milepost 271, in base of; spike with aluminum tag stamped "4406".....	4,408.111
Milepost 272, in base of; spike with aluminum tag stamped "4351".....	4,352.895
Milepost 273, in base of; spike with aluminum tag stamped "4331".....	4,331.893
Cisco, 25 feet east of station, in corner of railroad park; iron post stamped "4350-68".....	4,352.953
Milepost 274, in base of; spike with aluminum tag stamped "4360".....	4,361.888

WESTWATER QUADRANGLE.

Clisco northeast along Denver & Rio Grande R. R. to Utaline.

	Feet.
Milepost 275, in base of; spike with aluminum tag stamped "4326".....	4, 327. 671
Milepost 276, in base of; spike with aluminum tag stamped "4314".....	4, 315. 786
Milepost 277, in base of; spike with aluminum tag stamped "4316".....	4, 317. 308
Milepost 278, in base of; spike with aluminum tag stamped "4315".....	4, 316. 067
Marrs, 250 feet east of station signpost, 6 feet south of second telephone pole, south edge of railroad right of way; iron post stamped "4346-69".....	4, 347. 667
Milepost 280, in base of; spike with aluminum tag stamped "4347".....	4, 348. 383
Milepost 281, in base of; spike with aluminum tag stamped "4380".....	4, 381. 317
Milepost 282, in base of; spike with aluminum tag stamped "4423".....	4, 424. 681
Milepost 283, in base of; spike with aluminum tag stamped "4434".....	4, 435. 585
Milepost 284, in base of; spike with aluminum tag stamped "4485".....	4, 486. 545
Cottonwood, 1,000 feet east of station, south end of cut, 10 feet north of track, 50 feet west of milepost 285, in sandstone boulder; aluminum tablet stamped "4548-70".....	4, 549. 297
Milepost 286, in base of; spike with aluminum tag stamped "4498".....	4, 499. 997
Milepost 287, in base of; spike with aluminum tag stamped "4444".....	4, 445. 976
Milepost 288, in base of; spike with aluminum tag stamped "4383".....	4, 384. 946
Milepost 289, in base of; spike with aluminum tag stamped "4329".....	4, 330. 785
Westwater, 25 feet north of station, east end of station signpost; iron post stamped "4320-71".....	4, 320. 487
Milepost 290, in base of; spike with aluminum tag stamped "4318".....	4, 319. 602
Milepost 291, in base of; spike with aluminum tag stamped "4333".....	4, 331. 761
Milepost 292, in base of; spike with aluminum tag stamped "4341".....	4, 339. 895
Milepost 293, in base of; spike with aluminum tag stamped "4340".....	4, 338. 685
Utaline, 20 feet north of station signpost, on Utah-Colorado State line, in sandstone ledge; aluminum tablet stamped "4353-72".....	4, 354. 819

MOUNT BARTLES QUADRANGLE.

Point 5.5 miles west of Sunnyside east along Sunnyside branch of Denver & Rio Grande R. R. to Sunnyside (single unchecked spur line).

Sunnyside, 4 miles west of, north side of right of way, under center of signal at triangulation station, in sandstone boulder buried flush with ground; aluminum tablet stamped "5902".....	5, 904. 386
Milepost 12, in base of; spike with aluminum tag stamped "6042".....	6, 044. 781
Milepost 13, in base of; spike with aluminum tag stamped "6166".....	6, 168. 417
Milepost 14, in base of; spike with aluminum tag stamped "6294".....	6, 296. 463
Sunnyside, 100 feet south of milepost 15, south edge of railroad right of way, in sandstone boulder; aluminum tablet stamped "6432".....	6, 434. 419

Fish Springs and Sevier Desert quadrangles.

JUAB AND MILLARD COUNTIES.

The elevations in this list are based on a bench mark at Oasis, an iron post at the southwest corner of Day's Hotel, the elevation of which by the field computation of the Coast and Geodetic Survey precise leveling of 1908 is accepted as 4,593.053 feet. Its final value has not yet been computed by the Coast and Geodetic Survey. When determined the correction should be applied to this entire list.

The leveling was done in 1908 by T. A. Green.

SEVIER DESERT QUADRANGLE.

Oasis to Drum (Joy post office).

	Feet.
Oasis, southwest corner of Day's Hotel; iron post stamped "4591-1908" . . .	4, 593. 053
Oasis, in front of station; top of rail	4, 595. 6
Deseret, 75 feet east of crossroads, south of post office, at corner of corporation scales; top of bolt marked "4584"	4, 585. 87
Deseret, 5.08 miles northwest of, 100 feet north of road, in 6 by 12 by 24 inch rock; aluminum tablet stamped "4572"	4, 573. 710
Deseret, 10.92 miles northwest of, 50 feet north of road; iron post stamped "4559"	4, 560. 723
Deseret, 16.69 miles northwest of, 1.12 miles northwest of old smelter, 30 feet east of road, in oblong rock; aluminum tablet stamped "4681"	4, 682. 942
Joy, 11 miles southeast of, 10 feet west of road, in brown sandstone boulder 30 inches wide and 18 inches deep; bronze tablet stamped "5028"	5, 030. 076

Antelope Spring east to Deseret (portion of line).

Soap Hollow, 7.18 miles east of, at forks of road, on east side of Swassie Wash, 50 feet east of forks; iron post stamped "4680"	4, 682. 057
Crafts, 2.75 miles northwest of, 40 feet north of road; iron post stamped "4553"	4, 554. 942
Crafts, 1.75 miles northwest of, on west side of road at northwest corner of lake; point on rock marked "4542"	4, 551. 75
Crafts, 3.18 miles northwest of, 20 feet west of road, on top of small ridge; iron post stamped "4561"	4, 563. 527
Deseret, 3.4 miles west of, 30 feet east of road, 130 feet north of forks; iron post stamped "4573"	4, 574. 714

FISH SPRINGS QUADRANGLE.

Drum (Joy post office) via Fish Springs to Callao.

Joy, 5 miles southeast of, 20 feet east of road, at sharp bend to north, in rock; aluminum tablet stamped "5653"	5, 655. 360
Joy, 3 miles southeast of, 75 feet north of road, running east to Ibex mine; point on rock	5, 942. 65
Joy, 0.87 mile southeast of post office, 5 feet east of road; point on mining claim monument	5, 973. 42
Joy (Drum), 0.6 mile west of post office, 100 feet south of road, 325 feet west of four-corners, on top of small hill, in porphyry outcrop; aluminum tablet stamped "5954"	5, 955. 830
Joy, 5.21 miles northwest of, 30 feet south of road, at plane table station, in rock; aluminum tablet stamped "5333"	5, 335. 109
Joy, 11.84 miles northwest of, 30 feet east of road, in rock; aluminum tablet stamped "4743"	4, 745. 159
Cane Spring, 8.3 miles southeast of, north side of road, 160 feet west of freighter's camp ground; point on rock	4, 540. 74
Cane Spring, 5 miles southeast of, 870 feet west of road running north, 20 feet north of road, in rock; aluminum tablet stamped "4390"	4, 391. 535
Cane Spring, 0.67 mile north of, on east side of road, 50 feet north of freighter's feed box and cedar post, in rock; aluminum tablet stamped "4337"	4, 338. 719
Thomas ranch, in east side of old stone house occupied by J. J. Thomas, on north side of south door; aluminum tablet stamped "4319"	4, 320. 665
Thomas ranch, 2.80 miles north of, 200 feet west of northwest corner of Fish Spring; point on quartz outcrop	4, 308. 18
Thomas ranch, 4.11 miles northwest of, 140 feet west of road running north to Hat Springs, 30 feet south of road, at point where road makes sharp bend to southwest; point on rock	4, 308. 26

Fish Springs, 1.8 miles southeast of, 200 feet west of road, near western end of black mesa; iron post stamped "4340".....	Feet. 4, 341. 625
Fish Springs, about 1 mile west of, at forks of road, in southwest corner of casing around old well; nail.....	4, 334. 23
Fish Springs, about 2 miles west of, at old well on east side of road; top of iron standpipe.....	4, 344. 27
Fish Springs, 4.39 miles west of, at junction with main road running south-west to Trout Creek, 40 feet north of road junction; iron post stamped "4348".....	4, 349. 560
Callao, 4.6 miles east of, 40 feet north of road; iron post stamped "4326".....	4, 327. 895

Callao via Trout Creek to Gandy, Smithville, and Cowboy Pass.

