

U.S. DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

**COMPILATION AND LISTING OF 6,454 DENSITY MEASUREMENTS
OF SAMPLES FROM THE CENTRAL PART OF THE
SIERRA NEVADA BATHOLITH, CALIFORNIA**

By

R. F. Sikora, J.G. Moore, and H.W. Oliver

1991

91-570-A Compilation and listing documentation
91-570-B Principal facts of density data on diskette

Open-File Report 91-570-A

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic Code. Any use of trade, firm or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Menlo Park, California

**Copies of this Open-File Report
may be purchased from**

**U.S. Geological Survey
Books and Open-File Reports Section
Box 25425, Federal Center
Denver, CO 80225**

PREPAYMENT IS REQUIRED

**Price information will be published
in the monthly listing
*New Publications of the Geological Survey***

**FOR ADDITIONAL ORDERING INFORMATION
CALL: (303) 236-7476**

CONTENTS

	Page
Abstract.....	1
Introduction.....	2
Compilation and reduction.....	2
References	8
Appendix (information about available diskette)	77

ILLUSTRATIONS

	Page
FIGURE 1. Gray-shade topographic map of the central Sierra Nevada....	4
2. Index to locations of tables 1-40 and sources of density data ...	5
3. Locations of density measurements.....	6
4. [Color]map showing densities	7

TABLES

	Page
TABLE 1. Lake Eleanor densities.....	12
2. Hetch Hetchy densities.....	14
3. Tuolumne Meadows densities.....	16
4. Mono Craters densities.....	19
5. Cowtrack Mountain densities.....	20
6. Glass Mountain densities.....	21
7. El Portal densities	22
8. Yosemite densities	23
9. Merced Peak densities	27
10. Devils Postpile densities.....	30
11. Mariposa densities.....	31
12. Bass Lake densities.....	33
13. Shuteye Peak densities.....	35
14. Kaiser Peak densities.....	37
15. Mount Abbot densities.....	39
16. Mount Tom densities.....	42
17. Bishop densities	43
18. Raymond densities.....	44
19. Millerton Lake densities.....	45
20. Shaver Lake densities.....	47
21. Huntington Lake densities	50
22. Blackcap Mountain densities.....	53
23. Mount Goddard densities.....	54
24. Big Pine densities.....	56
25. Clovis densities.....	57
26. Watts Valley densities.....	58
27. Patterson Mountain densities	59

	Page
TABLE 28. Tehipite Dome densities	60
29. Marion Peak densities	61
30. Mount Pinchot densities.....	63
31. Orange Cove densities.....	65
32. Dunlap densities	66
33. Giant Forest densities.....	68
34. Triple Divide Peak densities.....	69
35. Mount Whitney densities.....	70
36. Exeter densities.....	71
37. Kaweah densities	72
38. Mineral King densities	73
39. Kern Peak densities.....	74
40. Olancha densities.....	75
41. Averages and ranges of densities listed by quadrangle.....	76

ABSTRACT

A total of 6,454 density measurements of rock samples from about 200 plutons were compiled while studying the relationship between gravity and density data. These results were used to study the internal structure and extent of the Sierra Nevada batholith, California. Density tables listing station names, latitudes, longitudes, and densities are included for forty 15-minute quadrangles. An index map of sources and a colored density map show that the average density of the western part of the batholith is greater than 2.7 g/cm^3 and that density values generally decrease eastward to less than 2.6 g/cm^3 over a few areas of high-silica (>70%) and high-potassium granite. The average density of the Sierra Nevada batholith in the central Sierra Nevada is 2.69 g/cm^3 .

INTRODUCTION

A total of 6,454 density measurements of samples from about 200 granitic plutons of the central part of the Sierra Nevada batholith were compiled to generate specific-gravity and synthetic gravity maps. These maps were compared with an isostatic residual gravity map of the same area and conclusions were drawn about the vertical extent of the Sierra Nevada batholith.(Oliver and others, 1987, 1988) The study area extends from 36° 15' N latitude to 38° N latitude and from 118° W longitude to 120° W longitude (fig. 1).

COMPILATION AND REDUCTION

The compilation of density measurements was made from many sources of published and unpublished data (figure 2). Most of the samples were collected during field and laboratory studies. These data were combined with recent collections specifically acquired to improve the coverage of the area. Some sample locations were digitized to an accuracy of 0.01 minutes for geographic coordinates, while others were digitized from page size maps in old manuscripts and are less accurate. Locations and corresponding table numbers are shown in figure 2. Figure 3 shows the distribution across the area. A colored map of densities (fig. 4) shows locations as 1 km diameter dots with varying colors representing a range of densities. Average densities for each of the tables associated with quadrangles, along with the Sierra Nevada range and number of samples are listed in table 40.

Densities were determined by weighing the dry sample in air, then after a period of saturation, weighing the sample underwater. The formula used for calculating the densities is as follows:

$$\text{Density} = \frac{\text{(Weight in air)}}{\text{(Weight in air) - (weight in water)}}$$

Although there is generally wide scatter in the densities shown in figure 4, rocks from the average density of the western part of the batholith generally have a densities greater than 2.7 g/cm³ and generally decrease eastward across the batholith to values less than 2.6 g/cm³ over small areas of high-silica and high-potassium granites. The average density of the central part of the Sierra Nevada batholith is 2.69 g/cm³ based on the 6,454 measurements listed in this report.

ACKNOWLEDGMENTS

Special thanks to all of those who have collected samples throughout the years including P.C. Bateman, A.J. Busacca, L.C. Calk, F.C.W. Dodge, E.A. DuBray, Steven Glass, N.K. Huber, K.S. Kirchoff-Stein, R.W. Kistler, K.B. Krauskopf, J.P. Lockwood, P.A. Lydon, W.J. Nokleberg, D.L. Peck, C.D. Rinehart, M.F. Sheridan, T.W. Sisson and D.R. Wones. Special thanks to Donald Plouff and Eleanor Dixon for their helpful reviews.

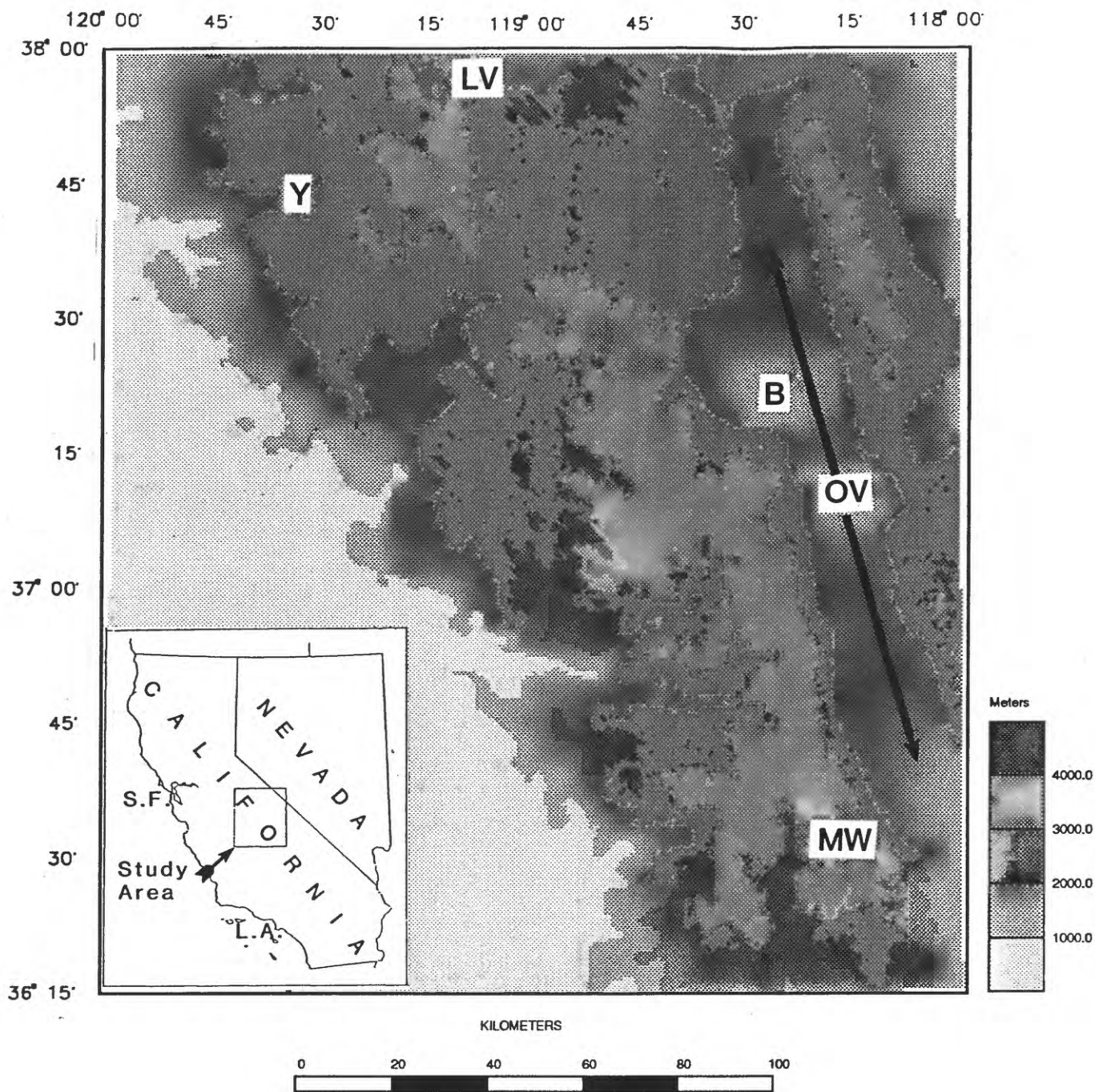


Figure 1.--Gray-shade topographic map of the central Sierra Nevada, California and Nevada. Contour interval, 1000 m. B, Bishop; L.A., Los Angeles; LV, Lee Vining; MW, Mount Whitney; OV, Owens Valley; S.F., San Francisco; Y, Yosemite.

	120°00'			119°00'				118°00'
38°00'	LAKE ELEANOR Dodge & Calk (1986, 1987) Bull. 1585 GQ-1639 Table 1 2.72	HETCH HETCHY RESERVOIR Kistler (1973,1974) GQ-1112 PP 774-B Table 2 2.68	TUOLUMNE MEADOWS Bateman & Kistler (1963) GQ-1570 Table 3 2.67	MONO CRATERS Kistler (1966) GQ-462 (written commun., 1987) Table 4 2.68	COWTRACK MOUNTAIN Bateman, Krauskopf & Sheridan (1988) Bull. 1783 Table 5 2.71	GLASS MOUNTAIN Krauskopf & Bateman (1977) GQ-1099 Bateman & others (1988) Bull. 1763 Table 6 2.67		
	EL PORTAL Bateman & Krauskopf (1987) MF-1998 Kirchoff-Stein, K.S. (written commun., 1987) Table 7 2.69	YOSEMITE Peck, D.L. (written commun., 1986) Table 8 2.68	MERCED PEAK Peck (1980) GQ-1531 Table 9 2.68	DEVILS POSTPILE Huber & Rinchart (1965) GQ-437 Table 10 2.66				
	MARIPOSA Krauskopf (1984, 1985) Bull. 1613 GQ-1586 Table 11 2.74	BASS LAKE Bateman (1986) Bull. 8306C Table 12 2.68	SHUTEYE PEAK Huber (1968) GQ-728 Table 13 2.69	KAISER PEAK Bateman (1971) GQ-984 Bateman & Lockwood (1970, 1971) PP 664-C GQ-984 Table 14 2.68	MOUNT ABBOT Lockwood (1975) PP 774-C Lockwood & Lydon (1975) GQ-1155 Table 15 2.68	MOUNT TOM Bateman (1965) PP 470 Table 16 2.64	BISHOP Bateman (1965) PP 470 Table 17 2.64	
	RAYMOND Bateman & Busacca (1982) GQ-1555 Table 18 2.68	MILLERTON LAKE Bateman & Busacca (1982) GQ-1548 Table 19 2.71	SHAVER LAKE Lockwood & Bateman (1976) GQ-1721 Bateman & Lockwood (1976) PP 774-D Table 20 2.72	HUNTINGTON LAKE Bateman & Wones (1972a, 1972b) GQ-987 PP 724-A Table 21 2.68	BLACKCAP MOUNTAIN Bateman (1965) GQ-428 Table 22 2.68	MOUNT GODDARD Bateman & Moore (1965) GQ-429 Table 23 2.67	BIG PINE Bateman (1965) PP 470 Table 24 2.65	
37°00'		CLOVIS Moore, J.G. & Sisson, T.W. (written commun., 1986) Table 25 2.73	WATTS VALLEY Moore, J.G. & Sisson, T.W. (written commun., 1987) Table 26 2.76	PATTERSON MOUNTAIN Glass, Steven (written commun., 1987) Table 27 2.72	TEHIPITE DOME Moore, J.G. & Nokleberg, W.C. (written commun., 1986) Table 28 2.68	MARION PEAK Moore (1978) GQ-1339; Bull. in press Table 29 2.68	MOUNT PINCHOT Moore (1963) Bull. 1130 Table 30 2.65	
			ORANGE COVE Moore, J.G. & Sisson, T.W. (written commun., 1987) Table 31 2.83	DUNLAP Moore, J.G. (written commun., 1987) Table 32 2.78	GIANT FOREST Sisson & Moore (1984) OF 84-254 Table 33 2.77	TRIPLE DIVIDE PEAK Moore & Sisson (1987) GQ-1636 Table 34 2.70	MOUNT WHITNEY Moore (1981,1987) GQ-1545 Bull. 1760 Table 35 2.66	
				EXETER Moore, J.G. & Sisson, T.W. (written commun., 1987) Table 36 2.80	KAWEAH Moore, J.G. & Sisson, T.W. (written commun., 1987) Table 37 2.73	MINERAL KING Moore, J.G. & Sisson, T.W. (written commun., 1987) Table 38 2.71	KERN PEAK Moore & Sisson (1985) GQ-1584 Table 39 2.66	OLANCHA DuBray & Moore (1985) MF-1734 Table 40 2.65
36°15'								

Sources located between 37°N and 38°N were initially compiled by Bateman and others, 1984.

Figure 2. —Index to locations of tables 1-40 and sources of density data. Average density for quadrangle shown in *italics* is in g/cm³. [Bull., USGS Bulletin; PP, USGS Professional Paper; GQ, Geologic Quadrangle; commun., communication]

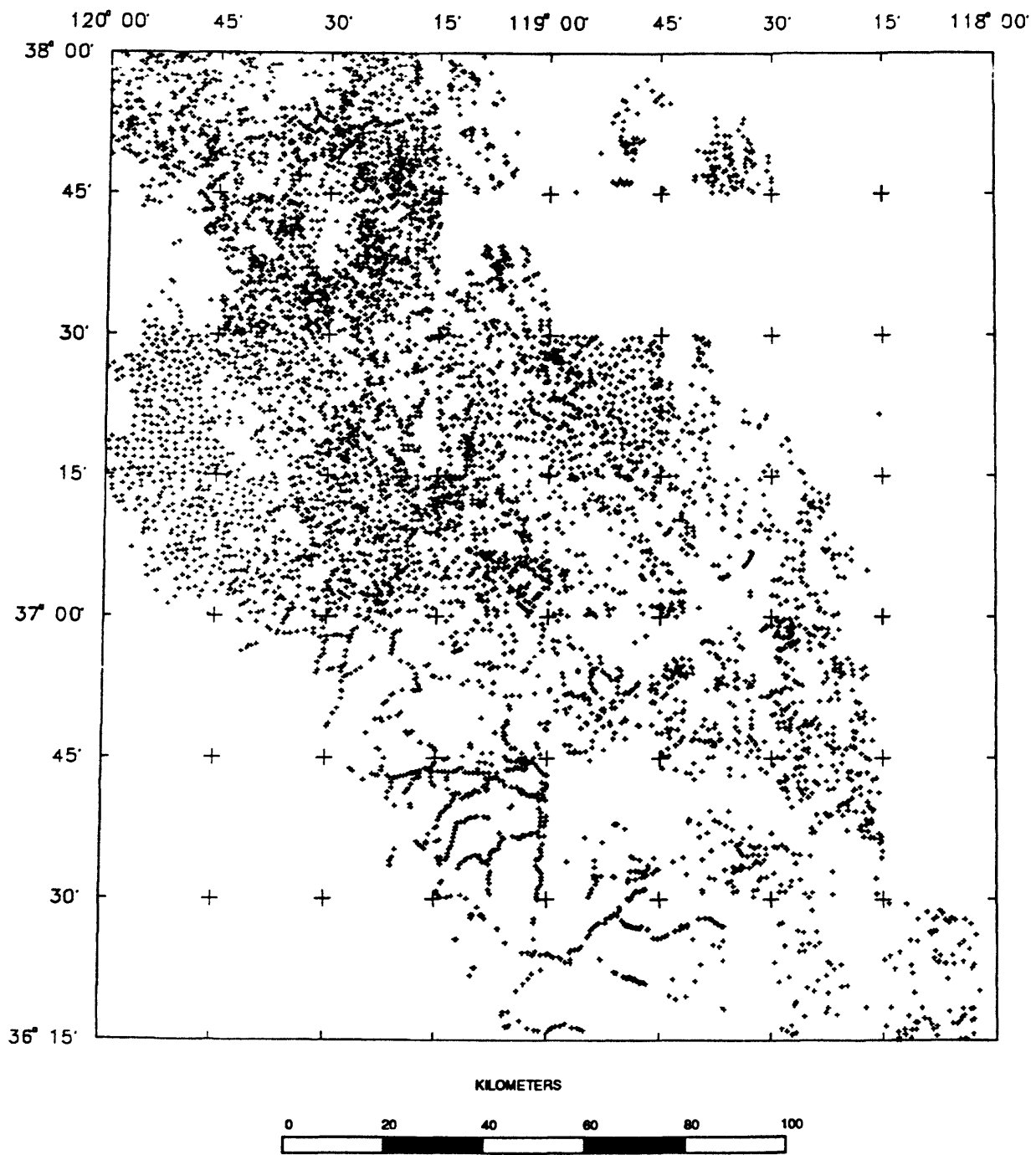


Figure 3.-- Locations of density measurements.

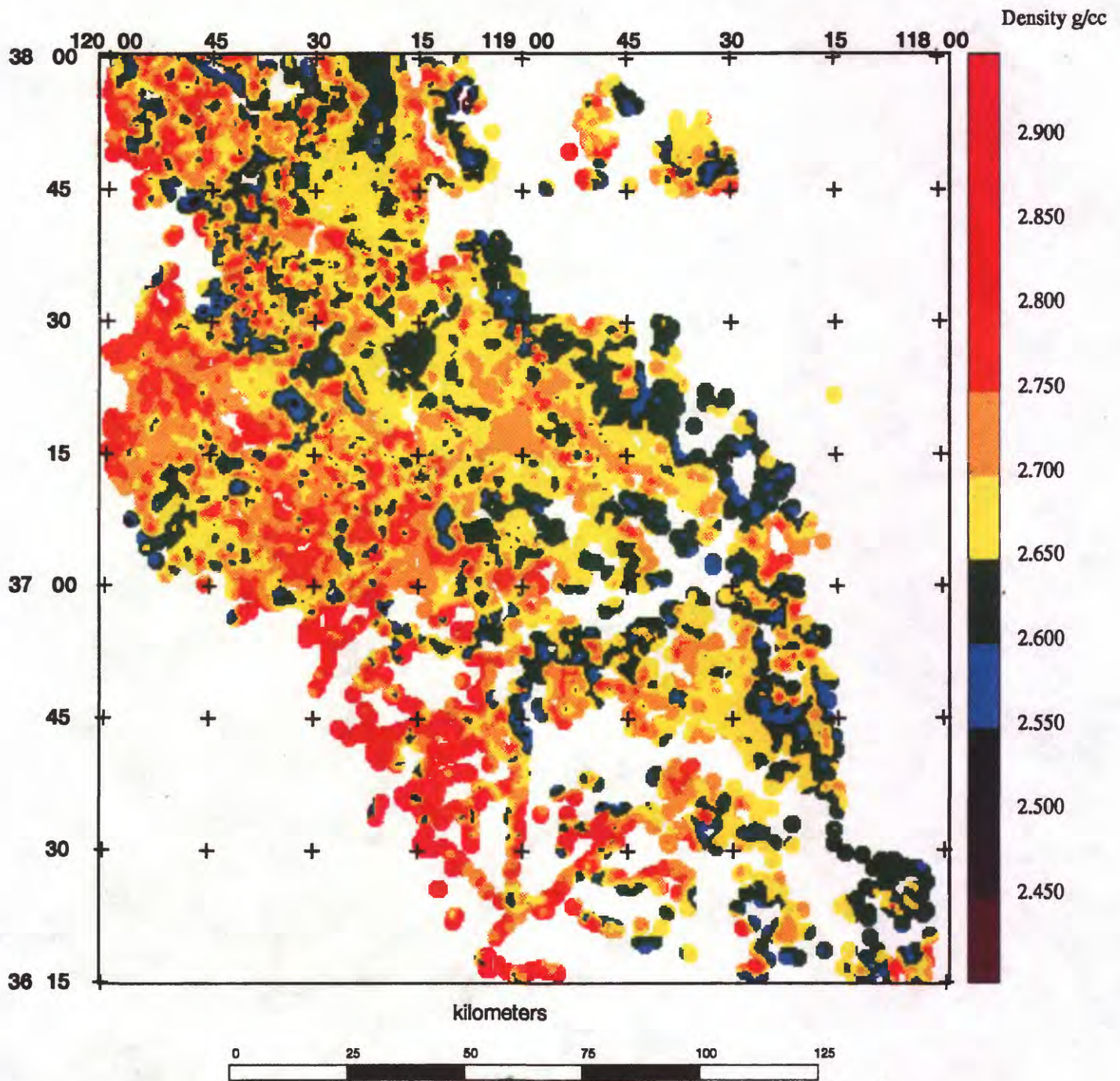


Figure 4. -- Color map showing values, locations, and ranges of density measurements in the central Sierra Nevada. (Color range interval is 0.05 g/cm³)

REFERENCES

- Bateman, P.C., 1965a, **Geologic map of the Blackcap Mountain quadrangle, Fresno County, California**: U.S. Geological Survey Geologic Quadrangle Map GQ-428, scale 1:62,500.
- --- --- 1965b, **Geology and tungsten mineralization of the Bishop district, California**: U.S. Geological Survey Professional Paper 470, 208 p.
- --- --- 1971, **Geologic map of the Kaiser Peak quadrangle, central Sierra Nevada, California**: U.S. Geological Survey Geologic Quadrangle Map GQ-984, scale 1:62,500.
- --- --- 1986, **Bass Lake quadrangle west-central Sierra Nevada, California -- analytic data**: U.S. Geological Survey Bulletin 8306C, 11 p.
- Bateman, P.C. and Busacca, A.J., 1982, **Geologic map of the Millerton Lake Quadrangle west-central Sierra Nevada, California**: U.S. Geological Survey Geologic Map GQ-1548, scale 1:62:500.
- Bateman, P.C. and Busacca A.J., 1982, **Geologic map of the Raymond Quadrangle, Madera and Mariposa counties, California**: U.S. Geological Survey Geologic Quadrangle Map GQ-1555, scale 1:62,500.
- Bateman, P.C. and Kistler, R.W., 1983, **Geologic map of the Tuolumne Meadows quadrangle, California**: U.S. Geological Survey Geologic Quadrangle Map GQ-1570, scale 1:62,500.
- Bateman, P.C. and Krauskopf, K.B., 1987, **Geologic map of the El Portal quadrangle, west-central Sierra Nevada, California**: U.S. Geological Survey Miscellaneous Field Studies Map MF-1998, scale 1:62,500.
- Bateman, P.C., Krauskopf, K.B. and Sheridan, M.F., 1988, **Cowtrack Mountain and Glass Mountain quadrangles, California and Nevada - analytic data**: U.S. Geological Survey Bulletin 1783, 19 p.
- Bateman, P.C. and Lockwood, J.P., 1970, **Kaiser Peak Quadrangle, central Sierra Nevada, California - analytic data**: U.S. Geological Survey Professional paper 644-C, 15 p.
- --- --- 1971, **Geologic map of the Kaiser Peak quadrangle, central Sierra Nevada, California**: U.S. Geological Survey Geologic Map GQ-894, scale 1:62,500.

- --- --- 1976, **Shaver Lake Quadrangle, central Sierra Nevada, California - analytical data:** U.S. Geological Survey Professional Paper 774-D, 19 p.
- Bateman, P.C. and Moore, J.G., 1965, **Geologic map of the Mount Goddard quadrangle, Fresno and Inyo counties, California:** U.S. Geological Survey Geologic Quadrangle Map GQ-429, scale 1:62,500.
- Bateman, P.C. and Wones, D.R., 1972a, **Geologic map of the Huntington Lake Quadrangle, central Sierra Nevada, California:** U.S. Geological Survey Geologic Quadrangle Map GQ-987, scale 1:62,500.
- --- --- 1972b, **Huntington Lake quadrangle, central Sierra Nevada, California - analytic data:** U.S. Geological Survey Professional Paper 724-A, 18 p.
- Dodge, F.C.W. and Calk, L.C., 1986, **Lake Eleanor quadrangle, Central Sierra Nevada, California - - analytical data:** U.S. Geological Survey Bulletin 1585, 20 p.
- Dodge, F.C.W. and Calk, L.C., 1987, **Geologic map of the Lake Eleanor quadrangle, central Sierra Nevada, California:** U.S. Geological Survey Geologic Quadrangle, GQ-1639, scale 1:62,500.
- DuBray, E.A. and Moore, J.G., 1985, **Geologic map of the Olancha quadrangle, southern Sierra Nevada, California:** U.S. Geological Survey Miscellaneous Field Studies MF-1734, scale 1:62,500.
- Huber, N.K., 1968, **Geologic map of the Shuteye Peak quadrangle, Sierra Nevada, California:** U.S. Geological Survey Geologic Quadrangle map GQ-728, scale 1:62,500.
- Huber, N.K. and Rinehart, C.D., 1965, **Geologic map of the Devils Postpile quadrangle, Sierra Nevada, California:** U.S. Geological Survey Geologic Quadrangle Map GQ-437, scale 1:62,500.
- Kistler, R.W., 1966, **Geologic map of the Mono Craters quadrangle, Mono and Tuolumne counties, California:** U.S. Geological Survey Geologic Map GQ-462, scale 1:62,500.
- --- --- 1973, **Geologic map of the Hetch Hetchy Reservoir quadrangle, Yosemite National Park, California:** U.S. Geological Survey Geologic Quadrangle Map GQ-1112, scale 1:62,500.
- --- --- 1974, **Hetch Hetchy Reservoir quadrangle, Yosemite National Park, California - analytic data:** U.S. Geological Survey Professional Paper 774-B, 15 p.

- Krauskopf, K.B., 1984, **Mariposa quadrangle, Mariposa and Madera counties, California**: U.S. Geological Survey Bulletin 1613, 14 p.
- --- --- 1985, **Geologic map of the Mariposa Quadrangle, Mariposa and Madera counties, California**: U.S. Geological Survey Geologic Quadrangle Map GQ-1586, scale 1:62,500.
- Krauskopf, K.B. and Bateman, P.C., 1977, **Geologic map of the Glass Mountain quadrangle, Mono County, California, and Mineral County, Nevada**: U.S. Geological Survey Geologic Quadrangle map GQ-1099, scale 1:62,500.
- Lockwood, J.P., 1975, **Mount Abbot quadrangle, central Sierra Nevada, California - analytic data**: U.S. Geological Survey Professional paper 774-C, 18 p.
- Lockwood, J.P. and Bateman, P.C., 1976, **Geologic map of the Shaver Lake quadrangle, central Sierra Nevada, California**: U.S. Geological Survey Geologic Quadrangle map GQ-1271, scale 1:62,500.
- Lockwood, J.P. and Lydon, P.A., 1975, **Geologic map of the Mount Abbot quadrangle, central Sierra Nevada, California**: U.S. Geological Survey geologic map GQ-1155, scale 1:62,500.
- Moore J.G., 1963, **Geology of the Mount Pinchot quadrangle, southern Sierra Nevada, California**: U.S. Geological Survey Bulletin 1130, 152 p.
- --- --- 1978, **Geologic map of the Marion Peak quadrangle, Fresno County, California**: U.S. Geological Survey Geologic Quadrangle map GQ-1399, scale 1:62,500.
- --- --- 1981, **Geologic Map of the Mount Whitney quadrangle, Inyo and Tulare counties, California**: U.S. Geological Survey Geologic map GQ-1545, scale 1:62,500.
- --- --- , in press, **Marion Peak quadrangle, Fresno County, California - - analytic data**: U.S. Geological Survey Bulletin XXXX, 36 p.
- Moore, J.G. and Sisson, T.W., 1985, **Geologic map of the Kern Peak quadrangle, Tulare County, California**: U.S. Geological Survey Geologic Quadrangle Map GQ-1584, scale 1:62:500.
- Moore, J.G. and Sisson, T.W., 1987, **Geologic map of the Triple Divide quadrangle Peak, Tulare County, California**: U.S. Geological Survey Geologic Quadrangle Map GQ-1636, scale 1:62,500.

- Oliver, H. W., Moore, J. G., Sikora, R. F., 1986, **Specific gravity vs. gravity--central Sierra Nevada, California [abs]**: American Geophysical Union Transactions (Eos), v. 67, no. 44, p. 1212.
- Oliver, H.W., Moore, J.G., and Sikora, R.F., 1987, **Internal structure and depth of the Sierra Nevada batholith, California, from specific-gravity and gravity data (Extended Abstract)**: International Symposium on Petrogenesis and Mineralization of Granitoids, December 7-10, 1987, Guangzhou, China, Program with Abstracts.
- Oliver, H.W., Moore, J.G., and Sikora, R.F., 1988, **Internal structure and vertical extent of the Sierra Nevada batholith, California, from specific-gravity and gravity data**: Proceedings, International Symposium on Petrogenesis and Mineralization of Granitoids, Guangzhou, China, 1987 (available from the Institute of Geochemistry Academia Sinica, P.O. Box 91, Guiyang, Guizhou Province, PRC)
- Peck, D.L., 1980, **Geologic map of the Merced Peak quadrangle, central Sierra Nevada, California - analytical data**: U.S. Geological Survey Geologic Quadrangle map GQ-1531, scale 1:62,500.
- Sisson, T.W. and Moore, J.G., 1984, **Geology of Giant Forest, Lodge Pole area, Sequoia National Park, California**: U.S. Geological Survey Open File Report 84-254, 13 plates.

TABLE 1.—Lake Eleanor densities.

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
MARE35	37 46.44	119 45.06	2.65	EL068	37 56.09	119 50.16	2.71
MARE36	37 46.19	119 45.80	2.69	EL069	37 55.95	119 48.30	2.68
MARE37	37 45.49	119 46.14	2.71	EL070	37 56.02	119 47.63	2.79
EL001	37 59.96	119 58.75	2.67	EL071	37 55.76	119 50.55	2.76
EL002	37 59.92	119 58.18	2.53	EL072	37 55.50	119 48.56	2.78
EL003	37 59.57	119 57.94	2.59	EL073	37 55.40	119 48.22	2.78
EL004	37 58.32	119 58.84	2.69	EL074	37 55.03	119 49.35	2.77
EL005	37 58.03	119 57.16	2.53	EL075	37 54.78	119 47.07	2.78
EL006	37 58.02	119 59.45	2.65	EL076	37 54.76	119 48.49	2.79
EL007	37 57.41	119 58.59	2.64	EL077	37 54.72	119 49.11	2.78
EL008	37 56.75	119 59.09	2.59	EL078	37 54.13	119 48.66	2.84
EL009	37 56.77	119 57.60	2.71	EL079	37 56.95	119 52.47	2.76
EL010	37 56.42	119 57.74	2.69	EL080	37 56.77	119 53.57	2.73
EL011	37 56.67	119 59.75	2.79	EL081	37 56.05	119 56.24	2.67
EL012	37 55.82	119 59.89	2.78	EL082	37 55.41	119 57.39	2.76
EL013	37 55.46	119 57.91	2.80	EL083	37 54.61	119 56.66	2.77
EL014	37 54.65	119 57.90	2.69	EL084	37 54.70	119 56.63	2.77
EL015	37 54.04	119 58.89	2.76	EL085	37 54.83	119 56.20	2.74
EL016	37 54.08	119 59.77	2.81	EL086	37 54.03	119 55.87	2.75
EL017	37 53.87	119 57.75	2.77	EL087	37 55.62	119 51.67	2.72
EL018	37 53.34	119 59.38	2.83	EL088	37 54.99	119 51.48	2.76
EL019	37 52.58	119 57.75	2.82	EL089	37 54.10	119 50.33	2.74
EL020	37 52.26	119 58.55	2.79	EL090	37 53.59	119 51.90	2.65
EL021	37 52.08	119 57.59	2.79	EL091	37 53.69	119 50.54	2.73
EL022	37 51.87	119 58.70	2.78	EL092	37 53.52	119 50.75	2.75
EL023	37 50.84	119 59.75	2.73	EL093	37 53.25	119 51.21	2.75
EL024	37 50.69	119 58.31	2.78	EL094	37 53.21	119 50.30	2.68
EL025	37 50.36	119 59.03	2.74	EL095	37 52.72	119 51.02	2.68
EL026	37 49.03	119 59.71	2.86	EL096	37 52.09	119 49.57	2.70
EL027	37 49.51	119 58.24	2.83	EL097	37 51.92	119 49.77	2.71
EL028	37 49.32	119 57.44	2.70	EL098	37 51.39	119 48.85	2.72
EL029	37 49.22	119 57.41	2.85	EL099	37 51.05	119 47.89	2.71
EL030	37 59.76	119 54.99	2.78	EL100	37 50.02	119 46.90	2.68
EL031	37 59.51	119 54.69	2.74	EL101	37 48.51	119 47.16	2.67
EL032	37 59.24	119 55.19	2.76	EL102	37 48.47	119 47.39	2.63
EL033	37 59.00	119 55.91	2.67	EL103	37 48.46	119 46.69	2.67
EL034	37 58.70	119 55.36	2.73	EL104	37 48.34	119 46.96	2.60
EL035	37 59.96	119 54.88	2.85	EL105	37 47.92	119 46.96	2.70
EL036	37 59.64	119 53.62	2.74	EL106	37 46.65	119 46.24	2.69
EL037	37 59.65	119 53.27	2.69	EL107	37 46.23	119 45.67	2.71
EL038	37 59.41	119 53.87	2.68	EL108	37 45.83	119 46.39	2.72
EL039	37 58.90	119 53.93	2.71	EL109	37 45.46	119 46.61	2.68
EL040	37 58.85	119 53.36	2.71	EL110	37 50.88	119 50.17	2.79
EL041	37 59.04	119 52.48	2.73	EL111	37 51.55	119 52.05	2.78
EL042	37 59.69	119 50.85	2.74	EL112	37 51.17	119 51.78	2.81
EL043	37 59.70	119 50.70	2.70	EL113	37 51.34	119 51.87	2.82
EL044	37 59.78	119 50.31	2.66	EL114	37 54.63	119 55.90	2.59
EL045	37 59.78	119 49.84	2.67	EL115	37 53.92	119 57.35	2.69
EL046	37 59.39	119 50.36	2.66	EL116	37 53.97	119 55.95	2.68
EL047	37 59.45	119 49.25	2.71	EL117	37 53.81	119 55.58	2.65
EL048	37 59.04	119 48.69	2.71	EL118	37 54.40	119 53.59	2.63
EL049	37 59.43	119 51.25	2.68	EL119	37 54.15	119 53.74	2.57
EL050	37 59.01	119 50.58	2.67	EL120	37 53.13	119 54.77	2.66
EL051	37 58.87	119 51.55	2.69	EL121	37 53.25	119 54.03	2.71
EL052	37 58.64	119 52.62	2.71	EL122	37 52.67	119 54.56	2.61
EL053	37 58.22	119 52.91	2.71	EL123	37 53.17	119 53.46	2.64
EL054	37 58.12	119 54.93	2.78	EL124	37 52.36	119 54.25	2.65
EL055	37 57.94	119 54.59	2.73	EL125	37 52.92	119 57.21	2.73
EL056	37 57.93	119 56.02	2.71	EL126	37 52.69	119 57.17	2.72
EL057	37 57.06	119 56.85	2.72	EL127	37 52.80	119 56.59	2.65
EL058	37 57.10	119 55.94	2.66	EL128	37 52.17	119 56.48	2.62
EL059	37 57.33	119 55.16	2.70	EL129	37 52.21	119 55.59	2.71
EL060	37 57.52	119 53.68	2.77	EL130	37 51.71	119 55.10	2.65
EL061	37 57.22	119 52.83	2.89	EL131	37 51.39	119 53.97	2.66
EL062	37 57.47	119 50.36	2.78	EL132	37 50.92	119 53.91	2.65
EL063	37 57.54	119 49.56	2.82	EL133	37 51.15	119 56.86	2.68
EL064	37 57.61	119 48.13	2.78	EL134	37 51.55	119 57.76	2.65
EL065	37 57.28	119 49.65	2.77	EL135	37 50.81	119 57.79	2.64
EL066	37 56.66	119 47.46	2.73	EL136	37 50.86	119 56.18	2.66
EL067	37 56.40	119 47.25	2.79	EL137	37 49.93	119 57.54	2.61

TABLE 1.—Lake Eleanor densities.—Continued

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
EL138	37	50.25	119	54.87	2.64	EL208	37	55.23	119	46.02	2.74
EL139	37	48.99	119	56.77	2.66	EL209	37	54.49	119	46.35	2.65
EL140	37	48.98	119	56.17	2.65	EL210	37	52.81	119	48.06	2.68
EL141	37	49.71	119	53.74	2.65	EL211	37	52.11	119	47.40	2.77
EL142	37	49.83	119	53.48	2.66	EL212	37	52.62	119	46.83	2.80
EL143	37	49.93	119	52.97	2.67	EL213	37	52.51	119	45.52	2.77
EL144	37	50.15	119	52.93	2.67	EL214	37	52.53	119	45.09	2.67
EL145	37	50.29	119	53.83	2.67	EL215	37	51.79	119	45.65	2.77
EL146	37	50.24	119	52.47	2.70	EL216	37	51.40	119	45.39	2.78
EL147	37	52.24	119	57.26	2.64	EL217	37	51.04	119	45.38	2.80
EL148	37	52.04	119	57.26	2.67	EL218	37	51.00	119	45.87	2.75
EL149	37	52.68	119	56.68	2.90	EL219	37	50.72	119	45.81	2.75
EL150	37	51.82	119	57.53	3.00	EL220	37	50.81	119	46.00	2.78
EL151	37	51.58	119	56.83	3.02	EL221	37	50.51	119	46.40	2.79
EL152	37	48.74	119	56.46	2.79	EL222	37	51.99	119	46.62	2.60
EL153	37	49.22	119	55.10	2.80	EL223	37	51.01	119	46.88	2.62
EL154	37	49.62	119	53.62	2.77	EL224	37	49.69	119	46.70	2.75
EL155	37	49.64	119	52.50	2.83	EL225	37	49.77	119	46.10	2.74
EL156	37	49.41	119	52.87	2.69	EL226	37	50.27	119	45.73	2.72
EL157	37	48.73	119	54.15	2.76	EL227	37	50.61	119	45.46	2.70
EL158	37	48.40	119	55.24	2.76	EL228	37	49.52	119	45.10	2.76
EL159	37	48.60	119	53.76	2.77	EL229	37	50.61	119	51.78	2.98
EL160	37	48.96	119	52.33	2.79	EL230	37	49.86	119	51.68	2.76
EL161	37	49.32	119	51.74	2.84	EL231	37	50.36	119	49.70	2.79
EL162	37	48.66	119	52.78	2.77	EL232	37	50.11	119	49.99	2.74
EL163	37	47.84	119	52.63	2.81	EL233	37	49.37	119	51.16	2.78
EL164	37	47.61	119	53.12	2.89	EL234	37	49.28	119	48.97	2.71
EL165	37	49.53	119	51.51	2.68	EL235	37	49.05	119	47.96	2.72
EL166	37	49.39	119	51.28	2.55	EL236	37	48.95	119	47.95	2.67
EL167	37	48.87	119	51.72	2.76	EL237	37	48.74	119	48.31	2.72
EL168	37	48.44	119	52.21	2.64	EL238	37	48.12	119	50.10	2.77
EL169	37	47.80	119	51.33	2.61	EL239	37	48.18	119	50.63	2.78
EL170	37	47.51	119	52.26	2.71	EL240	37	47.57	119	50.71	2.69
EL171	37	46.90	119	52.08	2.74	EL241	37	47.29	119	50.02	2.77
EL172	37	46.89	119	51.62	2.67	EL242	37	47.75	119	47.53	2.72
EL173	37	46.62	119	51.37	2.69	EL243	37	47.50	119	48.37	2.66
EL174	37	45.61	119	55.62	2.81	EL244	37	46.99	119	49.31	2.74
EL175	37	46.28	119	54.27	2.65	EL245	37	46.77	119	48.60	2.74
EL176	37	45.56	119	54.59	2.73	EL246	37	49.36	119	46.43	2.78
EL177	37	45.75	119	53.17	2.68	EL247	37	49.60	119	46.24	2.80
EL178	37	45.95	119	52.47	2.62	EL248	37	49.29	119	45.55	2.84
EL179	37	46.14	119	50.68	2.61	EL249	37	49.39	119	45.15	2.80
EL180	37	57.63	119	51.85	2.62	EL250	37	49.12	119	46.38	2.77
EL181	37	57.55	119	51.15	2.62	EL251	37	48.96	119	45.84	2.75
EL182	37	57.20	119	50.06	2.64	EL252	37	48.72	119	46.49	2.78
EL183	37	57.23	119	49.32	2.66	EL253	37	48.41	119	45.98	2.79
EL184	37	56.70	119	48.77	2.65	EL254	37	47.91	119	46.65	2.77
EL185	37	56.89	119	51.21	2.86	EL255	37	47.84	119	46.20	2.76
EL186	37	55.38	119	51.29	2.66	EL256	37	48.51	119	45.52	2.78
EL187	37	54.04	119	50.02	2.66	EL257	37	46.58	119	45.05	2.75
EL188	37	54.22	119	49.61	2.66	EL258	37	45.83	119	45.85	2.58
EL189	37	53.49	119	49.21	2.65	EL259	37	45.09	119	47.64	2.70
EL190	37	53.07	119	48.78	2.62	EL260	37	51.85	119	51.99	2.79
EL191	37	51.67	119	47.77	2.64	EL261	37	51.92	119	50.40	2.71
EL192	37	51.30	119	47.35	2.62	EL262	37	51.57	119	51.53	2.82
EL193	37	50.49	119	46.59	2.63	EL263	37	51.60	119	50.25	2.71
EL194	37	59.62	119	46.88	2.60	EL264	37	51.54	119	49.96	2.68
EL195	37	59.26	119	48.23	2.64	EL265	37	59.76	119	50.10	2.63
EL196	37	59.18	119	47.42	2.62	EL266	37	59.68	119	54.64	2.95
EL197	37	57.80	119	47.39	2.63	EL267	37	58.43	119	52.85	2.67
EL198	37	57.06	119	47.30	2.63	EL268	37	50.60	119	50.13	3.01
EL199	37	56.69	119	46.62	2.67	EL269	37	48.10	119	55.78	2.82
EL200	37	59.82	119	46.71	2.80						
EL201	37	57.47	119	46.95	2.70						
EL202	37	57.97	119	47.23	2.69						
EL203	37	57.10	119	46.21	2.78						
EL204	37	56.95	119	45.80	2.80						
EL205	37	57.92	119	45.99	2.58						
EL206	37	57.69	119	45.30	2.64						
EL207	37	56.92	119	45.26	2.61						

