

Transit Traverse Positions in 1933 on N.A.D.

also

Preliminary Elevations

By: S. C. Kain, 1933

Books: D966-67

9-776

1927 N.A.D.

STATION	LATITUDE	LONGITUDE	DIST. BET. STATIONS Feet
<p>FROM STATION 0 TO STATION 41 OR FROM U.S.G.S. BM. NO. 93 TO U.S.G.S. BM. NO. 16</p> <p>0 USGS BM. Sta. 93 "Mirror Lake, 150 ft. W. of, 135 ft. N. of NE. corner of ice house, 30 ft. S. of trail, 35 ft. SW of 2-ft. pine tree in direct line with Tenaya Canyon, in triangular summit of small boulder, 15-in. above ground; bronze tablet stamped "4094" Elev. 4093.717 ft. (This description copied from U.S.G.S. Bulletin 766, page 458. Delete "135 ft. N. of NE. corner of ice house", said ice house no longer in existence.)</p> <p>Note:-BM. apparently undisturbed and in good condition; tablet stamped "4094.B 1919" (1919 stamped by us in field.) USGS BM Sta. 93</p>	<p>37 44 53.17</p>	<p>119 32 56.48</p>	
<p>6 Mirror Lake, 0.4 mi. SW. of, along Mirror Lake Road, 2 ft. NW. of granite boulder 15 ft. by 20 ft. by 7 ft. above ground elevation of shoulder of Mirror Lake Road, on SE. edge of said rd., 8 ft. NE. of SW. edge of said boulder, 33 ft. SE. of center line of Mirror Lake Road, 54 ft. SE. of sheer granite boulder 7 ft. by 10 ft. by 15 ft. high situated on NW edge of said rd., said granite boulder showing 5 drill marks in face; copper nail and washer cemented in 2-in. in diameter galvanized iron pipe set flush with ground, being a temporary bench mark. (Elev. 4015.616 ft.) T.B.M. 93 - 1</p>	<p>37 44 39.10</p>	<p>119 33 06.21</p>	<p>1524</p>

INACTIVE FILES

YOSEMITE VALLEY NATIONAL PARK (contd.)

1927 N.A.D.

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STATION	LATITUDE	LONGITUDE	DIST. BET. STATIONS Feet
9 Mirror Lake, 0.6 mi. SW. of, along Mirror Lake Road, 18 ft. NW. of center of Mirror Lake Road, 30 ft. NW. of 7 ft. in diameter leaning pine tree, 210 ft. SW. of intersection of centerline of Mirror Lake Road and center line of Happy Isles Road and of center line of New Village Road; U.S.B.P.R. bench mark; a brass cap on 2-in. in diameter galvanized iron pipe protruding 0.5 ft. above ground, stamped "385 + 11.51, 4001.20 ft." being a temporary bench mark. (Elev. 4001.083 ft.) (Junction point) T.B.M. 93 - 2 CALIF. ZONE 3 X=2,273,013. Y= 454,177.	37 44 36.99	119 33 20.86	1196
11 Mirror Lake, 0.75 mi. SW. of, along Mirror Lake Road, on skewbridge under Mirror Lake Road, at center of twelfth curbstone counting from SW. toward NE. end of bridge over Merced River, on SE. side of said bridge, 0.5 ft. above bridge floor; Copper nail and washer cemented in granite curbstone being a temporary bench mark. (Elev. 3995.038 ft.) T.B.M. 93 - 3 CALIF. ZONE 3 X=2,272,657. Y= 453,564.	37 44 30.97	119 33 25.37	708
14 Mirror Lake, about 1 mi. SW. of, along Mirror Lake Road, 1.5 ft. SE. of 2 ft. in diameter pine tree, 7.5 ft. SE. of 1 ft. in diameter oak tree, at W. end of wye branching from rd. from Mirror Lake; iron bolt and washer cemented in 1½-in. in diameter wrought iron pipe set flush with ground, being a temporary bench mark. (Elev. 3982.191 ft.) (Jct. point) T.B.M. 93 - 4	37 44 22.15	119 33 32.40	1055

INACTIVE FILES

9-776

1927 N.A.D.

STATION	LATITUDE	LONGITUDE	DIST. BET. STATIONS Feet
BM. 28-S USGS BM. 28S, 1905 (USGS Bulletin 766, p. 453) Yosemite Valley, at power house, 40 ft. S. of trail to Vernal Falls, 40 ft. N. of Power house bridge, 30 ft. N. of rd., large granite boulder; aluminum tablet stamped "4034 B" (Bull. 342. p., 117) (Elev. 4034.061 ft.) Note:—Tablet set with face vertical in rock stamped "4034 B 28S 1905" in good condition and apparently undisturbed. USGS BM 28S 1905	37 43 51.27	119 33 26.50	3160
27 Happy Isles Bridge, 0.15 mi. NW. of, about 324 ft. SW. of SW. end of bridge, 36 ft. SW. of intersection of center line of Happy Isles - Camp Curry Road and center line of rd. bearing SE. 15 ft. NW. of center line of Happy Isles - Camp Curry Road, 0.5 ft. SE. of base of Rock 2 ft. by 3 ft. by 3 ft. high situated at base of 2 pine trees. Copper nail and washer cemented in $1\frac{1}{2}$ -in. in diameter wrought iron pipe set flush with ground, being a temporary bench mark. (Elev. 4018.065 ft.) T.B.M. 28S - 1	37 43 57.24	119 33 31.47	723
29 Happy Isles Bridge, 0.25 mi. NW. of, about 985 ft. NW. of SW. end of bridge, 22 ft. S. of center of Happy Isles - Camp Curry Road, 45 ft. S. of 5 ft. in diameter pine tree, 102 ft. SW. of 4 ft. square opening Culvert, 24 ft. NW. of base of granite boulder 8 ft. by 10 ft. by 4 ft. high. Chiseled cross in center of 2.5 ft. in diameter cast iron manhole cover set in concrete collar 4 ft. square protruding 0.5 ft. above ground, being a temporary bench mark. (Elev. 4014.231 ft.) T.B.M. 28S - 2	37 43 59.65	119 33 37.98	577

INACTIVE FILES