Callao, 200 feet southeast of southeast corner of John Kearney's ranch house, on south side of road, 10 feet west of field gate; iron post stamped "4326".....	4, 328. 292
Callao, 6.16 miles southwest of, 1,280 feet south of running stream crossing, 40 feet west of road; iron post stamped "4813".....	4, 814. 740
Callao, 9.61 miles southwest of, 40 feet west of road, 900 feet west of old dry lake, in large granite boulder; aluminum tablet stamped "4974".....	4, 975. 949
Trout Creek, 2.8 miles north of, 28 feet west of road, 15 feet due west of boulder, in rock; aluminum tablet stamped "4821".....	4, 822. 266
Trout Creek, 1.6 miles north of, 40 feet north of road junction; iron post stamped "4679".....	4, 681. 113
Trout Creek, 4.84 miles south of, 25 feet west of road, on top of sandy ridge, between two salt marshes; iron post stamped "4735".....	4, 737. 555
Trout Creek, 7.81 miles south of, 10 feet east of road, 30 feet south of four-corners; point on lava rock.....	4, 773. 90
Gandy, 9 miles north of, 50 feet west of junction with road running south-west, 10 feet south of road; iron post stamped "4837".....	4, 839. 311
Gandy, 3.2 miles north of, 40 feet west of road, 150 feet south of road running northwest; iron post stamped "5014".....	5, 016. 340
Gandy, 2.42 miles southeast of, 35 feet west of road, 1,175 feet north of road running north, in rock; aluminum tablet stamped "4949".....	4, 950. 292
Smithville, 1,260 feet west of post office, 100 feet south of road, 40 feet west of gate to George Bishop's ranch house, in rock; aluminum tablet stamped "4881".....	4, 883. 590
Smithville, 6.15 miles south of, 20 feet west of road, 270 feet south of point where road crosses sand dunes, in marble rock; aluminum tablet stamped "4889".....	4, 890. 938
Simonson's ranch, 300 feet northeast of, at northwest corner of field fence, in rock; aluminum tablet stamped "4956".....	4, 958. 362
Simonson's ranch, 6.25 miles east of, 15 feet south of road; iron post stamped "4867".....	4, 869. 207
Cowboy Pass, 4.6 miles west of, 40 feet south of road, in rock; aluminum tablet stamped "5162".....	5, 164. 110
Cowboy Pass, 3.1 miles west of, 5 feet south of road, at point where road makes a sharp bend to east into mouth of canyon; point on rock.....	5, 353. 50

Gandy via Foote's ranch and Bishop Spring to Cowboy Pass.

Foote's ranch, 4.6 miles northwest of, 5 feet north of road, at southeast corner of fence around Conkling's ranch; iron post stamped "4826".....	4, 835. 090
Foote's ranch, 0.8 mile northwest of, on north side of road, 300 feet west of dim road north; iron post stamped "4819".....	4, 827. 010
Bishop Spring, 0.9 mile northwest of, 10 feet east of road, 300 feet northeast of Foote's Spring; point on rock marked "4817".....	4, 825. 21

Bishop Spring, 6.12 miles southeast of, 10 feet south of road, 70 feet east of road west to Smithville, in rock; aluminum tablet stamped "4962"..... 4, 971. 442 Feet.

Cowboy Pass to Tule Spring.¹

Cowboy Pass, 50 feet north of road, 10 feet west of divide, in limestone outcrop; aluminum tablet stamped "5707"..... 5, 716. 181
 Cowboy Pass, 6.1 miles east of, 15 feet south of road, in limestone rock, beside rock monument; aluminum tablet stamped "4841"..... 4, 850. 445
 Tule Spring, 15 feet east of North Spring, 20 feet north of road; iron post stamped "4411"..... 4, 420. 444

Bishop Spring to Tule Spring.

Bishop Spring, 3.2 miles southeast of, at point where road makes sharp bend to northwest, on south end of small nose, in limestone outcrop; aluminum tablet stamped "5176"..... 5, 185. 315
 Bishop Spring, 8.5 miles southeast of, forks of road at top of divide, 40 feet east of divide, 50 feet north of forks, in limestone rock; aluminum tablet stamped "5963"..... 5, 972. 288
 Tule Spring, 9.97 miles northwest of, on north side of road, 25 feet east of dim road south, at mouth of canyon; point on rock marked "5376"..... 5, 385. 77
 Tule Spring, 6.15 miles northwest of, 20 feet north of road; iron post stamped "4735"..... 4, 744. 313

Point 2.1 miles northwest of Joy via Swasey Spring road to crossroads, 4.5 miles east of Antelope Spring.

Joy, 8.26 miles southwest of, 40 feet east of road; iron post stamped "5146"..... 5, 147. 973
 Joy, 14.5 miles southwest of, 20 feet west of road; iron post stamped "5026"..... 5, 027. 556
 Joy, 21.29 miles southwest of, 50 feet east of road, in blue limestone rock; aluminum tablet stamped "5222" (witness mark, slate slab 2 feet east of tablet)..... 5, 223. 699

Tule Spring via Antelope Spring and Crafts to Desert.

Tule Spring, 6.06 miles east of, 45 feet north of road, in rock on west side of rock monument; aluminum tablet stamped "4759"..... 4, 768. 779
 Antelope Spring, 1.16 miles west of, at top of main divide of House range, 20 feet north of road, 15 feet west of divide, in limestone outcrop; aluminum tablet stamped "6740"..... 6, 742. 432
 Antelope Spring, 5.05 miles east of, 40 feet south of road, on end of small nose between two washes, in oblong boulder; aluminum tablet stamped "5547"..... 5, 549. 503
 Soap Hollow, 1.5 miles east of, at top of ridge, 200 feet east of saddle, 50 feet north of road, in sandstone outcrop; aluminum tablet stamped "5001"..... 5, 002. 731

Tintic special quadrangle.

JUAB AND UTAH COUNTIES.

The approximate elevations in the following list are based on an iron post set in the ground at the northeast corner of the courthouse at Eureka and stamped "6394." The height of this post is derived from the elevation of the top of the rail in front of the station of the San Pedro, Los Angeles & Salt Lake R. R. at Eureka, given as 6,387 feet by the railway officials. From this the elevation of the central datum point has been accepted as 6,394.453 feet above mean sea level.

The leveling was done in 1897 by A. B. Searle.

¹ The error of this line is excessive.

Eureka to Diamond Divide via Robinson, Silver City, and Diamond.

Feet.

Eureka, junction of San Pedro, Los Angeles & Salt Lake R. R. and Denver & Rio Grande R. R.; top of rail	6, 177. 59
Robinson, southeast corner of lawn at Hotel Mammoth; iron post stamped "6382"	6, 381. 755
Diamond, northwest corner of lot, in southeast angle of cross streets in center of town; iron post stamped "6240"	6, 240. 417
Diamond Divide, beside large rock at base of small cedar tree, at east end of long flat near head of Water and Government canyons; iron post stamped "6790"	6, 789. 505

Silver City down Tintic Valley to point near McIntire's ranch.

T. 11 S., R. 3 W., northwest corner of sec. 14, junction of road from Silver City and road from Mammoth to McIntire's ranch, west side of old grade of Denver & Rio Grande R. R., about 500 feet north of trestle; iron post stamped "5686"	5, 686. 418
T. 12 S., R. 3 W., SE. $\frac{1}{4}$ NW. $\frac{1}{4}$ sec. 11, on north side of draw, in angle formed by road from McIntire's ranch and old road leading off to northeast; iron post stamped "5771"	5, 771. 368

Up Copperopolis Creek.

T. 12 S., R. 3 W., northeast corner of sec. 1, mound of earth just south of wagon road at junction of drainages; iron post stamped "6124"	6, 124. 419
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Up Kimball Creek.

Big and Little Dog canyons, near junction of, on east side of wagon road, about 0.2 mile north of junction of streams; iron post stamped "5739"	5, 739. 079
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Up Cottonwood Canyon.

Cottonwood Canyon, head of, about 600 feet east of wagon road, about 250 feet north of Juab County, Utah County line, under lone tree; iron post stamped "6228"	6, 228. 089
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Diamond Divide to Eureka, via Government Canyon, Iron Spur, and Homansville.