TABLE 2.-Hetch Hetchy densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
MARE19	37	48.52	119	32.28	2.66	55	37	52.81	119	32.27	2.65
MARE20	37	48.52	119	33.30	2.77	56	37	53.84	119	32.00	2.88
MARE21	37	48.79	119	34.74	2.66	57	37	54.35	119	32.17	2.83
MARE22	37	49.57	119	34.60	2.70	58	37	54.16	119	30.42	2.73
MARE23	37	50.33	119	35.61	2.69	59	37	53.47	119	31.72	2.85
MARE24	37	50.87	119	36.48	2.68	60	37	53.52	119	30.61	2.70
MARE25	37	50.75	119	37.32	2.72	61	37	53.08	119	31.23	2.68
MARE26	37	51.40	119	38.43	2.70	62	37	52.92	119	30.70	2.65
MARE27	37	51.05	119	39.37	2.67	63	37	51.91	119	31.54	2.81
MARE28	37	50.78	119	40.42	2.74	HHRQ001	37	57.65	119	33.67	2.69
MARE29	37	50.36	119	41.05	2.76	HHRQ002	37	57.91	119	32.39	2.61
MARE30	37	49.50	119	42.01	2.66	HHRQ003	37	57.56	119	31.71	2.61
MARE31	37	48.73	119	42.24	2.80	HHRQ004	37	54.13	119	35.26	2.63
MARE32	37	48.05	119	42.75	2.69	HHRQ005	37	53.94	119	34.25	2.64
MARE33	37	47.44	119	43.17	2.77	HHRQ006	37	53.17	119	36.31	2.61
MARE34	37	47.05	119	44.11	2.74	HHRQ007	37	53.11	119	35.04	2.62
1	37	59.92	119	43.98	2.76	HHRQ008	37	59.21	119	31.27	2.58
2	37	59.80	119	43.02	2.83	HHRQ009	37	57.79	119	30.13	2.62
3	37	59.92	119	41.99	2.86	HHRQ010	37	56.59	119	30.12	2.63
4	37	59.31	119	41.44	2.63	HHRQ011	37	55.96	119	30.62	2.63
5	37	59.90	119	39.92	2.80	HHRQ012	37	55.97	119	30.62	2.60
6	37	59.32	119	40.83	2.72	HHRQ013	37	53.57	119	31.82	2.64
7	37	59.08	119	42.42	2.67	HHRQ014	37	53.24	119	31.93	2.63
8	37	58.95	119	41.26	2.63	HHRQ015	37	52.93	119	32.21	2.59
9	37	58.49	119	41.16	2.71	HHRQ016	37	52.51	119	32.23	2.59
10	37	58.36	119	40.43	2.67	HHRQ018	37	55.08	119	32.55	2.65
11	37	58.78	119	42.00	2.65	HHRQ019	37	54.06	119	33.28	2.60
12	37	57.96	119	41.43	2.62	HHRQ020	37	53.94	119	33.34	2.61
13	37	57.41	119	43.09	2.58	HHRQ021	37	52.83	119	35.53	2.67
14	37	56.78	119	42.35	2.59	HHRQ022	37	52.62	119	34.50	2.67
15	37	56.48	119	40.88	2.60	HHRQ023	37	53.89	119	42.16	2.76
16	37	57.96	119	38.32	2.73	HHRQ024	37	52.74	119	41.88	2.75
17	37	58.74	119	38.13	2.59	HHRQ025	37	52.75	119	41.53	2.74
18	37	58.71	119	37.41	2.78	HHRQ026	37	52.63	119	44.46	2.76
19	37	58.76	119	36.98	2.64	HHRQ027	37	49.01	119	44.83	2.70
20	37	59.23	119	34.29	2.66	HHRQ028	37	47.57	119	43.01	2.67
21	37	57.62	119	33.78	2.60	HHRQ029	37	49.05	119	41.05	2.62
22	37	57.29	119	38.14	2.62	HHRQ030	37	48.68	119	41.16	2.77
23	37	55.85	119	38.11	2.62	HHRQ031	37	48.39	119	40.74	2.79
24	37	55.05	119	38.96	2.65	HHRQ032	37	53.77	119	42.72	2.74
25	37	54.04	119	36.88	2.65	HHRQ033	37	53.38	119	44.09	2.76
26	37	55.06	119	44.65	2.62	HHRQ034	37	53.24	119	44.22	2.68
27	37	53.39	119	42.50	2.69	HHRQ035	37	52.31	119	43.80	2.73
28	37	52.64	119	42.03	2.61	HHRQ036	37	52.72	119	42.57	2.68
29	37	53.91	119	41.91	2.65	HHRQ037	37	52.64	119	42.19	2.72
30	37	52.98	119	40.84	2.62	HHRQ038	37	52.21	119	42.48	2.71
31	37	52.58	119	39.25	2.59	HHRQ039	37	52.50	119	40.40	2.76
32	37	56.25	119	43.52	2.83	HHRQ040	37	51.17	119	43.83	2.69
33	37	54.83	119	43.69	2.68	HHRQ041	37	50.49	119	43.54	2.66
34	37	53.93	119	41.67	2.66	HHRQ042	37	49.72	119	44.46	2.69
35	37	55.36	119	39.18	2.70	HHRQ043	37	49.03	119	44.02	2.72
36	37	56.77	119	38.68	2.79	HHRQ044	37	48.21	119	43.34	2.67
37	37	58.37	119	38.65	2.76	HHRQ045	37	48.92	119	42.98	2.67
38	37	54.03	119	36.44	2.71	HHRQ046	37	49.40	119	43.17	2.69
39	37	54.15	119	35.38	2.68	HHRQ047	37	49.93	119	42.85	2.67
40	37	52.96	119	37.63	2.75	HHRQ048	37	50.19	119	42.30	2.69
41	37	53.09	119	36.56	2.67	HHRQ049	37	50.71	119	41.58	2.73
42	37	52.17	119	36.46	2.73	HHRQ050	37	50.92	119	41.00	2.68
43	37	52.59	119	35.83	2.75	HHRQ051	37	50.83	119	39.94	2.69
44	37	51.69	119	35.66	2.75	HHRQ052	37	51.12	119	38.37	2.64
45	37	52.25	119	35.15	2.72	HHRQ053	37	50.59	119	38.87	2.65
46	37	52.28	119	33.99	2.73	HHRQ054	37	50.14	119	39.18	2.72
47	37	51.99	119	33.67	2.72	HHRQ055	37	50.01	119	39.19	2.61
48	37	51.72	119	32.77	2.66	HHRQ056	37	51.03	119	37.66	2.71
49	37	51.20	119	33.12	2.72	HHRQ057	37	51.33	119	36.58	2.69
50	37	50.91	119	33.39	2.70	HHRQ058	37	50.92	119	36.58	2.71
51	37	50.78	119	34.24	2.72	HHRQ059	37	50.12	119	36.70	2.74
52	37	50.39	119	33.54	2.68	HHRQ060	37	50.36	119	35.42	2.70
53	37	50.44	119	35.21	2.67	HHRQ061	37	49.22	119	36.46	2.74
54	37	50.60	119	35.51	2.71	HHRQ062	37	49.01	119	36.40	2.69

TABLE 2.—Hetch Hetchy densities—Continued

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
HHRQ063	37	49.32	119	35.15	2.70	HHRQ133	37	48.65	119	34.49	2.62
HHRQ064	37	49.73	119	34.71	2.70	HHRQ134	37	52.27	119	33.03	2.67
HHRQ065	37	48.91	119	34.63	2.70	HHRQ135	37	51.79	119	33.19	2.65
HHRQ066	37	47.93	119	35.65	2.66	HHRQ136	37	51.30	119	34.20	2.69
HHRQ067	37	48.49	119	33.58	2.78	HHRQ137	37	51.19	119	34.31	2.65
HHRQ068	37	48.42	119	33.51	2.75	HHRQ138	37	47.23	119	34.50	2.73
HHRQ069	37	48.04	119	33.66	2.62	HHRQ139	37	46.98	119	34.64	2.94
HHRQ070	37	47.64	119	34.25	2.75	HHRQ140	37	54.66	119	32.24	2.65
HHRQ071	37	46.80	119	34.25	2.73	HHRQ141	37	54.40	119	33.38	2.66
HHRQ072	37	46.39	119	34.37	2.73	HHRQ142	37	55.01	119	39.13	2.64
HHRQ073	37	45.87	119	35.06	2.77						
HHRQ074	37	47.33	119	36.49	2.70						
HHRQ075	37	49.14	119	32.38	2.67						
HHRQ076	37	49.26	119	31.22	2.66						
HHRQ077	37	49.25	119	39.57	2.69						
HHRQ078	37	49.23	119	40.65	2.72						
HHRQ079	37	48.38	119	34.35	2.70						
HHRQ080	37	46.84	119	44.66	2.68						
HHRQ081	37	46.56	119	44.58	2.74						
HHRQ082	37	46.91	119	42.52	2.65						
HHRQ082	37	46.33	119	42.98	2.65						
HHRQ083	37	46.47	119	42.11	2.64						
HHRQ084	37	46.03	119	42.90	2.62						
HHRQ085	37	45.97	119	42.27	2.65						
HHRQ086	37	45.43	119	42.73	2.66						
HHRQ087	37	47.97	119	40.66	2.66						
HHRQ088	37	47.28	119	39.69	2.65						
HHRQ089	37	48.22	119	39.88	2.62						
HHRQ090	37	48.09	119	39.02	2.64						
HHRQ091	37	48.75	119	38.91	2.58						
HHRQ092	37	49.11	119	38.92	2.62						
HHRQ093	37	48.51	119	36.97	2.60						
HHRQ094	37	46.47	119	37.30	2.65						
HHRQ095	37	45.96	119	37.49	2.64						
HHRQ096	37	47.80	119	35.32	2.64						
HHRQ097	37	46.93	119	35.31	2.63						
HHRQ098	37	46.38	119	35.19	2.64						
HHRQ099	37	45.41	119	35.47	2.63						
HHRQ100	37	48.83	119	32.23	2.68						
HHRQ101	37	50.39	119	33.19	2.66						
HHRQ102	37	50.90	119	32.85	2.62						
HHRQ103	37	50.71	119	31.95	2.71						
HHRQ104	37	50.19	119	32.28	2.65						
HHRQ106	37	51.41	119	32.26	2.60						
HHRQ107	37	51.72	119	31.75	2.65						
HHRQ108	37	51.81	119	31.58	2.61						
HHRQ109	37	52.71	119	30.47	2.65						
HHRQ110	37	51.44	119	30.74	2.65						
HHRQ111	37	51.55	119	31.01	2.82						
HHRQ112	37	50.91	119	30.07	2.69						
HHRQ113	37	50.25	119	30.42	2.63						
HHRQ114	37	49.65	119	31.15	2.59						
HHRQ115	37	49.07	119	32.67	2.60						
HHRQ116	37	46.86	119	34.08	2.64						
HHRQ117	37	46.93	119	33.45	2.67						
HHRQ118	37	49.00	119	31.25	2.70						
HHRQ119	37	48.98	119	31.11	2.67						
HHRQ120	37	49.60	119	30.21	2.66						
HHRQ121	37	49.40	119	30.03	2.61						
HHRQ122	37	48.49	119	30.04	2.67						
HHRQ123	37	47.87	119	30.42	2.66						
HHRQ124	37	47.12	119	30.74	2.68						
HHRQ125	37	45.84	119	31.28	2.65						
HHRQ126	37	45.40	119	33.50	2.66						
HHRQ127	37	46.89	119	32.98	2.60						
HHRQ128	37	49.00	119	30.06	2.61						
HHRQ129	37	48.06	119	30.67	2.65						
HHRQ130	37	46.38	119	31.19	2.64						
HHRQ131	37	45.69	119	31.42	2.61						
HHRQ132	37	55.49	119	44.56	2.79						

TABLE 3.-Tuolumne Meadows densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
184	37 45.01	119 17.00	2.74	TM055	37 54.07	119 15.66	2.81
MARE1	37 55.76	119 15.44	2.72	TM056	37 53.68	119 16.61	2.69
MARE5	37 53.10	119 19.35	2.65	TM057	37 53.45	119 16.74	2.71
MARE6	37 52.75	119 20.36	2.63	TM058	37 53.59	119 15.88	2.68
MARE7	37 52.44	119 21.49	2.61	TM059	37 54.88	119 25.62	2.64
MARE8	37 52.16	119 22.46	2.59	TM060	37 54.81	119 25.01	2.66
MARE9	37 52.32	119 23.55	2.65	TM061	37 54.65	119 24.55	2.71
MARE10	37 52.65	119 24.58	2.66	TM062	37 54.56	119 23.35	2.64
MARE11	37 52.22	119 25.45	2.66	TM063	37 54.67	119 20.95	2.65
MARE12	37 51.84	119 26.13	2.66	TM064	37 54.25	119 28.80	2.62
MARE13	37 51.07	119 26.77	2.67	TM065	37 54.05	119 26.22	2.62
MARE14	37 50.42	119 27.31	2.66	TM066	37 53.27	119 29.40	2.65
MARE15	37 49.94	119 28.02	2.70	TM067	37 53.61	119 28.67	2.65
MARE16	37 49.70	119 28.43	2.67	TM068	37 53.91	119 28.36	2.64
MARE17	37 49.62	119 28.84	2.69	TM069	37 53.43	119 25.89	2.74
MARE18	37 49.96	119 29.52	2.65	TM070	37 54.02	119 25.51	2.74
TM001	37 59.94	119 28.22	2.68	TM071	37 54.13	119 24.86	2.71
TM002	37 59.98	119 27.57	2.67	TM072	37 53.87	119 24.75	2.69
TM003	37 59.72	119 28.46	2.79	TM073	37 53.97	119 22.38	2.61
TM004	37 59.64	119 25.90	2.66	TM074	37 53.83	119 21.12	2.58
TM005	37 59.23	119 27.29	2.66	TM075	37 53.42	119 19.66	2.63
TM006	37 59.20	119 25.43	2.65	TM076	37 53.45	119 18.84	2.65
TM007	37 58.40	119 28.29	2.76	TM077	37 53.66	119 17.51	2.68
TM008	37 58.14	119 27.76	2.73	TM078	37 51.80	119 29.59	2.65
TM009	37 58.36	119 27.53	2.67	TM079	37 51.85	119 28.84	2.63
TM010	37 58.72	119 26.42	2.67	TM080	37 52.18	119 29.21	2.65
TM011	37 58.50	119 25.08	2.68	TM081	37 52.39	119 28.28	2.73
TM012	37 58.47	119 24.08	2.64	TM082	37 52.13	119 27.64	2.68
TM013	37 58.75	119 23.07	2.62	TM083	37 52.13	119 27.06	2.67
TM014	37 58.02	119 26.83	2.82	TM084	37 52.08	119 26.90	2.68
TM015	37 57.59	119 27.14	2.74	TM085	37 52.00	119 27.35	2.67
TM016	37 57.59	119 26.66	2.73	TM086	37 51.86	119 27.71	2.67
TM017	37 57.55	119 26.19	2.71	TM087	37 52.17	119 26.39	2.66
TM018	37 57.87	119 24.94	2.66	TM088	37 51.88	119 25.87	2.67
TM019	37 57.61	119 24.29	2.63	TM089	37 52.41	119 25.34	2.67
TM020	37 57.92	119 23.29	2.64	TM090	37 52.58	119 24.81	2.67
TM021	37 56.92	119 27.40	2.64	TM091	37 52.85	119 24.08	2.65
TM022	37 57.09	119 27.27	2.77	TM092	37 53.16	119 24.43	2.66
TM023	37 57.20	119 26.50	2.82	TM093	37 53.07	119 23.89	2.65
TM024	37 57.34	119 26.09	2.69	TM094	37 52.61	119 23.59	2.66
TM025	37 57.14	119 26.46	2.64	TM095	37 52.46	119 23.28	2.65
TM026	37 56.95	119 25.48	2.78	TM096	37 52.19	119 24.03	2.63
TM027	37 57.05	119 25.47	2.71	TM097	37 52.43	119 22.54	2.63
TM028	37 57.29	119 24.88	2.68	TM098	37 52.40	119 22.41	2.61
TM029	37 56.42	119 27.09	2.62	TM099	37 52.29	119 22.05	2.63
TM030	37 56.44	119 25.71	2.64	TM100	37 52.29	119 22.04	2.63
TM031	37 55.88	119 28.19	2.65	TM101	37 52.66	119 21.34	2.61
TM032	37 55.67	119 27.51	2.64	TM102	37 52.66	119 20.73	2.66
TM033	37 55.91	119 27.12	2.71	TM103	37 52.66	119 20.95	2.65
TM034	37 55.41	119 27.05	2.65	TM104	37 52.86	119 19.18	2.66
TM035	37 55.65	119 26.65	2.63	TM105	37 52.78	119 18.23	2.67
TM036	37 55.78	119 24.11	2.76	TM106	37 52.25	119 18.86	2.65
TM037	37 55.58	119 24.71	2.80	TM107	37 52.73	119 17.70	2.68
TM038	37 56.38	119 22.95	2.66	TM108	37 52.04	119 17.43	2.67
TM039	37 55.60	119 23.10	2.71	TM109	37 52.13	119 15.29	2.75
TM040	37 55.36	119 23.85	2.77	TM110	37 51.96	119 15.82	2.70
TM041	37 55.62	119 21.63	2.64	TM111	37 51.08	119 29.95	2.67
TM042	37 55.08	119 22.18	2.80	TM112	37 51.35	119 29.25	2.80
TM043	37 55.23	119 20.57	2.63	TM113	37 51.39	119 29.34	2.64
TM044	37 56.02	119 18.98	2.64	TM114	37 51.37	119 29.23	2.80
TM045	37 55.04	119 18.47	2.64	TM115	37 51.31	119 29.12	2.76
TM046	37 55.94	119 16.80	2.70	TM117	37 51.30	119 29.05	2.74
TM047	37 55.12	119 16.58	2.76	TM116	37 51.59	119 28.29	2.69
TM048	37 54.76	119 17.42	2.71	TM118	37 51.27	119 28.95	2.70
TM049	37 54.45	119 15.99	2.75	TM119	37 51.24	119 28.84	2.70
TM050	37 54.26	119 16.19	2.74	TM120	37 51.11	119 28.43	2.69
TM051	37 54.45	119 15.98	2.78	TM121	37 51.19	119 29.16	2.83
TM052	37 54.29	119 15.88	2.76	TM122	37 51.04	119 28.61	2.71
TM053	37 54.18	119 15.81	2.73	TM123	37 51.42	119 27.53	2.69
TM054	37 54.16	119 16.06	2.73	TM124	37 50.70	119 27.79	2.64

TABLE 3.—Tuolumne Meadows densities—Continued

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
TM125	37	50.40	119	27.02	2.70	TM195	37	49.81	119	26.31	2.65
TM126	37	50.73	119	26.75	2.67	TM196	37	49.31	119	26.22	2.66
TM127	37	50.94	119	26.57	2.66	TM197	37	49.30	119	26.90	2.66
TM128	37	51.22	119	26.38	2.67	TM198	37	48.76	119	26.77	2.66
TM129	37	51.40	119	25.77	2.66	TM199	37	48.07	119	26.15	2.66
TM130	37	50.94	119	25.67	2.65	TM200	37	47.86	119	26.50	2.68
TM131	37	51.44	119	24.92	2.66	TM201	37	47.47	119	25.82	2.68
TM132	37	51.52	119	24.16	2.64	TM202	37	47.38	119	26.09	2.77
TM133	37	50.71	119	24.65	2.62	TM203	37	47.07	119	26.27	2.67
TM134	37	50.64	119	23.90	2.64	TM204	37	46.74	119	26.02	2.67
TM135	37	51.12	119	23.11	2.64	TM205	37	47.11	119	25.61	2.68
TM136	37	51.65	119	22.76	2.63	TM206	37	46.56	119	25.75	2.66
TM137	37	51.48	119	22.10	2.62	TM207	37	46.52	119	25.13	2.67
TM138	37	51.69	119	21.16	2.66	TM208	37	46.33	119	25.32	2.67
TM139	37	51.92	119	18.88	2.63	TM209	37	45.91	119	25.22	2.67
TM140	37	51.89	119	18.27	2.66	TM210	37	45.49	119	25.49	2.68
TM141	37	51.93	119	17.10	2.65	TM211	37	45.15	119	23.77	2.67
TM142	37	51.46	119	17.38	2.67	TM212	37	45.55	119	24.36	2.66
TM143	37	51.35	119	15.31	2.72	TM213	37	45.79	119	24.30	2.66
TM144	37	50.78	119	15.65	2.73	TM214	37	45.35	119	23.65	2.66
TM145	37	51.10	119	16.33	2.65	TM215	37	46.01	119	23.94	2.66
TM146	37	50.53	119	17.18	2.70	TM216	37	46.31	119	24.55	2.66
TM147	37	50.73	119	18.20	2.67	TM217	37	46.66	119	24.47	2.66
TM148	37	50.91	119	17.39	2.64	TM218	37	46.64	119	23.94	2.66
TM149	37	50.98	119	17.43	2.71	TM219	37	47.13	119	25.01	2.66
TM150	37	51.53	119	19.98	2.63	TM220	37	47.30	119	24.17	2.65
TM151	37	51.21	119	20.73	2.64	TM221	37	47.49	119	24.99	2.65
TM152	37	51.01	119	20.16	2.63	TM222	37	47.78	119	25.51	2.66
TM153	37	50.65	119	19.69	2.63	TM223	37	48.19	119	25.40	2.67
TM154	37	50.50	119	20.32	2.64	TM224	37	48.21	119	25.01	2.67
TM155	37	50.77	119	20.96	2.58	TM225	37	48.16	119	24.46	2.65
TM156	37	50.87	119	22.35	2.61	TM226	37	47.92	119	23.87	2.66
TM157	37	50.77	119	22.38	2.61	TM227	37	48.25	119	22.88	2.65
TM158	37	50.46	119	23.23	2.63	TM228	37	48.77	119	23.60	2.65
TM159	37	50.32	119	22.28	2.59	TM229	37	48.95	119	24.49	2.66
TM160	37	50.48	119	26.33	2.68	TM230	37	49.34	119	25.35	2.64
TM161	37	50.42	119	25.93	2.66	TM231	37	49.81	119	24.44	2.64
TM162	37	50.18	119	25.54	2.66	TM232	37	49.97	119	23.72	2.63
TM163	37	50.15	119	29.83	2.75	TM233	37	49.92	119	22.07	2.62
TM164	37	50.22	119	28.53	2.69	TM234	37	49.55	119	22.13	2.57
TM165	37	50.03	119	27.67	2.72	TM235	37	49.54	119	22.12	2.58
TM166	37	49.96	119	27.81	2.68	TM236	37	49.31	119	23.11	2.66
TM167	37	50.05	119	27.40	2.70	TM237	37	49.00	119	22.28	2.64
TM168	37	49.84	119	28.02	2.66	TM238	37	49.17	119	21.70	2.60
TM169	37	49.58	119	28.15	2.71	TM239	37	49.25	119	20.80	2.61
TM170	37	49.45	119	28.42	2.68	TM240	37	49.70	119	21.00	2.56
TM171	37	49.20	119	28.68	2.70	TM241	37	48.37	119	22.23	2.66
TM172	37	49.00	119	28.83	2.67	TM242	37	50.04	119	20.50	2.61
TM173	37	48.77	119	28.96	2.70	TM243	37	50.07	119	19.61	2.63
TM174	37	48.70	119	29.10	2.69	TM244	37	49.57	119	20.41	2.63
TM175	37	48.27	119	29.06	2.69	TM245	37	48.89	119	20.62	2.65
TM176	37	48.16	119	28.41	2.69	TM246	37	48.64	119	20.20	2.62
TM177	37	48.79	119	29.59	2.66	TM247	37	48.62	119	21.21	2.63
TM178	37	49.52	119	29.76	2.67	TM248	37	49.25	119	19.61	2.65
TM179	37	47.96	119	27.44	2.67	TM249	37	48.81	119	19.79	2.67
TM180	37	47.78	119	29.74	2.70	TM250	37	48.40	119	20.09	2.65
TM181	37	47.43	119	29.03	2.67	TM251	37	48.34	119	20.68	2.65
TM182	37	47.10	119	28.05	2.64	TM252	37	48.07	119	21.37	2.65
TM183	37	46.24	119	29.11	2.65	TM253	37	47.66	119	21.82	2.66
TM184	37	45.90	119	28.35	2.66	TM254	37	47.10	119	22.68	2.66
TM185	37	45.57	119	29.98	2.68	TM255	37	46.76	119	22.62	2.67
TM186	37	45.03	119	27.22	2.68	TM256	37	46.44	119	23.21	2.67
TM187	37	45.23	119	26.13	2.68	TM257	37	46.59	119	22.40	2.67
TM188	37	45.55	119	26.70	2.65	TM258	37	46.18	119	22.29	2.67
TM189	37	45.88	119	27.05	2.70	TM259	37	45.86	119	21.60	2.64
TM190	37	46.20	119	26.67	2.67	TM260	37	45.69	119	21.78	2.64
TM191	37	46.58	119	26.80	2.69	TM261	37	45.38	119	21.26	2.65
TM192	37	50.01	119	26.30	2.66	TM262	37	45.03	119	21.41	2.64
TM193	37	49.90	119	26.18	2.69	TM263	37	45.02	119	20.73	2.65
TM194	37	49.79	119	26.18	2.67	TM264	37	45.43	119	20.74	2.65

TABLE 3.—Tuolumne Meadows densities—Continued

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
TM265	37	45.23	119	19.95	2.64	TM335	37	45.36	119	16.32	2.78
TM266	37	45.67	119	20.56	2.66	TM336	37	45.25	119	15.51	2.76
TM267	37	45.07	119	19.27	2.66	TM337	37	46.93	119	19.15	2.65
TM268	37	45.48	119	18.41	2.68	TM338	37	52.61	119	29.75	2.62
TM269	37	45.56	119	18.95	2.70	TM339	37	52.72	119	29.64	2.66
TM270	37	45.78	119	18.53	2.69	TM340	37	52.99	119	28.64	2.64
TM271	37	45.72	119	19.08	2.69	TM341	37	53.09	119	27.72	2.79
TM272	37	45.88	119	19.70	2.70	TM400	37	56.11	119	29.00	2.65
TM273	37	45.94	119	19.12	2.63	TM401	37	55.95	119	29.88	2.62
TM274	37	46.04	119	18.98	2.69	TM402	37	55.50	119	28.70	2.61
TM275	37	46.33	119	19.14	2.68	TM403	37	55.02	119	28.65	2.62
TM276	37	46.15	119	19.46	2.62	TM404	37	55.32	119	28.24	2.69
TM277	37	46.13	119	20.75	2.67	TM405	37	54.93	119	28.11	2.62
TM278	37	46.37	119	21.28	2.68	TM406	37	54.81	119	27.62	2.62
TM279	37	46.65	119	21.53	2.68	TM407	37	54.78	119	28.50	2.75
TM280	37	46.93	119	22.27	2.66	TM408	37	54.67	119	28.44	2.62
TM281	37	47.21	119	21.93	2.65	TM409	37	54.41	119	28.01	2.64
TM282	37	46.93	119	21.00	2.66	TM410	37	54.38	119	27.33	2.63
TM283	37	46.83	119	20.78	2.67	TM411	37	53.98	119	28.77	2.60
TM284	37	46.44	119	20.43	2.67	TM412	37	52.97	119	28.06	2.80
TM285	37	46.68	119	20.02	2.67	TM413	37	59.92	119	25.16	2.64
TM286	37	47.09	119	20.41	2.68	TM414	37	59.49	119	24.47	2.63
TM287	37	47.28	119	20.69	2.65	TM415	37	58.51	119	24.99	2.63
TM288	37	47.34	119	21.42	2.65	TM416	37	59.23	119	23.72	2.64
TM289	37	47.70	119	20.33	2.67	TM417	37	59.99	119	23.08	2.63
TM290	37	47.99	119	20.70	2.66	TM418	37	59.35	119	23.04	2.61
TM291	37	48.10	119	20.04	2.65	TM419	37	59.33	119	22.54	2.64
TM292	37	48.22	119	19.32	2.67	TM420	37	58.98	119	22.66	2.61
TM293	37	47.62	119	19.68	2.67	TM421	37	58.23	119	22.46	2.64
TM294	37	47.55	119	19.14	2.63	TM422	37	58.42	119	21.58	2.64
TM295	37	47.45	119	19.40	2.70	TM423	37	57.78	119	21.67	2.61
TM296	37	47.31	119	18.75	2.64	TM424	37	57.20	119	21.04	2.62
TM297	37	47.51	119	18.67	2.69	TM425	37	57.70	119	20.55	2.63
TM298	37	47.74	119	18.89	2.72	TM426	37	57.49	119	19.85	2.63
TM299	37	47.94	119	18.14	2.70	TM427	37	57.18	119	20.42	2.62
TM301	37	48.03	119	18.66	2.71	TM428	37	56.71	119	21.73	2.63
TM300	37	47.96	119	17.64	2.75	TM429	37	56.11	119	21.93	2.63
TM302	37	48.61	119	18.98	2.66	TM430	37	56.37	119	19.86	2.65
TM303	37	48.62	119	18.38	2.66	TM431	37	56.47	119	19.33	2.62
TM304	37	48.64	119	17.98	2.71	TM432	37	56.78	119	18.25	2.68
TM305	37	48.43	119	17.90	2.72	TM433	37	57.00	119	19.02	2.64
TM306	37	49.18	119	18.38	2.67	TM434	37	56.79	119	18.10	2.69
TM307	37	49.64	119	17.60	2.67	TM435	37	57.10	119	18.33	2.66
TM308	37	49.72	119	18.44	2.69	TM436	37	57.36	119	18.44	2.68
TM309	37	50.08	119	18.33	2.65	TM437	37	57.40	119	17.72	2.73
TM310	37	50.14	119	17.62	2.68	TM438	37	57.78	119	18.20	2.66
TM311	37	50.14	119	16.00	2.69	TM439	37	58.18	119	18.40	2.67
TM313	37	49.64	119	16.73	2.67	TM440	37	58.38	119	17.78	2.68
TM312	37	49.86	119	16.34	2.65	TM441	37	58.54	119	18.33	2.68
TM314	37	49.26	119	17.38	2.68	TM442	37	58.80	119	18.05	2.55
TM315	37	49.73	119	15.99	2.68	TM443	37	59.16	119	18.31	2.67
TM316	37	49.67	119	15.07	2.75	TM444	37	58.67	119	18.95	2.67
TM317	37	49.38	119	15.73	2.67	TM445	37	58.65	119	19.81	2.63
TM318	37	48.78	119	15.90	2.65	TM446	37	58.72	119	20.69	2.65
TM319	37	48.89	119	15.52	2.70	TM447	37	59.51	119	21.16	2.63
TM320	37	48.48	119	15.88	2.71	TM448	37	59.97	119	20.29	2.60
TM321	37	48.64	119	16.01	2.71	TM449	37	59.62	119	19.11	2.66
TM322	37	48.72	119	16.14	2.67	TM450	37	59.92	119	18.48	2.67
TM323	37	48.71	119	16.77	2.69	HHRQ017	37	54.03	119	29.99	2.62
TM324	37	48.32	119	17.00	2.67						
TM325	37	48.01	119	16.46	2.74						
TM326	37	48.17	119	15.35	2.69						
TM327	37	47.61	119	15.68	2.75						
TM328	37	47.30	119	17.39	2.75						
TM329	37	47.05	119	16.21	2.74						
TM330	37	46.81	119	17.53	2.79						
TM331	37	46.58	119	15.04	2.79						
TM332	37	46.08	119	17.04	2.76						
TM333	37	45.70	119	16.03	2.73						
TM334	37	45.36	119	16.92	2.74						

TABLE 4.-Mono Craters densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
M001	37	59.14	119	13.68	2.71	M071	37	46.15	119	6.60	2.63
M002	37	59.05	119	13.66	2.72	M072	37	48.77	119	13.92	2.73
M003	37	58.86	119	13.46	2.67	M073	37	48.11	119	13.72	2.73
M004	37	58.66	119	13.04	2.68	M074	37	46.68	119	14.48	2.67
M005	37	58.73	119	12.42	2.76	M075	37	47.18	119	12.26	2.67
M006	37	58.36	119	13.13	2.80	M076	37	45.87	119	14.80	2.68
M007	37	58.11	119	12.13	2.73	M077	37	45.26	119	14.89	2.75
M008	37	58.13	119	11.82	2.66	M078	37	47.90	119	12.49	2.75
M009	37	57.92	119	11.91	2.71	M079	37	46.86	119	11.09	2.74
M010	37	57.54	119	12.67	2.83	M080	37	46.02	119	11.34	2.64
M011	37	57.33	119	13.21	2.66	M081	37	45.67	119	10.17	2.65
M012	37	57.92	119	10.78	2.71	M082	37	45.23	119	10.10	2.67
M013	37	57.83	119	10.75	2.77	M083	37	45.54	119	9.88	2.68
M014	37	57.46	119	10.40	2.84	M084	37	45.16	119	9.96	2.73
M015	37	58.11	119	13.48	3.14	M086	37	59.62	119	9.05	2.67
M016	37	57.44	119	10.85	2.69	M087	37	57.92	119	8.09	2.65
M017	37	57.17	119	10.30	2.77						
M018	37	57.28	119	10.04	2.67						
M019	37	57.17	119	9.85	2.67						
M020	37	56.89	119	9.98	2.57						
M021	37	56.07	119	10.61	2.57						
M022	37	56.49	119	11.58	2.71						
M023	37	56.15	119	12.26	2.59						
M024	37	54.72	119	10.49	2.61						
M025	37	54.39	119	12.63	2.64						
M026	37	53.39	119	12.41	2.62						
M027	37	56.70	119	13.76	2.64						
M028	37	56.52	119	13.86	2.70						
M029	37	56.49	119	13.50	2.67						
M030	37	56.37	119	13.61	2.64						
M031	37	56.09	119	13.61	2.63						
M032	37	55.24	119	13.61	2.68						
M033	37	55.13	119	12.65	2.76						
M034	37	55.93	119	7.02	2.61						
M035	37	55.16	119	6.45	2.69						
M036	37	54.58	119	7.37	2.71						
M037	37	54.70	119	7.78	2.42						
M038	37	51.56	119	4.51	2.69						
M039	37	51.47	119	12.09	2.63						
M040	37	51.65	119	11.76	2.64						
M041	37	51.93	119	11.07	2.66						
M042	37	52.01	119	10.70	2.62						
M043	37	51.87	119	10.58	2.61						
M044	37	51.58	119	10.73	2.63						
M045	37	51.26	119	10.78	2.63						
M046	37	51.14	119	11.68	2.74						
M047	37	50.87	119	10.80	2.66						
M048	37	51.90	119	9.03	2.68						
M049	37	51.38	119	8.95	2.62						
M050	37	51.38	119	8.77	2.61						
M051	37	49.35	119	9.86	2.66						
M052	37	49.90	119	8.60	2.63						
M053	37	50.02	119	7.82	2.66						
M054	37	50.28	119	8.32	2.72						
M055	37	49.11	119	6.16	2.62						
M056	37	48.89	119	8.58	2.57						
M057	37	48.45	119	5.96	2.76						
M058	37	48.37	119	5.90	2.63						
M059	37	48.31	119	6.07	2.63						
M060	37	48.23	119	6.00	2.63						
M061	37	47.63	119	4.80	2.66						
M062	37	47.25	119	5.05	2.71						
M063	37	47.03	119	5.05	2.66						
M064	37	46.93	119	5.00	2.69						
M065	37	46.97	119	7.99	2.66						
M066	37	46.89	119	7.98	2.63						
M067	37	46.66	119	7.89	2.63						
M068	37	45.85	119	7.58	2.66						
M069	37	46.22	119	6.90	2.67						
M070	37	45.93	119	6.86	2.67						

TABLE 5.—Cowtrack Mountain densities

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
CT1	37	57.27	118	46.93	2.67
CT2	37	56.53	118	48.32	2.68
CT3	37	56.05	118	46.25	2.62
CT4	37	55.32	118	45.30	2.60
CT5	37	54.95	118	45.84	2.62
CT6	37	55.00	118	50.24	2.63
CT7	37	54.89	118	49.82	2.80
CT8	37	54.10	118	49.60	2.69
CT9	37	53.60	118	48.25	2.73
CT10	37	53.56	118	50.84	2.68
CT11	37	53.35	118	51.27	2.71
CT12	37	52.78	118	50.13	2.71
CT13	37	52.58	118	51.60	2.69
CT14	37	51.85	118	50.24	2.69
CT15	37	51.10	118	50.45	2.72
CT16	37	50.72	118	50.52	2.66
CT17	37	50.95	118	48.80	2.70
CT18	37	50.95	118	48.29	2.68
CT19	37	50.77	118	47.36	2.72
CT20	37	50.45	118	47.92	2.70
CT21	37	50.46	118	48.73	2.71
CT22	37	50.31	118	49.35	2.72
CT23	37	50.49	118	49.72	2.72
CT24	37	50.26	118	50.28	2.69
CT25	37	49.93	118	49.79	2.70
CT26	37	49.73	118	48.55	2.73
CT27	37	49.41	118	49.52	3.02
CT28	37	49.66	118	48.87	2.71
CT29	37	49.41	118	48.54	2.92
CT30	37	49.40	118	49.79	2.71
CT31	37	48.65	118	48.83	2.63
CT32	37	49.35	118	53.20	2.90
CT33	37	46.27	118	49.06	2.67
CT34	37	46.36	118	49.63	2.70
CT35	37	46.19	118	49.85	2.64
CT36	37	46.09	118	49.36	2.59
CT37	37	46.06	118	49.98	2.65
CT39	37	46.21	118	50.35	2.67
CT40	37	46.02	118	50.99	2.84
CT41	37	46.30	118	51.54	2.80
CT42	37	46.37	118	50.45	2.71
CT43	37	46.55	118	50.52	2.77
CT44	37	45.25	118	56.55	2.61

TABLE 6.—Glass Mountain densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
GM1	37	55.58	118	44.94	2.63	GM71	37	45.22	118	32.71	2.60
GM2	37	54.71	118	43.87	2.61	GM72	37	45.22	118	32.64	2.74
GM3	37	54.50	118	44.99	2.58	GM73	37	45.60	118	34.96	2.60
GM4	37	45.50	118	44.69	2.69	GM74	37	45.52	118	35.25	2.72
GM5	37	45.14	118	38.26	2.68	GM75	37	45.79	118	35.59	2.74
GM6	37	45.94	118	38.17	2.71	GM76	37	46.29	118	34.89	2.69
GM7	37	46.26	118	38.10	2.71	GM77	37	46.42	118	35.76	2.70
GM8	37	46.38	118	38.82	2.63	GM78	37	46.89	118	35.97	2.64
GM9	37	46.87	118	38.82	2.75	GM79	37	46.96	118	35.42	2.66
GM10	37	47.00	118	39.42	2.71	GM80	37	46.98	118	34.83	2.60
GM11	37	46.89	118	40.46	2.71	GM81	37	47.06	118	35.01	2.69
GM12	37	46.49	118	40.53	2.72	GM82	37	47.74	118	35.23	2.69
GM13	37	45.10	118	36.17	2.74	GM83	37	47.54	118	36.35	2.63
GM14	37	45.37	118	37.02	2.71	GM84	37	48.15	118	35.80	2.71
GM15	37	45.95	118	36.82	2.72	GM85	37	48.53	118	35.50	2.70
GM16	37	46.59	118	37.63	2.66	GM86	37	48.78	118	35.93	2.64
GM17	37	46.99	118	37.90	2.64	GM87	37	49.28	118	35.70	2.71
GM18	37	47.12	118	38.27	3.09	GM88	37	49.05	118	36.54	2.67
GM19	37	47.36	118	36.72	2.65	GM89	37	48.83	118	37.83	2.70
GM20	37	47.48	118	38.06	2.64						
GM21	37	47.63	118	38.33	2.65						
GM22	37	47.86	118	37.73	2.69						
GM23	37	47.87	118	37.30	2.70						
GM24	37	47.98	118	38.32	2.64						
GM25	37	48.69	118	38.83	2.65						
GM26	37	49.69	118	40.17	2.66						
GM27	37	49.43	118	39.22	2.50						
GM28	37	49.43	118	38.55	2.68						
GM29	37	50.40	118	38.23	2.67						
GM30	37	51.30	118	37.61	2.68						
GM31	37	52.17	118	37.66	2.68						
GM32	37	53.06	118	37.83	2.68						
GM33	37	51.22	118	36.51	2.67						
GM34	37	51.18	118	35.87	2.67						
GM35	37	51.83	118	34.70	2.68						
GM36	37	52.52	118	34.17	2.70						
GM37	37	53.01	118	33.98	2.69						
GM38	37	51.18	118	34.07	2.67						
GM39	37	50.82	118	33.42	2.70						
GM40	37	50.49	118	33.31	2.69						
GM41	37	50.35	118	36.41	2.69						
GM42	37	50.42	118	37.38	2.66						
GM43	37	49.58	118	37.81	2.68						
GM44	37	49.87	118	36.54	2.67						
GM45	37	49.97	118	35.80	2.67						
GM46	37	50.30	118	32.97	2.65						
GM47	37	49.70	118	32.76	2.70						
GM48	37	49.77	118	33.66	2.66						
GM49	37	49.44	118	33.18	2.67						
GM50	37	49.43	118	32.70	2.60						
GM51	37	48.85	118	33.49	2.58						
GM52	37	48.53	118	32.97	2.67						
GM53	37	48.80	118	33.72	2.71						
GM54	37	48.27	118	33.78	2.67						
GM55	37	47.94	118	33.81	2.59						
GM56	37	48.19	118	32.44	2.61						
GM57	37	47.95	118	32.72	2.60						
GM58	37	47.49	118	30.69	2.61						
GM59	37	48.37	118	30.47	2.62						
GM60	37	49.03	118	30.43	2.62						
GM61	37	49.03	118	30.58	2.71						
GM62	37	46.70	118	30.02	2.60						
GM63	37	46.30	118	30.07	2.74						
GM64	37	45.41	118	30.15	2.75						
GM65	37	46.08	118	31.94	2.67						
GM66	37	47.39	118	33.60	2.61						
GM67	37	46.53	118	34.10	2.61						
GM68	37	46.27	118	34.24	2.60						
GM69	37	45.90	118	34.21	2.63						
GM70	37	45.57	118	33.23	2.59						