Goshen Valley, northwest corner of T. 11 S., R. 1 W.; iron post stamped "4793"	4, 793. 136
Goshen Valley, at northwest corner of T. 10 S., R. 1 W.; iron post stamped "4978"	4, 978. 475

Frisco special quadrangle.**BEAVER COUNTY.**

The elevations in the following list are based on the height of a bench-mark post 400 feet north of the station at Milford, accepted as 4,955.974 feet, as determined by the Coast and Geodetic Survey preliminary 1911 adjustment.

The leveling was done in 1904 by R. A. Farmer and in 1905 by Fred McLaughlin, and was originally based on railroad datum; hence the erroneous stamping of bench marks.

Milford west along San Pedro, Los Angeles & Salt Lake R. R. (Frisco branch) to Frisco (mean of two runs).

Feet.

Milford, in front of station; top of rail	4, 958. 5
Milford, 300 feet south of station, 50 feet west of main track, 5 feet north of telephone pole; iron post stamped "5035"	4, 957. 628

Milford, 400 feet north of station, 50 feet west of main track, 10 feet south of telephone pole; iron post stamped "5034" (Coast and Geodetic Survey value).....	Feet. 4, 955. 974
Milford, 1 mile south of, 8 feet west of milepost 259, 20 feet north of track; iron post stamped "5059 F R R".....	4, 981. 254
Milepost 262, 10 feet north of, 20 feet north of track; iron post stamped "5229 F R R".....	5, 151. 400
Solus, 2.5 miles east of, 100 feet east of bridge 224, 20 feet north of track; iron post stamped "5495 F R R".....	5, 417. 640
Solus, 20 feet south of signboard, 30 feet south of track; iron post stamped "5726".....	5, 647. 920
Frisco, 4.5 miles east of, 15 feet east of milepost 270, 20 feet north of track; iron post stamped "5946".....	5, 868. 369
Frisco, 2 miles east of, 150 feet east of trestle 236, 25 feet north of track; iron post stamped "6364".....	6, 286. 429
Frisco, 100 feet east of station, 30 feet north of track, east side of Main Street; iron post stamped "6450 F R R".....	6, 372. 238
Frisco west along highway to Newhouse (single line checked by secondary leveling).	
Frisco, 100 feet south of station; iron post stamped "6443".....	6, 364. 947
Squaw Springs, 1.3 miles west of, 100 feet south of wagon road, in black rock 1 by 3 by 2 feet out of ground; tablet stamped "5862".....	5, 783. 904
Newhouse, 10 feet east of reservoir; iron post stamped "5320".....	5, 242. 054

Iron Springs special quadrangle.

IRON COUNTY.

The elevations in the following list depend upon the height of a bench mark at Lund station accepted as 5,080.831 feet, as determined by the Coast and Geodetic Survey preliminary 1911 adjustment.

The leveling was done in 1905 by George F. Maglett.

Lund southeast along road to Hamilton Fort.

Lund, 200 feet north of station, 50 feet west of main track, 10 feet east of road; iron post stamped "RLUND 5092".....	Feet. 5, 080. 831
Lund, 3 miles southeast of, 20 feet south of road; iron post stamped "RLUND 5106".....	5, 095. 848
Lund, 6 miles southeast of, 20 feet south of road; iron post stamped "RLUND 5131".....	5, 120. 350
Lund, 9 miles southeast of, 20 feet south of road; iron post stamped "RLUND 5168".....	5, 158. 321
Lund, 12 miles southeast of, 20 feet south of road; iron post stamped "RLUND 5203".....	5, 192. 561
Lund, 15 miles southeast of, 15 feet south of road; iron post stamped "RLUND 5263".....	5, 253. 239
Lund, 18 miles southeast of, 20 feet south of road; iron post stamped "RLUND 5317".....	5, 307. 045
Lund, 20.75 miles southeast of, 100 feet south of road, 15 feet northeast of old rock house; iron post stamped "RLUND 5365".....	5, 354. 456
Lund, 23 miles southeast of, 400 feet southwest of Root's house, 20 feet southwest of road; iron post stamped "RLUND 5414".....	5, 404. 071
Iron Springs, 0.25 mile east of, 20 feet east of road forks; iron post stamped "RLUND 5470".....	5, 460. 101
Iron Springs, 3.25 miles south of, 50 feet south of road forks; iron post stamped "RLUND 5495".....	5, 484. 712

Iron Springs, 6.5 miles south of, 2.5 miles west of Hamilton Fort, 20 feet northeast of road; iron post stamped "RLUND 5497".....	Feet. 5,486.798
Iron Springs, 9.25 miles south of, 0.25 mile west of Hamilton Fort, 15 feet north of road forks; iron post stamped "RLUND 5631".....	5,620.893

Hamilton Fort west to Duncan's ranch, thence north to point 9 miles southeast of Lund.

Shirts Lake, 200 feet west of, 1 mile northwest of house, 10 feet west of road; iron post stamped "RLUND 5454".....	5,443.957
Hamilton Fort, 7 miles west of, 15 feet north of Cedar City and Pinto Creek road; iron post stamped "RLUND 5689".....	5,679.011
Duncan's ranch, 600 feet northeast of house, 30 feet south of road forks; iron post stamped "5983 RLUND".....	5,972.830
Duncan's ranch, 3 miles north of, 3,000 feet north of road forks, 20 feet east of road; iron post stamped "RLUND 5843".....	5,832.742
Duncan's ranch, 11 miles north of, 3.5 miles due west of old rock house, 1,200 feet south of Iron Springs-Antelope road; iron post.....	5,414.334
Old rock house, 9 miles west of, 4 miles northeast Antelope Springs, 70 feet south of road forks; iron post stamped "RLUND 5367".....	5,355.774
Antelope Spring, 5.75 miles northeast of, 3.75 miles north of road forks, 0.5 mile east of Pioche-Hot Springs road; iron post stamped "RLUND 5187".....	5,176.702

Browns Park, Coalville, Fort Douglas, Gilbert Peak, Hayden Peak, Marsh Peak, Red Creek, Strawberry Valley, Theodore, and Vernal 30' quadrangles (Ashley, Salt Lake, and Uinta 1° quadrangles).

SALT LAKE, SUMMIT, UINTA, UTAH, AND WASATCH COUNTIES.

The elevations in the following list are based upon the heights of bench marks of the United States Geological Survey at Evanston, Wyo., and Echo, Utah, redetermined by the transcontinental precise level line of the Coast and Geodetic Survey.

The leveling was done in the Coalville quadrangle in 1899 and 1900 by L. C. Woodbury and E. W. Glafcke, respectively; in the Gilbert Peak, Marsh Peak, and Vernal quadrangles in 1902 by Glafcke; in the Strawberry Valley and Red Creek quadrangles in 1900 by Glafcke; in the Theodore quadrangle in 1900-1901 by Glafcke; in the Hayden Peak quadrangle in 1897-98 by E. W. Hills and in 1901-2 by Glafcke; and in the Fort Douglas quadrangle in 1899 and 1901 by Woodbury and Glafcke, respectively. Additional leveling was done in the Browns Park and Marsh Peak quadrangles in 1905 by J. H. Kent and in the Fort Douglas quadrangle in 1910 by L. F. Biggs, the work in the latter quadrangle being a portion of the double line from Salt Lake City, Utah, to Grand Junction, Colo.

FORT DOUGLAS 30' QUADRANGLE (SALT LAKE 1° QUADRANGLE),

Salt Lake City east along Denver & Rio Grande R. R. to Kimballs (double-rodged line).

	Feet.
Salt Lake City, in front of Oregon Short Line R. R. station; top of rail..	4,255.0
Salt Lake City, meridian mark at the southwest corner of city and county building grounds, corner of State and Fifth streets south, cemented in stone post; bronze tablet stamped "4251 SLAK".....	4,252.171

Salt Lake City, at southeast corner of brick building known as Cook's Hall, at corner of Ninth Street East and Twelfth Street South, on top of projecting brick; cut cross.....	Feet. 4, 331. 02
Salt Lake City, corner Eleventh Street East and Twelfth Street South, 2 feet north of sidewalk and 100 feet northeast of street crossing; iron post stamped "4352 SLAK".....	4, 353. 867
Salt Lake City, 7.8 miles southeast of, 2.0 miles east of Starbuck's "Model Dairy Ranch," in east end of north wall of city waterworks reservoir; top of bolt head stamped "4736".....	4, 737. 83
Salt Lake City, 11.5 miles southeast of, 3.6 miles southeast of city waterworks, 0.25 mile below section house at road crossing, between railroad and creek; iron post stamped "5234 SLAK".....	5, 235. 760
Barclay, below railroad and above water tank and section house; iron post stamped "6204 SLAK".....	6, 205. 840
Summit, about 100 feet east of wagon road, on side of hill just below oak brush; iron post stamped "7041 SLAK".....	7, 041, 950
Summit, 3.7 miles southeast of, beside railroad, back of buildings at Anderson's ranch, about 0.5 mile east of Gogorza; iron post stamped "6304 SLAK".....	6, 305. 830
Kimball's, fence corner at road crossing; iron post stamped "6364 SLAK".....	6, 365. 615

Kimball's southeast to Park City (double spur line).

Park City, 3.4 miles northwest of, west side of railroad track, north side of public road, at fence corner; iron post stamped "6636 SLAK".....	6, 636. 828
Park City, 1.0 mile north of, sec. 9, T. 2 S., R. 4 E., at side of public road 50 feet west of southeast corner of cemetery fence; iron post stamped "6804 SLAK".....	6, 805. 660
Park City, sec. 16, T. 2 S., R. 4 E., first ward school building, northeast corner of grounds; iron post stamped "6973 SLAK".....	6, 974. 777

Deer Park south up Ontario Gulch to top of mountains above Quincy mine and back through Empire Canyon.

Ontario mill, mouth of old drain tunnel, northeast corner of masonry wall, top of foundation stone; chisel mark.....	7, 274. 51
T. 2 S., R. 4 E., NW. $\frac{1}{4}$ sec. 28, Daily mine No. 2, northwest corner of stone embankment around front yard of boarding house; aluminum tablet stamped "8176 SLAK".....	8, 177. 029
T. 2 S., R. 4 E., east side of sec. 29, Quincy mine No. 1, 100 feet west of hoist works, on north slope of divide, at head of Empire Canyon, in large quartzite ledge; aluminum tablet stamped "8499 SLAK".....	8, 500. 214
Daily West mine, southeast corner of scales, in heavy timber, 50 feet north of assay office; marked nail.....	8, 331. 50
Daily No. 1 mine, southwest corner of hoist works, in foundation stringer; spike.....	8, 084. 81
T. 2 S., R. 4 E., SW. $\frac{1}{4}$ sec. 21, 300 feet southwest of house at mouth of canyon, west side of narrow canyon, in cliff, 20 feet west of road; aluminum tablet stamped "7658 SLAK".....	7, 659. 505

Quincy mine via Brighton, Alta, Bonanza Flat, and Silver Lake to point 4 miles northwest of Brighton Hotel (spur line).

Divide between Bonanza Flat and Big Cottonwood Creek, summit of, 75 feet south of road, in large granite boulder; aluminum tablet stamped "9750 SLAK".....	9, 740. 409
Silver Lake, Brighton Hotel, 15 feet north of north end of lake, in large boulder; aluminum tablet stamped "8739 SLAK".....	8, 729. 269

Alta Divide, summit of, between Twin Lakes and Little Cottonwood Creek, 20 feet north of trail, in granite ledge, beside rock; aluminum tablet stamped "10002 SLAK".....	Feet. 9,992.271
Alta, 100 feet north of road between Columbus Mine and Alta, in ledge of limestone on small knoll; aluminum tablet stamped "8594 SLAK"....	8,583.954
Brighton Hotel, 1.9 miles northwest of 300 feet north of Big Cottonwood Creek, 50 feet north of road, at clearing, in granite boulder 6 by 6 by 5 feet; aluminum tablet stamped "8044 SLAK".....	8,034.730
Brighton Hotel 4.0 miles northwest of, 250 feet north of creek, 60 feet north of edge of road at Wilson's sawmill, in large granite boulder; aluminum tablet stamped "7451 SLAK".....	7,441.477

Salt Lake City south along Denver & Rio Grande R. R. to Riverton.

Salt Lake City, southeast corner of Temple Street South and Third Street West, 13.12 feet west of saloon entrance in Railroad Exchange Hotel, 213.2 feet southeast of southeast corner of Oregon Short Line R. R. passenger station, 5 feet east of curb on Third and Temple streets, 18 feet south of curb on Temple Street South; iron post.....	4,259.400
Salt Lake City, in front of Denver & Rio Grande R. R. station; top of rail.....	4,225.7
Salt Lake City, 600 feet south of Utah Portland Cement Works, in base of milepost 38; spike with aluminum tag stamped "4225".....	4,226.89
Salt Lake City, 2.8 miles south of, in base of milepost 39; spike with aluminum tag stamped "4225".....	4,225.10
Salt Lake City, 3.9 miles south of, in base of milepost 40; spike with aluminum tag stamped "4233".....	4,232.96
Salt Lake City, 4.7 miles south of, 600 feet north of milepost 41, east end of retaining wall of railroad at concrete bridge over small creek; aluminum tablet stamped "4239-1".....	4,238.727
Salt Lake City, 5.9 miles south of, in base of milepost 42; spike with aluminum tag stamped "4256".....	4,256.53
Salt Lake City, 6.9 miles south of, in base of milepost 43; spike with aluminum tag stamped "4276".....	4,276.12
Cahoons, in front of station; top of east rail.....	4,284.9
Murray, 0.5 mile north of, in base of milepost 44; spike with aluminum tag stamped "4294".....	4,294.099
Murray, 150 feet east of station, southwest corner of American Smelting & Refining Co.'s property, 5 feet west of flagman's cabin, in stone pier 12 by 12 inches; aluminum tablet stamped "4310-2".....	4,309.793
Murray, 0.5 mile south of station, in base of milepost 45; spike with aluminum tag stamped "4318".....	4,318.034
Murray, 1.5 miles south of, in base of milepost 46; spike with aluminum tag stamped "4332".....	4,331.889
Murray, 2.5 miles south of, in base of milepost 47; spike with aluminum tag stamped "4348".....	4,347.932
Midvale, 1,000 feet west of station, northeast corner of brick building used as boarding house, 150 feet east of intersection of Main and Center streets, 5 feet above ground; aluminum tablet stamped "4354-3".....	4,353.762
Midvale, 0.5 mile south of, in base of milepost 48; spike with aluminum tag stamped "4360".....	4,360.231
Midvale, 1.5 miles south of, in base of milepost 49; spike with aluminum tag stamped "4356".....	4,355.865
Midvale, 2.5 miles south of, in base of milepost 50; spike with aluminum tag stamped "4372".....	4,371.817

Midvale, 3.2 miles south of, northeast corner of concrete culvert 727A, 10 feet east of track; aluminum tablet stamped "4378-4".....	Feet. 4, 378. 345
Midvale, 3.5 miles south of, in base of milepost 51; spike with aluminum tag stamped "4380".....	4, 380. 495
Midvale, 4.5 miles south of, in base of milepost 52; spike with aluminum tag stamped "4390".....	4, 390. 225
Riverton, 150 feet north of station, west side of track, in base of telephone pole; spike with aluminum tag stamped "4409".....	4, 409. 572
Riverton, 0.5 mile south of, in base of milepost 54; spike with aluminum tag stamped "4411".....	4, 411. 001
Riverton, 1.5 miles south of, in base of milepost 55, spike with aluminum tag stamped "4417".....	4, 417. 389
Riverton, 2 miles south of, 5 feet east of track, northeast corner of concrete culvert 722A; aluminum tablet stamped "4426-5".....	4, 425. 968

STRAWBERRY VALLEY 30' QUADRANGLE (SALT LAKE 1° QUADRANGLE).

Deep Creek west via Strawberry and Daniels creeks to Heber.