TABLE 7.—*El Portal densities*

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
AR-02	37	42.26	119	45.27	2.62
AR-03	37	44.93	119	47.77	2.64
AR-04A	37	44.81	119	47.17	2.63
AR-04B	37	44.81	119	47.17	2.62
AR-05	37	44.50	119	46.81	2.59
BL-01	37	41.69	119	45.64	2.62
BL-02	37	41.28	119	45.76	2.54
BL-03	37	41.33	119	45.95	2.60
BL-03B	37	41.33	119	45.94	2.70
BL-04	37	40.64	119	46.37	2.60
BL-05	37	40.77	119	45.64	2.65
BL-06	37	43.19	119	46.00	2.52
BL-07	37	44.53	119	51.75	2.62
BL-08	37	43.92	119	53.15	2.74
BL-09	37	44.10	119	54.00	2.58
BL-10	37	44.13	119	54.85	2.73
BL-11	37	43.46	119	45.96	2.53
BL-12	37	43.40	119	45.99	2.58
BL-13	37	32.93	119	54.33	2.71
BL-13	37	39.58	119	51.17	2.76
BL-14	37	31.27	119	54.97	2.67
BL-15	37	31.48	119	53.42	2.82
BL-16	37	33.07	119	50.50	2.76
BL-17	37	30.83	119	46.35	2.54
BL-19	37	33.64	119	46.01	2.66
DG-01	37	41.43	119	45.96	2.59
DG-02	37	41.46	119	45.93	2.69
DG-03	37	41.66	119	46.28	2.81
DG-04A	37	41.52	119	46.43	2.90
DG-04B	37	41.52	119	46.43	2.87
DG-05	37	41.21	119	46.81	2.98
DG-06	37	40.96	119	46.79	2.87
DG-07	37	40.64	119	46.34	2.96
DG-08	37	43.56	119	55.37	2.79
DG-09	37	44.50	119	54.79	2.85
DG-10	37	35.75	119	51.47	2.72
DG-11	37	33.62	119	51.56	3.03
EC-01	37	43.23	119	46.27	2.55
EC-02	37	43.28	119	46.37	2.55
EC-03	37	43.19	119	46.70	2.63
EC-04	37	43.21	119	46.95	2.58
EC-05	37	43.16	119	47.16	2.55
EC-07	37	42.95	119	48.36	2.55
EC-08	37	43.24	119	49.10	2.58
EC-09	37	44.11	119	46.58	2.55
EC-10	37	43.79	119	46.12	2.69
EPB-1	37	35.51	119	51.10	2.76
EPB-2	37	39.88	119	50.42	2.76
EPC-1	37	34.49	119	52.69	2.57
EPC-2	37	30.54	119	52.59	2.77
EPC-3	37	30.81	119	53.51	2.76
EPC-4	37	30.71	119	54.30	2.76
EPD-1	37	30.38	119	49.18	2.69
EPD-2	37	31.12	119	50.10	2.80
EPD-5	37	32.40	119	50.16	2.78
EPD-6	37	31.82	119	50.05	2.80
EPD-7	37	30.27	119	50.61	2.74
EPD-8	37	30.76	119	51.07	2.81
KA-01	37	41.95	119	45.29	2.60
KA-01B	37	41.94	119	45.29	2.66
PE-01	37	43.16	119	46.12	2.63

TABLE 8.—Yosemite densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
Y001	37 30.83	119 30.24	2.74	Y140	37 35.90	119 31.82	2.63
Y002	37 30.89	119 30.32	2.73	Y141	37 35.84	119 31.34	2.76
Y003	37 31.11	119 30.13	2.71	Y143	37 39.22	119 36.47	2.73
Y004	37 33.62	119 30.37	2.66	Y145	37 39.44	119 35.40	2.68
Y005	37 32.38	119 30.75	2.68	Y151	37 40.98	119 38.58	2.76
Y006	37 32.05	119 30.27	2.76	Y152	37 41.06	119 38.46	2.70
Y007	37 31.98	119 30.17	2.77	Y154	37 40.70	119 37.24	2.72
Y012	37 37.88	119 32.88	2.68	Y156	37 41.18	119 36.97	2.66
Y025	37 38.13	119 34.62	2.69	Y157	37 40.16	119 35.16	2.73
Y027	37 37.12	119 31.77	2.67	Y158	37 40.56	119 36.21	2.66
Y051	37 41.09	119 31.42	2.80	Y159	37 41.02	119 36.56	2.63
Y052-1	37 41.22	119 32.48	2.80	Y160	37 40.75	119 36.06	2.62
Y053	37 37.83	119 32.40	2.62	Y161	37 42.27	119 39.09	2.65
Y053	37 41.10	119 40.47	2.65	Y163	37 41.38	119 38.46	2.61
Y054	37 38.91	119 32.24	2.74	Y166A	37 41.58	119 36.83	2.62
Y055	37 38.39	119 32.97	2.70	Y166B	37 41.72	119 35.09	2.71
Y056	37 37.26	119 33.15	2.64	Y167	37 41.17	119 35.34	2.73
Y057	37 37.08	119 32.48	2.66	Y168	37 40.75	119 35.28	2.66
Y058	37 37.05	119 33.83	2.66	Y169	37 40.54	119 35.22	2.72
Y060	37 37.10	119 34.92	2.65	Y171	37 41.38	119 36.17	2.61
Y061	37 37.15	119 35.02	2.65	Y173	37 43.64	119 34.31	2.79
Y062	37 38.31	119 33.45	2.69	Y174	37 43.12	119 34.76	2.75
Y064	37 39.36	119 34.33	2.71	Y176	37 41.13	119 34.95	2.65
Y065	37 38.79	119 35.28	2.62	Y177	37 41.19	119 33.79	2.77
Y066	37 39.61	119 37.08	2.61	Y307	37 41.77	119 34.82	2.69
Y068	37 40.00	119 36.75	2.74	Y308	37 41.75	119 34.78	2.62
Y072	37 39.39	119 33.72	2.74	Y309	37 41.92	119 34.58	2.71
Y074	37 39.47	119 33.06	2.71	Y310	37 42.06	119 34.48	2.74
Y075	37 39.30	119 32.76	2.73	Y311	37 42.44	119 34.74	2.72
Y076	37 39.72	119 32.15	2.74	Y312	37 42.26	119 34.87	2.77
Y077	37 40.17	119 37.49	2.74	Y313	37 42.87	119 34.06	2.77
Y082	37 34.07	119 30.66	2.71	Y314	37 42.55	119 33.80	2.66
Y083	37 33.74	119 30.52	2.65	Y315	37 42.39	119 34.08	2.78
Y084	37 35.24	119 30.03	2.63	Y316	37 43.86	119 34.67	2.76
Y085	37 35.05	119 30.68	2.66	Y317	37 43.95	119 34.84	2.80
Y087	37 33.82	119 31.03	2.77	Y318	37 43.95	119 35.17	2.78
Y088	37 33.54	119 31.64	2.66	Y319	37 44.15	119 35.32	2.66
Y089	37 34.45	119 32.84	2.72	Y320	37 43.89	119 35.66	2.74
Y090	37 34.53	119 33.09	2.67	Y321	37 40.54	119 34.10	2.71
Y092	37 35.20	119 33.89	2.73	Y322	37 40.28	119 33.66	2.75
Y093	37 34.53	119 30.77	2.73	Y324	37 41.95	119 38.06	2.67
Y094	37 34.75	119 30.79	2.65	Y325	37 41.81	119 38.24	2.65
Y095	37 35.12	119 32.08	2.67	Y326	37 41.95	119 38.80	2.58
Y096	37 35.25	119 31.78	2.66	Y327	37 37.82	119 37.94	2.54
Y097	37 33.63	119 31.19	2.64	Y328	37 37.41	119 37.87	2.67
Y098	37 33.11	119 31.19	2.65	Y329	37 37.07	119 37.81	2.69
Y099	37 32.44	119 31.58	2.63	Y330	37 40.98	119 34.09	2.72
Y100	37 34.50	119 33.21	2.67	Y331	37 41.46	119 34.24	2.70
Y102	37 34.33	119 34.68	2.65	Y332	37 41.64	119 34.63	2.69
Y103	37 34.41	119 35.61	2.65	Y333	37 41.89	119 36.94	2.68
Y104	37 33.83	119 36.93	2.66	Y334	37 41.92	119 36.65	2.65
Y105	37 33.98	119 37.30	2.74	Y335	37 42.01	119 36.33	2.61
Y106	37 33.68	119 37.70	2.67	Y336	37 40.88	119 35.93	2.62
Y106B	37 42.65	119 36.33	2.60	Y337	37 41.81	119 36.68	2.64
Y107	37 38.49	119 35.11	2.71	Y338	37 41.55	119 34.60	2.76
Y110	37 37.21	119 36.72	2.63	Y341	37 37.98	119 37.10	2.70
Y111	37 36.74	119 35.72	2.70	Y342	37 36.40	119 35.98	2.73
Y113	37 37.67	119 32.78	2.66	Y343	37 36.30	119 36.60	2.64
Y126	37 34.14	119 30.31	2.72	Y344	37 36.78	119 37.64	2.90
Y127	37 34.40	119 31.09	2.64	Y345	37 38.34	119 36.68	2.62
Y128	37 34.30	119 31.32	2.70	Y346	37 38.07	119 36.53	2.62
Y129	37 34.71	119 31.39	2.70	Y348	37 37.58	119 35.87	2.70
Y130	37 34.52	119 31.82	2.72	Y349	37 36.94	119 36.02	2.76
Y131	37 34.31	119 32.39	2.72	Y350	37 37.52	119 39.30	2.62
Y133	37 34.92	119 33.31	2.71	Y350	37 41.22	119 34.41	2.77
Y134	37 35.19	119 33.46	2.70	Y351	37 38.34	119 39.32	2.58
Y135	37 36.01	119 30.24	2.65	Y352	37 38.22	119 38.96	2.67
Y137	37 35.86	119 30.09	2.70	Y354	37 38.04	119 38.87	2.62
Y138	37 35.67	119 30.58	2.68	Y357	37 38.16	119 40.45	2.73
Y139	37 35.73	119 31.94	2.65	Y357	37 38.32	119 40.66	2.73

TABLE 8.—Yosemite densities—Continued

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
Y358	37 38.13	119 40.22	2.72	Y442	37 34.50	119 40.75	2.78
Y359	37 38.05	119 40.06	2.60	Y443	37 35.50	119 40.79	2.74
Y361	37 35.86	119 35.29	2.67	Y444	37 34.63	119 40.15	2.70
Y362	37 36.34	119 34.84	2.63	Y445	37 34.04	119 40.44	2.66
Y365	37 36.09	119 35.68	2.73	Y446	37 31.83	119 37.62	2.71
Y366	37 36.09	119 37.03	2.62	Y447	37 31.83	119 38.21	2.82
Y367	37 35.91	119 36.42	2.65	Y448	37 32.11	119 39.08	2.68
Y368	37 35.29	119 35.96	2.65	Y450	37 34.33	119 34.68	2.72
Y369	37 35.09	119 34.70	2.65	Y451	37 34.61	119 37.09	2.60
Y370	37 37.91	119 39.98	2.55	Y452	37 35.57	119 38.10	2.72
Y371	37 37.69	119 39.74	2.73	Y455	37 35.55	119 41.83	2.73
Y372	37 37.16	119 40.15	2.64	Y456	37 36.61	119 41.99	2.77
Y374	37 37.06	119 39.26	2.71	Y456	37 36.65	119 42.47	2.77
Y375	37 37.35	119 39.15	2.62	Y457	37 36.45	119 43.05	2.77
Y376	37 37.47	119 38.82	2.58	Y458	37 36.78	119 43.56	2.62
Y377	37 37.75	119 38.10	2.61	Y460	37 42.18	119 32.63	2.62
Y378	37 36.91	119 39.49	2.76	Y461	37 43.10	119 30.71	2.68
Y379	37 36.72	119 39.41	2.77	Y462	37 42.18	119 30.98	2.66
Y380	37 35.73	119 38.86	2.71	Y463	37 42.01	119 31.80	2.69
Y381	37 35.52	119 40.28	2.62	Y464	37 43.41	119 31.99	2.63
Y382	37 35.66	119 39.51	2.59	Y465	37 43.62	119 33.22	2.67
Y382	37 39.30	119 40.51	2.76	Y466	37 44.97	119 32.95	2.65
Y383	37 35.37	119 39.51	2.69	Y473	37 44.75	119 31.92	2.67
Y385	37 36.06	119 39.61	2.60	Y475	37 41.64	119 38.29	2.64
Y386	37 36.72	119 38.46	2.64	Y476	37 42.12	119 39.40	2.56
Y387	37 36.25	119 38.15	2.99	Y477	37 42.53	119 41.20	2.63
Y389	37 34.57	119 40.04	2.62	Y478	37 42.97	119 40.60	2.60
Y390	37 36.29	119 39.16	2.78	Y480	37 42.84	119 43.19	2.76
Y394	37 39.20	119 40.80	2.61	Y481	37 38.28	119 43.19	2.73
Y396	37 39.07	119 41.54	2.61	Y481	37 42.30	119 43.76	2.63
Y397	37 38.46	119 40.74	2.82	Y482	37 42.11	119 43.70	2.62
Y398	37 38.73	119 40.84	2.68	Y483	37 42.11	119 44.60	2.62
Y399	37 38.57	119 41.89	2.62	Y484	37 41.52	119 44.16	2.65
Y400	37 35.11	119 34.34	2.77	Y485	37 42.50	119 43.96	2.62
Y401	37 35.63	119 37.28	2.65	Y486	37 41.05	119 44.45	2.77
Y402	37 34.78	119 37.61	2.73	Y487	37 41.40	119 44.93	2.67
Y403	37 34.62	119 37.85	2.74	Y489	37 43.56	119 44.16	2.68
Y404	37 34.75	119 38.66	2.68	Y490	37 40.46	119 31.69	2.70
Y405	37 34.50	119 39.13	2.70	Y490	37 44.23	119 44.34	2.62
Y406	37 34.29	119 39.38	2.70	Y491	37 44.35	119 44.05	2.65
Y408	37 35.88	119 30.86	2.71	Y492	37 44.66	119 44.45	2.74
Y409	37 36.53	119 31.88	2.63	Y492	37 44.92	119 30.80	2.69
Y410	37 36.43	119 32.21	2.64	Y493	37 44.76	119 44.82	2.63
Y411	37 36.59	119 32.37	2.71	Y494	37 43.14	119 33.22	2.66
Y412	37 36.46	119 32.61	2.64	Y494	37 44.66	119 43.07	2.64
Y413	37 35.48	119 33.09	2.66	Y496	37 44.12	119 42.66	2.65
Y414	37 35.66	119 33.19	2.69	Y497	37 43.87	119 43.36	2.64
Y415	37 36.34	119 32.92	2.95	Y498 - A	37 43.39	119 44.29	2.60
Y416	37 36.23	119 31.54	2.66	Y498 - B	37 44.19	119 38.78	2.62
Y417	37 38.99	119 42.66	2.69	Y500	37 43.83	119 44.41	2.70
Y418	37 39.07	119 42.98	2.74	Y501	37 43.33	119 44.65	2.70
Y419	37 39.07	119 43.23	2.58	Y502	37 44.41	119 41.75	2.64
Y421	37 38.03	119 41.07	2.68	Y503	37 44.34	119 41.09	2.62
Y422	37 36.75	119 40.64	2.78	Y503	37 44.42	119 38.67	2.61
Y423	37 39.00	119 44.95	2.72	Y504	37 44.67	119 40.71	2.63
Y424	37 37.89	119 40.48	2.73	Y505	37 44.62	119 38.96	2.63
Y425	37 37.59	119 40.41	2.75	Y507	37 43.83	119 41.95	2.64
Y426	37 37.27	119 40.73	2.76	Y508	37 43.68	119 41.22	2.63
Y428	37 36.14	119 41.06	2.72	Y509	37 43.35	119 40.40	2.68
Y429	37 35.95	119 40.77	2.71	Y510	37 44.63	119 39.28	2.63
Y429	37 36.91	119 40.89	2.79	Y511	37 42.62	119 44.36	2.61
Y430	37 38.84	119 44.23	2.58	Y512	37 44.87	119 39.84	2.63
Y432	37 38.01	119 43.93	2.59	Y513	37 44.52	119 39.80	2.63
Y434	37 41.26	119 42.68	2.76	Y514	37 44.39	119 39.64	2.89
Y435	37 40.05	119 43.30	2.70	Y515	37 44.10	119 40.13	2.63
Y436	37 40.67	119 42.76	2.56	Y516	37 44.08	119 40.73	2.73
Y437	37 37.97	119 40.94	2.66	Y517A . B	37 43.86	119 40.90	2.64
Y438	37 38.46	119 40.74	2.71	Y518	37 41.77	119 41.84	2.63
Y440	37 35.68	119 40.95	2.76	Y519	37 42.02	119 41.57	2.64
Y441	37 35.23	119 41.30	2.79	Y520	37 43.33	119 39.75	2.83

TABLE 8.—Yosemite densities—Continued

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
Y521	37 43.22	119 38.71	2.64	Y613	37 31.79	119 33.95	2.64
Y523	37 43.14	119 38.78	2.66	Y614	37 31.89	119 34.92	2.71
Y523B	37 43.17	119 38.07	2.63	Y615	37 31.80	119 35.57	2.66
Y525	37 44.29	119 38.17	2.59	Y617	37 30.87	119 39.99	2.76
Y526	37 44.02	119 38.22	2.62	Y618	37 31.44	119 32.66	2.67
Y527	37 44.13	119 38.13	2.83	Y622	37 31.08	119 30.54	2.70
Y528	37 44.64	119 38.02	2.63	Y623	37 31.63	119 30.99	2.64
Y530	37 41.59	119 41.29	2.63	Y624	37 31.59	119 31.58	2.72
Y533	37 41.24	119 41.22	2.66	Y625	37 30.67	119 31.25	2.70
Y534	37 30.60	119 37.70	2.70	Y627	37 30.03	119 43.10	2.70
Y534	37 30.60	119 37.71	2.70	Y628	37 30.41	119 42.55	2.72
Y536	37 30.92	119 37.53	2.70	Y630	37 31.25	119 31.91	2.59
Y538	37 31.01	119 38.30	2.74	Y632	37 31.32	119 38.99	2.66
Y540	37 41.70	119 42.89	2.66	Y634	37 31.62	119 40.36	2.78
Y541	37 40.97	119 43.03	2.68	Y637	37 30.28	119 40.68	2.63
Y542	37 30.14	119 36.73	2.81	Y639	37 30.18	119 41.47	2.52
Y543	37 30.03	119 36.93	2.70	Y63A	37 38.78	119 33.90	2.67
Y544	37 30.19	119 35.89	2.66	Y640	37 30.96	119 35.03	2.67
Y547	37 30.43	119 36.96	2.76	Y641	37 31.61	119 35.50	2.71
Y550	37 31.25	119 36.75	2.66	Y642	37 31.90	119 36.06	2.62
Y551	37 30.85	119 38.61	2.63	Y643	37 30.80	119 42.50	2.70
Y552	37 30.60	119 38.89	2.61	Y645	37 30.53	119 44.28	2.59
Y553	37 31.17	119 39.66	2.77	Y647	37 34.87	119 42.01	2.78
Y554	37 31.38	119 39.30	2.74	Y649	37 33.68	119 41.91	2.62
Y555	37 30.11	119 39.79	2.57	Y650	37 30.53	119 41.71	2.60
Y555	37 30.49	119 39.36	2.60	Y652	37 31.54	119 41.94	2.70
Y558	37 30.70	119 39.44	2.69	Y653	37 30.08	119 42.25	2.77
Y560	37 32.58	119 38.08	2.66	Y654	37 31.61	119 40.92	2.76
Y562	37 33.00	119 38.13	2.74	Y655	37 32.08	119 40.33	2.77
Y564	37 33.67	119 40.10	2.59	Y657	37 30.08	119 42.77	2.68
Y565	37 34.10	119 41.47	2.62	Y657	37 32.17	119 42.19	2.59
Y566	37 30.99	119 37.42	2.61	Y659	37 30.06	119 42.92	2.68
Y568	37 32.78	119 38.52	2.80	Y659	37 30.93	119 44.07	2.59
Y569	37 34.52	119 33.84	2.82	Y660	37 33.40	119 41.83	2.77
Y570	37 30.26	119 38.84	2.76	Y662	37 31.60	119 43.61	2.58
Y571	37 30.16	119 39.14	2.83	Y663	37 32.70	119 43.24	2.57
Y574	37 33.73	119 34.63	2.63	Y663	37 34.00	119 40.77	2.78
Y576	37 33.44	119 36.66	2.63	Y664	37 33.25	119 44.15	2.58
Y577	37 33.44	119 35.53	2.56	Y665	37 32.51	119 44.28	2.62
Y578	37 33.10	119 34.88	2.70	Y666	37 31.73	119 41.97	2.73
Y579	37 32.82	119 34.14	2.62	Y668	37 32.96	119 42.70	2.68
Y580	37 34.59	119 33.61	2.71	Y669	37 31.05	119 40.89	2.76
Y581	37 33.70	119 32.26	2.67	Y669	37 31.29	119 43.79	2.59
Y582	37 33.99	119 32.78	2.74	Y670 A	37 30.80	119 40.42	2.76
Y583	37 33.70	119 33.33	2.63	Y673	37 32.41	119 41.17	2.65
Y584	37 33.86	119 34.18	2.61	Y674	37 32.77	119 40.89	2.77
Y585	37 33.78	119 30.13	2.63	Y675	37 32.78	119 40.20	2.76
Y586	37 33.03	119 30.31	2.61	Y679	37 41.29	119 44.00	2.68
Y587	37 32.85	119 30.53	2.65	Y680	37 43.10	119 44.36	2.65
Y588	37 33.47	119 32.75	2.64	Y683	37 43.02	119 38.80	2.69
Y589	37 33.16	119 33.32	2.63	Y685	37 31.40	119 40.76	2.57
Y590	37 33.45	119 33.75	2.62	Y685	37 44.64	119 38.02	2.66
Y591	37 33.09	119 34.88	2.70	Y686	37 44.73	119 36.00	2.71
Y592	37 34.14	119 35.95	2.65	Y687	37 44.35	119 36.52	2.67
Y593	37 30.11	119 32.36	2.69	Y688	37 43.84	119 37.09	2.77
Y594	37 30.49	119 32.80	2.67	Y689	37 43.88	119 37.04	2.67
Y595	37 30.26	119 31.53	2.72	Y690	37 43.42	119 36.33	2.72
Y597	37 31.17	119 32.54	2.62	Y691 A	37 43.99	119 33.92	2.66
Y598	37 30.87	119 31.50	2.73	Y691 B	37 31.85	119 44.11	2.55
Y600	37 32.66	119 33.27	2.64	Y692	37 30.97	119 43.65	2.65
Y601	37 32.49	119 35.36	2.71	Y694	37 30.51	119 44.81	2.62
Y602	37 32.43	119 36.42	2.68	Y696	37 31.80	119 43.42	2.59
Y603	37 34.45	119 33.33	2.68	Y697	37 31.80	119 43.04	2.55
Y604	37 30.02	119 34.89	2.72	Y698	37 30.50	119 44.13	2.60
Y607	37 30.58	119 33.07	2.65	Y699	37 33.04	119 44.05	2.51
Y608	37 30.64	119 33.52	2.65	Y700	37 32.70	119 43.24	2.62
Y609	37 30.72	119 33.75	2.65	Y701	37 32.68	119 42.50	2.59
Y610	37 31.03	119 33.03	2.63	Y702	37 33.58	119 44.51	2.61
Y611	37 31.75	119 33.01	2.64	Y703	37 34.01	119 44.43	2.56
Y612	37 32.03	119 33.12	2.63	Y707	37 32.68	119 42.50	2.60

TABLE 8.-Yosemite densities-Continued

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
Y709	37	34.53	119	42.59	2.77
Y711	37	33.70	119	43.89	2.66
Y712	37	30.85	119	43.69	2.60
Y713	37	30.44	119	42.11	2.53
Y714	37	30.40	119	43.60	2.73
Y715	37	31.22	119	43.48	2.67
Y716	37	44.78	119	36.19	2.70
Y717	37	44.20	119	35.59	2.74
Y718	37	44.84	119	34.22	2.66
Y719	37	44.96	119	34.75	2.77
Y721	37	33.86	119	37.02	2.66
Y722	37	40.71	119	38.19	2.65
Y723	37	40.78	119	37.19	2.65
Y724	37	40.88	119	36.97	2.78
Y726	37	41.50	119	35.53	2.65
Y727	37	42.35	119	35.52	2.67
Y729	37	42.41	119	34.49	2.65
Y730	37	30.30	119	32.55	2.69
Y731	37	30.78	119	32.99	2.64
Y732	37	30.95	119	32.87	2.67
Y736	37	39.32	119	43.90	2.67
Y737	37	40.11	119	43.52	2.66
Y738	37	40.04	119	43.81	2.69
Y739	37	39.99	119	44.59	2.61
Y741	37	37.01	119	43.81	2.69
Y744	37	34.10	119	41.47	2.79
Y746	37	33.04	119	40.63	2.78
Y747	37	32.15	119	40.09	2.64
Y873	37	37.20	119	39.81	2.58

TABLE 9.—Merced Peak densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
001	37	44.96	119	28.85	2.67	070	37	44.05	119	15.92	2.77
002	37	44.68	119	27.96	2.69	071	37	43.86	119	16.17	2.67
003	37	44.16	119	28.55	2.69	072	37	43.95	119	16.82	2.77
004	37	44.12	119	27.30	2.69	073	37	44.15	119	16.41	2.73
005	37	44.40	119	26.57	2.69	074	37	43.94	119	17.97	2.65
006	37	44.24	119	25.03	2.68	075	37	43.38	119	18.67	2.65
007	37	44.23	119	24.22	2.67	076	37	43.08	119	18.65	2.65
008	37	44.66	119	23.19	2.68	077	37	43.01	119	18.19	2.65
009	37	44.48	119	23.09	2.67	078	37	42.43	119	18.45	2.65
010	37	44.82	119	22.10	2.67	079	37	41.78	119	18.90	2.67
011	37	44.08	119	23.49	2.66	080	37	41.39	119	18.24	2.68
012	37	43.21	119	25.03	2.71	081	37	42.25	119	17.95	2.68
013	37	42.98	119	24.23	2.68	082	37	42.32	119	17.55	2.67
014	37	43.32	119	23.70	2.67	083	37	43.40	119	17.46	2.69
015	37	43.46	119	22.76	2.68	084	37	43.26	119	17.23	2.69
016	37	43.12	119	22.39	2.68	085	37	43.20	119	16.58	2.68
017	37	43.56	119	21.53	2.66	086	37	43.42	119	16.16	2.69
018	37	42.25	119	23.83	2.70	087	37	43.19	119	16.28	2.68
019	37	41.41	119	20.87	2.71	088	37	42.62	119	15.94	2.69
020	37	40.99	119	20.38	2.69	089	37	42.36	119	16.36	2.67
021	37	40.79	119	19.14	2.66	090	37	41.94	119	15.88	2.72
022	37	40.22	119	19.10	2.63	091	37	40.82	119	15.37	2.69
023	37	42.09	119	29.20	2.68	092	37	40.62	119	15.37	2.66
024	37	42.77	119	26.54	2.69	093	37	42.17	119	20.39	2.64
025	37	42.54	119	25.88	2.71	094	37	42.49	119	19.81	2.64
026	37	42.22	119	26.90	2.67	095	37	42.82	119	19.26	2.64
027	37	41.61	119	27.55	2.66	096	37	42.89	119	19.07	2.65
028	37	40.85	119	27.59	2.71	097	37	42.36	119	18.91	2.64
029	37	39.43	119	29.04	2.75	098	37	41.78	119	18.89	2.67
030	37	38.95	119	28.68	2.72	099	37	41.94	119	24.24	2.67
031	37	38.93	119	27.95	2.74	100	37	41.49	119	24.02	2.69
032	37	38.38	119	27.83	2.72	101	37	41.49	119	24.02	2.66
033	37	38.01	119	26.42	2.74	102	37	41.12	119	22.62	2.66
034	37	38.48	119	26.19	2.75	103	37	41.13	119	21.95	2.66
035	37	38.40	119	25.34	2.74	104	37	40.96	119	23.59	2.69
036	37	36.61	119	24.56	2.78	105	37	40.57	119	23.04	2.67
037	37	35.82	119	26.93	2.72	106	37	40.19	119	23.46	2.67
038	37	35.50	119	26.41	2.71	107	37	40.34	119	23.11	2.68
039	37	35.26	119	25.28	2.72	108	37	40.40	119	21.90	2.68
040	37	35.08	119	24.29	2.72	109	37	40.24	119	22.74	2.69
041	37	34.66	119	25.65	2.71	110	37	39.93	119	22.97	2.69
042	37	34.45	119	25.43	2.71	111	37	39.86	119	23.02	2.67
043	37	34.31	119	24.14	2.72	112	37	39.63	119	21.23	2.66
044	37	34.00	119	24.90	2.71	113	37	39.43	119	21.46	2.66
045	37	34.02	119	24.26	2.73	114	37	38.98	119	21.84	2.68
046	37	33.13	119	24.36	2.67	115	37	37.70	119	29.14	2.71
047	37	31.87	119	24.34	2.72	116	37	36.84	119	29.33	2.64
048	37	31.56	119	24.95	2.73	117	37	36.05	119	29.75	2.66
049	37	31.19	119	24.14	2.72	118	37	36.49	119	28.80	2.66
050	37	33.96	119	29.12	2.73	119	37	36.89	119	28.03	2.65
051	37	32.52	119	28.51	2.74	120	37	37.52	119	27.32	2.67
052	37	31.53	119	26.21	2.73	121	37	37.63	119	27.06	2.65
053	37	44.59	119	21.86	2.65	122	37	37.51	119	26.51	2.67
054	37	44.60	119	21.62	2.66	123	37	37.57	119	26.27	2.67
055	37	44.83	119	21.26	2.65	124	37	37.38	119	26.73	2.67
056	37	44.91	119	20.21	2.65	125	37	37.28	119	26.54	2.68
057	37	44.90	119	19.51	2.64	126	37	37.23	119	26.14	2.68
058	37	44.21	119	20.79	2.66	127	37	36.82	119	25.98	2.68
058	37	43.80	119	21.22	2.66	128	37	37.21	119	25.54	2.72
059	37	44.92	119	18.25	2.72	129	37	37.64	119	25.53	2.77
060	37	43.79	119	21.23	2.65	130	37	37.72	119	25.01	2.72
061	37	43.93	119	19.90	2.63	131	37	36.47	119	27.69	2.66
062	37	43.74	119	19.61	2.63	132	37	36.15	119	28.58	2.65
063	37	43.66	119	19.37	2.64	133	37	36.10	119	28.13	2.65
065	37	44.28	119	18.48	2.65	134	37	36.01	119	27.73	2.65
064	37	43.81	119	18.59	2.65	135	37	36.05	119	26.98	2.65
066	37	44.14	119	17.76	2.67	136	37	35.37	119	29.23	2.64
067	37	44.59	119	17.34	2.77	137	37	34.96	119	29.39	2.65
068	37	44.51	119	17.04	2.77	138	37	34.44	119	29.61	2.59
069	37	44.35	119	16.20	2.68	139	37	34.83	119	28.90	2.67

TABLE 9.—Merced Peak densities—Continued

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
140	37 35.20	119 28.12	2.68	211	37 30.79	119 26.93	2.75
141	37 35.30	119 28.04	2.67	212	37 30.67	119 26.65	2.73
142	37 35.11	119 26.61	2.67	213	37 30.66	119 26.21	2.74
143	37 34.65	119 27.20	2.65	214	37 30.18	119 26.05	2.73
144	37 34.18	119 27.29	2.65	215	37 35.60	119 28.88	2.72
145	37 33.97	119 27.70	2.66	216	37 35.40	119 29.15	2.70
146	37 33.50	119 27.17	2.66	217	37 33.75	119 21.19	2.79
147	37 35.15	119 27.94	2.66	218	37 33.32	119 20.78	2.79
148	37 34.21	119 26.16	2.69	219	37 34.34	119 19.18	2.74
149	37 34.50	119 26.09	2.64	220	37 35.18	119 19.50	2.82
150	37 33.93	119 25.60	2.64	221	37 37.70	119 22.40	2.76
151	37 33.50	119 26.65	2.63	222	37 37.17	119 24.79	2.84
152	37 33.04	119 26.96	2.67	223	37 36.95	119 24.33	2.68
153	37 32.97	119 26.85	2.64	224	37 36.81	119 24.31	2.69
154	37 32.95	119 25.14	2.64	225	37 36.93	119 23.41	2.68
155	37 32.49	119 25.84	2.64	226	37 36.50	119 23.60	2.69
156	37 34.10	119 25.75	2.69	227	37 36.41	119 23.69	2.69
157	37 32.18	119 25.14	2.66	228	37 36.19	119 24.37	2.68
158	37 31.83	119 25.99	2.67	229	37 36.43	119 23.74	2.70
159	37 31.08	119 25.66	2.67	230	37 35.95	119 23.13	2.68
160	37 30.64	119 24.88	2.68	231	37 35.49	119 23.19	2.69
161	37 33.56	119 24.86	2.66	232	37 35.31	119 23.33	2.68
162	37 30.49	119 24.52	2.72	233	37 35.43	119 23.96	2.68
163	37 30.28	119 24.59	2.68	234	37 34.62	119 23.52	2.66
164	37 30.04	119 21.49	2.70	235	37 33.74	119 23.33	2.68
165	37 31.68	119 16.55	2.75	236	37 33.64	119 23.37	2.68
166	37 32.60	119 16.09	2.69	237	37 33.14	119 23.50	2.68
167	37 30.82	119 19.04	2.64	238	37 33.84	119 24.01	2.65
168	37 32.22	119 17.32	2.71	239	37 32.29	119 23.92	2.67
169	37 32.34	119 17.86	2.74	240	37 31.49	119 23.19	2.67
170	37 32.57	119 17.27	2.71	241	37 31.47	119 22.26	2.65
171	37 30.38	119 28.72	2.86	242	37 31.66	119 21.30	2.64
172	37 39.01	119 23.68	2.59	243	37 32.16	119 21.53	2.68
173	37 38.31	119 23.99	2.67	244	37 33.15	119 21.90	2.64
174	37 38.28	119 23.78	2.66	245	37 33.21	119 20.87	2.77
175	37 39.05	119 23.20	2.61	246	37 33.69	119 22.00	2.71
176	37 38.79	119 22.88	2.68	247	37 34.32	119 21.73	2.68
177	37 38.29	119 23.03	2.65	248	37 32.87	119 16.65	2.71
178	37 38.10	119 22.67	2.69	249	37 32.57	119 16.42	2.69
179	37 38.01	119 23.59	2.66	250	37 33.88	119 15.95	2.67
180	37 37.82	119 23.25	2.78	251	37 34.34	119 15.98	2.72
181	37 37.64	119 23.83	2.66	252	37 34.34	119 16.86	2.64
182	37 36.45	119 22.80	2.69	253	37 35.08	119 16.73	2.73
183	37 44.99	119 17.14	2.65	254	37 37.83	119 16.33	2.72
185	37 44.44	119 15.96	2.79	255	37 38.23	119 16.92	2.66
186	37 44.27	119 15.19	2.78	256	37 38.60	119 17.97	2.73
187	37 44.03	119 15.01	2.73	257	37 38.94	119 17.01	2.68
188	37 43.94	119 15.57	2.86	258	37 39.04	119 17.99	2.65
189	37 43.07	119 15.38	2.65	259	37 39.26	119 17.14	2.64
190	37 42.74	119 15.22	2.88	260	37 39.78	119 16.97	2.69
191	37 42.54	119 16.37	2.80	261	37 40.13	119 17.00	2.71
192	37 41.44	119 15.05	2.66	262	37 40.09	119 17.99	2.67
193	37 42.60	119 15.49	2.71	263	37 40.77	119 16.70	2.68
194	37 42.25	119 16.42	2.86	264	37 41.10	119 17.97	2.67
195	37 41.65	119 16.36	2.78	265	37 41.47	119 17.80	2.68
196	37 41.47	119 16.36	2.73	266	37 42.02	119 17.26	2.70
197	37 40.27	119 15.75	2.72	267	37 39.76	119 16.35	2.69
198	37 38.40	119 15.16	2.65	268	37 37.27	119 18.79	2.66
199	37 38.21	119 16.08	2.68	269	37 36.41	119 18.27	2.66
200	37 37.42	119 15.93	2.74	270	37 35.38	119 18.16	2.67
201	37 37.23	119 15.88	2.86	271	37 36.96	119 20.25	2.83
202	37 36.92	119 15.24	2.95	272	37 36.92	119 21.50	2.66
203	37 36.57	119 15.46	2.72	273	37 37.47	119 22.32	2.73
204	37 35.75	119 15.22	2.83	274	37 35.58	119 20.27	2.71
205	37 32.34	119 29.68	2.76	275	37 32.43	119 18.57	2.66
206	37 31.52	119 29.74	2.74	276	37 31.41	119 19.14	2.68
207	37 31.94	119 27.51	2.64	277	37 37.72	119 18.02	2.72
208	37 32.83	119 29.56	2.66	278	37 37.12	119 18.06	2.66
209	37 32.00	119 27.75	2.62	279	37 36.55	119 17.71	2.62
210	37 31.89	119 27.81	2.62	280	37 36.31	119 17.87	2.64

TABLE 9.—Merced Peak densities—Continued

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
281	37 36.18	119 18.54	2.64	351	37 37.68	119 20.23	2.62
282	37 35.62	119 20.95	2.70	352	37 37.60	119 19.64	2.63
283	37 35.63	119 21.45	2.65	353	37 37.81	119 19.09	2.64
284	37 35.86	119 21.64	2.69	354	37 38.60	119 22.39	2.66
285	37 35.86	119 22.05	2.67	355	37 38.50	119 21.80	2.66
286	37 41.25	119 21.40	2.66	356	37 38.46	119 22.24	2.65
287	37 40.53	119 20.61	2.67	357	37 38.12	119 22.32	2.63
288	37 39.44	119 20.93	2.65	358	37 37.30	119 22.79	2.66
289	37 38.46	119 20.93	2.66	359	37 37.10	119 22.69	2.64
290	37 38.30	119 20.82	2.64	360	37 36.86	119 22.87	2.64
291	37 38.10	119 21.30	2.67	361	37 36.61	119 22.73	2.62
292	37 37.72	119 21.62	2.65	362	37 36.53	119 22.51	2.63
293	37 37.77	119 20.57	2.66	363	37 39.20	119 23.60	2.69
294	37 42.63	119 25.50	2.72	364	37 39.31	119 23.37	2.66
295	37 43.13	119 25.58	2.64	365	37 39.25	119 23.51	2.64
296	37 42.17	119 25.06	2.64	366	37 38.56	119 24.71	2.64
297	37 42.10	119 24.60	2.61	366	37 31.28	119 20.32	2.63
298	37 41.99	119 25.75	2.62	367	37 31.88	119 19.11	2.60
299	37 41.62	119 25.92	2.62	368	37 32.56	119 29.93	2.66
300	37 41.51	119 25.28	2.63	369	37 30.55	119 27.99	2.73
301	37 41.58	119 24.94	2.62	370	37 34.76	119 22.64	2.63
302	37 41.95	119 24.91	2.66	371	37 34.24	119 22.90	2.69
303	37 41.30	119 26.07	2.65	372	37 34.18	119 22.69	2.62
304	37 40.82	119 25.89	2.66	373	37 35.20	119 17.75	2.56
305	37 41.37	119 24.98	2.66	374	37 40.11	119 23.73	2.66
306	37 41.31	119 24.53	2.67	375	37 39.80	119 23.99	2.70
307	37 41.01	119 24.56	2.66	376	37 39.13	119 23.86	2.69
308	37 40.63	119 24.50	2.66	377	37 38.42	119 24.63	2.72
309	37 40.70	119 25.56	2.70	378	37 44.79	119 15.02	2.76
310	37 40.45	119 25.05	2.65	379	37 44.58	119 15.21	2.73
311	37 40.55	119 23.76	2.65	380	37 44.50	119 15.08	2.82
312	37 40.15	119 25.74	2.77	381	37 44.29	119 15.04	2.78
313	37 39.85	119 26.05	2.79				
314	37 39.51	119 25.34	2.61				
315	37 40.11	119 25.06	2.64				
316	37 39.57	119 24.29	2.64				
317	37 39.31	119 24.16	2.64				
318	37 39.36	119 24.78	2.67				
319	37 39.52	119 25.33	2.62				
320	37 39.12	119 25.01	2.63				
321	37 38.79	119 25.16	2.62				
322	37 38.49	119 24.78	2.65				
323	37 38.09	119 24.97	2.65				
324	37 40.07	119 26.38	2.80				
325	37 39.35	119 26.93	2.99				
326	37 36.46	119 22.97	2.79				
327	37 35.01	119 20.85	2.67				
328	37 34.41	119 20.01	2.67				
329	37 34.11	119 20.12	2.60				
330	37 35.00	119 18.90	2.82				
331	37 34.08	119 18.02	2.63				
332	37 39.34	119 15.75	2.64				
333	37 41.88	119 22.78	2.67				
334	37 31.69	119 26.87	2.64				
335	37 31.43	119 26.90	2.65				
336	37 31.01	119 26.21	2.64				
337	37 39.27	119 18.11	2.63				
338	37 39.22	119 17.80	2.65				
339	37 39.03	119 17.40	2.66				
340	37 35.86	119 17.90	2.64				
341	37 32.88	119 23.39	2.76				
342	37 32.66	119 22.38	2.62				
343	37 32.55	119 22.68	2.61				
344	37 32.04	119 22.28	2.62				
345	37 38.89	119 19.50	2.68				
346	37 39.29	119 19.26	2.64				
347	37 38.30	119 19.44	2.66				
348	37 38.20	119 19.47	2.62				
349	37 38.19	119 19.79	2.67				
350	37 37.96	119 20.25	2.62				