Deep Creek, 100 feet north of, 10 feet north of road, 400 feet west of intersection of road with Deep Creek, in large sandstone ledge; bronze tablet stamped "7300 SLAK" (the rim of this tablet has been chipped off by Indians).....	7, 300. 848
Soldier Springs, 360 feet northwest of, in large sandstone ledge 200 feet north of road; bronze tablet stamped "7634 SLAK".....	7, 635. 337
Coal Creek, 200 feet north of, 250 feet north of road in canyon on south slope of hill, in large sandstone ledge; bronze tablet stamped "7750 SLAK".....	7, 751. 383
Strawberry Creek, 300 feet north of north fork of, 50 feet north of trail, in granite boulder at mouth of draw; bronze tablet stamped "7775 SLAK".....	7, 776. 519
Divide between Strawberry Creek and Daniels Creek, summit of, 250 feet north of trail, in sandstone boulder; bronze tablet stamped "7994 SLAK".....	7, 995. 567
Daniels Canyon, north side of road, west end of grade, at mouth of small draw; iron post stamped "7112 SLAK".....	7, 112. 968
Daniels Canyon, 20 feet northeast of road, 150 feet southwest of creek, in small clearing, 3.8 feet southeast of canyon; iron post stamped "6580 SLAK".....	6, 581. 565
Daniels Canyon, 3 miles south of mouth of, 400 feet east of creek, 15 feet east of road on bench; iron post stamped "6227 SLAK".....	6, 228. 316
J. J. Howe's ranch, mouth of Daniels Canyon, 300 feet northeast of residence, 75 feet north of gate to, 20 feet northeast of road; iron post stamped "6018 SLAK".....	6, 020. 276

COALVILLE 30' QUADRANGLE (SALT LAKE 1° QUADRANGLE).

Kimball via Wanship, Oakley, Knight's ranch, Hallstone, and Park City to Kimball.

Atkinson, SE. $\frac{1}{4}$ sec. 10, T. 1 S., R. 4 E., near railroad on side of hill opposite Paces ranch on Silver Creek; iron post stamped "6444 SLAK".....	6, 445. 585
Wanship, sec. 20, T. 1 N., R. 5 E., in northwest corner of Latter Day Saints' meetinghouse yard, iron post stamped "5860 SLAK".....	5, 861. 548
Rockport, sec. 4, T. 1 S., R. 5 E., east side of wagon road at southwest corner of public hall; iron post stamped "6009 SLAK".....	6, 010. 094
Peoa, sec. 23, T. 1 S., R. 5 E., in angle of fence at southwest corner of H. B. Williams yard, iron post stamped "6189 SLAK".....	6, 190. 545
Oakley, 0.5 mile north of, sec. 19, T. 1 S., R. 6 E., southwest of crossroads; iron post stamped "6515 SLAK".....	6, 516. 613
Marion, 0.5 mile north of, sec. 33, T. 1 S., R. 6 E., northeast of crossroads, beside main road; iron post stamped "6451 SLAK".....	6, 452. 701
Kamas, sec. 14, T. 2 S., R. 6 E., southwest corner of Main Street schoolhouse grounds; iron post stamped "6473 SLAK".....	6, 473. 919

T. 3 S., R. 6 E., near quarter corner on north side of sec. 4, at side of county road on Provo River, in front of James A. Knight's house; iron post stamped "6505 SLAK"	Feet. 5, 506. 561
Hailstone, T. 2 S., R. 5 E., sec. 32, at junction of Provo River-Heber road with Park City-Heber road, 0.25 mile east of and across creek from Davis ranch, in front of schoolhouse; iron post stamped "5959 SLAK"	5, 960. 505
T. 2 S., R. 4 E., sec. 1, on summit of divide between Park City and Canyon leading down to Provo River, at point where wagon road crosses old railroad grade; iron post stamped "6726 SLAK"	5, 727. 642

Hailstone via Heber to Midway.

T. 3 S., R. 5 E., sec. 18, in southeast corner of Riverdale schoolhouse yard; iron post stamped "5714 SLAK"	5, 715. 685
Heber, in top of stone post near southeast corner of courthouse grounds; bronze tablet stamped "5593 SLAK"	5, 594. 334
Midway, sec. 35, T. 3 S., R. 4 E., at corner of Main Street and Park City road on lot owned by Wallace E. Potter; iron post stamped "5567 SLAK" ..	5, 568. 545

Wanship via Union Pacific R. R. to Coalville.

T. 2 N., R. 5 E., near quarter corner on north side of sec. 33, 136 feet east of highway crossing; iron post stamped "5708 SLAK"	5, 709. 641
Coalville, opposite southeast corner of station; top of east rail	5, 571. 4
Coalville, 0.5 mile northeast of, sec. 8, T. 2 N., R. 5 E., south meridian mark stamped "5607 SLAK"	5, 608. 103
Coalville, 0.6 mile northeast of sec. 8, T. 2 S., R. 5 E., north meridian mark stamped "5583 SLAK"	5, 584. 329

Coalville east along wagon road up Chalk Creek via Upton to Wyoming State corner.

T. 2 N., R. 5 E., sec. 11, on east side of county road, 300 feet south of bend in road, below mouth of "The Narrows;" iron post stamped "5746 SLAK" ..	5, 747. 459
T. 2 N., R. 6 E., sec. 5, at forks of main Chalk Creek road and road up south fork of Chalk Creek, across creek from and 0.5 mile northwest of Huffman's ranch; iron post stamped "5938 SLAK"	5, 939. 396
Upton, 0.5 mile east of post office, sec. 26, T. 3 N., R. 6 E., at southeast corner of schoolhouse yard, north side of county road; iron post stamped "6182 SLAK"	6, 183. 318
T. 2 N., R. 7 E., sec. 4, 160 feet east of bridge across Chalk Creek, 175 feet southeast of Deming schoolhouse, south side of county road; iron post stamped "6451 SLAK"	6, 452. 256
T. 3 N., R. 7 E., sec. 35 at forks of main Chalk Creek road and East Canyon-Red Hole road, 40 feet east of Chalk Creek road and 100 feet north of Red Hole road, 200 feet below crossing of East Fork; iron post stamped "6712 SLAK"	6, 713. 094
T. 3 N., R. 8 E., sec. 20, 2 miles down canyon from Wyoming State corner, 125 feet southeast of log house; iron post stamped "6897 SLAK"	6, 898. 127
T. 3 N., R. 8 E., sec. 16, Wyoming State corner, at head of Chalk Creek, in red stone post; bronze tablet stamped "7150 SLAK EVAN"	7, 150. 847

Coalville north along Union Pacific R. R. to Echo.

Grass Creek, sec. 32, T. 3 N., R. 5 E., west side of county road, 0.5 mile north of station, in front of brick residence; iron post stamped "5486 SLAK"	5, 487. 577
Echo, T. 3 N., R. 4 E., sec. 24, east side of wagon road at south end of street, under high hill; iron post stamped "5465 SLAK"	5, 466. 393
Echo, in front of station, main line, Union Pacific R. R.; top of rail ..	5, 460. 0