TABLE 10.—Devils Postpile densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
DP001	37 39.52	119 8.57	2.74	DP072	37 30.65	119 1.19	2.60
DP002	37 39.19	119 8.12	2.65	DP073	37 36.75	119 10.76	2.78
DP003	37 39.16	119 8.52	2.68	DP074	37 36.62	119 11.12	2.78
DP004	37 38.68	119 8.28	2.62	DP076	37 36.58	119 10.64	2.80
DP005	37 38.65	119 8.95	2.58	DP077	37 35.47	119 10.64	2.67
DP006	37 38.40	119 8.56	2.60	DP078	37 35.51	119 9.85	2.70
DP008	37 38.30	119 7.94	2.57	DP079	37 35.42	119 9.20	2.68
DP009	37 38.39	119 7.89	2.59	DP080	37 35.75	119 8.29	2.68
DP010	37 39.41	119 6.72	2.61	DP081	37 36.03	119 7.85	2.74
DP011	37 39.50	119 6.33	2.58	DP082	37 36.13	119 7.22	2.66
DP012	37 39.12	119 6.54	2.59	DP083	37 35.91	119 6.74	2.68
DP013	37 38.95	119 6.52	2.57	DP084	37 35.53	119 6.60	2.67
DP014	37 38.63	119 6.42	2.68	DP085	37 35.15	119 6.30	2.68
DP015	37 38.84	119 6.05	2.60	DP086	37 35.02	119 6.86	2.64
DP016	37 38.74	119 5.86	2.58	DP087	37 34.84	119 6.41	2.67
DP017	37 38.41	119 5.66	2.62	DP088	37 34.81	119 7.79	2.66
DP018	37 38.29	119 6.07	2.63	DP089	37 34.54	119 9.44	2.68
DP019	37 38.18	119 5.47	2.59	DP090	37 34.52	119 11.03	2.83
DP020	37 37.94	119 6.13	2.67	DP091	37 34.83	119 12.66	2.68
DP021	37 38.19	119 6.16	2.66	DP092	37 34.68	119 12.80	2.86
DP022	37 38.09	119 6.53	2.64	DP093	37 34.47	119 13.71	2.67
DP023	37 37.79	119 7.05	2.62	DP094	37 34.28	119 13.02	2.69
DP024	37 37.78	119 7.21	2.65	DP095	37 33.62	119 12.32	2.67
DP025	37 37.57	119 7.56	2.66	DP096	37 33.70	119 11.95	2.76
DP026	37 37.44	119 7.78	2.79	DP097	37 34.18	119 11.02	2.67
DP027	37 37.69	119 7.13	2.64	DP098	37 33.98	119 10.22	2.73
DP028	37 37.54	119 6.97	2.67	DP099	37 33.52	119 9.43	2.66
DP029	37 37.51	119 6.77	2.68	DP100	37 33.63	119 11.12	2.64
DP030	37 37.20	119 6.36	2.69	DP101	37 33.22	119 11.34	2.70
DP031	37 37.52	119 5.70	2.66	DP102	37 32.69	119 10.28	2.64
DP032	37 37.44	119 5.62	2.62	DP103	37 32.88	119 8.86	2.66
DP033	37 37.47	119 5.12	2.63	DP104	37 32.66	119 14.09	2.68
DP034	37 37.53	119 3.46	2.63	DP105	37 32.16	119 13.17	2.62
DP035	37 37.95	119 3.00	2.62	DP106	37 31.26	119 13.58	2.64
DP036	37 38.11	119 3.23	2.63	DP107	37 30.79	119 14.35	2.63
DP037	37 38.68	119 2.90	2.64	DP108	37 30.16	119 14.74	2.67
DP038	37 39.14	119 3.27	2.58	DP109	37 30.66	119 13.78	2.67
DP039	37 39.38	119 3.73	2.65	DP110	37 30.20	119 13.70	2.68
DP040	37 41.87	119 14.90	2.68	DP111	37 31.55	119 9.90	2.59
DP041	37 41.64	119 14.96	2.63	DP112	37 31.22	119 8.70	2.71
DP042	37 37.11	119 7.26	2.58	DP113	37 30.75	119 8.41	2.73
DP043	37 37.20	119 6.83	2.62	DP114	37 31.51	119 7.85	2.71
DP044	37 36.73	119 6.79	2.63	DP115	37 31.64	119 7.46	2.71
DP045	37 36.65	119 6.56	2.64	DP116	37 31.51	119 6.89	2.65
DP046	37 36.67	119 6.87	2.67	DP117	37 31.05	119 7.53	2.73
DP047	37 35.96	119 6.49	2.66	DP118	37 30.83	119 7.19	2.70
DP048	37 35.80	119 5.23	2.63	DP119	37 31.22	119 5.75	2.71
DP049	37 35.26	119 4.57	2.61	DP120	37 30.74	119 5.39	2.71
DP050	37 35.90	119 3.44	2.62	DP121	37 30.33	119 5.96	2.66
DP051	37 35.45	119 2.51	2.63	DP122	37 30.15	119 6.78	2.66
DP052	37 34.91	119 0.75	2.67	DP123	37 30.01	119 7.89	2.69
DP053	37 33.48	119 0.60	2.64	DP124	37 30.22	119 9.49	2.68
DP054	37 32.89	119 0.29	2.63	DP125	37 30.14	119 4.85	2.64
DP055	37 33.36	119 1.05	2.58	DP127	37 36.17	119 2.89	2.62
DP056	37 33.90	119 2.19	2.63	DP128	37 36.44	119 2.14	2.66
DP057	37 32.86	119 3.76	2.59	DP129	37 36.66	119 1.60	2.64
DP058	37 32.14	119 3.37	2.60	DP130	37 32.69	119 11.06	2.75
DP059	37 32.85	119 4.30	2.58				
DP060	37 33.49	119 5.19	2.66				
DP061	37 34.34	119 5.16	2.64				
DP062	37 35.26	119 5.95	2.61				
DP063	37 33.70	119 5.07	2.64				
DP064	37 31.38	119 3.36	2.62				
DP065	37 30.63	119 3.42	2.60				
DP066	37 30.51	119 2.99	2.64				
DP067	37 30.61	119 2.76	2.59				
DP068	37 31.64	119 1.11	2.62				
DP069	37 31.62	119 0.03	2.64				
DP070	37 31.08	119 0.15	2.60				
DP071	37 31.16	119 1.08	2.61				

TABLE 11.—*Mariposa* densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
M001	37 29.98	119 54.98	2.76	M071	37 25.11	119 54.38	2.77
M002	37 29.97	119 53.32	2.72	M072	37 25.34	119 53.53	2.74
M003	37 29.80	119 52.42	2.76	M073	37 24.97	119 52.17	2.72
M004	37 29.98	119 51.12	2.75	M074	37 25.54	119 51.52	2.74
M005	37 29.74	119 48.58	2.72	M075	37 25.44	119 50.40	2.71
M006	37 29.84	119 47.68	2.66	M076	37 25.82	119 49.02	2.71
M007	37 29.74	119 46.53	2.65	M077	37 25.55	119 47.55	2.71
M008	37 29.89	119 45.14	2.72	M078	37 25.78	119 46.51	2.77
M009	37 29.49	119 54.46	2.81	M079	37 24.54	119 55.61	2.72
M010	37 29.32	119 53.41	2.79	M080	37 24.28	119 54.44	2.72
M011	37 29.22	119 52.44	2.74	M081	37 24.59	119 53.41	2.78
M012	37 29.43	119 51.46	2.76	M082	37 24.34	119 52.42	2.77
M013	37 29.56	119 49.66	2.64	M083	37 24.67	119 51.37	2.77
M014	37 29.17	119 48.62	2.63	M084	37 24.62	119 50.36	2.72
M015	37 29.23	119 47.39	2.66	M085	37 25.03	119 49.05	2.73
M016	37 28.86	119 46.47	2.67	M086	37 25.31	119 48.21	2.72
M017	37 29.19	119 45.27	2.67	M087	37 24.87	119 47.33	2.78
M018	37 28.72	119 55.23	2.79	M088	37 23.77	119 56.59	2.69
M019	37 28.84	119 53.91	2.80	M089	37 23.70	119 56.01	2.69
M020	37 28.54	119 53.17	2.79	M090	37 23.77	119 54.69	2.78
M021	37 28.84	119 52.02	2.81	M091	37 23.99	119 53.62	2.79
M022	37 28.92	119 50.55	2.65	M092	37 23.90	119 51.89	2.73
M023	37 28.76	119 48.98	2.77	M093	37 23.93	119 50.62	2.80
M024	37 28.45	119 48.05	2.70	M094	37 24.16	119 49.63	2.74
M025	37 28.21	119 45.97	2.66	M095	37 24.13	119 48.67	2.73
M026	37 28.20	119 45.15	2.62	M096	37 24.71	119 48.06	2.71
M027	37 28.09	119 54.77	2.79	M097	37 24.04	119 47.53	2.72
M028	37 27.90	119 53.26	2.78	M098	37 22.92	119 55.92	2.74
M029	37 27.69	119 52.66	2.83	M099	37 22.82	119 54.61	2.77
M030	37 28.07	119 52.19	2.81	M100	37 22.79	119 54.04	2.77
M031	37 28.06	119 51.17	2.77	M101	37 23.26	119 52.31	2.76
M032	37 28.10	119 50.37	2.72	M102	37 22.81	119 51.50	2.72
M033	37 28.10	119 49.35	2.79	M103	37 22.82	119 50.63	2.74
M034	37 27.90	119 47.62	2.72	M104	37 23.53	119 49.88	2.78
M035	37 28.41	119 59.77	2.76	M105	37 23.04	119 49.22	2.81
M036	37 28.85	119 59.11	2.77	M106	37 22.93	119 48.49	2.76
M037	37 27.51	119 57.40	2.75	M107	37 23.13	119 47.39	2.74
M038	37 27.62	119 56.82	2.78	M108	37 22.33	119 47.24	2.76
M039	37 27.63	119 55.82	2.77	M109	37 22.27	119 55.82	2.75
M040	37 27.20	119 55.06	2.75	M110	37 22.08	119 55.00	2.77
M041	37 27.14	119 53.81	2.71	M111	37 22.19	119 54.03	2.74
M042	37 28.99	119 52.58	2.80	M112	37 22.06	119 52.51	2.79
M043	37 27.37	119 52.05	2.78	M113	37 21.83	119 52.02	2.74
M044	37 27.16	119 50.93	2.80	M114	37 22.39	119 50.26	2.77
M045	37 28.97	119 50.00	2.77	M115	37 21.78	119 49.73	2.84
M046	37 27.28	119 49.01	2.77	M116	37 22.20	119 48.41	2.86
M047	37 27.52	119 48.19	2.76	M117	37 21.20	119 54.85	2.76
M048	37 27.33	119 47.13	2.76	M118	37 21.17	119 53.99	2.80
M049	37 27.32	119 45.91	2.70	M119	37 21.12	119 53.00	2.73
M050	37 26.93	119 45.21	2.70	M120	37 21.41	119 51.65	2.74
M051	37 25.89	119 58.67	2.78	M121	37 21.04	119 50.25	2.71
M052	37 26.21	119 58.01	2.77	M122	37 20.94	119 49.42	2.77
M053	37 26.05	119 56.65	2.76	M123	37 21.37	119 48.38	2.79
M054	37 27.10	119 56.48	2.77	M124	37 20.50	119 48.58	2.76
M055	37 26.70	119 55.64	2.78	M125	37 21.10	119 47.10	2.76
M056	37 26.07	119 55.66	2.75	M126	37 20.40	119 46.91	2.78
M057	37 26.35	119 55.08	2.63	M127	37 20.51	119 46.14	2.74
M058	37 26.50	119 54.34	2.75	M128	37 21.70	119 46.39	2.63
M059	37 26.16	119 52.56	2.74	M129	37 20.90	119 45.64	2.83
M060	37 26.44	119 51.52	2.79	M130	37 20.50	119 45.31	2.81
M061	37 26.29	119 50.34	2.70	M131	37 19.82	119 46.01	2.83
M062	37 26.53	119 49.42	2.75	M132	37 21.09	119 56.11	2.71
M063	37 26.74	119 48.55	2.74	M133	37 20.49	119 54.77	2.78
M064	37 26.27	119 47.68	2.78	M134	37 20.31	119 53.82	2.77
M065	37 28.41	119 46.31	2.72	M135	37 20.16	119 53.02	2.72
M066	37 25.02	119 58.59	2.75	M136	37 20.83	119 52.34	2.77
M067	37 25.32	119 57.85	2.76	M137	37 20.26	119 51.79	2.78
M068	37 25.45	119 56.60	2.74	M138	37 20.54	119 50.69	2.76
M069	37 25.42	119 55.33	2.75	M139	37 20.11	119 56.24	2.72
M070	37 25.78	119 54.07	2.76	M140	37 19.67	119 54.91	2.76

TABLE 11.—*Mariposa densities—Continued*

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
M141	37	19.42	119	53.82	2.72	M211	37	15.11	119	49.33	2.73
M142	37	19.46	119	52.63	2.70	M212	37	15.38	119	48.21	2.72
M143	37	19.49	119	51.52	2.79	M213	37	15.21	119	47.36	2.72
M144	37	19.42	119	50.57	2.69	M214	37	15.09	119	46.48	2.68
M145	37	20.02	119	49.61	2.75	M215	37	15.16	119	45.22	2.74
M146	37	19.47	119	49.70	2.72	M216	37	24.04	119	45.30	2.72
M147	37	19.50	119	48.29	2.78	M217	37	23.19	119	45.45	2.71
M148	37	19.44	119	47.26	2.66	M218	37	22.19	119	45.19	2.74
M149	37	19.06	119	59.17	2.83	M219	37	17.71	119	46.25	2.65
M150	37	18.75	119	57.47	2.77	M220	37	16.98	119	45.97	2.64
M151	37	19.18	119	56.33	2.77	M221	37	16.73	119	45.24	2.61
M152	37	18.66	119	55.78	2.71	M222	37	15.54	119	56.77	2.67
M153	37	18.62	119	54.88	2.72						
M154	37	18.42	119	54.02	2.67						
M155	37	18.79	119	52.60	2.65						
M156	37	18.55	119	51.80	2.72						
M157	37	18.30	119	50.56	2.72						
M158	37	18.51	119	49.01	2.72						
M159	37	18.82	119	48.33	2.71						
M160	37	18.82	119	47.35	2.68						
M161	37	18.70	119	46.28	2.71						
M162	37	18.61	119	45.21	2.70						
M163	37	18.51	119	59.55	2.78						
M164	37	18.57	119	58.29	2.80						
M165	37	18.30	119	57.05	2.76						
M166	37	17.61	119	59.42	2.78						
M167	37	17.78	119	58.47	2.79						
M168	37	17.66	119	57.31	2.82						
M169	37	17.63	119	56.14	2.73						
M170	37	17.71	119	55.13	2.75						
M171	37	17.70	119	53.76	2.63						
M172	37	18.01	119	52.47	2.72						
M173	37	17.61	119	51.88	2.72						
M174	37	17.65	119	50.54	2.73						
M175	37	17.64	119	49.29	2.73						
M176	37	17.56	119	48.26	2.72						
M177	37	17.93	119	47.48	2.75						
M178	37	17.77	119	45.24	2.68						
M179	37	17.03	119	58.48	2.76						
M180	37	16.83	119	57.48	2.74						
M181	37	16.88	119	56.18	2.79						
M182	37	16.71	119	55.08	2.72						
M183	37	16.78	119	53.68	2.72						
M184	37	16.88	119	52.37	2.74						
M185	37	16.83	119	51.51	2.74						
M186	37	16.75	119	50.35	2.67						
M187	37	16.92	119	49.30	2.70						
M188	37	17.14	119	48.24	2.71						
M189	37	16.81	119	47.18	2.71						
M190	37	16.19	119	56.72	2.78						
M191	37	15.33	119	59.83	2.78						
M192	37	15.38	119	58.80	2.80						
M193	37	15.51	119	57.85	2.81						
M194	37	15.75	119	56.33	2.76						
M195	37	15.57	119	55.53	2.69						
M196	37	15.75	119	54.71	2.70						
M197	37	15.75	119	53.67	2.72						
M198	37	16.14	119	52.83	2.74						
M199	37	16.18	119	50.65	2.74						
M200	37	15.87	119	49.41	2.70						
M201	37	16.17	119	48.41	2.69						
M202	37	16.05	119	46.97	2.65						
M203	37	15.69	119	46.13	2.64						
M204	37	16.02	119	45.53	2.76						
M205	37	15.05	119	54.98	2.66						
M206	37	15.08	119	53.98	2.73						
M207	37	15.19	119	52.35	2.74						
M208	37	15.67	119	51.72	2.71						
M209	37	15.02	119	51.46	2.74						
M210	37	15.17	119	50.66	2.72						

TABLE 12.—Bass Lake densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
BL001	37	29.84	119	44.38	2.76	BL071	37	23.66	119	44.13	2.76
BL002	37	29.98	119	42.97	2.66	BL072	37	23.73	119	42.56	2.71
BL003	37	29.27	119	43.32	2.68	BL073	37	24.07	119	39.36	2.67
BL004	37	28.06	119	44.94	2.64	BL074	37	24.11	119	36.42	2.66
BL005	37	28.41	119	43.06	2.77	BL075	37	24.14	119	37.84	2.67
BL006	37	27.84	119	44.15	2.71	BL076	37	24.32	119	36.84	2.66
BL007	37	27.69	119	44.70	2.74	BL077	37	24.28	119	35.58	2.70
BL008	37	27.62	119	43.58	2.63	BL078	37	24.75	119	35.01	2.69
BL009	37	28.13	119	42.45	2.69	BL079	37	25.04	119	34.17	2.70
BL010	37	27.21	119	44.17	2.66	BL080	37	25.28	119	33.33	2.84
BL011	37	27.54	119	42.50	2.65	BL081	37	25.23	119	32.75	2.65
BL012	37	27.50	119	41.70	2.66	BL082	37	24.90	119	33.30	2.66
BL013	37	26.79	119	44.90	2.70	BL083	37	24.54	119	32.75	2.64
BL014	37	26.83	119	43.48	2.72	BL084	37	24.16	119	33.64	2.62
BL015	37	26.89	119	42.72	2.62	BL085	37	23.82	119	33.32	2.58
BL016	37	26.36	119	44.24	2.74	BL086	37	23.39	119	32.62	2.71
BL017	37	26.33	119	42.69	2.76	BL087	37	23.28	119	34.52	2.81
BL018	37	25.94	119	42.17	2.71	BL088	37	23.42	119	36.15	2.67
BL019	37	26.39	119	41.36	2.64	BL089	37	23.61	119	38.07	2.67
BL020	37	26.81	119	40.03	2.66	BL090	37	23.64	119	39.18	2.70
BL021	37	26.29	119	40.63	2.73	BL091	37	23.42	119	41.46	2.68
BL022	37	25.43	119	43.36	2.75	BL092	37	23.05	119	42.87	2.72
BL023	37	24.96	119	43.78	2.74	BL093	37	21.68	119	43.38	2.73
BL024	37	25.27	119	42.34	2.73	BL094	37	21.09	119	44.67	2.74
BL025	37	25.23	119	41.75	2.78	BL095	37	20.97	119	43.34	2.76
BL026	37	25.31	119	40.65	2.78	BL096	37	21.04	119	41.90	2.74
BL027	37	25.42	119	40.00	2.78	BL097	37	20.35	119	43.60	2.68
BL028	37	25.85	119	39.58	2.82	BL098	37	20.50	119	41.65	2.74
BL029	37	26.21	119	38.61	2.70	BL099	37	22.54	119	40.05	2.69
BL030	37	25.63	119	38.18	2.75	BL100	37	22.75	119	36.66	2.66
BL031	37	28.28	119	38.56	2.70	BL101	37	22.30	119	37.90	2.69
BL032	37	28.75	119	38.62	2.62	BL102	37	22.04	119	39.26	2.70
BL033	37	29.76	119	39.87	2.66	BL103	37	21.69	119	38.72	2.69
BL034	37	29.70	119	39.22	2.73	BL104	37	21.84	119	37.90	2.71
BL035	37	29.23	119	38.10	2.71	BL105	37	21.83	119	37.22	2.72
BL036	37	29.24	119	37.31	2.71	BL106	37	22.04	119	34.97	2.62
BL037	37	29.36	119	36.11	2.70	BL107	37	22.71	119	33.88	2.63
BL038	37	29.63	119	34.67	2.65	BL108	37	22.85	119	32.81	2.71
BL039	37	29.51	119	33.69	2.66	BL109	37	22.26	119	32.03	2.68
BL040	37	29.07	119	35.33	2.73	BL110	37	22.26	119	30.85	2.69
BL041	37	28.33	119	37.59	2.74	BL111	37	21.76	119	31.04	2.72
BL042	37	28.69	119	34.60	2.64	BL112	37	21.34	119	30.48	2.69
BL043	37	29.06	119	33.30	2.68	BL113	37	20.92	119	30.45	2.68
BL044	37	28.10	119	37.08	2.59	BL114	37	20.03	119	30.12	2.63
BL045	37	27.97	119	36.23	2.60	BL115	37	18.74	119	30.03	2.69
BL046	37	28.08	119	35.39	2.65	BL116	37	18.04	119	30.94	2.58
BL047	37	28.13	119	33.62	2.78	BL117	37	17.29	119	30.34	2.68
BL048	37	28.54	119	33.09	2.74	BL118	37	17.27	119	31.07	2.65
BL049	37	27.81	119	32.11	2.72	BL119	37	16.62	119	30.81	2.63
BL050	37	28.14	119	30.24	2.73	BL120	37	16.08	119	31.21	2.67
BL051	37	27.31	119	31.54	2.84	BL121	37	15.86	119	31.97	2.66
BL052	37	27.27	119	36.55	2.66	BL122	37	15.67	119	30.47	2.66
BL053	37	27.80	119	34.32	2.66	BL123	37	15.29	119	31.19	2.68
BL054	37	27.11	119	35.19	2.66	BL124	37	16.03	119	35.07	2.63
BL055	37	27.35	119	33.45	2.74	BL125	37	15.77	119	34.08	2.63
BL056	37	26.90	119	32.91	2.72	BL126	37	16.90	119	32.09	2.68
BL057	37	26.19	119	32.38	2.73	BL127	37	16.99	119	32.74	2.57
BL058	37	26.95	119	34.30	2.61	BL128	37	17.42	119	31.54	2.65
BL059	37	26.90	119	36.13	2.64	BL129	37	20.16	119	32.31	2.58
BL060	37	26.71	119	36.79	2.62	BL130	37	18.15	119	31.52	2.74
BL061	37	25.80	119	37.05	2.70	BL131	37	18.66	119	32.02	2.62
BL062	37	26.19	119	35.65	2.65	BL132	37	19.42	119	33.20	2.58
BL063	37	26.50	119	35.25	2.65	BL133	37	19.88	119	33.44	2.60
BL064	37	25.53	119	35.89	2.73	BL134	37	20.80	119	33.32	2.51
BL065	37	25.68	119	35.10	2.71	BL135	37	21.07	119	33.82	2.63
BL066	37	25.22	119	36.77	2.67	BL136	37	21.41	119	35.01	2.55
BL067	37	25.20	119	39.47	2.70	BL137	37	21.04	119	36.58	2.67
BL068	37	24.66	119	40.26	2.73	BL138	37	20.58	119	37.50	2.67
BL069	37	24.85	119	41.18	2.74	BL139	37	20.04	119	38.85	2.67
BL070	37	24.59	119	41.92	2.69	BL140	37	19.73	119	39.05	2.69

TABLE 12.—Bass Lake densities—Continued

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
BL141	37	19.97	119	37.59	2.70	BL211	37	15.04	119	43.53	2.62
BL142	37	20.55	119	35.80	2.63	BL212	37	18.43	119	30.44	2.64
BL143	37	20.00	119	35.39	2.65	BL213	37	17.43	119	30.06	2.64
BL144	37	19.79	119	34.93	2.72						
BL145	37	19.74	119	34.03	2.62						
BL146	37	19.36	119	35.51	2.73						
BL147	37	19.53	119	36.13	2.76						
BL148	37	18.79	119	36.66	2.74						
BL149	37	17.91	119	35.86	2.72						
BL150	37	17.04	119	35.11	2.76						
BL151	37	16.80	119	37.72	2.84						
BL152	37	17.12	119	39.40	2.86						
BL153	37	17.42	119	38.42	2.80						
BL154	37	17.54	119	37.09	2.80						
BL155	37	17.86	119	38.90	2.82						
BL156	37	18.56	119	39.41	2.81						
BL157	37	18.50	119	38.68	2.78						
BL158	37	18.80	119	40.32	2.81						
BL159	37	19.22	119	39.82	2.81						
BL160	37	19.59	119	39.64	2.75						
BL161	37	18.66	119	34.36	2.75						
BL162	37	29.90	119	41.94	2.63						
BL163	37	29.11	119	41.92	2.62						
BL164	37	29.30	119	41.29	2.58						
BL165	37	28.73	119	41.28	2.62						
BL166	37	28.66	119	40.41	2.58						
BL167	37	29.05	119	39.91	2.61						
BL168	37	28.96	119	39.30	2.66						
BL169	37	28.74	119	39.31	2.61						
BL170	37	28.19	119	40.91	2.58						
BL171	37	27.69	119	41.22	2.56						
BL172	37	27.82	119	40.39	2.69						
BL173	37	27.93	119	39.67	2.63						
BL174	37	28.19	119	38.64	2.61						
BL175	37	27.65	119	39.96	2.62						
BL176	37	27.13	119	39.50	2.63						
BL177	37	27.35	119	38.69	2.55						
BL178	37	26.61	119	39.18	2.59						
BL179	37	26.14	119	39.37	2.62						
BL180	37	29.61	119	32.13	2.71						
BL181	37	29.63	119	31.05	2.71						
BL182	37	29.12	119	31.76	2.69						
BL183	37	28.63	119	31.28	2.70						
BL184	37	27.30	119	32.10	2.63						
BL185	37	26.69	119	31.09	2.62						
BL186	37	26.03	119	32.11	2.61						
BL187	37	26.00	119	30.16	2.61						
BL188	37	25.79	119	30.92	2.61						
BL189	37	25.07	119	31.14	2.66						
BL190	37	24.29	119	31.63	2.63						
BL191	37	24.17	119	31.03	2.61						
BL192	37	23.97	119	30.25	2.64						
BL193	37	22.62	119	30.44	2.64						
BL194	37	16.87	119	33.53	2.76						
BL195	37	16.51	119	34.14	2.73						
BL196	37	16.26	119	32.89	2.54						
BL197	37	15.90	119	32.58	2.57						
BL198	37	15.13	119	37.49	2.64						
BL199	37	16.10	119	41.46	2.76						
BL200	37	18.44	119	44.92	2.77						
BL201	37	17.86	119	44.21	2.71						
BL202	37	17.22	119	42.86	2.72						
BL203	37	17.18	119	43.55	2.74						
BL204	37	16.87	119	44.40	2.74						
BL205	37	16.38	119	44.20	2.72						
BL206	37	15.87	119	43.72	2.68						
BL207	37	15.25	119	43.07	2.67						
BL208	37	15.49	119	42.07	2.79						
BL209	37	16.01	119	44.77	2.61						
BL210	37	15.57	119	44.99	2.60						

TABLE 13.—*Shuteye Peak densities*

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
SL293	37 15.00	119 17.77	2.67	S070	37 18.77	119 26.51	2.65
S001	37 29.91	119 26.95	2.62	S071	37 18.56	119 26.04	2.66
S002	37 29.79	119 26.37	2.62	S072	37 18.85	119 24.51	2.70
S003	37 28.44	119 27.83	2.62	S073	37 18.53	119 23.71	2.71
S004	37 27.75	119 29.37	2.61	S074	37 18.39	119 28.21	2.79
S005	37 27.18	119 29.60	2.64	S075	37 18.01	119 26.63	2.66
S006	37 27.08	119 28.55	2.63	S076	37 18.21	119 26.23	2.68
S007	37 26.70	119 29.33	2.61	S077	37 18.03	119 26.03	2.73
S008	37 25.96	119 29.62	2.62	S078	37 17.74	119 27.30	2.65
S009	37 25.81	119 28.89	2.63	S079	37 17.88	119 28.59	2.80
S010	37 25.70	119 27.89	2.58	S080	37 17.48	119 27.74	2.63
S011	37 25.49	119 29.79	2.60	S081	37 17.10	119 28.26	2.76
S012	37 25.20	119 28.57	2.59	S082	37 17.07	119 28.62	2.76
S013	37 24.24	119 28.72	2.62	S083	37 16.72	119 28.14	2.74
S014	37 24.14	119 27.80	2.61	S084	37 17.26	119 27.45	2.73
S015	37 24.63	119 26.31	2.62	S085	37 17.01	119 27.62	2.74
S016	37 23.48	119 29.94	2.64	S086	37 16.74	119 27.27	2.74
S017	37 23.10	119 25.51	2.61	S087	37 16.51	119 27.79	2.76
S018	37 22.35	119 25.85	2.59	S088	37 16.39	119 27.34	2.73
S019	37 21.69	119 25.89	2.59	S089	37 15.89	119 27.87	2.76
S020	37 20.97	119 25.65	2.60	S090	37 15.07	119 27.70	2.72
S021	37 20.79	119 25.24	2.61	S091	37 15.14	119 27.50	2.72
S022	37 20.71	119 23.76	2.59	S092	37 17.19	119 26.38	2.69
S023	37 19.94	119 23.20	2.57	S093	37 16.08	119 26.44	2.71
S024	37 20.34	119 27.18	2.64	S094	37 15.15	119 26.30	2.72
S025	37 19.43	119 28.32	2.62	S095	37 16.58	119 25.55	2.72
S026	37 18.84	119 28.57	2.63	S096	37 16.79	119 25.01	2.71
S027	37 18.44	119 29.58	2.64	S097	37 17.69	119 25.50	2.68
S028	37 17.74	119 29.85	2.64	S098	37 17.89	119 24.62	2.67
S029	37 17.78	119 28.96	2.65	S099	37 17.45	119 24.32	2.69
S030	37 16.07	119 29.17	2.67	S100	37 16.99	119 24.10	2.65
S031	37 22.20	119 29.13	2.75	S101	37 16.16	119 24.33	2.64
S032	37 22.28	119 27.90	2.77	S102	37 15.89	119 25.06	2.64
S033	37 22.46	119 27.06	2.76	S103	37 16.43	119 23.92	2.71
S034	37 22.74	119 26.75	2.85	S104	37 16.69	119 23.52	2.65
S035	37 22.34	119 26.48	2.75	S105	37 15.26	119 24.79	2.69
S036	37 22.06	119 26.38	2.76	S106	37 15.84	119 23.32	2.71
S037	37 21.77	119 28.84	2.74	S107	37 15.44	119 23.07	2.73
S038	37 21.94	119 27.81	2.77	S108	37 16.06	119 22.33	2.66
S039	37 21.76	119 26.54	2.76	S109	37 16.10	119 22.17	2.73
S040	37 21.26	119 29.01	2.73	S110	37 17.78	119 21.29	2.70
S041	37 21.16	119 28.20	2.66	S111	37 17.33	119 21.53	2.72
S042	37 20.84	119 27.30	2.71	S112	37 17.19	119 21.02	2.71
S043	37 21.07	119 29.22	2.73	S113	37 16.78	119 20.67	2.72
S044	37 20.66	119 27.55	2.70	S114	37 16.59	119 20.71	2.73
S045	37 20.38	119 28.53	2.71	S115	37 16.49	119 20.55	2.78
S046	37 20.21	119 29.21	2.71	S116	37 16.23	119 20.35	2.75
S047	37 19.75	119 29.40	2.69	S117	37 16.11	119 20.56	2.68
S048	37 18.42	119 29.79	2.69	S118	37 15.79	119 21.09	2.74
S049	37 17.53	119 29.93	2.69	S119	37 15.13	119 22.01	2.76
S050	37 17.34	119 29.83	2.71	S120	37 15.44	119 20.74	2.69
S051	37 17.03	119 29.93	2.78	S121	37 16.54	119 20.44	2.72
S052	37 20.49	119 26.04	2.72	S122	37 16.84	119 20.21	2.75
S053	37 20.19	119 26.83	2.71	S123	37 16.46	119 20.31	2.77
S054	37 20.05	119 27.22	2.74	S124	37 16.49	119 20.12	2.76
S055	37 19.90	119 26.31	2.76	S125	37 16.49	119 19.87	2.77
S056	37 20.09	119 25.85	2.73	S126	37 16.38	119 19.78	2.80
S057	37 19.66	119 26.72	2.73	S127	37 16.24	119 19.72	2.80
S058	37 19.79	119 26.10	2.72	S128	37 15.62	119 20.10	2.67
S059	37 19.37	119 27.19	2.76	S129	37 15.68	119 19.40	2.78
S060	37 19.35	119 26.86	2.72	S130	37 15.35	119 19.36	2.72
S061	37 19.19	119 26.50	2.70	S131	37 18.27	119 19.74	2.66
S062	37 19.23	119 26.04	2.69	S132	37 17.73	119 19.65	2.70
S063	37 19.51	119 25.20	2.71	S133	37 18.23	119 19.06	2.67
S064	37 19.17	119 24.85	2.69	S134	37 18.21	119 18.43	2.72
S065	37 19.18	119 24.08	2.73	S135	37 18.03	119 17.48	2.67
S066	37 19.02	119 27.16	2.74	S136	37 17.62	119 17.75	2.79
S067	37 18.86	119 28.00	2.75	S137	37 17.71	119 18.19	2.78
S068	37 18.62	119 27.33	2.72	S138	37 17.01	119 17.05	2.81
S069	37 18.33	119 26.91	2.71	S139	37 16.24	119 17.26	2.66

TABLE 13.—Shuteye Peak densities—Continued

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
S140	37	16.03	119	16.94	2.76	S211	37	24.05	119	25.11	2.72
S141	37	17.54	119	21.81	2.74	S212	37	23.44	119	25.24	2.73
S142	37	17.72	119	18.99	2.71	S213	37	23.45	119	24.92	2.69
S143	37	15.01	119	19.22	2.68	S214	37	23.71	119	24.27	2.65
S145	37	29.35	119	25.99	2.62	S215	37	23.19	119	23.96	2.67
S146	37	29.23	119	25.62	2.68	S216	37	22.92	119	23.79	2.65
S147	37	29.60	119	24.30	2.73	S217	37	22.73	119	24.74	2.72
S148	37	29.58	119	22.04	2.77	S218	37	22.20	119	24.50	2.73
S149	37	29.43	119	19.00	2.65	S219	37	22.08	119	23.36	2.69
S150	37	29.66	119	16.49	2.66	S220	37	21.34	119	23.36	2.75
S151	37	29.76	119	15.22	2.70	S221	37	21.47	119	23.29	2.71
S152	37	29.70	119	15.56	2.69	S222	37	20.92	119	23.19	2.74
S153	37	29.48	119	16.24	2.69	S223	37	19.95	119	22.48	2.70
S154	37	29.03	119	18.15	2.69	S224	37	20.22	119	21.78	2.69
S155	37	28.72	119	19.29	2.69	S225	37	18.95	119	19.99	2.65
S156	37	28.21	119	20.03	2.67	S226	37	22.37	119	23.06	2.64
S157	37	28.98	119	20.64	2.68	S227	37	21.94	119	22.94	2.64
S158	37	29.14	119	24.07	2.75	S228	37	21.74	119	22.79	2.66
S159	37	28.39	119	26.28	2.67	S229	37	21.39	119	21.85	2.66
S160	37	28.13	119	27.20	2.70	S230	37	22.68	119	22.45	2.68
S161	37	27.97	119	26.65	2.67	S231	37	24.23	119	22.34	2.69
S162	37	27.72	119	26.02	2.70	S232	37	22.98	119	21.66	2.69
S163	37	28.48	119	24.87	2.74	S233	37	22.30	119	21.78	2.69
S164	37	27.79	119	24.50	2.69	S234	37	22.28	119	21.13	2.68
S165	37	28.03	119	23.95	2.73	S235	37	21.87	119	21.03	2.69
S166	37	28.23	119	23.49	2.72	S236	37	21.40	119	20.73	2.67
S167	37	27.86	119	23.91	2.72	S237	37	20.92	119	20.13	2.68
S168	37	27.58	119	24.05	2.70	S238	37	20.87	119	20.20	2.67
S169	37	27.35	119	23.68	2.69	S239	37	20.81	119	20.32	2.65
S170	37	27.33	119	24.02	2.73	S240	37	20.42	119	20.03	2.69
S171	37	27.42	119	24.44	2.76	S241	37	20.18	119	20.08	2.70
S172	37	27.35	119	25.39	2.72	S242	37	19.67	119	19.69	2.67
S173	37	26.83	119	25.68	2.73	S243	37	19.55	119	19.22	2.67
S174	37	25.99	119	24.76	2.68	S244	37	19.33	119	18.81	2.68
S175	37	26.98	119	23.57	2.69	S245	37	19.41	119	18.45	2.68
S176	37	26.63	119	23.49	2.65	S246	37	20.13	119	19.19	2.66
S177	37	26.62	119	22.71	2.63	S247	37	20.32	119	19.06	2.67
S178	37	27.23	119	22.39	2.66	S248	37	20.54	119	18.50	2.69
S179	37	27.62	119	22.29	2.63	S249	37	20.94	119	18.97	2.68
S180	37	27.96	119	22.25	2.67	S250	37	21.27	119	18.80	2.67
S181	37	27.18	119	21.99	2.65	S251	37	23.37	119	19.28	2.64
S182	37	28.26	119	19.10	2.69	S252	37	24.93	119	17.10	2.65
S183	37	28.30	119	18.90	2.65	S253	37	24.05	119	16.52	2.65
S184	37	28.55	119	16.76	2.62	S254	37	23.76	119	16.44	2.63
S185	37	27.57	119	17.41	2.63	S255	37	23.15	119	17.01	2.65
S186	37	27.62	119	15.26	2.60	S256	37	22.78	119	17.14	2.65
S187	37	26.92	119	17.97	2.61	S257	37	22.40	119	17.42	2.61
S188	37	26.65	119	18.04	2.61	S258	37	22.35	119	18.28	2.67
S189	37	26.73	119	17.72	2.60	S259	37	22.25	119	17.77	2.63
S190	37	26.34	119	18.29	2.61	S260	37	21.81	119	17.80	2.68
S191	37	26.13	119	20.47	2.66	S261	37	21.31	119	18.09	2.66
S192	37	25.85	119	19.33	2.63	S262	37	21.28	119	17.36	2.69
S193	37	25.66	119	19.25	2.64	S263	37	21.74	119	17.37	2.71
S194	37	25.96	119	18.33	2.58						
S195	37	26.11	119	17.79	2.61						
S196	37	26.19	119	17.80	2.61						
S197	37	26.14	119	17.29	2.62						
S198	37	26.43	119	16.73	2.62						
S199	37	26.75	119	15.94	2.62						
S200	37	25.45	119	24.29	2.68						
S201	37	25.31	119	24.52	2.67						
S202	37	25.18	119	24.84	2.68						
S203	37	24.66	119	24.60	2.64						
S204	37	24.61	119	24.47	2.63						
S205	37	24.66	119	23.83	2.66						
S206	37	25.31	119	22.95	2.68						
S207	37	25.41	119	22.71	2.67						
S208	37	25.34	119	21.45	2.67						
S209	37	24.88	119	22.60	2.70						
S210	37	24.77	119	23.05	2.69						

TABLE 14.—Kaiser Peak densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
KP001	37	29.67	119	14.91	2.66	KP071	37	21.59	119	6.66	2.69
KP002	37	29.80	119	14.48	2.65	KP072	37	21.56	119	8.16	2.66
KP003	37	29.90	119	12.94	2.63	KP073	37	21.14	119	7.77	2.66
KP004	37	29.89	119	12.01	2.65	KP074	37	20.71	119	6.82	2.66
KP005	37	29.52	119	10.50	2.66	KP075	37	21.75	119	5.10	2.74
KP006	37	29.18	119	13.77	2.65	KP076	37	22.80	119	4.46	2.73
KP007	37	28.95	119	12.40	2.67	KP077	37	23.67	119	2.50	2.71
KP008	37	28.95	119	11.44	2.66	KP078	37	23.24	119	2.23	2.73
KP009	37	28.47	119	12.91	2.65	KP079	37	23.14	119	2.32	2.72
KP010	37	28.17	119	14.36	2.62	KP080	37	23.04	119	3.26	2.69
KP011	37	27.43	119	14.73	2.63	KP081	37	22.27	119	3.76	2.72
KP012	37	27.53	119	13.33	2.63	KP082	37	22.06	119	2.33	2.69
KP013	37	27.86	119	11.86	2.66	KP083	37	22.88	119	1.38	2.68
KP014	37	28.19	119	10.04	2.64	KP084	37	21.58	119	1.39	2.71
KP015	37	26.67	119	13.62	2.62	KP085	37	21.53	119	3.34	2.69
KP016	37	26.90	119	12.81	2.63	KP086	37	21.64	119	4.28	2.74
KP017	37	26.88	119	11.80	2.66	KP087	37	20.93	119	3.08	2.73
KP018	37	27.10	119	10.50	2.66	KP088	37	20.85	119	2.13	2.67
KP019	37	26.49	119	14.39	2.64	KP089	37	20.96	119	0.15	2.76
KP020	37	26.31	119	13.14	2.65	KP090	37	20.22	119	0.04	2.74
KP021	37	26.63	119	9.70	2.65	KP091	37	20.19	119	0.19	2.73
KP022	37	25.65	119	14.88	2.60	KP092	37	19.61	119	0.68	2.74
KP023	37	25.77	119	14.62	2.63	KP093	37	19.53	119	0.58	2.73
KP024	37	25.49	119	11.53	2.66	KP094	37	19.60	119	1.93	2.71
KP025	37	26.10	119	10.26	2.65	KP095	37	20.67	119	3.97	2.71
KP026	37	25.58	119	10.65	2.65	KP096	37	19.26	119	6.24	2.63
KP027	37	25.57	119	9.53	2.66	KP097	37	19.39	119	5.16	2.63
KP028	37	24.96	119	9.44	2.66	KP098	37	19.09	119	4.29	2.71
KP029	37	24.57	119	10.20	2.59	KP099	37	19.11	119	3.74	2.71
KP030	37	24.60	119	12.29	2.68	KP100	37	18.94	119	2.90	2.72
KP031	37	24.57	119	11.76	2.68	KP101	37	18.74	119	2.00	2.73
KP032	37	24.41	119	14.75	2.62	KP102	37	18.89	119	0.83	2.72
KP033	37	23.32	119	13.82	2.70	KP103	37	19.27	119	13.61	2.72
KP034	37	23.43	119	10.99	2.65	KP104	37	20.35	119	11.71	2.68
KP035	37	23.73	119	9.46	2.66	KP105	37	19.54	119	10.24	2.70
KP036	37	23.02	119	10.33	2.66	KP106	37	20.09	119	9.99	2.64
KP037	37	22.62	119	10.61	2.67	KP107	37	19.26	119	8.91	2.67
KP038	37	22.60	119	9.57	2.67	KP108	37	19.06	119	10.33	2.77
KP039	37	22.36	119	10.67	2.66	KP109	37	18.66	119	8.77	2.68
KP040	37	21.89	119	14.69	2.68	KP110	37	18.32	119	9.17	2.71
KP041	37	21.56	119	14.40	2.65	KP111	37	18.53	119	6.73	2.68
KP042	37	21.10	119	14.77	2.66	KP112	37	18.25	119	6.49	2.67
KP043	37	21.57	119	11.11	2.64	KP113	37	18.11	119	7.01	2.69
KP044	37	21.38	119	12.72	2.64	KP114	37	17.77	119	8.35	2.70
KP045	37	21.77	119	9.13	2.67	KP115	37	17.53	119	7.48	2.69
KP046	37	21.20	119	9.62	2.67	KP116	37	17.36	119	6.45	2.69
KP047	37	21.10	119	13.13	2.63	KP117	37	17.57	119	5.97	2.66
KP048	37	21.03	119	12.25	2.66	KP118	37	17.36	119	6.16	2.66
KP049	37	20.93	119	11.27	2.65	KP119	37	17.05	119	6.25	2.67
KP050	37	20.66	119	9.81	2.65	KP120	37	16.70	119	6.76	2.67
KP051	37	20.71	119	8.68	2.66	KP121	37	17.08	119	4.57	2.71
KP052	37	20.30	119	12.92	2.65	KP122	37	17.11	119	2.98	2.72
KP053	37	20.35	119	14.64	2.64	KP123	37	17.04	119	0.30	2.71
KP054	37	20.08	119	13.86	2.66	KP124	37	16.94	119	0.89	2.72
KP055	37	19.50	119	7.68	2.64	KP125	37	16.03	119	2.57	2.71
KP056	37	19.15	119	7.19	2.67	KP126	37	15.60	119	4.53	2.71
KP057	37	19.89	119	14.36	2.72	KP127	37	15.18	119	0.93	2.71
KP058	37	26.84	119	8.87	2.67	KP128	37	15.00	119	0.35	2.70
KP059	37	24.52	119	9.05	2.68	KP129	37	29.33	119	8.09	2.70
KP060	37	24.77	119	7.98	2.68	KP130	37	28.74	119	8.35	2.71
KP061	37	23.89	119	7.76	2.68	KP131	37	28.49	119	6.81	2.68
KP062	37	26.28	119	8.05	2.72	KP132	37	29.84	119	4.41	2.68
KP063	37	25.93	119	7.55	2.72	KP133	37	28.96	119	5.08	2.66
KP064	37	25.04	119	7.12	2.73	KP134	37	28.77	119	3.86	2.67
KP065	37	24.60	119	5.91	2.70	KP135	37	28.06	119	4.13	2.65
KP066	37	24.13	119	7.02	2.72	KP136	37	27.87	119	3.33	2.65
KP067	37	23.74	119	5.90	2.70	KP137	37	27.75	119	2.50	2.68
KP068	37	22.63	119	8.47	2.69	KP138	37	27.44	119	3.74	2.63
KP069	37	22.56	119	7.41	2.70	KP139	37	27.13	119	3.27	2.66
KP070	37	22.37	119	6.51	2.70	KP140	37	27.00	119	4.73	2.65

TABLE 14.-Kaiser Peak densities-Continued

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
KP141	37 27.18	119 6.51	2.66	KP211	37 16.63	119 10.46	2.65
KP142	37 26.68	119 6.88	2.68	KP212	37 16.69	119 11.12	2.65
KP143	37 26.48	119 4.33	2.67	KP213	37 16.09	119 11.12	2.64
KP144	37 25.97	119 4.69	2.68	KP214	37 15.95	119 11.16	2.68
KP145	37 26.18	119 3.15	2.69	KP215	37 16.06	119 10.67	2.67
KP146	37 26.22	119 2.58	2.70	KP216	37 16.09	119 10.07	2.69
KP147	37 26.60	119 2.21	2.70	KP217	37 15.40	119 10.26	2.64
KP148	37 26.27	119 1.47	2.70	KP218	37 15.09	119 11.21	2.66
KP149	37 26.37	119 0.98	2.69	KP219	37 16.25	119 13.27	2.69
KP150	37 25.71	119 0.31	2.70	KP220	37 15.77	119 14.75	2.71
KP151	37 25.69	119 1.49	2.69	KP221	37 15.44	119 13.78	2.69
KP152	37 25.19	119 0.13	2.68	KP222	37 15.59	119 11.19	2.67
KP153	37 24.98	119 0.54	2.70	KP223	37 16.04	119 9.04	2.73
KP154	37 24.96	119 0.18	2.68	KP224	37 16.52	119 7.99	2.71
KP155	37 24.79	119 3.62	2.71	KP225	37 16.05	119 7.45	2.71
KP156	37 23.95	119 2.54	2.70	KP226	37 15.80	119 7.96	2.68
KP157	37 23.73	119 0.81	2.66	KP227	37 15.07	119 7.37	2.68
KP158	37 23.65	119 0.75	2.66	KP228	37 15.01	119 13.27	2.66
KP159	37 29.63	119 8.17	2.85	KP229	37 17.03	119 11.03	2.67
KP160	37 29.80	119 2.98	2.73	KP230	37 17.03	119 10.55	2.67
KP161	37 29.14	119 0.77	2.86	KP231	37 17.03	119 10.55	2.68
KP162	37 28.15	119 0.64	2.75	KP232	37 17.08	119 10.43	2.66
KP163	37 23.16	119 14.85	2.66	KP233	37 17.64	119 10.82	2.68
KP164	37 23.95	119 13.46	2.72	KP234	37 17.39	119 11.34	2.68
KP165	37 25.47	119 12.09	2.70	KP235	37 17.19	119 11.45	2.68
KP166	37 29.92	119 2.05	2.62	KP236	37 17.19	119 11.02	2.67
KP167	37 29.90	119 0.26	2.62	KP237	37 19.26	119 11.48	2.77
KP168	37 29.34	119 1.14	2.62	KP238	37 19.15	119 11.04	2.82
KP169	37 28.79	119 2.26	2.61	KP239	37 18.87	119 11.14	2.62
KP170	37 29.06	119 0.26	2.61	KP240	37 18.94	119 10.46	2.82
KP171	37 28.23	119 1.14	2.65	KP241	37 18.83	119 10.81	2.65
KP172	37 27.63	119 1.57	2.68	DP126	37 29.99	119 3.09	2.70
KP173	37 27.55	119 0.60	2.71				
KP174	37 27.48	119 0.21	2.60				
KP175	37 26.83	119 1.01	2.66				
KP176	37 26.54	119 0.46	2.61				
KP177	37 26.49	119 0.83	2.61				
KP178	37 26.19	119 0.48	2.61				
KP179	37 22.56	119 2.51	2.69				
KP180	37 22.42	119 2.60	2.70				
KP181	37 21.77	119 2.02	2.68				
KP182	37 23.48	119 6.97	2.75				
KP183	37 23.10	119 8.98	2.62				
KP184	37 20.31	119 4.31	2.67				
KP185	37 21.30	119 0.66	2.70				
KP186	37 27.98	119 0.04	2.62				
KP187	37 26.95	119 12.63	2.68				
KP188	37 26.10	119 13.73	2.62				
KP189	37 22.79	119 14.66	2.60				
KP190	37 21.98	119 11.26	2.67				
KP191	37 21.91	119 10.94	2.67				
KP192	37 21.12	119 10.63	2.64				
KP193	37 18.40	119 14.14	2.70				
KP194	37 17.93	119 13.50	2.70				
KP195	37 17.71	119 14.60	2.70				
KP196	37 17.72	119 13.59	2.68				
KP197	37 17.09	119 13.31	2.68				
KP198	37 18.58	119 11.82	2.71				
KP199	37 18.56	119 11.00	2.65				
KP200	37 18.44	119 10.97	2.66				
KP201	37 18.32	119 10.35	2.64				
KP202	37 18.31	119 10.96	2.68				
KP203	37 18.12	119 10.36	2.69				
KP204	37 17.97	119 12.07	2.71				
KP205	37 17.98	119 11.08	2.70				
KP206	37 17.88	119 10.94	2.69				
KP207	37 17.80	119 10.25	2.65				
KP208	37 17.44	119 9.90	2.66				
KP209	37 17.46	119 9.37	2.62				
KP210	37 16.99	119 9.08	2.66				

TABLE 15.—Mount Abbot densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
MtAbA001	37 24.58	118 55.65	2.72	MtAbA109	37 18.44	118 59.87	2.73
MtAbA003	37 24.97	118 55.46	2.70	MtAbA112	37 29.08	118 57.53	2.66
MtAbA004	37 24.56	118 54.59	2.70	MtAbA114	37 29.19	118 56.28	2.64
MtAbA005	37 23.33	118 53.11	2.71	MtAbA116	37 29.53	118 54.22	2.68
MtAbA006	37 23.56	118 56.53	2.70	MtAbA117	37 29.78	118 54.29	2.67
MtAbA008	37 25.84	118 55.78	2.63	MtAbA119	37 27.93	118 54.43	2.65
MtAbA010	37 26.28	118 54.56	2.65	MtAbA120	37 28.06	118 53.08	2.64
MtAbA11?	37 27.43	118 55.48	2.64	MtAbA121	37 27.15	118 53.76	2.63
MtAbA11?	37 29.90	118 55.30	2.65	MtAbA122	37 28.29	118 55.94	2.64
MtAbA11?	37 29.41	118 54.62	2.64	MtAbA123	37 28.07	118 56.28	2.65
MtAbA013	37 25.03	118 54.59	2.68	MtAbA124	37 15.31	118 55.51	2.72
MtAbA017	37 27.10	118 57.32	2.61	MtAbA125	37 15.32	118 54.46	2.74
MtAbA18?	37 27.62	118 56.54	2.62	MtAbA126	37 15.14	118 57.01	2.70
MtAbA18?	37 27.85	118 56.98	2.63	MtAbA128	37 16.20	118 52.73	2.70
MtAbA18?	37 29.74	118 57.11	2.65	MtAbA13C	37 17.25	118 52.26	2.66
MtAbA020	37 27.62	118 58.49	2.63	MtAbA132	37 18.52	118 52.76	2.74
MtAbA024	37 27.16	118 58.34	2.75	MtAbA133	37 18.19	118 54.22	2.64
MtAbA026	37 27.41	118 59.41	2.61	MtAbA134	37 19.54	118 54.15	2.74
MtAbA028	37 28.55	118 59.49	2.60	MtAbA136	37 19.50	118 55.55	2.61
MtAbA029	37 29.42	118 59.18	2.64	MtAbA138	37 17.27	118 55.77	2.66
MtAbA032	37 29.92	118 58.29	2.64	MtAbA139	37 22.73	118 57.46	2.71
MtAbA033	37 27.10	118 58.72	2.82	MtAbA140	37 22.74	118 57.98	2.74
MtAbA035	37 27.25	118 58.71	2.76	MtAbA141	37 26.15	118 50.20	2.65
MtAbA042	37 23.34	118 55.54	2.71	MtAbA142	37 26.78	118 51.12	2.65
MtAbA043	37 22.47	118 56.87	2.72	MtAbA143	37 27.00	118 51.00	2.62
MtAbA044	37 23.07	118 59.11	2.73	MtAbA144	37 27.35	118 49.78	2.66
MtAbA045	37 23.22	118 58.80	2.68	MtAbA145	37 28.48	118 50.15	2.73
MtAbA46?	37 23.09	118 58.62	2.60	MtAbA147	37 27.75	118 48.69	2.66
MtAbA46?	37 23.41	118 59.39	2.63	MtAbA148	37 27.78	118 47.60	2.64
MtAbA048	37 23.23	118 58.10	2.72	MtAbA149	37 28.37	118 46.96	2.69
MtAbA049	37 23.33	118 57.99	2.69	MtAbA150	37 27.26	118 46.64	2.64
MtAbA051	37 29.93	118 56.29	2.66	MtAbA151	37 28.62	118 51.37	2.70
MtAbA052	37 24.89	118 56.42	2.70	MtAbA157	37 29.86	118 53.74	2.70
MtAbA056	37 23.82	118 57.16	2.70	MtAbA165	37 26.37	118 47.55	2.66
MtAbA057	37 24.14	118 56.76	2.68	MtAbA166	37 26.07	118 46.29	2.67
MtAbA058	37 23.46	118 57.86	2.63	MtAbA167	37 26.72	118 45.41	2.68
MtAbA059	37 25.73	118 56.36	2.61	MtAbA168	37 25.32	118 46.23	2.65
MtAbA060	37 25.94	118 56.28	2.84	MtAbA169	37 25.61	118 49.44	2.65
MtAbA061	37 26.04	118 56.89	2.76	MtAbA170	37 25.00	118 49.90	2.64
MtAbA062	37 26.04	118 57.35	2.65	MtAbA172	37 29.39	118 45.93	2.72
MtAbA063	37 25.48	118 57.58	2.72	MtAbA173	37 28.81	118 45.46	2.62
MtAbA064	37 25.09	118 57.63	2.68	MtAbA174	37 28.02	118 46.03	2.66
MtAbA065	37 25.15	118 54.10	2.67	MtAbA175	37 28.06	118 45.91	2.66
MtAbA066	37 27.14	118 59.02	2.59	MtAbA179	37 27.34	118 45.31	2.65
MtAbA068	37 26.45	118 58.51	2.61	MtAbA181	37 21.73	118 59.84	2.70
MtAbA069	37 26.35	118 58.36	2.77	MtAbA184	37 21.58	118 58.05	2.77
MtAbA073	37 25.74	118 58.82	2.68	MtAbA188	37 19.84	118 57.33	2.69
MtAbA075	37 28.50	118 58.15	2.65	MtAbA190	37 18.29	118 56.60	2.68
MtAbA077	37 29.15	118 58.45	2.72	MtAbA191	37 18.50	118 55.82	2.66
MtAbA080	37 22.80	118 52.39	2.64	MtAbA192	37 19.21	118 56.47	2.65
MtAbA081	37 22.25	118 52.66	2.67	MtAbA196	37 21.43	118 57.13	2.74
MtAbA082	37 22.14	118 56.04	2.70	MtAbA197	37 20.67	118 58.07	2.69
MtAbA083	37 22.15	118 56.63	2.75	MtAbA199	37 21.16	118 56.64	2.78
MtAbA084	37 21.91	118 51.72	2.67	MtAbA200	37 18.24	118 57.80	2.64
MtAbA085	37 24.82	118 58.92	2.64	MtAbA202	37 18.56	118 57.94	2.67
MtAbA086	37 25.32	118 57.37	2.63	MtAbA203	37 18.71	118 58.67	2.70
MtAbA087	37 26.00	118 57.57	2.84	MtAbA204	37 20.90	118 59.32	2.74
MtAbA089	37 27.13	118 58.18	2.76	MtAbA207	37 19.21	118 59.49	2.72
MtAbA093	37 27.84	118 59.04	2.62	MtAbA210	37 16.77	118 57.08	2.75
MtAbA094	37 27.92	118 59.26	2.81	MtAbA211	37 15.83	118 57.04	2.71
MtAbA095	37 28.34	118 59.50	2.62	MtAbA212	37 16.63	118 59.46	2.71
MtAbA100	37 25.60	118 54.46	2.69	MtAbA213	37 16.01	118 59.70	2.70
MtAbA101	37 23.94	118 59.36	2.65	MtAbA214	37 15.05	118 59.78	2.71
MtAbA102	37 20.18	118 59.84	2.73	MtAbA215	37 15.30	118 58.76	2.71
MtAbA103	37 20.11	118 58.73	2.76	MtAbA218	37 29.01	118 54.94	2.64
MtAbA104	37 20.18	118 58.41	2.68	MtAbA219	37 15.92	118 58.15	2.70
MtAbA105	37 24.82	118 53.86	2.67	MtAbA220	37 16.02	118 58.02	2.71
MtAbA106	37 17.33	118 58.39	2.70	MtAbA222	37 18.18	118 53.86	2.62
MtAbA107	37 18.02	118 58.93	2.72	MtAbA224	37 15.72	118 53.61	2.69
MtAbA108	37 17.61	118 59.61	2.72	MtAbA225	37 16.15	118 54.74	2.63

TABLE 15.—Mount Abbot densities—Continued

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
MtAbA226	37 17.35	118 54.54	2.62	MtAbA409	37 21.18	118 55.95	2.74
MtAbA227	37 25.68	118 51.56	2.63	MtAbA413	37 26.67	118 53.14	2.66
MtAbA229	37 26.47	118 51.89	2.66	MtAbA414	37 25.92	118 53.28	2.65
MtAbA230	37 26.98	118 52.48	2.66	MtAbA420	37 24.45	118 52.88	2.66
MtAbA231	37 28.52	118 49.27	2.68	MtAbA421	37 20.67	118 50.28	2.66
MtAbA232	37 27.92	118 51.73	2.64	MtAbA422	37 20.76	118 49.36	2.63
MtAbA233	37 27.95	118 50.66	2.64	MtAbA425	37 21.48	118 52.05	2.71
MtAbA234	37 28.85	118 49.31	2.69	MtAbA426	37 22.11	118 51.45	2.66
MtAbA235	37 29.35	118 47.71	2.63	MtAbA427	37 22.76	118 51.41	2.65
MtAbA236	37 28.47	118 48.10	2.66	MtAbA428	37 21.99	118 50.40	2.66
MtAbA237	37 29.74	118 48.83	2.70	MtAbA429	37 17.99	118 45.99	2.66
MtAbA238	37 29.79	118 47.82	2.67	MtAbA429	37 19.82	118 52.38	2.74
MtAbA239	37 29.57	118 49.85	2.76	MtAbA430	37 20.62	118 45.69	2.64
MtAbA240	37 29.18	118 53.14	2.66	MtAbA432	37 21.83	118 45.08	2.73
MtAbA241	37 26.24	118 48.66	2.64	MtAbA433	37 21.43	118 45.25	2.64
MtAbA242	37 25.47	118 48.70	2.64	MtAbA436	37 19.77	118 45.33	2.64
MtAbA243	37 24.47	118 47.37	2.65	MtAbA438	37 18.73	118 45.04	2.66
MtAbA244	37 23.70	118 47.26	2.64	MtAbA441	37 21.04	118 46.37	2.64
MtAbA245	37 24.36	118 48.48	2.63	MtAbA442	37 22.03	118 45.72	2.73
MtAbA246	37 24.01	118 49.43	2.64	MtAbA444	37 18.50	118 49.10	2.63
MtAbA247	37 23.27	118 48.65	2.63	MtAbA445	37 18.43	118 49.26	2.73
MtAbA248	37 22.96	118 47.64	2.64	MtAbA446	37 18.46	118 50.15	2.63
MtAbA250	37 29.01	118 46.48	2.64	MtAbA447	37 18.55	118 51.38	2.75
MtAbA251	37 28.52	118 46.38	2.75	MtAbA448	37 19.29	118 51.12	2.70
MtAbA252	37 28.61	118 45.14	2.67	MtAbA449	37 19.65	118 49.70	2.64
MtAbA253	37 25.15	118 45.04	2.71	MtAbA450	37 21.09	118 50.58	2.66
MtAbA254	37 25.36	118 45.25	2.69	MtAbA451	37 25.14	118 50.51	2.63
MtAbA255	37 19.04	118 57.12	2.69	MtAbA452	37 22.46	118 48.54	2.63
MtAbA256	37 20.39	118 57.59	2.78	MtAbA453	37 22.94	118 49.84	2.66
MtAbA258	37 21.45	118 55.12	2.63	MtAbA454	37 24.32	118 56.36	2.68
MtAbA259	37 25.91	118 54.43	2.67	MtAbA455	37 22.39	118 54.45	2.70
MtAbA260	37 25.38	118 52.61	2.64	MtAbA456	37 22.39	118 54.77	2.73
MtAbA261	37 23.77	118 51.92	2.66	MtAbA457	37 21.44	118 54.43	2.68
MtAbA262	37 23.50	118 51.20	2.65	MtAbA458	37 20.82	118 53.99	2.72
MtAbA263	37 24.80	118 51.85	2.63	MtAbA459	37 20.38	118 53.62	2.72
MtAbA264	37 20.28	118 48.39	2.66	MtAbA460	37 21.31	118 51.30	2.66
MtAbA265	37 20.64	118 51.71	2.70	MtAbA461	37 20.07	118 50.13	2.67
MtAbA266	37 20.04	118 51.26	2.70	MtAbA462	37 19.89	118 49.75	2.63
MtAbA268	37 19.37	118 48.52	2.66	MtAbA463	37 21.55	118 48.28	2.63
MtAbA269	37 19.93	118 47.22	2.63	MtAbA464	37 21.81	118 47.01	2.63
MtAbA270	37 20.17	118 46.15	2.64	MtAbA465	37 20.97	118 47.32	2.63
MtAbA271	37 18.64	118 46.39	2.64	MtAbA466	37 19.14	118 50.00	2.71
MtAbA272	37 19.42	118 46.16	2.62	MtAbA467	37 20.28	118 53.64	2.72
MtAbA274	37 18.77	118 47.24	2.63	MtAbA468	37 20.44	118 54.71	2.75
MtAbA275	37 21.65	118 49.51	2.63	MtAbA471	37 16.87	118 51.15	2.75
MtAbA276	37 18.71	118 48.29	2.63	MtAbA473	37 16.00	118 51.34	2.73
MtAbA277	37 18.05	118 47.96	2.67	MtAbA473	37 18.21	118 47.40	2.66
MtAbA278	37 23.05	118 59.89	2.72	MtAbA474	37 16.70	118 51.92	2.69
MtAbA280	37 23.62	118 50.12	2.63	MtAbA475	37 17.46	118 51.80	2.77
MtAbA281	37 24.38	118 50.92	2.62	MtAbA477	37 15.26	118 50.89	2.67
MtAbA282	37 22.09	118 53.59	2.69	MtAbA479	37 18.66	118 52.08	2.75
MtAbA283	37 20.41	118 52.74	2.69	MtAbA480	37 19.18	118 52.86	2.72
MtAbA284	37 20.13	118 53.64	2.72	MtAbA481	37 16.96	118 51.08	2.75
MtAbA285	37 21.54	118 53.40	2.69	MtAbA482	37 17.51	118 45.20	2.69
MtAbA286	37 16.09	118 50.30	2.69	MtAbA484	37 16.34	118 45.69	2.69
MtAbA287	37 16.74	118 49.29	2.73	MtAbA485	37 15.93	118 45.01	2.66
MtAbA287	37 19.55	118 52.30	2.74	MtAbA487	37 15.08	118 45.46	2.73
MtAbA289	37 17.17	118 49.99	2.73	MtAbA488	37 15.09	118 47.16	2.70
MtAbA290	37 16.60	118 47.62	2.70	MtAbA489	37 15.30	118 46.94	2.71
MtAbA291	37 17.30	118 47.66	2.67	MtAbA490	37 17.21	118 46.61	2.67
MtAbA293	37 16.49	118 48.21	2.64	MtAbA491	37 15.18	118 50.56	2.62
MtAbA295	37 15.83	118 46.90	2.65	MtAbA493	37 15.04	118 50.49	2.83
MtAbA304	37 15.78	118 50.51	2.70	MtAbA495	37 16.06	118 50.98	2.70
MtAbA308	37 17.40	118 48.93	2.64	MtAbA496	37 15.05	118 49.30	2.70
MtAbA310	37 17.91	118 50.09	2.70	MtAbA499	37 15.90	118 48.18	2.72
MtAbA312	37 22.44	118 45.03	2.70	MtAbA500	37 15.60	118 48.65	2.72
MtAbA313	37 23.34	118 46.54	2.72	MtAbA503	37 16.49	118 48.74	2.70
MtAbA316	37 24.49	118 46.14	2.67	MtAbA507	37 17.96	118 48.25	2.69
MtAbA405	37 21.92	118 55.71	2.73	MtAbA508	37 15.48	118 53.58	2.64
MtAbA407	37 21.64	118 56.15	2.72	MtAbA509	37 15.16	118 53.50	2.83

TABLE 15.—Mount Abbot densities—Continued

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
MtAbA511	37	19.84	118	56.92	2.68
MtAbA512	37	18.33	118	53.88	2.61
MtAbA514	37	27.13	118	59.36	2.61
MtAbA515	37	27.64	118	59.76	2.61
MtAbA520	37	28.88	118	55.66	2.63
MtAbA521	37	28.33	118	58.83	2.62
MtAbA536	37	17.60	118	57.34	2.63
MtAbA538	37	28.69	118	53.66	2.64
MtAbA541	37	17.00	118	56.52	2.62
MtAbA542	37	23.21	118	45.48	2.69
MtAbA547	37	24.67	118	45.02	2.84
MtAbA550	37	24.43	118	45.94	2.73
MtAbA552	37	22.13	118	45.92	2.63
MtAbA554	37	22.89	118	46.57	2.63
MtAbA555	37	25.80	118	52.41	2.65
MtAbA556	37	23.44	118	53.25	2.71
MtAbA558	37	21.80	118	51.84	2.68
MtAbA559	37	26.46	118	57.11	2.71
MtAbA561	37	26.01	118	55.99	2.61
MtAbA562	37	26.33	118	57.07	2.81
MtAbA564	37	25.57	118	56.04	2.62
MtAbA565	37	24.86	118	55.59	2.70
MtAbA567	37	16.62	118	58.29	2.72
MtAbA568	37	24.72	118	45.58	2.68
MtAbA569	37	24.53	118	45.48	2.86
MtAbA570	37	25.04	118	45.10	2.73
MtAbA571	37	24.72	118	45.89	2.64
MtAbA663	37	26.70	118	56.34	2.61

TABLE 16.—Mount Tom densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
TOMA001	37	29.96	118	40.54	2.61	TOMC012	37	15.89	118	38.72	2.62
TOMA002	37	29.64	118	40.38	2.62	TOMC034	37	26.76	118	39.51	2.60
TOMA003	37	28.62	118	40.06	2.64	TOMC001	37	29.74	118	40.17	2.69
TOMA004	37	28.23	118	40.01	2.60	TOMC002	37	29.73	118	39.46	2.62
TOMA005	37	28.05	118	39.47	2.62	TOMC003	37	29.53	118	39.71	2.62
TOMA006	37	27.54	118	40.00	2.64	TOMC004	37	29.29	118	38.72	2.60
TOMA007	37	27.34	118	40.00	2.58	TOMC005	37	28.98	118	38.74	2.61
TOMA008	37	26.74	118	40.58	2.64	TOMC006	37	29.09	118	39.27	2.62
TOMA009	37	26.71	118	39.06	2.67						
TOMA010	37	26.21	118	38.45	2.68						
TOMA012	37	24.73	118	40.91	2.74						
TOMA013	37	24.35	118	39.34	2.68						
TOMA014	37	23.41	118	38.10	2.67						
TOMA015	37	22.94	118	38.00	2.64						
TOMA016	37	22.78	118	37.39	2.70						
TOMA001	37	23.33	118	44.85	2.67						
TOMA002	37	22.74	118	43.98	2.71						
TOMA003	37	21.93	118	44.77	2.72						
TOMA004	37	21.84	118	44.04	2.72						
TOMA005	37	15.73	118	39.81	2.73						
TOMB001	37	24.83	118	43.76	2.62						
TOMB002	37	24.25	118	43.93	2.62						
TOMB003	37	23.38	118	43.53	2.59						
TOMB004	37	22.58	118	43.75	2.66						
TOMB005	37	22.18	118	43.31	2.61						
TOMB006	37	21.45	118	43.39	2.61						
TOMB007	37	21.22	118	42.66	2.59						
TOMB008	37	22.63	118	40.34	2.61						
TOMB009	37	21.82	118	40.97	2.61						
TOMB010	37	20.99	118	40.67	2.59						
TOMB011	37	21.46	118	39.28	2.62						
TOMB012	37	21.63	118	38.14	2.61						
TOMB013	37	20.42	118	37.91	2.64						
TOMB014	37	20.02	118	38.88	2.65						
TOMB015	37	19.84	118	39.41	2.66						
TOMB016	37	19.66	118	41.25	2.64						
TOMB017	37	19.63	118	40.78	2.62						
TOMB018	37	19.69	118	39.59	2.63						
TOMB019	37	19.05	118	39.72	2.62						
TOMB022	37	18.59	118	38.63	2.63						
TOMB023	37	17.87	118	40.67	2.62						
TOMB025	37	17.41	118	39.16	2.63						
TOMB027	37	16.76	118	39.12	2.63						
TOMB038	37	22.01	118	33.79	2.62						
TOMB039	37	21.46	118	30.72	2.64						
TOMB040	37	21.14	118	30.88	2.64						
TOMB041	37	20.81	118	33.97	2.62						
TOMB042	37	20.64	118	33.15	2.66						
TOMB043	37	20.42	118	31.68	2.61						
TOMB044	37	20.22	118	31.77	2.67						
TOMB045	37	18.15	118	35.50	2.62						
TOMB050	37	16.18	118	30.42	2.60						
TOMB053	37	15.54	118	31.10	2.63						
TOMB020	37	18.79	118	42.67	2.66						
TOMB021	37	18.24	118	43.24	2.64						
TOMB024	37	17.50	118	42.52	2.66						
TOMB026	37	16.79	118	41.94	2.68						
TOMB028	37	15.61	118	44.80	2.67						
TOMB029	37	15.05	118	43.88	2.68						
TOMB030	37	15.01	118	42.92	2.69						
TOMC002	37	28.02	118	44.86	2.61						
TOMC003	37	27.80	118	44.86	2.62						
TOMC004	37	21.15	118	44.83	2.62						
TOMC005	37	20.95	118	43.96	2.60						
TOMC006	37	20.61	118	41.61	2.62						
TOMC007	37	19.89	118	42.12	2.61						
TOMC008	37	19.64	118	44.22	2.59						
TOMC009	37	19.63	118	44.84	2.61						
TOMC010	37	18.94	118	44.22	2.61						
TOMC011	37	18.43	118	44.75	2.62						

TABLE 17.—*Bishop densities*

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
BISB046	37	19.02	118	27.96	2.65
BISB047	37	18.29	118	28.62	2.68
BISB048	37	17.67	118	27.54	2.67
BISB050	37	16.43	118	27.37	2.60
BISB054	37	15.49	118	29.31	2.60
BISB057	37	15.59	118	26.14	2.63
BISB058	37	15.32	118	25.76	2.64
BISC013	37	21.60	118	15.40	2.68
BISC036	37	18.86	118	27.70	2.60

TABLE 18.—Raymond densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
a001	37	8.77	119	54.80	2.75	b062	37	11.86	119	50.84	2.61
a002	37	12.17	119	54.40	2.76	b063	37	11.57	119	51.42	2.67
a003	37	12.71	119	52.79	2.68	b064	37	12.94	119	50.83	2.62
a004	37	14.14	119	53.44	2.75	b065	37	11.73	119	49.56	2.64
a005	37	11.61	119	53.36	2.74	b066	37	12.21	119	49.17	2.69
a006	37	12.49	119	52.59	2.67	b067	37	13.54	119	49.55	2.66
a018	37	10.21	119	54.23	2.78	b069	37	8.14	119	46.48	2.74
a019	37	9.21	119	54.09	2.70	b070	37	8.08	119	47.27	2.62
a024	37	11.17	119	57.20	2.73	b071	37	7.63	119	49.69	2.59
a025	37	11.24	119	55.87	2.68	b072	37	7.81	119	48.21	2.64
a026	37	11.72	119	55.30	2.70	b073	37	8.41	119	48.09	2.66
a027	37	12.53	119	55.50	2.70	b074	37	8.51	119	50.03	2.67
a028	37	13.71	119	55.13	2.72	b075	37	9.40	119	50.06	2.66
a051	37	9.20	119	54.68	2.73	b076	37	8.95	119	49.16	2.64
a052	37	9.87	119	54.67	2.76	b077	37	7.54	119	50.34	2.63
a053	37	14.79	119	54.06	2.71	b078	37	9.60	119	49.00	2.66
a054	37	11.92	119	52.79	2.66	b079	37	8.88	119	47.84	2.67
a059	37	9.98	119	53.39	2.66	b080	37	9.33	119	46.76	2.65
a060	37	9.06	119	53.10	2.59	b081	37	10.23	119	51.74	2.63
a061	37	14.08	119	57.65	2.74	b082	37	11.08	119	50.75	2.62
a062	37	13.43	119	56.75	2.73	c002	37	7.03	119	53.84	2.75
a063	37	14.85	119	57.09	2.65	c055	37	4.72	119	53.32	2.63
a064	37	12.34	119	55.65	2.70	c056	37	4.30	119	54.16	2.67
a065	37	14.93	119	55.44	2.72	c057	37	4.93	119	52.62	2.60
a066	37	14.30	119	55.16	2.71	c058	37	7.33	119	56.35	2.53
a067	37	12.67	119	57.74	2.77	c071	37	6.25	119	53.52	2.78
a069	37	12.57	119	58.61	2.77	c072	37	5.32	119	54.32	2.58
a072	37	11.98	119	58.14	2.70	c211	37	2.65	119	52.90	2.57
a073	37	12.07	119	57.62	2.76	d001	37	5.28	119	45.24	2.66
a075	37	13.95	119	56.27	2.72	d002	37	4.48	119	45.64	2.67
a078	37	13.38	119	59.09	2.79	d003	37	3.48	119	46.19	2.73
a079	37	12.21	119	54.52	2.79	d004	37	2.62	119	46.70	2.80
a082	37	14.62	119	59.18	2.78	d005	37	3.11	119	47.56	2.66
a083	37	13.81	119	59.09	2.75	d006	37	4.75	119	47.60	2.67
a098	37	10.91	119	54.43	2.72	d007	37	5.84	119	47.82	2.67
b001	37	14.33	119	47.19	2.76	d012	37	2.91	119	48.55	2.65
b002	37	14.31	119	49.50	2.76	d013	37	3.91	119	50.21	2.67
b003	37	13.37	119	46.05	2.68	d014	37	2.91	119	49.83	2.76
b004	37	12.41	119	46.84	2.75	d015	37	2.00	119	50.35	2.62
b005	37	13.77	119	45.92	2.69	d016	37	7.12	119	47.81	2.64
b005	37	14.54	119	51.27	2.75	d026	37	2.07	119	47.07	2.70
b007	37	10.12	119	47.83	2.67	d056	37	0.19	119	45.85	2.78
b008	37	11.71	119	47.26	2.77	d058	37	4.07	119	48.60	2.64
b009	37	10.97	119	47.42	2.74	d059	37	4.37	119	49.41	2.67
b010	37	10.79	119	49.37	2.63	d060	37	5.20	119	48.69	2.68
b011	37	10.62	119	48.57	2.62	d061	37	6.56	119	48.82	2.66
b012	37	10.62	119	46.49	2.74	d062	37	5.96	119	49.26	2.60
b013	37	10.06	119	46.37	2.62	d064	37	5.53	119	51.15	2.63
b014	37	10.56	119	45.33	2.66	d071	37	7.10	119	47.10	2.64
b015	37	11.24	119	45.61	2.70	d072	37	6.23	119	46.86	2.66
b016	37	11.51	119	45.62	2.68	d073	37	6.41	119	46.13	2.67
b017	37	12.16	119	45.26	2.70	d074	37	5.21	119	46.87	2.66
b018	37	12.08	119	46.43	2.65	d075	37	6.01	119	51.65	2.65
b019	37	11.49	119	46.82	2.69	d076	37	6.60	119	50.88	2.63
b020	37	13.69	119	51.11	2.64	d077	37	6.13	119	50.22	2.66
b021	37	13.40	119	47.57	2.59	d078	37	6.93	119	50.01	2.64
b022	37	13.72	119	47.15	2.74	d079	37	7.05	119	48.86	2.67
b023	37	12.45	119	48.05	2.67	d080	37	7.39	119	51.37	2.67
b024	37	13.24	119	46.74	2.77	d081	37	6.60	119	51.96	2.66
b025	37	13.08	119	52.35	2.67	d082	37	7.00	119	49.28	2.62
b026	37	13.53	119	52.02	2.75	d083	37	1.25	119	51.34	2.70
b052	37	8.75	119	51.03	2.70						
b053	37	9.10	119	50.94	2.67						
b054	37	10.31	119	50.03	2.66						
b055	37	12.55	119	47.30	2.74						
b056	37	11.69	119	48.18	2.71						
b057	37	11.65	119	48.45	2.65						
b058	37	11.58	119	48.59	2.67						
b059	37	14.29	119	52.40	2.73						
b060	37	11.01	119	52.05	2.67						

TABLE 19.—Millerton Lake densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
A001	37	10.73	119	37.70	2.67	B019	37	10.30	119	32.11	2.71
A002	37	10.10	119	38.26	2.67	B020	37	10.17	119	32.84	2.74
A003	37	9.45	119	38.72	2.65	B021	37	9.01	119	32.06	2.73
A004	37	9.20	119	39.39	2.67	B022	37	9.55	119	32.27	2.73
A005	37	9.09	119	39.79	2.64	B023	37	9.56	119	31.38	2.69
A006	37	14.70	119	42.28	2.66	B024	37	10.63	119	31.77	2.68
A007	37	13.09	119	42.48	2.63	B025	37	11.47	119	30.51	2.71
A008	37	12.89	119	41.39	2.78	B026	37	11.43	119	31.43	2.70
A009	37	13.04	119	40.56	2.71	B027	37	11.14	119	32.53	2.71
A010	37	13.22	119	40.37	2.67	B028	37	11.41	119	32.84	2.72
A011	37	13.78	119	42.37	2.64	B029	37	12.08	119	33.92	2.73
A013	37	12.39	119	42.83	2.67	B030	37	12.10	119	33.29	2.73
A014	37	10.89	119	43.69	2.69	B031	37	14.15	119	36.93	2.83
A015	37	9.71	119	43.56	2.67	B032	37	13.43	119	36.95	2.71
A016	37	9.45	119	43.71	2.78	B033	37	12.86	119	34.92	2.69
A017	37	9.65	119	44.71	2.66	B034	37	12.32	119	35.68	2.73
A018	37	8.44	119	44.81	2.79	B035	37	13.85	119	34.76	2.84
A019	37	8.79	119	43.88	2.77	B036	37	13.99	119	34.41	2.80
A020	37	8.16	119	43.92	2.76	B037	37	14.73	119	37.12	2.63
A021	37	14.82	119	43.68	2.68	B038	37	14.61	119	35.06	2.82
A023	37	8.17	119	42.34	2.69	B039	37	14.37	119	30.19	2.70
A024	37	9.71	119	41.94	2.76	B051	37	14.19	119	33.31	2.67
A025	37	8.99	119	43.29	2.71	B052	37	14.87	119	33.74	2.76
A027	37	9.48	119	41.03	2.74	B053	37	14.61	119	32.36	2.70
A028	37	9.65	119	40.33	2.66	B054	37	7.82	119	37.03	2.69
A029	37	9.12	119	44.79	2.74	B057	37	10.06	119	33.33	2.75
A030	37	14.41	119	38.97	2.75	B058	37	11.72	119	34.63	2.78
A032	37	13.63	119	38.31	2.76	B063	37	10.17	119	37.22	2.72
A033	37	14.74	119	38.74	2.60	B064	37	11.45	119	36.98	2.72
A034	37	14.26	119	37.74	2.63	B065	37	11.59	119	36.59	2.77
A035	37	14.56	119	40.12	2.72	B066	37	11.67	119	35.85	2.71
A053	37	8.07	119	39.37	2.70	B067	37	12.47	119	34.19	2.74
A055	37	9.04	119	38.46	2.73	B068	37	12.82	119	31.62	2.52
A056	37	13.91	119	39.10	2.65	B069	37	11.32	119	36.58	2.76
A058	37	12.90	119	38.76	2.64	B070	37	7.66	119	31.59	2.90
A059	37	12.10	119	37.73	2.74	B072	37	7.66	119	31.97	2.64
A059	37	12.78	119	39.92	2.75	B076	37	8.27	119	31.90	2.78
A060	37	11.94	119	40.23	2.64	B078	37	11.62	119	33.95	2.75
A061	37	12.29	119	39.13	2.74	B079	37	11.22	119	34.04	2.78
A063	37	13.94	119	40.02	2.67	B080	37	10.79	119	33.40	2.76
A064	37	14.28	119	40.75	2.60	B081	37	10.50	119	32.71	2.75
A067	37	13.46	119	41.33	2.62	B083	37	11.60	119	31.99	2.58
A068	37	12.01	119	41.26	2.62	B084	37	12.31	119	30.52	2.66
A069	37	11.14	119	41.04	2.58	B085	37	12.36	119	31.35	2.70
A070	37	10.45	119	41.62	2.61	B086	37	13.12	119	30.91	2.71
A071	37	10.42	119	40.23	2.64	B087	37	7.68	119	30.29	2.89
A072	37	11.24	119	40.16	2.60	B088	37	14.23	119	33.63	2.69
A073	37	11.14	119	42.13	2.62	B089	37	7.60	119	33.84	2.78
A074	37	11.05	119	38.05	2.63	B091	37	14.79	119	34.65	2.74
A076	37	10.47	119	39.20	2.68	B092	37	13.54	119	32.67	2.71
A077	37	10.61	119	42.79	2.68	B093	37	14.14	119	31.20	2.68
A078	37	9.84	119	42.84	2.62	B094	37	13.14	119	34.04	2.68
A079	37	9.99	119	44.65	2.70	B095	37	10.75	119	30.43	2.70
A080	37	10.84	119	44.86	2.67	C001	37	7.44	119	44.01	2.69
A081	37	11.94	119	44.45	2.66	C003	37	6.94	119	41.57	2.77
A082	37	13.38	119	43.45	2.82	C004	37	6.22	119	41.44	2.66
A083	37	12.88	119	44.24	2.68	C006	37	4.80	119	41.59	2.68
A084	37	12.89	119	44.80	2.76	C007	37	3.96	119	42.09	2.61
A085	37	14.85	119	43.58	2.62	C008	37	3.55	119	42.71	2.72
A086	37	14.12	119	43.51	2.60	C009	37	3.72	119	42.32	2.70
A112	37	11.79	119	42.99	2.69	C010	37	3.43	119	44.00	2.71
B002	37	8.79	119	30.11	2.77	C011	37	6.89	119	44.60	2.65
B003	37	9.89	119	30.89	2.72	C012	37	6.07	119	44.74	2.66
B004	37	12.48	119	32.22	2.73	C013	37	3.60	119	41.16	2.72
B006	37	12.59	119	33.52	2.75	C013	37	3.60	119	41.16	2.72
B007	37	11.13	119	37.27	2.79	C014	37	4.53	119	39.47	2.70
B011	37	8.40	119	36.99	2.70	C015	37	4.94	119	39.33	2.71
B012	37	8.19	119	36.22	2.73	C016	37	5.70	119	38.49	2.70
B016	37	8.15	119	35.17	2.80	C017	37	6.10	119	37.96	2.72
B017	37	9.02	119	35.91	2.76	C018	37	6.95	119	39.18	2.74