Oakley east along wagon road up Weber Canyon.	Feet.
T. 1 S., R. 6 E., sec. 12, at forks of main canyon road with road up south fork of Weber Canyon; iron post stamped "6787 SLAK".....	6,787.692
T. 1 N., R. 7 E., sec. 31, at forks of main Weber River road and road leading over divide to south fork of Chalk Creek, across river from and about 1 mile northeast of George Wiles's ranch; iron post stamped "6983 SLAK".....	6,984.443
T. 1 N., R. 7 E., sec. 26, at forks of road in main Weber Canyon with road leading up Smith and Moorehouse Canyon; iron post stamped "7308 SLAK".....	7,308.807
T. 1 N., R. 8 E., sec. 30, 2 miles northeast of high timbered peak on south side of Weber River, 0.25 mile south of Weber River, 10 feet south of road, 200 feet south of large dark rock north of wagon road; iron post stamped "7607 SLAK EVAN".....	7,608.305
T. 1 N., R. 8 E., sec. 21, 50 feet west of bridge over Weber River, at old bridge and ford on Larrabee's ranch, 0.5 mile south of Larrabee's house and log barn, about 150 yards northeast of small lake, rock on road south and west of river; bronze tablet stamped "7682 EVAN".....	7,683.184
T. 1 N., R. 8 E., sec. 23, 100 feet north of old setting of sawmill, at foot of divide, about 3 miles west of Summit Pass over Uinta Mountains, at forks of wagon road to Holiday Park; iron post stamped "7855 EVAN".....	7,856.540
Kamas east along Provo River to divide between South Fork and Soapstone Basin.	
T. 3 S., R. 6 E., east side of sec. 12, 1.3 miles east of Woodland post office, 250 feet north of bridge across Provo River, 30 feet southwest of road; iron post stamped "6804 SLAK".....	6,805.309
T. 3 S., R. 7 E., sec. 15, R. L. Jones's ranch, 250 feet northwest of house, between forks of road up east and west forks of Provo Creek, 300 feet east of Provo River; iron post stamped "7129 SLAK".....	7,129.938
T. 3 S., R. 7 E., sec. 24, 0.5 mile southeast of Oor ranch, between forks of road, at base of grade, 0.5 mile north of South Fork of Provo River; iron post stamped "7522 SLAK".....	7,523.348
T. 3 S., R. 8 E., about northeast corner of sec. 29, unsurveyed township, divide between South Fork of Provo River and Soapstone Basin, 70 feet south of road, in large sandstone boulder; bronze tablet stamped "9285 SLAK".....	9,286.359
HAYDEN PEAK 30' QUADRANGLE (UINTA 1° QUADRANGLE).	
Sec. 30, T. 3 N., R. 10 E., along upper Bear River and Yellow Creek valleys (part of circuit extended from Evanston, Wyo.).	
T. 3 N., R. 10 E., sec. 30, east bank of Bear River, 0.2 mile above mouth of West Fork, 5 feet west of road; iron post stamped "8038 EVAN".....	8,039.383
T. 3 N., R. 10 E., sec. 31, on West Fork of Bear River, 1 mile southwest of mouth, west side of wagon road, 500 feet northwest of river; iron post stamped "8106 EVAN".....	8,107.560
T. 2 N., R. 10 E., sec. 9, 0.5 mile east of Bear River, 3.25 miles above mouth of West Fork, large white flint rock at intersection of roads; copper bolt stamped "8327 EVAN".....	8,328.202
T. 2 N., R. 10 E., sec. 17, 180 feet east of mouth of East Fork of Bear River; iron post stamped "8330 EVAN".....	8,330.694
T. 2 N., R. 10 E., sec. 20, 2 miles northeast of mouth of Stillwater Fork, 0.2 mile east of Bear River; iron post stamped "8418 EVAN".....	8,419.241
T. 2 N., R. 10 E., sec. 32, 0.8 mile above mouth of Hayden Fork, 12 feet east of wagon road, 300 feet from two old cabins on east bank of stream; iron post stamped "8587 EVAN".....	8,587.688

	Feet.
T. 1 N., R. 10 E., sec. 4, on Stillwater Fork of Bear River, 1.25 miles south-east of mouth of Hayden Fork, 10 feet west of wagon road, east side of river; iron post stamped "8661 EVAN"	8, 662. 580
T. 1 N., R. 10 E., sec. 15, on Stillwater Fork of Bear River, 3.6 miles south-east of mouth of Hayden Fork, east side of river; iron post stamped "8792 EVAN"	8, 793. 317
T. 1 N., R. 10 E., sec. 7, 3 miles from Bear River ford, west side of Hayden Fork, south of road junction; iron post stamped "8805 EVAN"	8, 805. 817
T. 1 N., R. 9 E., sec. 24, on Hayden Fork, 6 miles above its junction with Bear River, 12 feet east of wagon road, west side of fork, 2 miles above bridge; iron post stamped "9048 EVAN"	9, 049. 510
T. 1 N., R. 9 E., sec. 13, 3 miles southwest of Hayden Fork, 25 feet south-east of wagon road, 8 feet north of large splintered rock; bronze tablet stamped "9466 EVAN"	9, 440. 641
T. 1 N., R. 8 E., sec. 14, 3.5 miles southwest of Hayden Fork, 0.8 mile east of high divide between Hayden Fork and West Fork; iron post stamped "9555 EVAN"	9, 529. 838
T. 1 N., R. 9 E., sec. 15, 2 miles east of Summit Pass over range at head of Weber River, 2 miles north of Hayden Fork, top of divide between Hayden Fork valley and Deer Creek valley, 6 feet west of wagon road; iron post stamped "9960 EVAN"	9, 935. 252
T. 2 N., R. 9 E., sec. 33, 160 yards south of west branch of Deer Creek, in Deer Creek valley; iron post stamped "9000 EVAN"	8, 975. 362
T. 2 N., R. 9 E., sec. 19, 1.8 miles south of old Moss sawmill, about 0.1 mile west of West Fork of Deer Creek, 1 mile north of old setting of Moss sawmill, about 200 yards east of circular group of pines, 25 feet south of wagon road; iron post stamped "9460 EVAN"	9, 435. 024
T. 2 N., R. 9 E., sec. 17, 200 feet south of new Moss sawmill, 12 feet north of most southerly cabin in sawmill group; iron post stamped "9193 EVAN"	9, 167. 973
T. 3 N., R. 9 E., sec. 31, 21 feet west of Yellow Creek, on road over divide to Deer Creek valley and sawmill, 45 feet west of road crossing of a west branch of Yellow Creek; iron post stamped "8237 EVAN"	8, 212. 031
T. 3 N., R. 9 E., sec. 18, 15 feet east of junction of Yellow Creek road and road leading off it to Bear River, 40 rods west of Yellow Creek, 3 miles southeast of emigrant road crossing of Yellow Creek, 200 yards northeast of long quaking aspen grove on west side of road, about 0.5 mile west of long bare-topped hill across creek; iron post stamped "7608 EVAN"	7, 583. 153

Divide at head of Weber River over pass and down to head of Weber River.

T. 1 N., R. 9 E., sec. 8, 1 mile northeast of pass at head of Weber River, 300 yards north of lake, 100 feet north of small spring by lone balsam tree, in large rock 8 feet west of wagon road by rocky ravine; bronze tablet stamped "9533 EVAN"	9, 508. 468
T. 1 N., R. 9 E., sec. 17, 0.25 mile south of high, round-topped, bare hill, 200 yards south of abandoned coal mine, top of divide near head of Bear River; iron post stamped "9989 EVAN"	9, 964. 306
T. 1 N., R. 9 E., sec. 18, 0.25 mile north of pass over divide near head of Weber River, 0.8 mile north of high bald-topped rocky peak with many rock slides on east side, on top of green bald hill, just north of pass near head of Weber River; iron post stamped "10402 EVAN"	10, 403. 444
T. 1 N., R. 9 E., sec. 18, 0.2 mile west of summit of divide, 5 feet south of road to Weber River and valley, 1 mile north of middle one of three high rocky peaks, in rock; bronze tablet stamped "9834 EVAN"	9, 834. 841

T. 1 N., R. 9 E., sec. 18, 1 mile west of Summit Pass over Uinta Mountains, about 0.5 mile southwest of rough ledge of yellow rocks above pine grove, 12 feet south of wagon road down Weber River; iron post stamped "9222 EVAN"	Feet. 9, 223. 367
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Divide between Big Muddy Creek and Blacks Fork south to Fish Lake, thence east and north along Blacks Fork to mouth of west fork of Blacks Fork of Green River.

T. 3 N., R. 11 E., sec. 25, 1.7 miles northwest of sawmill on Fish Creek, at forks of old and new roads, in heavy pine timber, 300 feet southwest of park, large granite boulder; aluminum tablet stamped "9615 EVAN" ..	9, 616. 389
T. 2 N., R. 11 E., sec. 1, 950 feet southeast of Fish Lake, 20 feet east of road in timber, 300 feet southeast of log hut, in large boulder; aluminum tablet stamped "9762 EVAN"	9, 763. 437
T. 2 N., R. 12 E., sec. 5, 3 miles southeast of Fish Lake, 1.25 miles below intersection of Fish Lake road and Blacks Fork road, at road forks, in boulder beside mound of rocks; aluminum tablet stamped "9081 EVAN"	9, 081. 976
T. 3 N., R. 12 E., sec. 28, 0.8 mile north of forks of Blacks Fork, 40 feet east of road, 500 feet north of small slough or park, 150 feet west of river, on bank, in large boulder; bronze tablet stamped "8816 EVAN"	8, 817. 152

Mouth of east fork of Blacks Fork east over divide to Smith Fork.