TABLE 19.—Millerton Lake densities—Continued

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
C020	37 7.25	119 43.08	2.75	D032	37 1.36	119 34.65	2.67
C021	37 7.29	119 43.38	2.67	D033	37 2.18	119 33.90	2.77
C022	37 6.73	119 40.66	2.78	D034	37 6.43	119 33.11	2.70
C023	37 1.12	119 41.58	2.72	D035	37 6.16	119 32.65	2.74
C024	37 2.84	119 42.85	2.72	D036	37 6.05	119 32.54	2.74
C029	37 1.38	119 39.68	2.72	D037	37 6.16	119 33.68	2.75
C030	37 1.63	119 40.53	2.73	D038	37 4.03	119 34.59	2.76
C031	37 1.34	119 41.04	2.74	D039	37 4.22	119 35.30	2.75
C034	37 0.56	119 38.57	2.78	D040	37 4.39	119 37.31	2.74
C040	37 0.37	119 39.20	2.75	D041	37 4.87	119 36.50	2.74
C042	37 6.31	119 43.08	2.68	D042	37 5.85	119 34.67	2.76
C043	37 6.32	119 43.78	2.67	D043	37 6.29	119 33.88	2.73
C045	37 4.62	119 40.80	2.69	D044	37 6.68	119 35.25	2.69
C046	37 5.78	119 40.54	2.77	D045	37 5.51	119 35.70	2.79
C047	37 6.39	119 42.32	2.67	D046	37 4.80	119 34.91	2.75
C048	37 3.61	119 37.62	2.66	D048	37 2.56	119 37.03	2.66
C050	37 2.75	119 38.10	2.70	D050	37 6.52	119 31.67	2.76
C061	37 3.31	119 42.97	2.77	D052	37 1.90	119 31.14	2.78
C060	37 3.91	119 40.11	2.60	D053	37 2.15	119 36.18	2.70
C065	37 3.14	119 39.80	2.61	D055	37 4.14	119 35.87	2.75
C080	37 2.41	119 42.55	2.74	D057	37 1.24	119 36.87	2.70
C081	37 2.63	119 42.24	2.59	D058	37 1.80	119 36.63	2.71
C082	37 2.54	119 41.45	2.64	D061	37 0.69	119 35.22	2.65
C084	37 2.22	119 43.23	2.64	D062	37 0.16	119 35.27	2.67
C085	37 2.79	119 43.15	2.71	D064	37 6.00	119 33.90	2.77
C086	37 3.32	119 44.30	2.69	D065	37 4.92	119 34.00	2.75
C087	37 2.58	119 44.89	2.62	D066	37 4.26	119 33.74	2.74
C088	37 4.72	119 42.89	2.68	D068	37 6.56	119 36.81	2.78
C089	37 4.79	119 42.43	2.66	D069	37 6.51	119 32.10	2.74
C090	37 4.98	119 44.42	2.64	D069	37 6.89	119 37.04	2.76
C091	37 4.57	119 43.76	2.68	D070	37 5.98	119 36.93	2.81
C092	37 5.18	119 40.64	2.71	D073	37 6.99	119 32.84	2.72
C093	37 4.84	119 41.18	2.69	D231	37 6.37	119 31.05	2.64
C152	37 7.18	119 39.47	2.74				
C153	37 6.49	119 38.29	2.68				
C154	37 6.55	119 39.72	2.75				
C155	37 0.34	119 40.24	2.77				
C156	37 2.45	119 38.49	2.68				
C157	37 5.77	119 38.20	2.70				
C158	37 4.36	119 36.43	2.69				
C160	37 3.76	119 37.87	2.74				
C161	37 3.59	119 38.39	2.77				
C162	37 4.12	119 38.99	2.70				
C168	37 3.16	119 41.60	2.73				
C169	37 3.24	119 40.45	2.64				
C201	37 5.60	119 44.14	2.64				
D001	37 1.63	119 31.34	2.77				
D002	37 0.53	119 31.73	2.74				
D003	37 0.06	119 35.23	2.66				
D005	37 6.38	119 32.17	2.79				
D006	37 6.18	119 32.15	2.64				
D007	37 5.98	119 32.13	2.75				
D008	37 5.47	119 33.20	2.77				
D009	37 5.42	119 32.08	2.78				
D010	37 3.67	119 30.04	2.73				
D011	37 5.79	119 30.27	2.76				
D012	37 2.73	119 30.38	2.77				
D013	37 1.77	119 31.89	2.75				
D016	37 0.60	119 35.04	2.63				
D017	37 0.02	119 31.54	2.71				
D018	37 0.84	119 33.02	2.76				
D019	37 0.86	119 34.44	2.82				
D020	37 1.80	119 35.76	2.72				
D021	37 3.22	119 33.84	2.76				
D022	37 2.95	119 31.79	2.78				
D023	37 2.93	119 32.35	2.78				
D024	37 3.06	119 36.48	2.74				
D027	37 0.24	119 36.97	2.70				
D029	37 7.45	119 31.03	2.85				
D031	37 6.86	119 30.06	2.72				

TABLE 20.—Shaver Lake densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
SL001	37	14.93	119	29.14	2.69	SL071	37	11.34	119	20.47	2.78
SL002	37	14.77	119	29.34	2.76	SL072	37	10.81	119	19.36	2.69
SL003	37	14.72	119	29.23	2.79	SL073	37	11.64	119	19.43	2.71
SL004	37	13.81	119	29.35	2.71	SL074	37	12.34	119	19.09	2.73
SL005	37	13.49	119	29.74	2.71	SL075	37	12.02	119	20.10	2.67
SL006	37	12.83	119	29.78	2.72	SL076	37	12.78	119	19.62	2.69
SL007	37	12.73	119	28.72	2.72	SL077	37	13.90	119	19.87	2.70
SL008	37	11.88	119	29.94	2.78	SL078	37	13.46	119	19.50	2.72
SL009	37	11.90	119	29.42	2.71	SL079	37	13.24	119	18.85	2.70
SL010	37	12.09	119	29.24	2.74	SL080	37	11.89	119	18.47	2.73
SL011	37	12.21	119	28.34	2.71	SL081	37	11.82	119	18.10	2.81
SL012	37	11.95	119	27.66	2.73	SL082	37	11.21	119	17.90	2.72
SL013	37	11.67	119	28.55	2.69	SL083	37	8.04	119	22.59	2.75
SL014	37	11.25	119	28.06	2.73	SL084	37	6.61	119	24.95	2.72
SL015	37	10.89	119	29.38	2.75	SL085	37	6.55	119	24.10	2.77
SL016	37	10.45	119	27.69	2.74	SL086	37	5.62	119	24.49	2.78
SL017	37	9.94	119	28.91	2.75	SL087	37	5.96	119	23.02	2.75
SL018	37	9.85	119	29.08	2.77	SL088	37	5.97	119	22.61	2.77
SL019	37	9.52	119	29.92	2.71	SL089	37	6.32	119	21.99	2.79
SL020	37	9.50	119	29.62	2.71	SL090	37	6.03	119	22.02	2.77
SL021	37	9.16	119	28.66	2.77	SL091	37	5.60	119	21.02	2.78
SL022	37	8.97	119	29.44	2.77	SL092	37	5.12	119	20.50	2.81
SL023	37	8.42	119	29.12	2.77	SL093	37	5.18	119	22.18	2.75
SL024	37	8.06	119	29.68	2.78	SL094	37	4.96	119	23.19	2.76
SL025	37	7.74	119	28.71	2.79	SL095	37	4.41	119	23.83	2.79
SL026	37	7.38	119	29.56	2.75	SL096	37	4.44	119	22.23	2.73
SL027	37	7.08	119	28.64	2.80	SL097	37	2.65	119	22.68	2.72
SL028	37	6.08	119	29.26	2.79	SL098	37	2.36	119	22.53	2.70
SL029	37	5.01	119	28.61	2.68	SL099	37	2.26	119	22.57	2.66
SL030	37	4.80	119	29.09	2.71	SL100	37	2.27	119	23.15	2.70
SL031	37	4.42	119	29.21	2.75	SL101	37	1.77	119	23.16	2.72
SL032	37	3.83	119	29.60	2.87	SL102	37	1.49	119	22.56	2.72
SL033	37	3.19	119	29.76	2.79	SL103	37	1.61	119	21.81	2.72
SL034	37	2.93	119	29.80	2.83	SL104	37	2.31	119	21.43	2.73
SL035	37	2.83	119	29.47	2.69	SL105	37	1.72	119	20.46	2.75
SL036	37	2.69	119	28.34	2.77	SL106	37	2.13	119	19.80	2.74
SL037	37	2.35	119	29.10	2.73	SL107	37	1.88	119	17.51	2.70
SL038	37	2.13	119	29.95	2.75	SL108	37	2.61	119	17.98	2.71
SL039	37	1.45	119	29.76	2.70	SL109	37	3.01	119	17.57	2.72
SL040	37	1.38	119	28.90	2.74	SL110	37	2.95	119	16.49	2.72
SL041	37	1.81	119	28.17	2.77	SL111	37	4.30	119	15.31	2.71
SL042	37	2.42	119	27.89	2.73	SL112	37	2.35	119	16.74	2.70
SL043	37	2.26	119	27.57	2.71	SL113	37	1.11	119	16.37	2.73
SL044	37	1.99	119	28.99	2.73	SL114	37	0.87	119	15.45	2.74
SL045	37	0.72	119	29.50	2.70	SL115	37	0.65	119	17.79	2.73
SL046	37	0.86	119	28.40	2.71	SL116	37	0.55	119	18.63	2.74
SL047	37	1.06	119	27.36	2.70	SL117	37	0.79	119	20.04	2.73
SL048	37	0.90	119	25.86	2.69	SL118	37	0.53	119	20.39	2.76
SL049	37	9.22	119	27.84	2.75	SL119	37	0.08	119	16.06	2.76
SL050	37	8.92	119	28.17	2.71	SL120	37	14.58	119	28.72	2.72
SL051	37	8.86	119	27.00	2.73	SL121	37	14.09	119	28.67	2.75
SL052	37	9.10	119	26.32	2.75	SL122	37	13.90	119	28.31	2.66
SL053	37	9.67	119	26.62	2.77	SL123	37	13.36	119	28.26	2.78
SL054	37	10.61	119	26.02	2.79	SL124	37	13.25	119	27.72	2.79
SL055	37	11.00	119	25.44	2.73	SL125	37	13.40	119	27.51	2.79
SL056	37	10.14	119	25.97	2.73	SL126	37	13.31	119	27.04	2.78
SL057	37	9.92	119	25.02	2.67	SL127	37	12.60	119	26.57	2.73
SL058	37	10.66	119	24.67	2.72	SL128	37	12.14	119	26.93	2.81
SL059	37	10.25	119	23.80	2.69	SL129	37	11.63	119	26.59	2.61
SL060	37	9.31	119	25.12	2.77	SL130	37	11.89	119	26.02	2.73
SL061	37	9.49	119	24.29	2.72	SL131	37	12.18	119	27.73	2.72
SL062	37	9.06	119	24.16	2.64	SL132	37	8.06	119	25.80	2.69
SL063	37	9.52	119	23.22	2.73	SL133	37	6.48	119	27.94	2.68
SL064	37	8.38	119	23.48	2.69	SL134	37	5.93	119	27.97	2.73
SL065	37	8.68	119	23.19	2.76	SL135	37	5.02	119	28.59	2.68
SL066	37	10.17	119	22.81	2.80	SL136	37	4.71	119	27.63	2.68
SL067	37	11.70	119	21.95	2.72	SL137	37	3.89	119	28.17	2.71
SL068	37	10.74	119	21.54	2.74	SL138	37	3.78	119	27.48	2.74
SL069	37	10.09	119	21.35	2.74	SL139	37	3.83	119	27.17	2.71
SL070	37	10.16	119	21.29	2.75	SL140	37	3.61	119	27.02	2.70

TABLE 20.—Shaver Lake densities—Continued

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
SL141	37	3.09	119	27.37	2.75	SL211	37	3.27	119	26.49	2.64
SL142	37	2.47	119	26.36	2.73	SL212	37	3.10	119	24.49	2.64
SL143	37	0.54	119	24.20	2.80	SL213	37	3.31	119	23.23	2.65
SL144	37	0.79	119	24.16	2.74	SL214	37	3.74	119	22.35	2.62
SL145	37	2.19	119	24.39	2.71	SL215	37	3.41	119	22.17	2.60
SL146	37	2.30	119	23.67	2.78	SL216	37	2.41	119	24.47	2.63
SL147	37	2.19	119	23.57	2.70	SL217	37	2.42	119	24.98	2.64
SL148	37	1.36	119	23.31	2.73	SL218	37	2.53	119	25.36	2.62
SL149	37	0.54	119	23.05	2.74	SL219	37	2.43	119	25.11	2.67
SL150	37	0.34	119	22.63	2.70	SL220	37	1.72	119	24.76	2.65
SL151	37	9.75	119	22.05	2.77	SL221	37	10.16	119	28.48	2.62
SL152	37	9.45	119	22.26	2.73	SL222	37	14.15	119	22.55	2.82
SL153	37	9.27	119	22.82	2.81	SL223	37	14.06	119	21.65	2.80
SL154	37	7.84	119	23.59	2.77	SL224	37	13.52	119	22.33	2.79
SL155	37	5.93	119	24.83	2.77	SL225	37	13.36	119	22.13	2.76
SL156	37	4.75	119	24.94	2.77	SL226	37	14.06	119	20.57	2.80
SL157	37	3.70	119	23.50	2.72	SL227	37	13.39	119	20.42	2.82
SL158	37	14.95	119	27.77	2.68	SL228	37	12.95	119	21.50	2.82
SL159	37	14.77	119	27.97	2.65	SL229	37	14.89	119	19.98	2.65
SL160	37	14.09	119	27.79	2.67	SL230	37	14.53	119	20.06	2.69
SL161	37	14.28	119	26.94	2.66	SL231	37	14.61	119	19.45	2.66
SL162	37	13.42	119	27.02	2.68	SL232	37	13.70	119	17.73	2.70
SL163	37	13.40	119	25.44	2.69	SL233	37	13.05	119	17.97	2.70
SL164	37	13.76	119	23.85	2.63	SL234	37	11.82	119	17.67	2.72
SL165	37	13.42	119	22.66	2.68	SL235	37	11.53	119	17.48	2.70
SL166	37	12.95	119	22.66	2.66	SL236	37	11.41	119	16.65	2.70
SL167	37	12.54	119	22.21	2.78	SL237	37	11.04	119	16.42	2.66
SL168	37	12.65	119	22.03	2.79	SL238	37	11.89	119	16.20	2.72
SL169	37	13.97	119	22.87	2.76	SL239	37	12.61	119	15.89	2.83
SL170	37	12.21	119	22.91	2.67	SL240	37	13.71	119	15.33	2.70
SL171	37	12.81	119	24.13	2.69	SL241	37	14.38	119	15.21	2.70
SL172	37	12.50	119	24.05	2.71	SL242	37	14.69	119	16.20	2.66
SL173	37	12.19	119	24.96	2.69	SL243	37	12.02	119	15.12	2.66
SL174	37	11.70	119	25.41	2.72	SL244	37	11.66	119	15.10	2.66
SL175	37	11.45	119	25.69	2.68	SL245	37	10.73	119	16.00	2.73
SL176	37	11.27	119	25.22	2.66	SL246	37	10.76	119	17.13	2.70
SL177	37	11.23	119	24.82	2.86	SL247	37	10.36	119	17.03	2.79
SL178	37	11.58	119	24.63	2.63	SL248	37	9.84	119	15.71	2.79
SL179	37	11.19	119	23.03	2.62	SL249	37	9.00	119	15.18	2.77
SL180	37	14.88	119	27.16	2.70	SL250	37	8.90	119	15.89	2.78
SL181	37	14.94	119	26.18	2.78	SL251	37	9.10	119	16.49	2.79
SL182	37	14.48	119	26.35	2.76	SL252	37	9.56	119	16.69	2.73
SL183	37	14.19	119	25.95	2.71	SL253	37	9.35	119	17.74	2.70
SL184	37	14.52	119	24.90	2.78	SL254	37	9.00	119	18.08	2.77
SL185	37	14.93	119	24.27	2.72	SL255	37	8.85	119	18.21	2.71
SL186	37	14.99	119	22.94	2.61	SL256	37	8.76	119	18.27	2.67
SL187	37	14.84	119	21.10	2.72	SL257	37	7.59	119	18.20	2.77
SL188	37	14.89	119	20.54	2.70	SL258	37	7.53	119	19.03	2.74
SL189	37	14.55	119	21.60	2.61	SL259	37	6.96	119	18.93	2.78
SL190	37	14.55	119	21.79	2.66	SL260	37	6.76	119	17.42	2.76
SL191	37	14.40	119	22.66	2.75	SL261	37	6.51	119	18.35	2.77
SL192	37	13.98	119	23.89	2.68	SL262	37	6.08	119	19.07	2.77
SL193	37	8.67	119	25.06	2.76	SL263	37	5.73	119	18.16	2.80
SL194	37	8.25	119	25.81	2.76	SL264	37	5.76	119	17.68	2.80
SL195	37	7.70	119	26.06	2.62	SL265	37	5.41	119	18.92	2.79
SL196	37	7.70	119	26.06	2.65	SL266	37	5.12	119	19.38	2.75
SL197	37	11.62	119	26.36	2.61	SL267	37	4.78	119	19.69	2.71
SL198	37	5.88	119	17.26	2.62	SL268	37	4.78	119	20.03	2.73
SL199	37	8.30	119	23.37	2.65	SL269	37	4.61	119	20.43	2.72
SL200	37	8.03	119	24.45	2.71	SL270	37	4.45	119	20.55	2.69
SL201	37	6.75	119	26.90	2.65	SL271	37	4.25	119	20.50	2.76
SL202	37	6.81	119	25.63	2.58	SL272	37	4.02	119	20.11	2.66
SL203	37	5.99	119	27.22	2.67	SL273	37	4.07	119	21.28	2.52
SL204	37	5.93	119	26.38	2.66	SL274	37	3.11	119	21.13	3.29
SL205	37	5.35	119	27.73	2.72	SL275	37	2.61	119	21.04	2.68
SL206	37	5.29	119	25.95	2.61	SL276	37	2.67	119	21.44	2.66
SL207	37	4.92	119	27.14	2.61	SL277	37	3.00	119	20.12	2.71
SL208	37	4.65	119	27.26	2.64	SL278	37	2.67	119	18.80	2.74
SL209	37	3.85	119	27.03	2.72	SL279	37	3.37	119	19.39	2.68
SL210	37	3.38	119	26.24	2.59	SL280	37	3.24	119	18.67	2.70

TABLE 20.—Shaver Lake densities—Continued

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
SL281	37	4.11	119	17.88	2.69	SL351	37	9.35	119	18.39	2.63
SL282	37	4.38	119	18.79	2.73	SL352	37	8.33	119	22.68	3.00
SL283	37	4.90	119	18.09	2.79	SL353	37	4.40	119	23.97	2.68
SL284	37	5.10	119	17.18	2.76	SL354	37	1.61	119	23.46	2.64
SL285	37	5.70	119	15.65	2.78	SL355	37	3.24	119	17.56	2.69
SL286	37	5.93	119	15.03	2.77	SL356	37	6.41	119	20.68	2.64
SL287	37	6.48	119	15.23	2.74	SL357	37	3.38	119	21.66	3.11
SL288	37	7.17	119	15.80	2.73	SL358	37	3.56	119	21.59	2.87
SL289	37	4.70	119	16.08	2.74	S144	37	14.84	119	19.24	2.67
SL290	37	4.44	119	16.55	2.74						
SL291	37	14.78	119	19.22	2.66						
SL292	37	14.85	119	18.74	2.65						
SL293	37	15.00	119	17.77	2.67						
SL294	37	14.54	119	17.71	2.64						
SL295	37	13.95	119	17.71	2.65						
SL296	37	14.75	119	16.70	2.66						
SL297	37	13.72	119	16.04	2.65						
SL298	37	13.57	119	16.55	2.65						
SL299	37	13.57	119	16.53	2.65						
SL300	37	14.00	119	15.70	2.67						
SL301	37	13.21	119	15.42	2.67						
SL302	37	12.51	119	15.32	2.66						
SL303	37	12.33	119	15.58	2.60						
SL304	37	11.79	119	15.64	2.77						
SL305	37	11.24	119	15.13	2.68						
SL306	37	11.20	119	15.41	2.73						
SL307	37	11.32	119	15.53	2.67						
SL308	37	14.29	119	20.08	2.69						
SL309	37	14.05	119	19.81	2.72						
SL310	37	14.08	119	19.06	2.69						
SL311	37	13.51	119	18.30	2.80						
SL312	37	12.87	119	18.31	2.77						
SL313	37	11.07	119	18.24	2.66						
SL314	37	10.96	119	17.79	2.67						
SL315	37	10.29	119	18.38	2.67						
SL316	37	10.28	119	17.54	2.66						
SL317	37	9.69	119	19.14	2.66						
SL318	37	9.23	119	19.19	2.64						
SL319	37	8.79	119	18.39	2.65						
SL320	37	8.36	119	18.68	2.64						
SL321	37	7.98	119	19.13	2.65						
SL322	37	8.12	119	20.38	2.66						
SL323	37	8.60	119	20.26	2.65						
SL324	37	9.33	119	20.85	2.65						
SL325	37	9.42	119	20.04	2.68						
SL326	37	9.44	119	19.69	2.68						
SL327	37	9.98	119	20.40	2.66						
SL328	37	10.06	119	20.84	2.74						
SL329	37	8.74	119	21.70	2.68						
SL330	37	8.64	119	22.32	2.81						
SL331	37	7.64	119	21.78	2.71						
SL332	37	6.93	119	21.79	2.72						
SL333	37	6.98	119	22.57	2.78						
SL334	37	8.12	119	21.29	2.65						
SL335	37	7.06	119	20.85	2.69						
SL336	37	7.18	119	19.98	2.66						
SL337	37	6.42	119	19.89	2.63						
SL338	37	5.56	119	20.15	2.62						
SL339	37	1.36	119	22.95	2.78						
SL340	37	1.28	119	22.38	2.73						
SL341	37	0.68	119	22.15	2.64						
SL342	37	0.34	119	22.15	2.66						
SL343	37	0.15	119	21.34	2.60						
SL344	37	0.05	119	21.20	2.77						
SL345	37	3.01	119	23.11	2.70						
SL346	37	0.07	119	25.54	2.69						
SL347	37	0.04	119	25.91	2.72						
SL348	37	0.68	119	27.47	2.61						
SL349	37	0.04	119	28.73	2.72						
SL350	37	0.47	119	29.69	2.81						

TABLE 21.—Huntington Lake densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
HL001	37 14.99	119 13.99	2.69	HL071	37 5.72	119 9.68	2.74
HL002	37 14.91	119 13.99	2.69	HL072	37 5.33	119 9.32	2.78
HL003	37 14.71	119 14.88	2.70	HL073	37 4.48	119 8.39	2.77
HL004	37 13.91	119 14.84	2.71	HL074	37 4.20	119 8.46	2.77
HL005	37 14.30	119 14.25	2.66	HL075	37 3.91	119 9.42	2.75
HL006	37 14.65	119 13.14	2.70	HL076	37 4.26	119 12.12	2.74
HL007	37 14.94	119 12.61	2.69	HL077	37 5.85	119 12.69	2.68
HL008	37 14.92	119 11.99	2.70	HL078	37 5.89	119 12.76	2.71
HL009	37 14.90	119 11.43	2.69	HL079	37 7.19	119 14.01	2.72
HL010	37 14.64	119 11.94	2.79	HL080	37 8.24	119 13.91	2.72
HL011	37 14.60	119 12.58	2.74	HL081	37 5.43	119 14.82	2.71
HL012	37 14.30	119 13.16	2.76	HL082	37 5.20	119 13.54	2.77
HL013	37 13.60	119 14.04	2.73	HL083	37 4.82	119 13.84	2.78
HL014	37 13.94	119 13.08	2.74	HL084	37 4.31	119 13.81	2.78
HL015	37 13.81	119 12.69	2.73	HL085	37 4.11	119 13.35	2.77
HL016	37 13.90	119 11.62	2.72	HL086	37 3.18	119 12.52	2.84
HL017	37 13.73	119 11.03	2.74	HL087	37 3.08	119 10.94	2.76
HL018	37 13.92	119 9.93	2.73	HL088	37 3.19	119 10.01	2.79
HL019	37 14.59	119 9.81	2.73	HL089	37 3.41	119 8.57	2.77
HL020	37 14.71	119 9.29	2.73	HL090	37 4.06	119 7.95	2.81
HL021	37 14.66	119 8.73	2.72	HL091	37 4.23	119 6.20	2.81
HL022	37 14.25	119 9.58	2.72	HL092	37 3.76	119 7.27	2.78
HL023	37 14.15	119 9.59	2.72	HL093	37 3.05	119 7.05	2.78
HL024	37 14.12	119 9.43	2.68	HL094	37 2.86	119 7.39	2.75
HL025	37 13.95	119 9.69	2.67	HL095	37 2.31	119 6.55	2.73
HL026	37 13.90	119 8.55	2.67	HL096	37 1.43	119 3.92	2.76
HL027	37 13.35	119 9.20	2.68	HL097	37 1.11	119 3.39	2.78
HL028	37 12.97	119 10.31	2.67	HL098	37 1.72	119 3.05	2.80
HL029	37 13.54	119 11.45	2.76	HL099	37 1.95	119 1.82	2.77
HL030	37 13.32	119 12.16	2.76	HL100	37 1.52	119 2.42	2.78
HL031	37 13.15	119 13.43	2.61	HL101	37 1.16	119 1.85	2.80
HL032	37 13.14	119 13.40	2.74	HL102	37 0.73	119 2.87	2.78
HL033	37 12.90	119 14.19	2.76	HL103	37 0.61	119 2.24	2.78
HL034	37 12.88	119 12.03	2.78	HL104	37 0.11	119 2.67	2.78
HL035	37 13.06	119 11.42	2.77	HL105	37 12.46	119 10.23	2.67
HL036	37 12.35	119 12.25	2.78	HL106	37 12.13	119 11.66	2.67
HL037	37 12.02	119 13.25	2.72	HL107	37 11.80	119 11.54	2.66
HL038	37 12.16	119 12.79	2.67	HL108	37 12.00	119 10.32	2.67
HL039	37 11.94	119 12.55	2.68	HL109	37 12.01	119 9.65	2.64
HL040	37 11.62	119 11.98	2.77	HL110	37 12.49	119 9.43	2.63
HL041	37 11.57	119 12.10	2.78	HL111	37 12.29	119 9.12	2.66
HL042	37 10.77	119 12.09	2.78	HL112	37 11.95	119 8.92	2.66
HL043	37 10.10	119 12.74	2.74	HL113	37 11.69	119 9.20	2.63
HL044	37 9.49	119 13.37	2.78	HL114	37 11.91	119 8.52	2.67
HL045	37 9.45	119 13.62	2.79	HL115	37 12.06	119 8.70	2.67
HL046	37 9.34	119 13.92	2.79	HL116	37 12.52	119 8.47	2.66
HL047	37 9.42	119 14.74	2.77	HL117	37 13.06	119 8.30	2.66
HL048	37 9.28	119 14.86	2.75	HL118	37 11.69	119 7.51	2.65
HL049	37 8.61	119 14.80	2.74	HL119	37 11.03	119 5.97	2.68
HL050	37 8.69	119 14.63	2.75	HL120	37 13.87	119 4.49	2.64
HL051	37 9.15	119 12.62	2.72	HL121	37 12.50	119 1.84	2.68
HL052	37 9.55	119 12.52	2.74	HL122	37 8.18	119 2.38	2.66
HL053	37 9.87	119 12.07	2.73	HL123	37 12.51	119 5.45	2.73
HL054	37 10.63	119 11.86	2.71	HL124	37 12.38	119 5.25	2.72
HL055	37 11.45	119 11.66	2.75	HL125	37 12.19	119 4.82	2.72
HL056	37 10.10	119 10.19	2.71	HL126	37 10.59	119 2.86	2.70
HL057	37 9.40	119 9.84	2.71	HL127	37 10.35	119 2.98	2.76
HL058	37 8.79	119 9.94	2.67	HL128	37 10.34	119 3.32	2.64
HL059	37 8.81	119 9.29	2.68	HL129	37 10.47	119 1.29	2.63
HL060	37 8.95	119 8.38	2.72	HL130	37 10.74	119 0.62	2.63
HL061	37 8.13	119 8.39	2.73	HL131	37 10.67	119 0.37	2.64
HL062	37 9.37	119 7.31	2.72	HL132	37 14.73	119 8.06	2.63
HL063	37 9.72	119 6.11	2.69	HL133	37 14.96	119 6.76	2.72
HL064	37 9.83	119 6.26	2.65	HL134	37 14.05	119 6.16	2.71
HL065	37 10.39	119 6.85	2.70	HL135	37 14.62	119 2.54	2.69
HL066	37 10.59	119 8.76	2.70	HL136	37 14.02	119 2.79	2.70
HL067	37 8.26	119 9.84	2.66	HL137	37 13.29	119 2.56	2.70
HL068	37 7.41	119 9.66	2.66	HL138	37 13.17	119 3.62	2.71
HL069	37 7.01	119 10.39	2.66	HL139	37 12.73	119 4.32	2.71
HL070	37 6.68	119 9.65	2.77	HL140	37 12.34	119 4.14	2.62

TABLE 21.—Huntington Lake densities—Continued

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
HL141	37 11.42	119 5.02	2.68	HL211	37 9.73	119 5.82	2.57
HL142	37 11.01	119 4.34	2.69	HL212	37 9.23	119 3.19	2.62
HL143	37 11.25	119 4.20	2.67	HL213	37 9.07	119 3.17	2.62
HL144	37 10.94	119 0.03	2.64	HL214	37 8.78	119 2.43	2.63
HL145	37 9.46	119 0.40	2.64	HL215	37 8.61	119 2.81	2.63
HL146	37 7.91	119 0.25	2.68	HL216	37 8.83	119 3.69	2.62
HL147	37 10.45	119 14.94	2.67	HL217	37 8.58	119 3.55	2.60
HL148	37 10.35	119 14.97	2.65	HL218	37 9.07	119 4.35	2.65
HL149	37 9.94	119 14.53	2.64	HL219	37 8.04	119 3.25	2.64
HL150	37 9.82	119 13.51	2.62	HL220	37 7.35	119 3.01	2.64
HL151	37 10.30	119 13.24	2.71	HL221	37 7.18	119 2.89	2.69
HL152	37 10.58	119 14.63	2.70	HL222	37 6.99	119 0.29	2.69
HL153	37 10.97	119 14.97	2.75	HL223	37 6.48	119 0.80	2.65
HL154	37 11.09	119 13.99	2.68	HL224	37 5.94	119 0.31	2.70
HL155	37 14.98	119 13.45	2.60	HL225	37 6.47	119 2.74	2.67
HL156	37 14.96	119 13.27	2.64	HL226	37 6.39	119 3.73	2.68
HL157	37 14.66	119 13.62	2.69	HL227	37 6.45	119 2.87	2.70
HL158	37 14.80	119 13.54	2.66	HL228	37 5.93	119 3.15	2.70
HL159	37 13.70	119 14.16	2.63	HL229	37 5.66	119 2.92	2.70
HL160	37 13.75	119 14.08	2.63	HL230	37 5.00	119 1.96	2.68
HL161	37 12.88	119 14.37	2.64	HL231	37 6.02	119 2.27	2.64
HL162	37 12.68	119 14.87	2.62	HL232	37 6.16	119 1.68	2.68
HL163	37 12.68	119 14.17	2.63	HL233	37 6.00	119 1.66	2.66
HL164	37 12.35	119 14.85	2.68	HL234	37 5.56	119 0.85	2.65
HL165	37 12.08	119 14.92	2.62	HL235	37 5.39	119 1.24	2.66
HL166	37 11.65	119 14.32	2.69	HL236	37 5.02	119 0.78	2.65
HL167	37 12.05	119 14.41	2.64	HL237	37 5.08	119 0.32	2.66
HL168	37 12.30	119 13.99	2.63	HL238	37 3.93	119 0.26	2.65
HL169	37 12.21	119 13.64	2.62	HL239	37 4.49	119 1.71	2.64
HL170	37 12.66	119 13.40	2.67	HL240	37 4.33	119 0.98	2.69
HL171	37 12.70	119 13.27	2.63	HL241	37 4.10	119 0.75	2.62
HL172	37 12.86	119 13.20	2.68	HL242	37 3.12	119 0.56	2.62
HL173	37 13.01	119 12.55	2.63	HL243	37 3.04	119 0.03	2.64
HL174	37 9.85	119 11.91	2.64	HL244	37 2.49	119 0.98	2.60
HL175	37 8.73	119 11.54	2.59	HL245	37 2.47	119 1.29	2.69
HL176	37 8.26	119 12.28	2.62	HL246	37 2.41	119 1.37	2.66
HL177	37 7.23	119 10.66	2.61	HL247	37 2.20	119 1.31	2.62
HL178	37 7.00	119 10.70	2.61	HL248	37 3.78	119 5.66	2.68
HL179	37 6.33	119 12.17	2.61	HL249	37 3.22	119 5.06	2.70
HL180	37 5.63	119 11.04	2.61	HL250	37 2.91	119 4.65	2.69
HL181	37 5.04	119 11.80	2.58	HL251	37 3.16	119 2.90	2.69
HL182	37 5.06	119 9.95	2.60	HL252	37 2.14	119 4.04	2.69
HL183	37 4.68	119 10.24	2.60	HL253	37 3.31	119 3.65	2.64
HL184	37 4.37	119 10.58	2.60	HL254	37 3.11	119 3.65	2.61
HL185	37 3.98	119 14.35	2.73	HL255	37 2.80	119 3.98	2.65
HL186	37 3.12	119 14.04	2.72	HL256	37 2.52	119 3.90	2.62
HL187	37 1.48	119 13.03	2.72	HL257	37 2.55	119 3.20	2.64
HL188	37 1.55	119 14.09	2.73	HL258	37 2.41	119 3.20	2.61
HL189	37 0.05	119 12.95	2.73	HL259	37 2.37	119 3.43	2.61
HL190	37 1.69	119 12.16	2.69	HL260	37 2.68	119 5.14	2.63
HL191	37 1.46	119 11.43	2.70	HL261	37 6.82	119 9.09	2.61
HL192	37 1.05	119 11.46	2.70	HL262	37 6.88	119 8.74	2.65
HL193	37 2.39	119 9.37	2.72	HL263	37 6.91	119 7.87	2.64
HL194	37 1.83	119 9.34	2.72	HL264	37 6.73	119 8.21	2.64
HL195	37 2.56	119 8.14	2.62	HL265	37 6.59	119 7.65	2.63
HL196	37 1.66	119 8.71	2.62	HL266	37 6.49	119 8.80	2.65
HL197	37 1.73	119 8.08	2.86	HL267	37 6.26	119 7.80	2.64
HL198	37 1.02	119 8.25	2.65	HL268	37 6.14	119 8.39	2.63
HL199	37 0.67	119 8.10	2.64	HL269	37 5.93	119 7.40	2.64
HL200	37 0.20	119 8.12	2.67	HL270	37 5.75	119 6.70	2.64
HL201	37 0.82	119 7.11	2.70	HL271	37 5.39	119 8.16	2.62
HL202	37 1.45	119 5.56	2.70	HL272	37 5.18	119 7.28	2.64
HL203	37 0.57	119 5.55	2.69	HL273	37 4.80	119 8.10	2.64
HL204	37 0.98	119 6.84	2.69	HL274	37 4.86	119 7.15	2.63
HL205	37 0.60	119 6.74	2.60	HL275	37 5.30	119 6.66	2.62
HL206	37 10.93	119 5.70	2.61	HL276	37 5.14	119 5.89	2.63
HL207	37 10.91	119 5.36	2.61	HL277	37 5.41	119 5.29	2.63
HL208	37 10.51	119 3.95	2.61	HL278	37 6.90	119 7.12	2.63
HL209	37 9.82	119 3.36	2.62	HL279	37 6.80	119 5.66	2.63
HL210	37 9.92	119 5.17	2.60	HL280	37 6.52	119 5.80	2.64

TABLE 21.—*Huntington Lake densities—Continued*

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
HL281	37	6.16	119	6.46	2.63
HL282	37	5.77	119	5.86	2.64
HL283	37	6.10	119	5.49	2.63
HL284	37	6.26	119	4.53	2.63
HL285	37	5.83	119	3.86	2.63
HL286	37	5.60	119	4.22	2.63
HL287	37	5.52	119	3.64	2.63
HL288	37	5.46	119	3.22	2.65
HL289	37	5.13	119	4.53	2.63
HL290	37	4.95	119	4.22	2.67
HL291	37	4.75	119	4.91	2.65
HL292	37	5.18	119	2.55	2.68
HL293	37	4.67	119	5.09	2.62
HL294	37	4.38	119	4.98	2.63
HL295	37	3.63	119	2.59	2.71
HL296	37	2.27	119	8.91	2.62
HL297	37	13.62	119	6.78	2.65
HL298	37	13.55	119	6.71	2.66
HL299	37	13.22	119	6.99	2.63
HL300	37	13.55	119	6.28	2.62
HL301	37	13.09	119	6.08	2.62
HL302	37	13.08	119	6.58	2.60
HL303	37	13.02	119	6.38	2.61
HL304	37	12.69	119	6.50	2.61
HL305	37	12.30	119	6.17	2.64
HL306	37	9.39	119	8.55	2.69
HL307	37	12.91	119	13.84	2.69
KP128	37	15.00	119	0.35	2.70

TABLE 22.—Blackcap Mountain densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
BLK044	37	14.07	118	58.59	2.61	BLK128	37	9.41	118	58.73	2.63
BLK046	37	14.73	118	57.22	2.71	BLK129	37	8.98	118	58.16	2.59
BLK047	37	14.85	118	56.49	2.65	BLK003	37	14.90	118	49.80	2.67
BLK048	37	14.56	118	56.56	2.69	BLK004	37	14.69	118	49.43	2.73
BLK049	37	14.76	118	56.16	2.67	BLK005	37	14.67	118	49.24	2.67
BLK050	37	14.93	118	55.27	2.73	BLK006	37	14.72	118	48.87	2.69
BLK043	37	13.37	118	59.31	2.68	BLK007	37	13.76	118	48.22	2.69
BLK045	37	12.82	118	58.51	2.71	BLK008	37	13.63	118	48.15	2.71
BLK042	37	12.71	118	59.88	2.68	BLK009	37	13.52	118	47.45	2.74
BLK051	37	12.23	118	57.83	2.69	BLK010	37	13.05	118	46.98	2.69
BLK052	37	11.52	118	57.88	2.68	BLK011	37	12.65	118	47.50	2.68
BLK055	37	11.62	118	56.58	2.67	BLK012	37	13.24	118	46.23	2.75
BLK057	37	12.01	118	55.26	2.63	BLK002	37	13.83	118	45.92	2.73
BLK058	37	12.48	118	54.55	2.66	BLK013	37	12.99	118	45.76	2.75
BLK056	37	13.69	118	55.07	2.67	BLK014	37	12.52	118	46.05	2.67
BLK059	37	13.14	118	54.14	2.68	BLK015	37	11.78	118	45.13	2.72
BLK062	37	12.81	118	53.17	2.70	BLK001	37	14.41	118	45.58	2.68
BLK063	37	12.80	118	52.68	2.72	BLK019	37	12.93	118	50.64	2.71
BLK066	37	12.63	118	51.62	2.68	BLK020	37	12.68	118	49.92	2.64
BLK061	37	12.41	118	53.56	2.69	BLK021	37	11.50	118	49.39	2.74
BLK065	37	12.18	118	52.79	2.72	BLK022	37	11.69	118	48.74	2.68
BLK069	37	11.78	118	52.10	2.71	BLK023	37	11.00	118	48.62	2.65
BLK068	37	11.59	118	52.60	2.68	BLK024	37	10.35	118	48.25	2.69
BLK067	37	11.40	118	53.08	2.78	BLK025	37	8.77	118	47.49	2.61
BLK060	37	11.59	118	55.16	2.64	BLK026	37	8.26	118	46.76	2.63
BLK064	37	10.90	118	54.79	2.66	BLK027	37	7.07	118	46.85	2.61
BLK064	37	10.05	118	56.84	2.65	BLK028	37	7.21	118	46.37	2.62
BLK053	37	10.08	118	58.72	2.63	BLK029	37	6.85	118	46.24	2.73
BLK070	37	11.04	118	51.90	2.71	BLK030	37	6.18	118	46.63	2.70
BLK072	37	11.39	118	51.04	2.73	BLK031	37	6.31	118	45.61	2.75
BLK071	37	11.90	118	50.56	2.67	BLK032	37	5.54	118	45.84	2.68
BLK074	37	11.23	118	50.44	2.73	BLK143	37	4.90	118	46.01	2.76
BLK073	37	11.10	118	50.79	2.72	BLK033	37	4.86	118	46.04	2.64
BLK081	37	10.23	118	49.88	2.65	BLK034	37	4.63	118	46.06	2.63
BLK080	37	9.40	118	51.64	2.72	BLK035	37	4.02	118	45.32	2.63
BLK082	37	8.89	118	50.03	2.68	BLK016	37	10.06	118	45.38	2.60
BLK094	37	8.50	118	48.48	2.64	BLK017	37	9.87	118	45.06	2.60
BLK095	37	8.14	118	47.63	2.66	BLK018	37	14.95	118	52.79	2.62
BLK093	37	7.71	118	48.95	2.63	BLK133	37	3.96	118	57.95	2.62
BLK096	37	7.01	118	47.32	2.67	BLK134	37	3.28	118	57.77	2.63
BLK092	37	6.53	118	50.88	2.69	BLK135	37	0.19	118	54.87	2.63
BLK098	37	5.89	118	49.53	2.66	BLK132	37	0.03	118	53.58	2.63
BLK099	37	5.44	118	47.34	2.66	BLK037	37	2.58	118	50.37	2.64
BLK100	37	4.48	118	47.55	2.67	BLK038	37	2.69	118	49.70	2.63
BLK101	37	4.07	118	47.17	2.67	BLK039	37	1.30	118	47.73	2.63
BLK111	37	1.20	118	46.08	2.69	BLK040	37	1.09	118	45.42	2.63
BLK076	37	5.98	118	59.90	2.68	BLK041	37	0.97	118	45.10	2.63
BLK075	37	4.91	118	59.93	2.71	BLK112	37	5.40	118	58.99	2.68
BLK078	37	7.14	118	57.31	2.62	BLK117	37	4.75	118	58.06	2.72
BLK079	37	6.58	118	56.18	2.60	BLK116	37	4.69	118	58.17	2.72
BLK083	37	6.71	118	55.32	2.62	BLK115	37	4.62	118	58.26	2.72
BLK084	37	4.99	118	58.11	2.66	BLK114	37	4.54	118	58.38	2.70
BLK085	37	4.97	118	57.46	2.67	BLK113	37	4.47	118	58.38	2.69
BLK086	37	4.83	118	57.62	2.70	BLK130	37	4.39	118	59.82	2.63
BLK087	37	4.47	118	57.70	2.67	BLK131	37	3.70	118	59.69	2.64
BLK087	37	4.86	118	55.70	2.64	BLK118	37	3.62	118	59.72	2.65
BLK089	37	5.57	118	54.96	2.62	BLK119	37	2.65	118	58.67	2.70
BLK097	37	5.15	118	51.87	2.66	BLK120	37	2.84	118	57.57	2.77
BLK091	37	4.77	118	54.39	2.66	BLK121	37	3.18	118	56.92	2.72
BLK090	37	3.65	118	55.57	2.68	BLK124	37	0.72	118	58.33	2.79
BLK103	37	3.29	118	53.45	2.67	BLK122	37	0.30	118	59.19	2.75
BLK104	37	3.47	118	52.34	2.67	BLK123	37	0.31	118	58.33	2.70
BLK102	37	2.70	118	54.26	2.70	BLK125	37	0.08	118	57.37	2.78
BLK036	37	3.00	118	51.28	2.61	BLK126	37	0.84	118	54.56	2.71
BLK105	37	0.38	118	53.92	2.70	BLK127	37	0.41	118	54.27	2.74
BLK106	37	1.39	118	52.23	2.68	BLK139	37	1.49	118	59.90	2.74
BLK108	37	0.96	118	51.20	2.67						
BLK107	37	0.82	118	51.95	2.67						
BLK109	37	0.17	118	51.81	2.65						
BLK110	37	0.44	118	47.31	2.70						

TABLE 23.—Mount Goddard densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
GDR001	37 13.66	118 43.80	2.72	GDR073	37 5.52	118 38.00	2.62
GDR002	37 13.70	118 43.11	2.70	GDR074	37 5.52	118 37.34	2.60
GDR003	37 13.18	118 42.02	2.72	GDR075	37 4.20	118 37.11	2.64
GDR004	37 13.46	118 41.20	2.69	GDR076	37 4.13	118 36.81	2.63
GDR005	37 14.03	118 39.27	2.71	GDR077	37 4.14	118 36.73	2.60
GDR006	37 13.06	118 38.70	2.65	GDR078	37 4.17	118 36.65	2.61
GDR007	37 12.77	118 41.31	2.70	GDR079	37 4.24	118 36.69	2.62
GDR008	37 11.92	118 41.80	2.76	GDR080	37 4.44	118 36.21	2.60
GDR009	37 12.18	118 40.63	2.73	GDR081	37 4.46	118 36.10	2.60
GDR010	37 12.44	118 38.36	2.65	GDR082	37 4.48	118 36.01	2.60
GDR012	37 12.89	118 36.30	2.72	GDR087	37 2.72	118 32.96	2.57
GDR013	37 11.09	118 42.23	2.70	GDR088	37 2.25	118 32.95	2.58
GDR014	37 10.81	118 42.29	2.78	GDR095	37 0.93	118 41.98	2.59
GDR015	37 10.30	118 43.18	2.63	GDR096	37 1.00	118 39.93	2.62
GDR016	37 10.41	118 42.49	2.62	GDR097	37 5.71	118 44.73	2.74
GDR017	37 10.39	118 42.10	2.69	GDR099	37 5.60	118 44.04	2.75
GDR018	37 10.06	118 41.50	2.65	GDR100	37 4.84	118 44.02	2.63
GDR019	37 9.57	118 41.53	2.65	GDR101	37 4.70	118 43.57	2.70
GDR020	37 9.60	118 40.71	2.64	GDR102	37 3.78	118 42.49	2.74
GDR021	37 11.88	118 38.84	2.67	GDR103	37 2.66	118 43.20	2.68
GDR022	37 10.98	118 38.72	2.72	GDR104	37 2.57	118 42.65	2.68
GDR023	37 12.22	118 33.85	2.71	GDR105	37 2.80	118 42.29	2.69
GDR024	37 10.99	118 36.40	2.68	GDR106	37 2.74	118 41.85	2.73
GDR025	37 11.29	118 34.44	2.68	GDR107	37 1.49	118 43.53	2.70
GDR027	37 10.28	118 34.38	2.67	GDR108	37 1.66	118 42.49	2.72
GDR028	37 9.46	118 36.81	2.67	GDR109	37 1.60	118 41.98	2.70
GDR029	37 8.67	118 34.69	2.71	GDR110	37 2.79	118 43.61	2.62
GDR030	37 9.82	118 31.49	2.72	GDR111	37 1.33	118 44.98	2.62
GDR031	37 9.12	118 32.27	2.70	GDR112	37 1.00	118 44.61	2.62
GDR032	37 9.11	118 32.54	2.73	GDR113	37 2.84	118 44.89	2.65
GDR033	37 6.92	118 32.83	2.66	GDR115	37 1.25	118 42.38	2.62
GDR034	37 6.79	118 32.74	2.63	GDR116	37 0.56	118 42.08	2.63
GDR035	37 6.73	118 32.79	2.58	GDR117	37 0.43	118 44.86	2.59
GDR036	37 6.66	118 32.84	2.65	GDR118	37 0.18	118 44.03	2.62
GDR037	37 6.59	118 32.90	2.58	GDR119	37 1.36	118 43.47	2.63
GDR038	37 6.51	118 32.95	2.70	GDR120	37 0.97	118 43.71	2.65
GDR039	37 6.43	118 33.00	2.72	GDR121	37 0.82	118 43.20	2.68
GDR040	37 6.38	118 33.05	2.72	GDR122	37 0.67	118 43.80	2.68
GDR041	37 6.30	118 33.10	2.69	GDR123	37 0.02	118 42.88	2.70
GDR042	37 6.24	118 33.15	2.71	GDDA 006	37 13.59	118 43.84	2.72
GDR043	37 6.19	118 33.19	2.69	GDDA 007	37 13.72	118 42.93	2.70
GDR044	37 6.13	118 33.24	2.70	GDDA 008	37 13.34	118 41.97	2.72
GDR045	37 6.07	118 33.29	2.69	GDDA 009	37 13.48	118 41.12	2.69
GDR046	37 6.00	118 33.33	2.69	GDDA 010	37 14.12	118 39.21	2.71
GDR047	37 5.94	118 33.40	2.72	GDDA 011	37 13.06	118 38.69	2.65
GDR048	37 5.88	118 33.45	2.71	GDDA 012	37 12.31	118 40.54	2.73
GDR049	37 5.81	118 33.51	2.73	GDDA 013	37 12.54	118 38.36	2.65
GDR050	37 5.75	118 33.54	2.70	GDDA 014	37 12.97	118 36.13	2.72
GDR051	37 5.69	118 33.57	2.71	GDDA 015	37 11.79	118 36.66	2.67
GDR052	37 5.66	118 33.63	2.71	GDDA 016	37 11.00	118 38.70	2.72
GDR053	37 5.61	118 33.71	2.71	GDDA 017	37 12.14	118 33.90	2.71
GDR054	37 5.56	118 33.80	2.72	GDDA 018	37 11.14	118 36.49	2.68
GDR055	37 5.52	118 33.85	2.69	GDDA 019	37 11.27	118 34.51	2.68
GDR056	37 5.48	118 33.91	2.71	GDDA 021	37 10.37	118 34.53	2.67
GDR057	37 5.45	118 33.98	2.71	GDDA 022	37 9.45	118 36.66	2.67
GDR058	37 9.42	118 43.68	2.61	GDDA 023	37 8.62	118 34.54	2.71
GDR059	37 8.99	118 44.03	2.59	GDDA 024	37 9.90	118 31.62	2.72
GDR060	37 8.80	118 44.38	2.60	GDDA 025	37 9.21	118 32.24	2.70
GDR061	37 8.74	118 42.32	2.63	GDDA 026	37 9.14	118 32.52	2.73
GDR062	37 8.94	118 41.47	2.60	GDDA 027	37 6.98	118 32.94	2.66
GDR063	37 9.19	118 40.65	2.62	GDDB 031	37 14.16	118 43.65	2.69
GDR064	37 8.63	118 40.56	2.62	GDDB 032	37 14.39	118 40.63	2.66
GDR065	37 8.27	118 41.78	2.60	GDDB 033	37 13.84	118 39.35	2.64
GDR066	37 7.75	118 41.36	2.60	GDDB 034	37 14.93	118 38.59	2.64
GDR067	37 7.61	118 41.06	2.63	GDDB 035	37 14.57	118 37.88	2.59
GDR068	37 7.43	118 40.74	2.60	GDDB 036	37 14.67	118 34.83	2.63
GDR069	37 7.26	118 42.10	2.61	GDDB 037	37 14.15	118 36.17	2.63
GDR070	37 6.73	118 41.46	2.62	GDDB 055	37 14.66	118 31.64	2.63
GDR071	37 6.69	118 40.21	2.61	GDDB 056	37 13.68	118 33.64	2.64
GDR072	37 6.49	118 35.81	2.62	GDDB 059	37 13.05	118 31.14	2.63

TABLE 23.—Mount Goddard densities—Continued

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
GDDC014	37	11.45	118	31.02	2.58
GDDC015	37	10.84	118	30.28	2.61
GDDC017	37	9.34	118	30.87	2.60
GDDC018	37	9.28	118	30.22	2.62
GDDC020	37	8.45	118	30.37	2.62

TABLE 24.-*Big Pine densities*

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
BPIA001	37	6.21	118	27.04	2.73
BPIA002	37	5.57	118	28.45	2.70
BPIA004	37	5.65	118	25.76	2.69
BPIA005	37	5.05	118	27.03	2.77
BPIA006	37	4.96	118	26.20	2.69
BPIA007	37	5.06	118	25.71	2.69
BPIA008	37	4.24	118	26.05	2.73
BPIA009	37	3.66	118	27.30	2.67
BPIA010	37	3.77	118	25.89	2.68
BPIA011	37	3.35	118	25.23	2.73
BPIA012	37	2.38	118	24.83	2.75
BPIA013	37	2.41	118	24.07	2.77
BPIA014	37	2.60	118	22.72	2.78
BPIA015	37	1.63	118	23.83	2.77
BPIA016	37	1.19	118	25.77	2.77
BPIA017	37	6.94	118	25.65	2.72
BPIA018	37	7.27	118	23.03	2.75
BPIA019	37	7.25	118	22.19	2.65
BPIA020	37	6.95	118	22.66	2.76
BPIA021	37	7.32	118	19.18	2.69
BPIA022	37	6.64	118	21.61	2.71
BPIA023	37	6.65	118	19.82	2.70
BPIA024	37	6.19	118	21.75	2.69
BPIA025	37	6.05	118	19.22	2.68
BPIA026	37	5.28	118	21.39	2.70
BPIA027	37	4.32	118	20.97	2.72
BPIA028	37	3.94	118	29.74	2.68
BPIA028	37	4.19	118	20.16	2.73
BPIA029	37	3.98	118	29.16	2.64
BPIA029	37	4.98	118	17.12	2.71
BPIA030	37	4.10	118	28.76	2.64
BPIA031	37	3.60	118	28.16	2.63
BPIA032	37	1.87	118	26.64	2.63
BPIA033	37	0.95	118	26.47	2.65
BPIB060	37	12.57	118	25.75	2.65
BPIB061	37	12.21	118	23.32	2.65
BPIB062	37	12.05	118	22.39	2.61
BPIB063	37	11.80	118	24.82	2.59
BPIB064	37	11.62	118	24.17	2.60
BPIB065	37	11.61	118	23.40	2.63
BPIB066	37	11.26	118	23.04	2.62
BPIB067	37	10.33	118	25.98	2.62
BPIB068	37	10.65	118	23.47	2.63
BPIB069	37	10.21	118	25.07	2.63
BPIB070	37	9.24	118	25.49	2.62
BPIB071	37	9.21	118	24.84	2.61
BPIB072	37	8.79	118	21.48	2.60
BPIB073	37	8.32	118	22.40	2.61
BPIC007	37	14.33	118	25.46	2.67
BPIC008	37	13.73	118	24.47	2.66
BPIC009	37	12.98	118	25.40	2.63
BPIC010	37	12.06	118	24.90	2.64
BPIC011	37	11.80	118	24.58	2.60
BPIC012	37	11.13	118	26.05	2.63
BPIC013	37	6.69	118	20.78	2.58
BPIC014	37	0.68	118	23.58	2.62
BPIC015	37	0.45	118	22.80	2.62
BPIC016	37	0.35	118	20.99	2.60
BPIC016	37	9.83	118	29.85	2.57
BPIC018	37	0.11	118	21.61	2.60
BPIC019	37	9.23	118	29.05	2.59
BPIC021	37	8.95	118	27.97	2.61
BPIC022	37	8.16	118	28.00	2.63
BPIC024	37	8.16	118	26.76	2.58
BPIC025	37	7.86	118	25.87	2.61
BPIC027	37	6.25	118	27.90	2.62
BPIC028	37	6.65	118	25.90	2.63
BPIC029	37	2.38	118	29.94	2.61
BPIC030	37	2.25	118	29.28	2.60
BPIC031	37	1.71	118	27.97	2.63

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
BPIC032	37	1.31	118	28.80	2.59
BPIC033	37	0.97	118	23.51	2.59
BPIC039	37	13.23	118	23.53	2.62
BPIC040	37	12.95	118	22.29	2.58
BPIC041	37	12.69	118	22.48	2.59
BPIC042	37	12.56	118	25.44	2.59
BPIC044	37	12.40	118	23.40	2.56
BPIC045	37	12.28	118	24.37	2.65
BPIC047	37	11.13	118	25.18	2.58
BPIC048	37	10.08	118	26.34	2.61
BPIC049	37	9.87	118	24.82	2.58

TABLE 25.—*Clovis densities*

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
6AC02	36	53.95	119	31.22	2.92
6AC03	36	54.27	119	31.04	2.87
6AC05	36	57.18	119	30.20	2.61
6AC07	36	56.44	119	30.25	2.71
6AC08	36	56.00	119	30.21	2.80
6AC09	36	55.64	119	30.69	2.80
6AC10	36	55.10	119	31.11	2.81
6AC11	36	58.12	119	36.64	2.71
6AC12	36	58.42	119	36.43	2.73
6AC13	36	59.23	119	35.84	2.60
6AC14	36	59.62	119	35.69	2.69
6AC15	36	59.94	119	35.35	2.63
6AC16	36	58.14	119	35.58	2.63
6AC17	36	58.22	119	34.80	2.63
6AC18	36	58.38	119	33.86	2.63
6AC19	36	58.56	119	32.75	2.65
6AC20	36	58.20	119	31.66	2.65
6AC21	36	58.72	119	31.64	2.68
6AC23	36	59.99	119	31.50	2.73
6AC24	36	57.77	119	30.76	2.70
6AC25	36	58.76	119	30.34	2.67
6AC26	36	59.56	119	30.54	2.69
6F02	36	56.25	119	41.39	2.63
6F03	36	56.53	119	40.69	2.70
6F04B	36	56.82	119	40.40	3.00
6F05A	36	56.82	119	39.98	2.72
6F05B	36	56.82	119	39.97	2.93
6F06	36	57.05	119	39.34	2.91
6F08	36	58.50	119	37.52	2.73
6F09	36	58.82	119	37.93	2.74
6F10	36	59.38	119	39.41	2.81
6F11	36	59.38	119	41.56	2.72
6F12	36	59.59	119	41.82	2.67
6F4A	36	56.82	119	40.40	2.72

TABLE 26.—Watts Valley densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
86A007	36	45.04	119	21.93	2.84	6PR13	36	49.71	119	29.03	2.72
6H01	36	54.28	119	29.52	2.80	6PR14	36	50.25	119	28.48	2.82
6H02	36	54.42	119	29.03	2.82	6PR14	36	50.25	119	28.48	2.82
6H03	36	54.56	119	28.03	2.74	6PR15	36	51.31	119	27.93	2.83
6H04	36	54.08	119	27.91	2.79	6PR15	36	51.31	119	27.93	2.83
6H05	36	53.54	119	27.61	2.79	6PR16	36	51.97	119	27.83	2.85
6H06	36	53.74	119	27.18	2.77	6PR16	36	51.97	119	27.83	2.85
6H07	36	53.85	119	26.59	2.77	6PR17	36	52.14	119	27.91	2.80
6H09	36	54.18	119	25.93	2.75	6PR17	36	52.14	119	27.91	2.80
6H10	36	54.54	119	25.24	2.97	6T02	36	52.60	119	17.34	2.94
6H13	36	55.38	119	23.78	2.68	6T03	36	52.83	119	17.45	2.97
6H14	36	55.62	119	23.56	2.83	6T03	36	52.83	119	17.45	2.97
6H16	36	59.01	119	22.79	2.83	6T05	36	53.33	119	17.74	2.56
6H18	36	59.37	119	23.77	2.67	6T05	36	53.33	119	17.74	2.56
6H21	36	58.43	119	23.21	2.80	6T06	36	53.53	119	17.59	2.64
6H22	36	57.27	119	26.86	2.96	6T06	36	53.53	119	17.59	2.64
6H23	36	56.31	119	27.25	3.05	6T07	36	53.90	119	17.61	2.69
6H24	36	53.05	119	27.80	2.83	6T07	36	53.90	119	17.61	2.69
6H25	36	54.60	119	27.67	2.75	6T13	36	54.76	119	16.27	2.58
6H26	36	54.71	119	27.55	3.07	6T13	36	54.76	119	16.27	2.58
6H27	36	54.99	119	27.36	2.75	6T15	36	54.94	119	15.95	2.68
6H28	36	55.72	119	27.40	2.94	6T15	36	54.94	119	15.95	2.68
6H29	36	57.72	119	26.64	2.75	6T16	36	53.66	119	15.46	2.99
6H30	36	58.03	119	26.56	2.72	6T16	36	53.66	119	15.46	2.99
6H31	36	58.44	119	26.46	2.55	6T17	36	53.61	119	15.17	2.65
6H31	36	58.44	119	26.46	2.55	6T17	36	53.61	119	15.17	2.65
6H32	36	58.77	119	25.85	2.63	6T18	36	54.56	119	18.10	2.65
6H34	36	59.64	119	24.72	2.78	6T18	36	54.56	119	18.10	2.65
6H35	36	59.89	119	24.26	2.74	6T19	36	54.98	119	18.69	2.61
6H36	36	57.82	119	27.14	2.71	6T19	36	54.98	119	18.69	2.61
6H37	36	57.93	119	27.94	2.68	6T20	36	55.26	119	19.74	2.80
6H38	36	58.03	119	28.52	2.72	6T20	36	55.26	119	19.74	2.80
6H39	36	57.95	119	28.97	2.75	6T23	36	56.07	119	21.06	2.63
6H40	36	57.85	119	29.90	2.70	6T23	36	56.07	119	21.06	2.63
6H41	36	57.44	119	29.94	2.75	6T24	36	56.50	119	20.91	2.80
6PF02	36	46.66	119	16.92	2.94	6T24	36	56.50	119	20.91	2.80
6PF05	36	46.38	119	15.71	2.94	6T25	36	56.90	119	20.93	2.87
6PF07	36	46.15	119	15.28	2.92	6T25	36	56.90	119	20.93	2.87
6PF12	36	47.82	119	18.05	2.71	6T26	36	57.20	119	20.70	2.59
6PF13	36	47.76	119	18.22	2.57	6T26	36	57.20	119	20.70	2.59
6PF15	36	47.47	119	18.71	2.68	6T27	36	57.65	119	20.92	2.65
6PF16	36	47.79	119	18.95	2.67	6T27	36	57.65	119	20.92	2.65
6PF21	36	48.88	119	22.26	2.70	6T29	36	58.16	119	20.78	2.60
6PF22	36	49.22	119	22.47	2.80	6T29	36	58.16	119	20.78	2.60
6PF24	36	49.29	119	21.26	2.72	6T30	36	58.22	119	20.67	2.58
6PF27	36	49.86	119	19.68	2.93	6T30	36	58.22	119	20.67	2.58
6PF31	36	49.48	119	20.11	2.79	6T31	36	58.38	119	20.43	2.76
6PF33	36	50.66	119	22.09	2.83	6T31	36	58.38	119	20.43	2.76
6PF34A	36	50.88	119	21.88	2.78	6T32	36	58.49	119	19.90	2.69
6PF35	36	51.03	119	21.59	2.62	6T32	36	58.49	119	19.90	2.69
6PF37	36	51.66	119	21.08	2.71	6T34	36	58.59	119	22.02	2.95
6PF39	36	51.80	119	20.77	2.72	6T34	36	58.59	119	22.02	2.95
6PF40	36	52.20	119	19.51	2.77						
6PF45	36	52.17	119	18.02	2.75						
6PF46	36	52.13	119	17.73	2.51						
6PF47	36	52.19	119	17.37	2.95						
6PF48	36	52.23	119	17.08	2.93						
6PR07	36	46.06	119	22.85	2.94						
6PR07	36	46.06	119	22.85	2.94						
6PR08	36	45.91	119	22.62	2.75						
6PR08	36	45.91	119	22.62	2.75						
6PR09	36	49.11	119	23.18	2.67						
6PR09	36	49.11	119	23.18	2.67						
6PR10	36	47.70	119	24.48	2.88						
6PR10	36	47.70	119	24.48	2.88						
6PR11	36	48.31	119	29.81	2.74						
6PR11	36	48.31	119	29.81	2.74						
6PR12	36	48.62	119	29.57	2.94						
6PR12	36	48.62	119	29.57	2.94						
6PR13	36	49.71	119	29.03	2.72						

TABLE 27.—Patterson Mountain densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
86A100	36	45.00	119	13.24	2.73	7SG058	36	55.16	119	2.37	2.66
TD129	36	53.77	119	1.23	2.67	7SG059	36	55.70	119	1.68	2.75
7SG01	36	45.80	119	14.90	2.74	7SG060	36	56.41	119	0.64	2.70
7SG02	36	45.21	119	11.30	2.80	7SG061a	36	57.24	119	0.96	2.65
7SG03	36	46.49	119	10.21	2.74	7SG061b	36	57.24	119	0.96	2.58
7SG04	36	46.12	119	10.12	2.75	7SG062	36	57.98	119	0.67	2.73
7SG05	36	45.51	119	8.56	2.71	7SG063	36	58.67	119	0.50	2.66
7SG06	36	45.56	119	7.33	2.72	7SG064	36	59.23	119	0.72	2.65
7SG07	36	45.15	119	5.57	2.70	7SG065	36	59.08	119	1.85	2.69
7SG08	36	48.77	119	0.02	2.51	7SG066	36	58.99	119	5.09	2.64
7SG09	36	48.67	119	0.89	2.67	7SG067	36	58.15	119	4.58	2.71
7SG010	36	48.15	119	0.26	2.83	7SG068	36	57.50	119	4.30	2.68
7SG011	36	47.98	119	0.07	2.60	7SG069	36	56.37	119	4.57	2.60
7SG012	36	46.60	119	1.41	2.62	7SG070	36	56.25	119	4.73	2.69
7SG013	36	46.13	119	1.14	2.60	7SG071	36	56.08	119	5.73	2.56
7SG014	36	45.48	119	0.87	2.62	7SG072a	36	57.23	119	5.73	2.71
7SG016	36	45.07	119	1.72	2.57	7SG072b	36	57.23	119	5.73	2.66
7SG017	36	45.10	119	2.92	2.81	7SG073	36	58.02	119	6.22	2.63
7SG018	36	47.70	119	6.92	3.02	7SG074	36	59.30	119	7.69	2.66
7SG019a	36	49.23	119	8.77	2.72	7SG075	36	58.54	119	7.62	2.68
7SG019b	36	49.23	119	8.77	2.72	7SG076	36	58.65	119	8.56	2.69
7SG019c	36	49.23	119	8.77	2.72	7SG077	36	59.41	119	9.31	2.60
7SG020	36	46.04	119	4.73	2.66	7SG078	36	59.62	119	9.70	2.67
7SG021	36	46.05	119	4.20	2.65	7SG079	36	58.61	119	10.08	2.66
7SG022	36	45.80	119	3.32	2.80	7SG080	36	58.19	119	10.77	2.67
7SG023	36	46.55	119	5.25	2.73	7SG081	36	57.09	119	10.84	2.85
7SG024	36	47.01	119	5.63	2.72	7SG082a	36	56.45	119	11.55	2.80
7SG025	36	47.33	119	5.83	3.07	7SG082b	36	56.45	119	11.55	2.67
7SG026	36	47.45	119	5.53	2.72	7SG083	36	56.50	119	11.72	2.93
7SG027	36	47.76	119	5.74	2.76	7SG084a	36	56.42	119	11.91	2.84
7SG028	36	48.28	119	5.81	2.75	7SG084b	36	56.42	119	11.91	2.74
7SG029	36	48.62	119	5.30	2.74	7SG084c	36	56.42	119	11.91	2.60
7SG030	36	48.84	119	5.40	2.71	7SG085	36	56.17	119	12.49	3.03
7SG031	36	48.92	119	5.27	2.73	7SG086	36	56.27	119	12.50	2.75
7SG032	36	50.20	119	4.97	2.73	7SG087	36	56.92	119	12.53	2.70
7SG033	36	50.56	119	5.09	2.71	7SG088	36	57.22	119	12.20	2.72
7SG034	36	51.88	119	7.41	2.67	7SG089a	36	59.50	119	13.62	2.63
7SG035	36	51.81	119	7.24	2.90	7SG089b	36	59.50	119	13.62	2.72
7SG036	36	51.53	119	5.58	2.79	7SG090	36	58.31	119	12.26	2.67
7SG037	36	51.65	119	4.67	2.76	7SG091	36	57.84	119	12.89	2.71
7SG038	36	51.61	119	3.66	2.78	7SG092a	36	57.14	119	14.15	2.71
7SG039	36	51.86	119	1.64	2.71	7SG092b	36	57.14	119	14.15	2.72
7SG040a	36	52.62	119	8.70	2.81						
7SG040b	36	52.62	119	8.70	2.81						
7SG040c	36	52.62	119	8.70	2.79						
7SG040d	36	52.62	119	8.70	2.67						
7SG041a	36	53.40	119	14.26	2.80						
7SG041b	36	53.40	119	14.26	2.69						
7SG042a	36	53.61	119	13.18	2.69						
7SG042b	36	53.61	119	13.18	2.64						
7SG043	36	52.78	119	11.35	2.64						
7SG044a	36	53.21	119	10.64	2.77						
7SG044b	36	53.21	119	10.64	2.65						
7SG045a	36	53.17	119	9.14	2.84						
7SG045b	36	53.17	119	9.14	2.79						
7SG045c	36	53.17	119	9.14	2.65						
7SG046	36	52.96	119	7.14	2.64						
7SG047	36	54.97	119	9.37	2.78						
7SG048	36	55.01	119	9.34	2.95						
7SG049	36	54.89	119	8.41	3.02						
7SG050	36	54.42	119	7.60	2.86						
7SG051	36	55.10	119	7.67	2.94						
7SG052	36	54.65	119	7.18	2.64						
7SG053	36	54.61	119	6.52	2.61						
7SG054	36	54.88	119	5.39	2.62						
7SG055a	36	54.67	119	4.53	2.89						
7SG055b	36	54.67	119	4.53	2.61						
7SG056	36	54.18	119	3.24	2.62						
7SG057a	36	54.39	119	2.79	2.68						
7SG057b	36	54.39	119	2.79	2.67						

TABLE 28.—*Tehipite Dome densities*

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
TD001	36	59.54	118	58.64	2.74	TD071	36	57.26	118	48.32	2.64
TD002	36	57.50	118	59.26	2.74	TD072	36	57.97	118	46.86	2.66
TD003	36	57.31	118	58.55	2.75	TD073	36	53.72	118	46.10	2.71
TD004	36	57.89	118	57.19	2.89	TD074	36	52.83	118	46.03	2.64
TD005	36	57.03	118	57.01	2.66	TD075	36	53.00	118	45.27	2.64
TD006	36	56.60	118	59.16	2.66	TD076	36	52.43	118	46.13	2.64
TD007	36	56.08	118	58.74	2.89	TD077	36	52.31	118	46.35	2.64
TD008	36	56.69	118	56.55	2.71	TD078	36	52.25	118	46.14	2.75
TD009	36	56.57	118	55.44	2.67	TD079	36	52.30	118	45.57	2.67
TD010	36	55.76	118	54.67	2.72	TD080	36	51.91	118	45.47	2.69
TD011	36	55.75	118	53.04	2.70	TD081	36	50.92	118	45.71	2.63
TD012	36	54.99	118	54.28	2.62	TD082	36	51.02	118	45.99	2.62
TD013	36	55.09	118	52.84	2.62	TD083	36	50.95	118	46.14	2.63
TD014	36	54.53	118	53.43	2.66	TD084	36	49.99	118	45.02	2.62
TD015	36	54.54	118	53.42	2.66	TD085	36	47.68	118	45.40	2.74
TD016	36	54.39	118	53.97	2.62	TD086	36	48.46	118	47.70	2.67
TD017	36	54.21	118	54.08	2.64	TD087	36	48.50	118	47.87	2.73
TD018	36	54.04	118	54.02	2.64	TD088	36	49.04	118	49.40	2.89
TD019	36	54.30	118	55.92	2.77	TD089	36	49.24	118	49.57	2.60
TD020	36	54.18	118	55.92	2.67	TD090	36	48.78	118	50.05	2.64
TD021	36	54.02	118	58.05	2.61	TD091	36	47.08	118	49.54	2.64
TD022	36	53.64	118	57.99	2.62	TD092	36	47.09	118	51.21	2.74
TD023	36	52.89	118	57.51	2.60	TD093	36	47.72	118	50.93	2.63
TD024	36	52.30	118	59.66	2.82	TD094	36	48.54	118	51.56	2.75
TD025	36	52.07	118	59.75	2.61	TD095	36	48.83	118	51.65	2.73
TD026	36	51.07	118	58.82	2.64	TD096	36	48.40	118	52.54	2.63
TD027	36	51.74	118	57.68	2.63	TD097	36	47.85	118	53.49	2.73
TD028	36	51.84	118	57.30	2.60	TD098	36	45.92	118	52.46	2.71
TD029	36	51.94	118	56.86	2.58	TD099	36	46.85	118	53.95	2.73
TD030	36	51.60	118	56.56	2.58	TD100	36	46.16	118	53.95	2.64
TD031	36	51.51	118	55.95	2.70	TD101	36	45.74	118	54.82	2.73
TD032	36	51.73	118	55.32	2.54	TD102	36	45.57	118	55.60	2.76
TD033	36	51.80	118	55.03	2.67	TD103	36	45.81	118	56.31	2.75
TD034	36	51.29	118	55.09	2.64	TD104	36	46.36	118	56.99	2.66
TD035	36	51.20	118	54.47	2.64	TD105	36	45.53	118	56.44	2.64
TD036	36	53.85	118	54.01	2.64	TD106	36	45.64	118	57.06	2.62
TD037	36	53.60	118	54.23	2.65	TD107	36	46.42	118	57.62	2.64
TD038	36	53.03	118	54.29	2.66	TD108	36	48.76	118	59.82	2.59
TD039	36	52.89	118	54.18	2.66	TD109	36	50.02	118	58.81	2.64
TD040	36	52.36	118	53.96	2.73	TD110	36	50.15	118	57.67	2.61
TD041	36	52.25	118	53.85	2.65	TD111	36	50.41	118	56.98	2.71
TD042	36	52.04	118	53.68	2.63	TD112	36	49.79	118	57.44	2.62
TD043	36	51.99	118	53.53	2.65	TD113	36	49.43	118	55.82	2.69
TD044	36	51.40	118	54.51	2.64	TD114	36	48.76	118	54.81	2.76
TD045	36	50.74	118	54.35	2.74	TD115	36	48.64	118	54.68	2.76
TD046	36	51.36	118	52.80	2.59	TD116	36	48.16	118	55.51	2.71
TD047	36	50.35	118	51.38	2.64	TD117	36	49.06	118	53.32	2.72
TD048	36	50.37	118	50.92	2.62	TD118	36	49.24	118	53.05	2.76
TD049	36	50.91	118	51.40	2.65	TD119	36	49.85	118	54.06	2.76
TD050	36	51.08	118	51.15	2.64	TD120	36	50.15	118	52.77	2.76
TD051	36	51.89	118	50.60	2.64	TD121	36	50.22	118	52.43	2.78
TD052	36	52.59	118	50.66	2.64	TD122	36	49.90	118	52.48	2.73
TD053	36	53.32	118	51.49	2.64	TD123	36	49.50	118	53.27	2.71
TD054	36	53.74	118	51.84	2.65	TD124	36	49.39	118	52.96	2.76
TD055	36	53.94	118	52.27	2.65	TD125	36	51.11	118	50.05	2.63
TD056	36	54.22	118	52.63	2.64	TD126	36	51.63	118	48.17	2.63
TD057	36	54.53	118	50.54	2.59	TD127	36	48.55	118	46.08	2.78
TD058	36	54.33	118	50.13	2.61						
TD059	36	53.79	118	50.10	2.72						
TD060	36	53.50	118	50.66	2.77						
TD061	36	53.25	118	50.59	2.77						
TD062	36	51.84	118	49.71	2.77						
TD063	36	52.02	118	49.49	2.73						
TD064	36	51.97	118	49.18	2.74						
TD065	36	52.01	118	49.05	2.78						
TD066	36	52.15	118	48.87	2.68						
TD067	36	52.48	118	48.36	2.64						
TD068	36	52.68	118	48.08	2.65						
TD069	36	52.87	118	48.04	2.66						
TD070	36	53.02	118	47.68	2.62						

TABLE 29.—Marion Peak densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
PIN070	36 52.10	118 30.01	2.69	067	36 52.91	118 37.43	2.73
PIN072	36 51.78	118 30.13	2.69	068	36 53.00	118 36.87	2.70
PIN073	36 51.61	118 30.29	2.69	069	36 52.70	118 37.48	2.69
PIN074	36 51.50	118 30.55	2.70	070	36 52.48	118 37.68	2.84
001	36 57.24	118 39.45	2.63	071	36 52.32	118 37.40	2.73
002	36 57.39	118 39.19	2.61	072	36 52.80	118 36.15	2.73
003	36 57.49	118 38.60	2.62	073	36 53.31	118 35.10	2.74
004	36 57.18	118 38.01	2.75	074	36 52.58	118 35.05	2.71
005	36 56.24	118 38.49	2.58	075	36 53.55	118 34.67	2.72
006	36 57.25	118 36.94	2.65	076	36 52.34	118 34.67	2.68
007	36 58.88	118 35.69	2.67	077	36 53.23	118 33.65	2.72
008	36 58.22	118 34.55	2.62	078	36 52.53	118 33.25	2.70
009	36 57.66	118 34.96	2.66	079	36 52.92	118 33.03	2.73
010	36 56.86	118 34.45	2.66	080	36 53.80	118 32.58	2.73
011	36 56.66	118 34.03	2.69	081	36 53.23	118 32.42	2.72
012	36 56.01	118 37.65	2.67	082	36 52.70	118 32.71	2.69
013	36 55.70	118 37.46	2.71	083	36 50.96	118 35.78	2.72
014	36 55.59	118 37.12	2.64	084	36 51.18	118 33.27	2.68
015	36 55.46	118 35.88	2.66	085	36 51.55	118 31.44	2.68
016	36 55.37	118 34.90	2.66	086	36 51.54	118 30.66	2.70
017	36 55.03	118 36.67	2.64	087	36 51.63	118 30.30	2.69
018	36 54.59	118 36.56	2.65	088	36 50.58	118 35.21	2.70
019	36 54.03	118 34.93	2.64	089	36 49.26	118 34.90	2.67
020	36 55.47	118 43.14	2.65	090	36 50.04	118 32.57	2.62
021	36 55.25	118 42.91	2.66	091	36 49.19	118 32.83	2.71
022	36 55.58	118 42.10	2.62	092	36 48.31	118 34.98	2.70
023	36 55.49	118 41.10	2.64	093	36 48.53	118 32.80	2.69
024	36 54.69	118 40.88	2.68	094	36 47.86	118 34.52	2.67
025	36 58.75	118 31.14	2.67	095	36 48.22	118 32.80	2.71
026	36 59.07	118 30.72	2.67	096	36 47.36	118 33.06	2.67
027	36 58.97	118 30.75	2.68	097	36 46.68	118 33.41	2.66
028	36 58.87	118 30.76	2.67	098	36 46.99	118 32.74	2.68
029	36 58.68	118 31.23	2.66	099	36 46.81	118 30.95	2.68
030	36 58.59	118 31.37	2.66	100	36 46.63	118 32.18	2.69
031	36 54.84	118 44.13	2.73	101	36 46.41	118 32.23	2.68
032	36 54.83	118 44.12	2.57	102	36 45.78	118 32.83	2.67
033	36 54.42	118 44.19	2.59	103	36 45.96	118 31.79	2.67
034	36 53.75	118 44.51	2.59	104	36 45.24	118 33.34	2.69
035	36 51.45	118 44.71	2.61	105	36 45.17	118 31.86	2.66
036	36 51.80	118 44.21	2.62	106	36 49.76	118 42.95	2.76
037	36 54.80	118 41.92	2.60	107	36 49.22	118 43.58	2.73
038	36 54.53	118 40.80	2.61	108	36 49.00	118 42.00	2.62
039	36 54.03	118 41.43	2.62	109	36 48.12	118 43.53	2.72
040	36 53.97	118 40.70	2.67	110	36 48.02	118 42.66	2.70
041	36 52.19	118 38.86	2.69	111	36 48.46	118 39.40	2.69
042	36 54.79	118 42.72	2.70	112	36 47.76	118 40.32	2.69
043	36 54.52	118 42.76	2.68	113	36 47.70	118 43.85	2.75
044	36 54.51	118 42.32	2.76	114	36 47.18	118 43.73	2.70
045	36 54.25	118 43.52	2.65	115	36 47.25	118 41.97	2.73
046	36 54.23	118 42.65	2.66	116	36 47.10	118 40.60	2.74
047	36 54.05	118 43.17	2.62	117	36 46.80	118 42.29	2.72
048	36 54.06	118 42.23	2.67	118	36 46.87	118 40.76	2.74
049	36 53.77	118 41.64	2.61	119	36 46.96	118 39.80	2.73
050	36 53.77	118 43.36	2.63	120	36 46.75	118 39.11	2.63
051	36 53.76	118 42.35	2.65	121	36 46.39	118 42.89	2.84
052	36 53.56	118 41.61	2.66	122	36 46.35	118 38.11	2.77
053	36 53.44	118 44.00	2.65	123	36 46.20	118 35.95	2.70
054	36 53.50	118 43.46	2.62	124	36 49.09	118 44.06	2.62
055	36 53.09	118 42.84	2.61	125	36 48.15	118 44.06	2.79
056	36 52.70	118 43.47	2.65	126	36 47.65	118 44.77	2.71
057	36 52.55	118 43.79	2.67	127	36 45.61	118 44.80	2.78
058	36 51.25	118 42.91	2.69	128	36 45.25	118 44.60	2.72
059	36 51.02	118 41.85	2.69	129	36 46.06	118 43.95	2.74
060	36 50.13	118 41.89	2.69	130	36 45.26	118 43.81	2.75
061	36 49.85	118 42.05	2.73	131	36 46.98	118 35.05	2.71
062	36 48.63	118 37.71	2.73	132	36 45.04	118 38.63	2.71
063	36 48.39	118 37.61	2.78	133	36 45.16	118 37.97	2.69
064	36 53.31	118 37.37	2.75	134	36 45.70	118 34.72	2.70
065	36 53.61	118 36.71	2.77	135	36 46.55	118 34.59	2.74
066	36 52.97	118 37.30	2.74	136	36 51.74	118 30.10	2.69

TABLE 29.—*Marion Peak densities—Continued*

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
137	36	52.04	118	30.00	2.69
138	36	49.13	118	39.10	2.66
139	36	48.04	118	38.61	2.61
140	36	48.25	118	37.79	2.64
141	36	47.65	118	37.12	2.62
142	36	46.91	118	37.22	2.60
143	36	46.84	118	38.59	2.60
144	36	46.87	118	38.23	2.61
145	36	46.68	118	37.90	2.62
146	36	46.56	118	37.85	2.60
147	36	46.46	118	37.83	2.61
148	36	46.36	118	37.73	2.66
149	36	46.94	118	37.05	2.60
150	36	47.02	118	36.89	2.68