T. 3 N., R. 12 E., sec. 36, at summit and east edge of divide between Blacks Fork and Smith Fork, 10 feet north of road; iron post stamped "9900 EVAN"	9, 900. 495
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East fork of Blacks Fork of Green River to Two Baldys.

East fork of Blacks Fork, 800 feet southeast of junction of east and west forks of, 750 feet above ford, at right of wagon road, in small park, in large boulder; bronze tablet stamped "9363 EVAN"	9, 363. 940
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Divide between south fork of Provo River and Soapstone Basin, east to Wolf Creek.

Old sawmill site, upper side of Soapstone Canyon, 175 feet southeast of road to Rhodes Canyon, near small gulch or drain in open country, in large limestone ledge; bronze tablet stamped "9390 SLAK"	9, 391. 127
Rhodes Canyon, west side of, 5 feet from edge of timber, in large granite boulder; bronze tablet stamped "9383 SLAK"	9, 383. 708

GILBERT PEAK 30' QUADRANGLE (UINTA 1° QUADRANGLE).

West Fork of Smith Fork at old steel sawmill southeast to Gilberts Creek, thence south to Two Baldys.

West Fork of Smith Fork River, 400 feet west of, 500 feet northwest of ford of old steel sawmill site; iron post stamped "9373 EVAN"	9, 373. 505
Gilbert Meadows, 1.5 miles south of south end of, 100 feet south of edge of small park in pine timber, near trees blazed and marked all around, in large boulder; bronze tablet stamped "9905 EVAN"	9, 906. 378
Gilbert Meadows, 4.94 miles south of, in small saddle on divide, between east and west forks of Smith Fork, 4 miles N. 65° W. of Gilbert Peak, 125 feet due east of small lake, in rock; bronze tablet stamped "10690 EVAN" ..	10, 691. 121
Two Baldys, saddle between, about 4 miles due west of Gilbert Peak, divide between Blacks Fork and Smith Fork, in large boulder; bronze tablet stamped "11428 EVAN"	11, 429. 322

Gilbert Meadows via south side of China Lake to west branch of Henrys Fork.

Gilbert Meadows, 1 mile east of, top of divide between east and west fork of Smith Fork, 10 feet north of road to China Lake; near mound of rock, in large boulder; bronze tablet stamped "9938 EVAN"	9, 938. 582
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China Lake, 0.23 mile outeast of, 200 yards west of Conger cabin, 10 feet north of road, 400 yards west of east fork of Smith Fork, in large boulder, bronze tablet stamped "9401 EVAN"	Feet. 9,402.071
China Lake, 2.3 miles east of, top of divide between Henrys Fork and Smith Fork, 150 feet east of forks of blazed trails, in large boulder; bronze tablet stamped "10203 EVAN"	10,203.696

RED CREEK 30' QUADRANGLE (UINTA 1° QUADRANGLE).**Wolf Creek southeast down Du Chesne River to upper crossing of Heber road.**

Wolf Creek, 0.5 mile west of, northeast of junction of west fork of Wolf Creek, 75 feet north of road, in large granite boulder; bronze tablet stamped "7305 SLAK"	7,306.238
Du Chesne River, 0.25 mile east of, 100 feet east of edge of bench, 200 feet southwest of trail, in large granite boulder; bronze tablet stamped "6988 SLAK"	6,978.485
Du Chesne River, 0.25 mile east of, 300 feet east of trail, at point of red sandstone cliffs, in large sandstone ledge; bronze tablet stamped "6857 SLAK"	6,858.391
Indian Farms, 0.25 mile south of, 20 feet east of trail, 500 feet east of Du Chesne River; iron post stamped "6624 SLAK"	6,624.842
Du Chesne River, 0.25 mile east of upper crossing of road to Heber, in west face of large sandstone ledge 9 feet across, 0.2 mile east of road fork, 150 feet west of base of sandstone ridge in sagebrush flat; point on ledge (tablet removed by Indians)	6,428.580

Du Chesne River at upper crossing south via Heber road to Deep Creek.

Du Chesne River and Red Creek, divide between, on south side of Dry Canyon (commonly known as "Nigger Heaven"), in sandstone ledge, 50 feet north of road; bronze tablet stamped "6851 SLAK"	6,852.683
Du Chesne River, 7.5 miles south of, 30 feet north of Heber road, in sandstone ledge on small divide; bronze tablet stamped "6717 SLAK"	6,718.476
Red Creek, 3.5 miles northeast of, on east slope of divide, 250 feet south of road, 0.8 mile east of forks of road to Fort Du Chesne and upper crossing, in north end of long sandstone ridge; bronze tablet stamped "6560 SLAK" ..	6,561.361
Red Creek, 1,000 feet east of, south side of road ascending to terrace, in sandstone boulder 7 by 9 by 8 feet; bronze tablet stamped "6553 SLAK" ..	6,553.882
Red Creek and Current Creek, top of divide between, 1.25 miles east of Current Creek and 50 feet north of old trail over divide, in south face of large sandstone ledge 10 by 10 by 8 feet; bronze tablet stamped "7104 SLAK"	7,105.002
Current Creek and Deep Creek, divide between, 10 feet to right of road in large sandstone ledge; bronze tablet stamped "7393 SLAK"	7,394.910

Upper crossing east down Du Chesne River.

Du Chesne River, 3.5 miles southeast of upper crossing of, 100 yards north of first ford across river, 60 feet east of road; iron post stamped "6268 SLAK"	6,258.214
Rock Creek, 300 yards east of, 0.25 mile east of mouth of, north edge of Tabby farm, south of road near fence; iron post stamped "6029 SLAK" ..	6,030.199

THEODORE 30' QUADRANGLE (UINTA 1° QUADRANGLE).**Rock Creek down Du Chesne River to Lake Fork bridge.**

Rock Creek, 3 miles southeast of, 500 feet east of Du Chesne River, 25 feet east of trail; iron post stamped "5900 SLAK"	5,901.255
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Rock Creek, 6.8 miles south of, 0.25 mile east of Du Chesne River, at forks of road; iron post stamped "5789 SLAK".....	Feet. 5,790.640
Du Chesne bridge, 300 feet east of, at forks of road over Blue Bench, 3.5 miles above Strawberry Creek; iron post stamped "5648 SLAK".....	5,638.547
Theodore, mouth of Strawberry Creek, 100 feet east of Du Chesne River, at point of ridge, forks of roads to "Nigger Heaven" and up Du Chesne River; iron post stamped "5517 SLAK".....	5,507.763
Indian Canyon, 1.25 miles west of, 50 feet north of road, 500 feet north of river, on first bench, 0.25 mile west of point of timber; iron post stamped "5378 SLAK".....	5,368.288
Du Chesne River, 300 feet north of, on side of hill at point where road goes over bench to Lake Fork, in sandstone ledge; bronze tablet stamped "5314" SLAK".....	5,304.779
Lake Fork bridge, 100 feet east of, at mouth of Lake Fork, on north side of road; iron post stamped "5117 SLAK".....	5,117.934

Lake Fork bridge and Du Chesne River northwest along road to upper crossing of Du Chesne River.

Lake Fork bridge, 3.1 miles northwest of, 500 feet west of road, 0.25 mile west of river, 200 feet north of small knoll, on large sandstone ledge; bronze tablet stamped "5170 SLAK".....	5,171.144
Lake Fork bridge, 6.20 miles northwest of, 300 feet east of road and fence at Red Caps farm, on northwest end of long sandstone ridge; bronze tablet stamped "5348 SLAK".....	5,349.363
Blue Bench, east edge of, 15 feet north of road, 11 miles northwest of Lake Fork bridge; iron post stamped "5950 SLAK".....	5,951.498
Blue Bench, 3 miles west of, about center of east edge, 10 feet south of road, 0.25 mile south of lone bunch of cedars; iron post stamped "5989 SLAK".....	5,990.444

Mouth of Lake Fork east along road toward Fort Du Chesne.

Du Chesne bridge, 1.8 miles northeast of, 4 miles east of Lake Fork bridge, on edge of second bench, 30 feet north of road to Fort Du Chesne; iron post stamped "5150 EVAN".....	5,124.215
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MARSH PEAK 30' QUADRANGLE (ASHLEY 1° QUADRANGLE).

Point near Burnt Fork, Wyo., to Vernal, thence southwest via Halfway Hollow and Fort Du Chesne to Lake Fork bridge.

Burnt Fork, Wyo., 4 miles south of post office, in Utah, 0.5 mile west of Birch Creek, 6 feet north of road, in large flat boulder; bronze tablet stamped "7537 EVAN".....	7,511.861
Hills ranch, 2 miles southeast of, 250 feet east of east road to Vernal on side of hill, 0.5 mile east of Zeke Edwards' sawmill, in sandstone ledge; bronze tablet stamped "7896 EVAN".....	7,870.977
Carter dugway, top of, 20 feet west of road, 12 miles southeast of Burnt Fork, in limestone ledge; bronze tablet stamped "8760 EVAN".....	8,734.529
Lodgepole Creek, 0.34 mile south of, top of divide between Lodgepole Creek and Sheep Creek drainage, 400 feet north of Sheep Creek canal, 25 feet east of road; in limestone boulder; bronze tablet stamped "8772 EVAN".....	8,746.109
Sheep Creek, 750 feet south of, top of ridge, at edge of large park, 40 feet west of road, in large boulder; bronze tablet stamped "8682 EVAN"....	8,656.646
Beaver Creek, 75 feet north of, at southeast end of park, in head of small canyon, 300 feet southeast of Sheep Creek, 4 feet north of road, in ledge of sandstone; bronze tablet stamped "8477 EVAN".....	8,451.465
Icy Hill dugway, center of, 6 feet west of road, 0.9 mile south of Carters Creek, in sandstone ledge; bronze tablet stamped "8250 EVAN".....	8,224.825

Young Springs, 300 feet north of, east of ford, 12 feet south of road, in large boulder; bronze tablet stamped "8419 EVAN"	Feet. 8,393.838
Summit of Uinta Mountains, 3.7 miles south of Young Springs, 4 feet east of road, in sandstone ledge; bronze tablet stamped "9893 EVAN"	9,866.949
Pat Carl sawmill, 4 miles southeast of summit, 300 feet north of sawmill set, 15 feet north of road, in large boulder; bronze tablet stamped "9589 EVAN"	9,563.784
Oakes sawmill, 0.25 mile south of, 300 feet east of Trout Creek, 15 feet south of road, in large boulder; bronze tablet stamped "9312 EVAN" ..	9,286.365
Old Government sawmill, 0.3 mile south of, in south end of Government Park, at intersection of old corduroy road, in sandstone rock 6 by 4 by 3 feet; bronze tablet stamped "9132 EVAN"	9,106.594
Taylor's Canyon, top of hill, south of road, 30 feet west of road, 2.85 miles southeast of Government sawmill, 1.2 miles north of Dippens, in large sandstone boulder; bronze tablet stamped "9008 EVAN"	8,982.638
Dodds cabin, 1.3 miles southeast of, 19 miles northwest of Vernal, 10 feet east of road, in aspen timber, in large boulder; bronze tablet stamped "8781 EVAN"	8,755.921
Ashley dugway, foot of, 14 miles north of Vernal, 30 feet east of road, in sandstone boulder 8 by 8 by 5 feet; bronze tablet stamped "7960 EVAN"	7,933.889
Ashley Hill, foot of, 30 feet west of road, in cedars, 12 miles north of Vernal, in sandstone ledge; aluminum tablet stamped "6616 EVAN"	6,590.429
Spring Creek, 300 feet west of, 2.5 miles south of Ashley Hill, 5 feet west of road, in sandstone ledge; aluminum tablet stamped "6125 EVAN" ..	6,099.617
William Gibson's ranch, 2.6 miles northwest of, 20 feet north of road, in center of sand gulch, on sandstone ledge; aluminum tablet stamped "5744 EVAN"	5,718.326
William Gibson's ranch, center of sec. 2, T. 4 S., R. 21 E., east side of road, north side of gate, in front yard, edge of lawn, large sandstone shaft in ground; aluminum tablet stamped "5400 EVAN"	5,374.690

Sec. 17, T. 3 S., R. 21 E., southwest along road down Spring Creek to Ashley Creek, thence northwest along road up Dry Fork to Dry Fork village (double-rodged line).

T. 3 S., R. 21 E., S. $\frac{1}{4}$ sec. 17, 300 feet west of Spring Creek, 2.5 miles south of Ashley Hill, 5 feet west of road, in sandstone ledge; tablet stamped "6098"	6,099.665
T. 3 S., R. 21 E., S. $\frac{1}{4}$ sec. 30, near mouth of Dry Fork, 1,000 feet west of Brown's house, 200 feet from road fork, between roads from Vernal to Burnt Fork and Dry Fork, in boulder; tablet stamped "5822"	5,823.722
T. 3 S., R. 20 E., SW. $\frac{1}{4}$ sec. 24, in Dry Fork Canyon, near mouth of Cinder Point Canyon, 10 feet south of road, on large boulder	6,058.756
T. 3 S., R. 20 E., NW. $\frac{1}{4}$ sec. 23, 1 mile south of ranch house, in Dry Fork Canyon, on southwest side of road, 50 feet west of gate on northeast side of road, in sandstone ledge; tablet stamped "6296"	6,297.218
Dry Fork village, T. 3 S., R. 20 E., near schoolhouse, in boulder; tablet stamped "6467"	6,468.728

Lonetree to Bridgeport (portion of line).¹

Linwood, forks of main road and road to Linwood store; iron post stamped "6024"	6,013.528
Finches ranch, opposite, on summit; iron post stamped "5977"	5,975.833

¹For other parts of this line see Twin Buttes and Aspen Mountains quadrangles, Wyoming, and Browns Park quadrangle, Utah (p. 36).

BROWNS PARK QUADRANGLE (ASHLEY 1° QUADRANGLE).Lonetree to Bridgeport (portion of line).¹

Crouses ranch, 50 feet west of road, between residence and barn, in stone on bank; tablet stamped "5440".....	Feet. 5,438.635
Diamond Mountain, at foot of, in stone opposite road to spring; tablet stamped "5688".....	5,689.163

VERNAL 30' QUADRANGLE (ASHLEY 1° QUADRANGLE).

Vernal southwest along road to point 5.5 miles west of Fort Du Chesne.

Vernal, southeast corner of Ashley Cooperative Store building, in capstone; aluminum tablet stamped "5356 EVAN".....	5,330.771
Vernal, 3 miles west of, at turn due west, in telephone road to Vernal and Fort Du Chesne, 5 feet west of corner of crossroads, in sandstone boulder; aluminum tablet stamped "5477 EVAN".....	5,451.421
Vernal, 5.9 miles west of, west side of open cut, top of divide between Ashley Valley and Halfway Hollow, in sandstone ledge; aluminum tablet stamped "5801 EVAN".....	5,775.525
Vernal, 9.5 miles west of, 0.6 miles east of Halfway Hollow, 75 feet north of stage road, at point of sandstone ridge and dry wash; aluminum tablet stamped "5301 EVAN".....	5,274.858
Vernal, 13 miles west of, 60 feet north of road, point of ridge 2.5 miles east of Halfway Hollow, in sandstone ledge; aluminum tablet stamped "5048 EVAN".....	5,022.611
Halfway station, between Vernal and Fort Du Chesne, 200 feet south of forks of road, in large sandstone boulder; aluminum tablet stamped "5030 EVAN".....	5,004.169
Fort Du Chesne, 7.8 miles east of, 3.5 miles west of Halfway Hollow, 25 feet south of road, top of divide between Ute Fork and Halfway Hollow, in sandstone ledge; aluminum tablet stamped "5305 EVAN".....	5,279.021
Fort Du Chesne, 4.1 miles east of, 1 mile east of Gilsonite mines on the Strap, base of sandstone cliff, in sandstone ledge; aluminum tablet stamped "5118 EVAN".....	5,092.103
Fort Du Chesne, 10.9 feet south of point of southeast corner of quarter-master's office, 17.5 feet west of gate, in yard, in sandstone in ground; aluminum tablet stamped "5016 EVAN".....	4,989.943
Fort Du Chesne, 5.5 miles west of, 225 feet north of road, at point of rocks; aluminum tablet stamped "5029 EVAN".....	5,002.871

¹ For other parts of this line see Twin Buttes and Aspen Mountains quadrangles, Wyoming, and Marsh Peak quadrangle, Utah.

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