TABLE 30.—Mount Pinchot densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
PIN001	36 59.64	118 29.28	2.66	PIN075	36 50.99	118 29.46	2.68
PIN002	36 59.75	118 28.27	2.67	PIN076	36 50.75	118 29.05	2.69
PIN003	36 59.75	118 27.50	2.70	PIN077	36 50.14	118 28.66	2.67
PIN004	36 59.91	118 26.57	2.63	PIN078	36 50.11	118 28.14	2.70
PIN005	36 59.05	118 29.94	2.65	PIN079	36 50.50	118 27.89	2.67
PIN006	36 59.36	118 26.82	2.64	PIN080	36 50.89	118 27.04	2.67
PIN007	36 59.59	118 28.45	2.68	PIN081	36 51.00	118 25.88	2.63
PIN008	36 59.31	118 27.20	2.69	PIN082	36 49.61	118 29.90	2.66
PIN009	36 59.31	118 27.21	2.68	PIN083	36 49.70	118 29.55	2.65
PIN010	36 58.97	118 28.96	2.65	PIN084	36 49.58	118 28.56	2.68
PIN011	36 58.90	118 27.52	2.67	PIN085	36 49.69	118 26.82	2.68
PIN012	36 59.04	118 27.18	2.77	PIN086	36 49.95	118 26.68	2.60
PIN013	36 59.09	118 26.15	2.66	PIN087	36 49.19	118 27.21	2.64
PIN014	36 58.82	118 27.89	2.66	PIN088	36 49.10	118 27.55	2.75
PIN015	36 58.92	118 27.23	2.68	PIN089	36 48.74	118 29.10	2.67
PIN016	36 58.88	118 26.90	2.69	PIN090	36 48.80	118 28.32	2.71
PIN017	36 58.74	118 25.36	2.66	PIN091	36 48.17	118 29.03	2.68
PIN018	36 58.44	118 29.17	2.64	PIN092	36 48.24	118 28.09	2.69
PIN019	36 58.48	118 27.71	2.67	PIN093	36 48.59	118 27.40	2.64
PIN020	36 58.39	118 27.70	2.63	PIN094	36 48.22	118 27.53	2.68
PIN021	36 58.46	118 27.26	2.78	PIN095	36 47.89	118 27.53	2.59
PIN022	36 58.26	118 27.62	2.66	PIN096	36 46.78	118 28.58	2.65
PIN023	36 58.20	118 27.17	2.68	PIN097	36 46.45	118 26.69	2.61
PIN024	36 58.24	118 24.99	2.64	PIN098	36 45.76	118 27.64	2.64
PIN025	36 58.11	118 24.82	2.67	PIN099	36 45.11	118 29.17	2.67
PIN026	36 57.30	118 24.88	2.66	PIN100	36 45.07	118 28.27	2.65
PIN027	36 58.30	118 29.19	2.66	PIN101	36 45.06	118 26.60	2.65
PIN028	36 57.94	118 29.51	2.64	PIN102	36 45.14	118 25.94	2.58
PIN029	36 58.03	118 29.04	2.64	PIN103	36 45.90	118 25.64	2.58
PIN030	36 58.29	118 27.40	2.70	PIN104	36 45.59	118 25.02	2.61
PIN031	36 57.82	118 28.26	2.66	PIN105	36 46.04	118 25.01	2.58
PIN032	36 57.71	118 28.43	2.64	PIN106	36 45.25	118 23.88	2.58
PIN033	36 57.82	118 27.86	2.63	PIN107	36 46.85	118 25.75	2.58
PIN034	36 57.83	118 27.58	2.65	PIN108	36 47.27	118 24.95	2.61
PIN035	36 57.88	118 27.44	2.63	PIN109	36 47.64	118 25.90	2.67
PIN036	36 57.96	118 27.37	2.61	PIN110	36 48.17	118 26.36	2.64
PIN037	36 58.05	118 27.28	2.72	PIN111	36 48.48	118 25.69	2.59
PIN038	36 57.32	118 27.02	2.66	PIN112	36 48.95	118 25.38	2.61
PIN039	36 57.21	118 27.36	2.65	PIN113	36 48.69	118 24.71	2.61
PIN040	36 57.10	118 27.72	2.61	PIN114	36 48.42	118 25.14	2.59
PIN041	36 56.50	118 29.09	2.66	PIN115	36 48.58	118 24.51	2.65
PIN042	36 56.51	118 28.99	2.67	PIN116	36 48.98	118 24.35	2.67
PIN043	36 56.50	118 28.87	2.67	PIN117	36 49.26	118 23.94	2.58
PIN044	36 56.44	118 28.81	2.63	PIN118	36 48.57	118 23.52	2.65
PIN045	36 56.47	118 28.60	2.62	PIN119	36 48.14	118 23.84	2.66
PIN046	36 56.69	118 28.17	2.64	PIN120	36 47.36	118 23.47	2.80
PIN047	36 56.87	118 27.39	2.61	PIN121	36 58.97	118 24.23	2.60
PIN048	36 56.99	118 27.15	2.62	PIN122	36 58.62	118 23.76	2.60
PIN049	36 57.14	118 27.06	2.64	PIN123	36 57.95	118 24.19	2.77
PIN050	36 57.15	118 26.67	2.63	PIN124	36 56.51	118 24.77	2.60
PIN051	36 57.35	118 26.46	2.66	PIN125	36 56.97	118 23.40	2.59
PIN052	36 57.50	118 26.38	2.67	PIN126	36 57.10	118 23.39	2.59
PIN053	36 56.46	118 26.62	2.62	PIN127	36 56.85	118 22.95	2.61
PIN054	36 55.68	118 29.31	2.71	PIN128	36 57.85	118 22.84	2.61
PIN055	36 55.48	118 28.74	2.66	PIN129	36 58.81	118 23.15	2.66
PIN056	36 55.20	118 28.97	2.66	PIN130	36 58.21	118 22.37	2.64
PIN057	36 55.03	118 27.97	2.77	PIN131	36 58.72	118 22.34	2.66
PIN058	36 54.40	118 27.07	2.64	PIN132	36 58.64	118 20.87	2.63
PIN059	36 53.67	118 27.84	2.69	PIN133	36 57.68	118 21.56	2.80
PIN060	36 53.86	118 28.29	2.71	PIN134	36 55.28	118 23.32	2.62
PIN061	36 53.54	118 28.10	2.73	PIN135	36 55.16	118 23.36	2.69
PIN062	36 53.20	118 26.93	2.60	PIN136	36 55.46	118 21.65	2.68
PIN063	36 52.91	118 26.45	2.61	PIN137	36 55.65	118 21.30	2.68
PIN064	36 52.71	118 26.83	2.60	PIN138	36 54.93	118 21.38	2.62
PIN065	36 52.28	118 27.34	2.67	PIN139	36 55.01	118 20.65	2.57
PIN066	36 52.50	118 28.14	2.70	PIN140	36 55.54	118 19.62	2.65
PIN067	36 52.30	118 28.52	2.68	PIN141	36 54.94	118 19.13	2.65
PIN068	36 51.94	118 28.74	2.71	PIN142	36 54.49	118 20.78	2.64
PIN069	36 52.15	118 29.43	2.68	PIN143	36 54.94	118 20.48	2.67
PIN071	36 51.93	118 29.94	2.69	PIN144	36 54.43	118 21.47	2.65

TABLE 30.—Mount Pinchot densities—Continued

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
PIN145	36	54.23	118	21.45	2.67
PIN146	36	54.23	118	21.46	2.67
PIN147	36	54.07	118	20.76	2.68
PIN148	36	54.12	118	20.55	2.64
PIN149	36	53.86	118	20.60	2.67
PIN150	36	53.95	118	20.17	2.65
PIN151	36	53.60	118	20.67	2.67
PIN152	36	52.96	118	21.28	2.60
PIN153	36	54.02	118	22.61	2.72
PIN154	36	53.47	118	22.51	2.66
PIN155	36	53.03	118	22.98	2.65
PIN156	36	51.07	118	23.52	2.74
PIN157	36	51.10	118	22.27	2.78
PIN158	36	51.32	118	21.97	2.67
PIN159	36	51.95	118	21.27	2.80
PIN160	36	51.95	118	21.00	2.69
PIN161	36	51.25	118	20.94	2.65
PIN162	36	48.31	118	21.60	2.61
PIN163	36	47.63	118	22.52	2.65
PIN164	36	47.50	118	21.62	2.65
PIN165	36	46.80	118	21.62	2.82
PIN166	36	46.47	118	22.52	2.58
PIN167	36	46.17	118	21.90	2.57
PIN168	36	45.90	118	21.56	2.59
PIN169	36	45.58	118	21.66	2.57
PIN170	36	46.11	118	20.88	2.58
PIN171	36	45.37	118	20.36	2.62
PIN172	36	45.94	118	19.90	2.62
PIN173	36	46.27	118	19.27	2.63
PIN174	36	46.19	118	18.88	2.66
PIN175	36	46.24	118	18.85	2.64
PIN176	36	46.03	118	18.73	2.70
PIN177	36	45.46	118	17.90	2.73
PIN178	36	45.09	118	17.29	2.59
PIN179	36	46.81	118	17.68	2.58
PIN180	36	46.88	118	16.43	2.60
PIN181	36	47.03	118	18.80	2.69
PIN182	36	47.15	118	18.90	2.62
PIN183	36	47.83	118	18.92	2.67
PIN184	36	47.78	118	18.59	2.68
PIN185	36	49.03	118	19.18	2.67
PIN186	36	49.19	118	18.12	2.58
PIN187	36	48.66	118	17.42	2.56
PIN188	36	49.13	118	16.26	2.65
PIN189	36	49.38	118	17.59	2.66
PIN190	36	49.71	118	18.48	2.64
PIN191	36	49.93	118	17.43	2.67
PIN192	36	50.82	118	18.18	2.65
PIN193	36	50.99	118	18.59	2.65
PIN194	36	52.22	118	19.10	2.80
PIN195	36	53.45	118	17.77	2.62
PIN196	36	53.80	118	17.21	2.61
PIN197	36	53.81	118	18.96	2.59
PIN198	36	54.30	118	19.00	2.59
PIN199	36	54.43	118	17.75	2.66
PIN200	36	54.61	118	17.36	2.62
137	36	52.04	118	30.00	2.69

TABLE 31.—Orange Cove densities

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
86A001	36	43.31	119	23.58	2.90
86A002	36	42.69	119	24.78	2.77
86A003	36	43.18	119	23.14	2.77
86A004	36	43.14	119	22.72	2.83
86A005	36	43.65	119	22.28	2.84
86A006	36	44.06	119	22.19	2.85
86A008	36	43.82	119	26.60	3.02
86A009	36	43.60	119	26.23	2.90
86A010	36	43.16	119	21.43	2.79
86A011	36	42.94	119	21.21	2.88
86A012	36	42.89	119	20.60	2.83
86A013	36	42.91	119	20.42	2.82
86A014	36	42.96	119	20.08	2.79
86A015	36	43.11	119	19.71	2.85
86A016	36	43.12	119	19.20	2.83
86A017	36	43.21	119	18.77	2.81
86A018	36	43.41	119	18.23	2.85
86A019	36	43.39	119	17.88	2.85
86A020	36	43.50	119	17.58	2.99
86A021	36	43.64	119	17.04	2.96
86A022	36	44.41	119	15.11	3.04
86A023	36	44.52	119	15.01	2.90
86A024	36	44.07	119	15.45	2.79
86A025	36	43.57	119	15.28	2.76
86A026	36	43.76	119	15.81	2.72
86A027	36	43.83	119	16.00	2.72
86A028	36	43.91	119	16.29	2.65
86A029	36	43.39	119	17.04	2.77
86A030	36	43.06	119	17.12	2.78
86A031	36	42.94	119	17.11	2.68
86A032	36	42.92	119	17.47	2.81
86A033	36	42.73	119	17.79	2.81
86A034	36	42.20	119	18.19	2.73
86A035	36	41.75	119	18.61	2.74
86A036	36	41.57	119	18.70	2.77
86A037	36	41.31	119	19.08	2.82
86A038	36	39.97	119	20.45	2.87
86A039	36	40.72	119	21.48	2.87
86A040	36	41.40	119	21.44	2.82
86A041	36	39.76	119	18.19	2.63
86A042	36	40.10	119	18.19	2.69
86A043	36	36.16	119	17.42	2.82
86A044	36	35.90	119	17.14	2.88
86A055	36	42.40	119	20.89	2.81
86A056	36	41.85	119	20.88	2.77
86A057	36	33.60	119	21.05	3.09
86A058	36	33.60	119	20.96	3.14
86A059A	36	35.31	119	20.39	2.96
86A059B	36	35.31	119	20.39	2.89
86A102	36	43.38	119	15.48	2.79
86A103	36	43.00	119	15.47	2.65
86A104	36	42.45	119	15.45	2.69
86A105	36	42.04	119	15.00	2.71
86A152	36	36.11	119	16.11	2.83
86A153	36	35.94	119	16.07	2.56
86A154	36	36.95	119	15.79	2.93
86A157	36	35.39	119	16.39	2.81
86A158	36	35.49	119	16.50	2.86
OCS002	36	34.48	119	20.71	3.00
OCS003	36	34.10	119	21.07	2.65
OCS004	36	35.85	119	16.83	3.05

TABLE 32.—Dunlap densities

Station Name	Latitude		Longitude		Density g/cm ³	Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min			deg	min	deg	min	
86A045	36	34.40	119	14.54	2.95	86A172	36	30.52	119	7.46	2.94
86A046	36	34.51	119	13.14	2.82	86A173	36	30.96	119	7.71	2.96
86A046A	36	34.18	119	13.41	2.83	86A174	36	31.70	119	7.49	2.65
86A047	36	34.87	119	13.14	2.81	86A174	36	31.70	119	7.49	2.65
86A048	36	35.31	119	12.96	2.87	86A175	36	32.16	119	7.59	2.82
86A049	36	35.66	119	12.70	2.85	86A176	36	32.58	119	7.52	2.84
86A050	36	36.09	119	12.53	2.85	86A177	36	32.94	119	7.38	2.67
86A051	36	36.56	119	12.40	2.81	86A178	36	33.70	119	7.71	2.70
86A052	36	36.99	119	12.29	2.84	86A179	36	33.99	119	7.95	2.86
86A053	36	37.38	119	12.20	2.83	86A180	36	33.90	119	8.11	2.95
86A100	36	45.00	119	13.24	2.73	86A181	36	33.97	119	8.48	2.63
86A101	36	44.76	119	13.75	2.70	86A182	36	34.26	119	8.74	2.82
86A105	36	42.04	119	15.00	2.71	86A183	36	34.66	119	8.89	2.80
86A106	36	43.58	119	14.54	2.78	86A184	36	34.54	119	9.15	2.78
86A107	36	43.50	119	14.02	2.76	86A185	36	34.72	119	9.46	2.81
86A108	36	43.50	119	13.61	2.78	86A186	36	34.50	119	10.01	2.80
86A109	36	42.94	119	13.30	2.83	86A187	36	34.34	119	10.57	2.74
86A110	36	42.66	119	13.36	2.74	86A188	36	34.08	119	10.91	2.77
86A111	36	41.74	119	13.19	2.82	86A189	36	33.73	119	11.49	2.82
86A112	36	41.14	119	12.58	2.79	86A190	36	33.27	119	11.70	2.84
86A113	36	43.49	119	13.11	2.78	86A191	36	41.93	119	0.07	2.67
86A114	36	43.50	119	12.53	2.84	86A194	36	43.27	119	0.17	2.61
86A115	36	43.57	119	12.17	2.89	86A195	36	43.38	119	0.46	2.63
86A116	36	43.72	119	12.02	3.04	86A196	36	43.69	119	0.82	2.58
86A117	36	43.88	119	11.71	3.42	86A197	36	44.12	119	1.30	2.63
86A118	36	43.93	119	11.33	2.73	86A198	36	44.42	119	1.54	2.61
86A119	36	43.46	119	10.89	2.86	86A199	36	44.63	119	2.02	2.63
86A120	36	43.44	119	10.41	2.80	86A200	36	44.58	119	2.25	2.69
86A121	36	43.39	119	9.90	2.88	86A201	36	44.84	119	2.68	2.81
86A122	36	43.34	119	9.16	2.93	86A202	36	44.86	119	3.04	2.79
86A123	36	43.55	119	9.18	2.76	86A203	36	44.89	119	3.39	2.76
86A124	36	43.83	119	9.21	3.35	86A204	36	44.90	119	3.78	2.77
86A125	36	43.42	119	8.36	2.71	86A205	36	44.44	119	3.35	2.72
86A126	36	42.82	119	8.09	2.75	86A206	36	44.67	119	4.02	2.75
86A127	36	43.44	119	7.64	2.67	86A207	36	44.67	119	4.72	2.67
86A128	36	41.92	119	4.64	2.68	86A208	36	44.81	119	5.26	2.69
86A129	36	41.91	119	3.92	2.71	86A209	36	44.69	119	2.80	2.76
86A130	36	41.78	119	3.84	2.65	86A210	36	44.54	119	2.97	2.71
86A131	36	41.63	119	3.26	2.69	86A211	36	44.24	119	2.84	2.68
86A132	36	41.39	119	3.02	2.71	86A212	36	43.91	119	2.71	2.72
86A133	36	41.33	119	3.44	2.69	86A213	36	43.74	119	2.98	2.74
86A134	36	39.97	119	4.60	2.74	86A214	36	43.88	119	3.35	2.70
86A135	36	39.75	119	4.83	2.78	86A215	36	44.00	119	3.85	2.69
86A136	36	41.15	119	2.72	2.66	86A216	36	44.02	119	4.16	2.75
86A137	36	41.03	119	2.26	2.73	86A217	36	43.83	119	4.44	2.73
86A138	36	41.08	119	1.99	2.80	86A218	36	43.79	119	4.93	2.75
86A139	36	41.00	119	1.73	2.70	86A219	36	43.76	119	5.28	2.75
86A140	36	41.30	119	1.14	2.72	86A220	36	42.45	119	0.61	2.66
86A141	36	40.74	119	1.12	2.68	86A221	36	37.26	119	1.07	2.67
86A142	36	40.53	119	1.04	2.63	86A222	36	36.67	119	0.93	2.73
86A143	36	39.69	119	1.00	2.71	86A223	36	36.78	119	0.31	2.74
86A144	36	39.30	119	0.76	2.75	86A224	36	35.91	119	0.51	2.73
86A145	36	38.77	119	0.76	2.74	86A225	36	35.39	119	0.83	2.71
86A146	36	38.31	119	0.75	2.72	86A226	36	35.04	119	0.64	2.76
86A147	36	37.82	119	0.83	2.74	86A228	36	34.33	119	0.90	2.81
86A155	36	36.11	119	14.75	2.60	86A229	36	34.25	119	1.31	2.67
86A156	36	36.29	119	14.31	2.88	86A229	36	34.61	119	0.68	2.76
86A159	36	34.43	119	14.14	2.82	86A230	36	33.61	119	1.37	2.75
86A160	36	34.04	119	14.31	2.75	86A231	36	33.20	119	1.01	2.74
86A161	36	33.69	119	14.17	2.53	86A232	36	31.07	119	1.10	2.73
86A162	36	31.92	119	13.87	2.93	86A233	36	30.31	119	1.23	2.77
86A163	36	31.69	119	14.08	2.99	86A234	36	30.03	119	1.20	2.79
86A164	36	30.83	119	14.66	2.96	86A235	36	30.64	119	1.17	2.72
86A165	36	30.76	119	14.70	2.83	86A236	36	31.35	119	0.87	2.77
86A166	36	30.44	119	14.40	2.91	86A237	36	31.61	119	0.70	2.66
86A167	36	30.18	119	14.13	2.89	86A238	36	32.06	119	0.60	2.75
86A168	36	30.11	119	13.26	2.93	86A239	36	32.38	119	0.59	3.01
86A169	36	30.28	119	12.62	2.86	86A240	36	32.81	119	0.61	2.83
86A170	36	30.40	119	11.37	3.02	86A241	36	37.14	119	1.28	2.69
86A171	36	30.06	119	10.61	2.73	86A242	36	37.03	119	1.92	2.79

TABLE 32.—Dunlap densities—Continued

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
86A243	36 37.03	119 2.14	2.79	86A83	36 41.41	119 9.01	2.81
86A244	36 36.81	119 2.82	2.83	86A84	36 41.96	119 8.39	2.82
86A245	36 36.84	119 3.19	2.77	86A85	36 41.58	119 8.02	2.88
86A246	36 36.58	119 3.41	2.67	86A86	36 41.78	119 7.86	2.80
86A247	36 36.55	119 3.78	2.69	86A87	36 42.29	119 7.84	2.81
86A248	36 36.74	119 4.45	2.68	86A88	36 42.70	119 7.76	2.76
86A249	36 36.47	119 5.67	2.90	86A89	36 42.85	119 7.51	2.75
86A250	36 35.25	119 6.81	2.94	86A90	36 42.93	119 7.09	2.93
86A251	36 35.17	119 7.10	2.68	86A91	36 42.94	119 6.77	2.67
86A252	36 35.03	119 7.36	2.79	86A92	36 42.82	119 6.42	2.70
86A253	36 34.77	119 7.49	2.71	86A93	36 42.62	119 6.23	2.89
86A254	36 34.33	119 7.39	2.59	86A94	36 42.13	119 5.52	2.78
86A255	36 35.38	119 6.29	2.89	86A95	36 42.59	119 5.76	2.75
86A256	36 35.71	119 6.28	2.91	86A96	36 43.46	119 6.56	2.67
86A257	36 36.06	119 6.13	2.93	86A97	36 44.30	119 7.27	2.66
86A258	36 36.57	119 5.81	2.77	86A98	36 44.53	119 8.15	2.66
86A259	36 37.06	119 6.22	2.66	86A99	36 44.58	119 9.01	2.74
86A264	36 38.66	119 7.69	2.87				
86A264	36 38.66	119 7.69	2.87				
86A265	36 38.67	119 7.89	2.85				
86A265	36 38.67	119 7.89	2.85				
86A266	36 38.81	119 8.30	2.89				
86A266	36 38.81	119 8.30	2.89				
86A267	36 38.81	119 9.28	2.91				
86A267	36 38.81	119 9.28	2.91				
86A268	36 38.73	119 9.60	2.85				
86A268	36 38.73	119 9.60	2.85				
86A269	36 38.66	119 10.12	2.79				
86A269	36 38.66	119 10.12	2.79				
86A270	36 38.57	119 10.51	2.70				
86A270	36 38.57	119 10.51	2.70				
86A271	36 38.23	119 10.95	2.79				
86A271	36 38.23	119 10.95	2.79				
86A272	36 38.19	119 11.45	2.78				
86A272	36 38.19	119 11.45	2.78				
86A273	36 37.65	119 12.14	2.82				
86A273	36 37.65	119 12.14	2.82				
86A275	36 42.25	119 0.11	2.65				
86A276	36 41.71	119 0.22	2.59				
86A277	36 41.73	119 0.58	2.73				
86A278	36 41.18	119 0.56	2.72				
86A279	36 40.88	119 0.43	2.74				
86A280	36 40.55	119 0.20	2.68				
86A281	36 38.84	119 0.08	2.66				
86A282	36 38.33	119 0.13	2.71				
86A283	36 37.83	119 0.32	2.68				
86A54	36 38.09	119 11.94	2.79				
86A60	36 37.55	119 14.90	2.72				
86A61	36 37.72	119 14.63	2.84				
86A62	36 38.41	119 14.55	2.65				
86A63	36 38.77	119 14.34	2.70				
86A64	36 39.14	119 14.10	2.75				
86A65	36 39.40	119 13.72	2.75				
86A66	36 39.63	119 13.44	2.81				
86A67	36 39.89	119 13.30	2.75				
86A68	36 39.90	119 12.94	2.81				
86A69	36 40.38	119 12.62	2.74				
86A70	36 40.64	119 12.49	2.88				
86A71	36 40.95	119 12.39	2.83				
86A72	36 41.28	119 12.13	2.84				
86A73	36 41.23	119 11.72	2.77				
86A74	36 40.68	119 11.31	2.83				
86A75	36 40.94	119 10.93	2.79				
86A76	36 40.90	119 10.47	2.81				
86A77	36 41.12	119 10.23	2.76				
86A78	36 41.19	119 10.46	2.81				
86A79	36 41.16	119 9.97	2.82				
86A80	36 41.33	119 9.82	2.84				
86A81	36 41.58	119 9.68	2.83				
86A82	36 41.60	119 9.61	2.81				

TABLE 33.—Giant Forest densities

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
8 6 A 311 A	36	33.01	118	48.80	3.13
8 6 A 311 B	36	33.01	118	48.80	3.17
8 6 A 312	36	32.57	118	53.68	2.66
8 6 A 313	36	33.44	118	53.54	2.66
8 7 G 4	36	30.10	118	49.14	2.63
8 7 M 10	36	31.66	118	49.13	3.11
8 7 M 11 A	36	32.19	118	49.05	2.97
8 7 M 11 B	36	32.19	118	49.05	2.93
8 7 M 13	36	31.03	118	47.05	2.74
8 7 M 21	36	32.14	118	48.11	3.11
8 7 M 31	36	37.53	118	49.55	2.63
8 7 M 32	36	38.02	118	50.99	2.61
8 7 M 33	36	38.05	118	50.59	2.71
8 3 s 204	36	32.40	118	47.32	2.72
8 3 s 205	36	32.48	118	46.84	2.70
8 3 s 206	36	32.48	118	46.84	2.68
8 3 s 207	36	32.56	118	47.02	2.60
8 3 s 218	36	32.61	118	46.93	2.73
8 3 s 219	36	32.75	118	47.04	2.72
8 3 s 220	36	32.89	118	47.06	2.75
8 3 s 221	36	33.01	118	47.65	2.74
8 3 s 222	36	33.08	118	48.05	2.68
8 3 s 226	36	32.42	118	51.15	2.63
8 3 s 228	36	32.42	118	50.85	2.63
8 3 s 229	36	32.36	118	50.89	2.77
8 3 s 230	36	32.49	118	52.67	2.67
8 3 s 232	36	34.21	118	47.55	2.66
8 3 s 233	36	34.43	118	45.69	2.62
8 3 s 234 a	36	34.40	118	48.34	3.14
8 3 s 234 b	36	34.40	118	48.34	2.80
8 3 s 240	36	34.60	118	48.68	2.57
8 3 s 242	36	30.23	118	54.33	2.63
8 3 s 248	36	30.70	118	54.04	2.93
8 3 s 249	36	31.09	118	53.91	2.96
8 3 s 250	36	31.61	118	53.42	3.06
8 3 s 251	36	31.93	118	53.32	3.01
8 3 s 252	36	32.19	118	53.57	2.99
8 3 s 253	36	32.25	118	53.44	2.91
8 3 s 285	36	32.30	118	53.59	2.62
8 3 s 286	36	32.43	118	53.33	3.06
8 3 s 287	36	34.15	118	53.57	3.02
8 3 s 289	36	34.03	118	57.34	2.75
8 5 s 19	36	36.57	118	54.91	2.62
8 5 s 26	36	36.11	118	52.60	2.80
8 7 M 131	36	30.06	118	48.69	2.64
8 7 M 132	36	30.18	118	48.69	2.62
8 7 M 133	36	30.33	118	48.55	2.66
8 7 M 134	36	30.55	118	48.41	2.83
8 7 M 135	36	30.84	118	48.15	2.66
8 7 M 136	36	30.85	118	47.94	2.80
8 7 M 137	36	30.83	118	47.52	2.75
8 7 M 138	36	31.02	118	47.15	2.63
8 7 M 139	36	30.97	118	46.97	2.73
8 7 M 140	36	31.09	118	46.84	2.77
8 7 M 144	36	33.66	118	46.48	2.66
8 7 M 143	36	33.34	118	46.45	2.75
8 7 M 142	36	33.21	118	46.65	2.73
8 7 M 141	36	32.63	118	46.63	2.70
8 7 M 145	36	32.83	118	45.84	2.75
8 7 M 146	36	33.14	118	45.48	2.74
8 7 M 147	36	33.21	118	45.16	2.76
8 6 A 192	36	42.15	118	60.00	2.63
8 6 A 193	36	43.18	118	59.99	2.55
TD 1 28	36	44.74	118	54.24	2.77

TABLE 34.—Triple Divide Peak densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
TD001	36 43.92	118 44.65	2.69	TD071	36 32.90	118 35.18	2.64
TD002	36 43.78	118 42.88	2.76	TD072	36 32.01	118 35.46	2.65
TD003	36 43.50	118 41.49	2.74	TD073	36 31.78	118 36.02	2.75
TD004	36 44.50	118 40.56	2.66	TD074	36 31.41	118 35.21	2.64
TD005	36 43.47	118 40.96	2.74	TD075	36 30.92	118 34.71	2.62
TD006	36 43.67	118 39.46	2.66	TD076	36 30.74	118 35.20	2.73
TD007	36 43.90	118 35.69	2.70	TD077	36 42.78	118 40.48	2.64
TD008	36 43.19	118 35.81	2.70				
TD009	36 43.13	118 33.78	2.70				
TD010	36 43.91	118 31.45	2.69				
TD011	36 43.47	118 30.72	2.69				
TD012	36 39.46	118 38.43	2.73				
TD013	36 39.43	118 36.90	2.77				
TD014	36 38.51	118 41.15	2.61				
TD015	36 38.09	118 39.79	2.74				
TD016	36 38.25	118 41.23	2.61				
TD017	36 36.71	118 39.79	2.70				
TD018	36 37.15	118 38.75	2.76				
TD019	36 38.38	118 37.79	2.74				
TD020	36 38.17	118 37.12	2.77				
TD021	36 37.81	118 36.23	2.74				
TD022	36 37.49	118 35.42	2.66				
TD023	36 37.72	118 32.96	2.73				
TD024	36 37.10	118 30.03	2.68				
TD025	36 36.59	118 33.99	2.68				
TD026	36 36.28	118 35.51	2.73				
TD027	36 35.99	118 36.43	2.72				
TD028	36 36.01	118 34.26	2.64				
TD029	36 35.75	118 34.86	2.63				
TD030	36 35.25	118 34.50	2.63				
TD031	36 35.01	118 34.30	2.60				
TD032	36 34.75	118 34.04	2.62				
TD033	36 34.58	118 33.29	2.64				
TD034	36 34.80	118 32.53	2.65				
TD035	36 35.74	118 32.92	2.74				
TD036	36 35.70	118 31.66	2.61				
TD037	36 35.45	118 32.32	2.60				
TD038	36 35.44	118 30.77	2.63				
TD039	36 34.83	118 30.70	2.65				
TD040	36 34.23	118 30.97	2.65				
TD041	36 34.70	118 31.73	2.63				
TD042	36 34.12	118 32.10	2.61				
TD043	36 33.83	118 31.49	2.68				
TD044	36 33.78	118 32.44	2.65				
TD045	36 33.37	118 33.02	2.61				
TD046	36 32.35	118 31.38	2.67				
TD047	36 32.37	118 30.60	2.67				
TD048	36 32.03	118 31.66	2.67				
TD049	36 31.04	118 31.86	2.69				
TD050	36 30.92	118 32.47	2.70				
TD051	36 30.25	118 32.41	2.62				
TD052	36 35.20	118 38.14	2.74				
TD053	36 34.26	118 39.38	2.72				
TD054	36 34.49	118 41.87	2.65				
TD055	36 34.03	118 43.23	2.71				
TD056	36 32.70	118 41.42	2.71				
TD057	36 32.28	118 38.42	2.70				
TD058	36 30.99	118 39.42	2.76				
TD059	36 30.69	118 39.35	2.70				
TD060	36 32.17	118 37.71	2.70				
TD061	36 33.16	118 36.36	2.69				
TD062	36 33.50	118 35.24	2.63				
TD063	36 33.62	118 34.23	2.95				
TD064	36 33.52	118 34.15	2.94				
TD065	36 33.50	118 34.03	2.93				
TD066	36 33.49	118 33.97	2.77				
TD067	36 33.46	118 33.90	2.77				
TD068	36 33.40	118 33.87	2.95				
TD069	36 33.12	118 34.27	2.63				
TD070	36 33.17	118 34.66	2.64				

TABLE 35.-Mount Whitney densities

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
MW001	36 44.28	118 29.71	2.66	MW071	36 43.28	118 18.08	2.68
MW002	36 44.96	118 28.53	2.68	MW072	36 43.37	118 17.96	2.64
MW003	36 44.95	118 26.37	2.68	MW073	36 43.48	118 17.09	2.73
MW004	36 44.06	118 25.52	2.64	MW074	36 42.88	118 15.87	2.59
MW005	36 44.10	118 26.21	2.67	MW075	36 42.68	118 16.40	2.70
MW006	36 43.91	118 26.70	2.66	MW076	36 42.65	118 19.18	2.64
MW007	36 43.12	118 28.13	2.68	MW077	36 42.88	118 19.59	2.60
MW008	36 42.82	118 27.80	2.68	MW078	36 42.64	118 21.05	2.62
MW009	36 43.20	118 26.96	2.67	MW079	36 41.78	118 21.61	2.62
MW010	36 43.33	118 26.00	2.68	MW080	36 41.55	118 18.99	2.61
MW011	36 42.51	118 26.38	2.69	MW081	36 41.69	118 18.74	2.63
MW012	36 42.61	118 25.34	2.68	MW082	36 41.93	118 18.01	2.64
MW013	36 42.50	118 28.99	2.70	MW083	36 41.48	118 16.84	2.72
MW014	36 42.45	118 28.69	2.70	MW084	36 41.34	118 15.54	2.62
MW015	36 42.62	118 28.07	2.61	MW085	36 41.10	118 18.02	2.64
MW016	36 41.77	118 28.53	2.66	MW086	36 40.78	118 19.15	2.63
MW017	36 41.83	118 28.08	2.67	MW087	36 40.67	118 19.24	2.68
MW018	36 41.47	118 27.91	2.68	MW088	36 40.37	118 19.76	2.67
MW019	36 41.85	118 26.30	2.68	MW089	36 40.18	118 20.38	2.68
MW020	36 41.75	118 25.28	2.68	MW090	36 40.01	118 19.71	2.68
MW021	36 41.58	118 26.08	2.69	MW091	36 39.46	118 19.65	2.67
MW022	36 41.19	118 25.72	2.67	MW092	36 39.37	118 18.68	2.62
MW023	36 41.28	118 24.56	2.64	MW093	36 39.28	118 17.65	2.60
MW024	36 40.87	118 25.06	2.68	MW094	36 40.35	118 17.10	2.62
MW025	36 40.56	118 26.04	2.61	MW095	36 39.87	118 16.91	2.60
MW026	36 40.79	118 27.75	2.67	MW096	36 39.55	118 16.61	2.62
MW027	36 39.81	118 27.25	2.66	MW097	36 39.52	118 16.27	2.66
MW028	36 37.06	118 29.97	2.68	MW098	36 39.42	118 16.48	2.62
MW029	36 35.64	118 29.64	2.72	MW099	36 38.46	118 17.30	2.63
MW030	36 35.48	118 29.21	2.77	MW100	36 38.47	118 16.56	2.62
MW031	36 35.79	118 28.58	2.69	MW101	36 38.15	118 16.52	2.60
MW032	36 35.44	118 28.00	2.69	MW102	36 38.13	118 16.96	2.62
MW033	36 35.29	118 27.88	2.70	MW103	36 37.78	118 17.98	2.62
MW034	36 34.84	118 26.97	2.67	MW104	36 37.93	118 17.25	2.62
MW035	36 34.74	118 26.13	2.67	MW105	36 37.46	118 18.11	2.64
MW036	36 34.66	118 24.75	2.70	MW106	36 37.33	118 17.87	2.62
MW037	36 33.84	118 26.67	2.67	MW107	36 37.23	118 17.06	2.73
MW038	36 32.80	118 29.65	2.67	MW108	36 36.63	118 17.56	2.66
MW039	36 31.53	118 28.66	2.60	MW109	36 36.51	118 16.75	2.66
MW040	36 31.96	118 27.25	2.60	MW110	36 36.63	118 16.65	2.66
MW041	36 32.14	118 26.06	2.64	MW111	36 36.52	118 16.19	2.64
MW042	36 31.37	118 27.44	2.63	MW112	36 36.98	118 15.55	2.74
MW043	36 30.76	118 28.88	2.70	MW113	36 36.69	118 15.22	2.71
MW044	36 30.76	118 28.10	2.66	MW114	36 36.44	118 15.49	2.70
MW045	36 30.64	118 25.42	2.66	MW115	36 36.28	118 15.33	2.66
MW046	36 30.76	118 24.46	2.61	MW116	36 36.18	118 15.21	2.67
MW047	36 30.24	118 24.87	2.66	MW117	36 36.05	118 15.33	2.69
MW048	36 37.08	118 24.59	2.66	MW118	36 35.97	118 15.47	2.64
MW049	36 37.60	118 24.58	2.66	MW119	36 35.17	118 15.07	2.66
MW050	36 37.16	118 24.14	2.66	MW120	36 34.41	118 15.19	2.64
MW051	36 38.19	118 23.42	2.64	MW121	36 32.26	118 15.92	2.65
MW052	36 39.04	118 23.88	2.64	MW122	36 30.60	118 15.80	2.62
MW053	36 39.17	118 22.73	2.64	MW123	36 32.95	118 21.75	2.62
MW054	36 38.80	118 22.36	2.66	MW124	36 30.50	118 21.70	2.68
MW055	36 38.96	118 21.97	2.64	MW125	36 37.33	118 19.80	2.66
MW056	36 39.40	118 20.94	2.60				
MW057	36 38.94	118 20.38	2.70				
MW058	36 39.87	118 20.90	2.71				
MW059	36 41.66	118 22.31	2.67				
MW060	36 42.24	118 23.70	2.63				
MW061	36 42.56	118 24.13	2.63				
MW062	36 42.61	118 22.54	2.68				
MW063	36 44.21	118 23.40	2.60				
MW064	36 44.19	118 21.67	2.61				
MW065	36 44.48	118 20.45	2.62				
MW066	36 43.53	118 19.57	2.57				
MW067	36 43.62	118 19.20	2.65				
MW068	36 43.61	118 21.20	2.61				
MW069	36 44.81	118 16.80	2.62				
MW070	36 43.29	118 18.42	2.68				

TABLE 36.—*Ezeter densities*

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
87M115	36	24.19	119	0.03	2.72
87M117	36	24.12	119	0.68	2.70
87M118	36	24.06	119	1.74	2.60
87M119	36	25.83	119	1.59	2.67
87M120	36	27.51	119	1.69	2.78
87M121	36	27.96	119	1.57	2.74
87M122	36	29.95	119	1.10	2.75
87M40	36	17.66	119	5.70	2.69
87M41	36	18.02	119	5.61	2.91
87M42	36	18.04	119	4.90	2.94
87M43	36	17.11	119	3.48	2.97
87M44	36	16.36	119	2.36	3.04
87M45	36	16.14	119	1.46	2.57
87M46	36	16.08	119	0.88	2.73
87M56	36	16.63	119	4.74	2.86
87M57	36	16.53	119	4.93	3.05
87M58	36	16.46	119	5.32	3.01
87M59	36	20.31	119	3.88	2.72
87M60	36	21.06	119	2.96	2.79
87M61	36	21.63	119	2.24	2.73
87M62	36	22.12	119	1.81	2.77
87M63	36	22.51	119	0.63	2.71
87M64	36	24.50	119	1.37	2.64
87M65	36	24.38	119	2.30	2.64
87M66	36	24.32	119	3.14	2.78
87M67	36	25.35	119	5.33	2.75
87M68	36	26.83	119	6.31	2.77
87M69	36	26.86	119	6.50	2.73
87M70	36	27.93	119	8.23	2.71
87M71	36	28.28	119	8.47	2.77
87M72	36	28.29	119	8.75	2.78
87M73	36	29.11	119	9.19	2.75
87M74	36	28.28	119	9.79	2.92
87M75	36	27.97	119	10.01	2.86
87M76	36	28.32	119	10.04	3.09
87M77	36	25.70	119	11.88	2.88
87M78	36	25.67	119	12.11	2.90
87M79	36	22.70	119	9.38	2.86
87M80	36	22.70	119	9.65	2.70
87M81	36	21.88	119	10.02	2.84

TABLE 37.—*Kaweah densities*

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
87M100	36 23.62	118 52.74	2.81
87M101	36 23.77	118 52.85	2.77
87M102	36 24.99	118 55.32	2.85
87M103	36 24.79	118 55.51	2.83
87M104	36 24.69	118 55.72	2.85
87M105	36 24.65	118 56.15	2.86
87M106	36 24.56	118 56.73	2.67
87M107	36 24.34	118 56.89	2.66
87M108	36 23.22	118 56.76	2.75
87M109	36 23.59	118 56.74	2.82
87M110	36 23.56	118 56.76	2.73
87M111	36 23.31	118 57.44	2.73
87M112	36 23.68	118 58.00	2.80
87M113	36 23.85	118 58.30	2.67
87M114	36 23.85	118 59.03	2.75
87M115	36 24.03	118 59.38	2.65
87M116	36 24.26	118 59.76	2.70
87M124	36 25.94	118 54.51	2.77
87M125	36 26.20	118 54.23	2.78
87M126	36 26.67	118 54.08	2.74
87M127	36 27.04	118 53.69	2.73
87M128	36 27.21	118 53.43	2.73
87M129	36 27.45	118 53.03	2.70
87M130	36 29.91	118 48.95	2.65
87M148	36 29.17	118 50.31	2.67
87M149	36 28.95	118 50.22	2.87
87M150	36 28.73	118 50.32	2.78
87M151	36 28.47	118 50.98	2.65
87M152	36 28.20	118 51.46	2.90
87M153	36 27.91	118 52.04	2.72
87M164	36 28.10	118 51.33	2.79
87M155	36 28.25	118 50.53	2.67
87M156	36 27.77	118 49.90	2.88
87M157	36 27.47	118 49.56	2.59
87M158	36 27.31	118 49.51	2.61
87M159	36 27.29	118 49.32	2.64
87M160	36 27.24	118 49.01	2.61
87M161	36 27.17	118 48.74	2.63
87M162	36 27.03	118 48.43	2.68
87M163	36 27.01	118 48.02	2.67
87M164	36 27.00	118 47.69	2.75
87M165	36 26.93	118 47.48	2.73
87M166	36 27.18	118 47.33	2.74
87M167	36 26.79	118 46.58	2.71
87M168	36 26.85	118 46.40	2.76
87M169	36 25.89	118 45.74	2.61
87M170	36 25.83	118 45.18	2.64
87M47	36 16.05	118 59.62	2.74
87M48	36 16.35	118 59.16	2.82
87M49	36 16.51	118 58.73	2.86
87M50	36 16.58	118 58.08	2.92
87M51	36 16.81	118 57.48	2.78
87M52	36 16.38	118 56.56	2.80
87M53	36 16.35	118 55.85	2.71
87M54	36 16.25	118 55.47	2.75
87M55	36 16.07	118 55.04	2.82
87M82	36 27.50	118 52.17	2.61
87M83	36 21.65	118 48.63	2.64
87M84	36 21.50	118 48.36	2.65
87M85	36 21.62	118 48.13	2.73
87M86	36 21.43	118 47.95	2.72
87M87	36 21.29	118 47.68	2.70
87M88	36 21.19	118 47.62	2.69
87M89	36 21.16	118 47.53	2.68
87M90	36 21.24	118 47.30	2.69
87M91	36 21.21	118 46.99	2.67
87M92	36 21.05	118 46.72	2.70
87M93	36 21.79	118 48.73	2.65
87M94	36 21.78	118 48.93	2.64
87M95	36 21.66	118 49.14	2.83

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
87M96	36 21.71	118 49.34	2.70
87M97	36 21.81	118 49.63	2.95
87M98	36 22.26	118 50.61	2.77
87M99	36 22.32	118 50.94	2.61

TABLE 38.—*Mineral King densities*

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
87M 19	36	25.56	118	36.56	2.65
87M 20	36	25.76	118	40.61	2.70
87M 22	36	23.11	118	39.56	2.63
87M 23	36	23.52	118	36.56	2.67
87M 27	36	18.29	118	36.39	2.66
87MK1	36	24.97	118	37.02	2.67
87MK4	36	25.18	118	37.91	2.79
87MK7	36	21.55	118	43.17	2.73
87MK10	36	19.79	118	43.65	2.62
87MK11	36	21.36	118	40.25	2.68
87MK12	36	19.39	118	42.78	2.60
87MK13	36	19.69	118	41.43	2.61
87MK14A	36	18.55	118	36.64	2.81
87MK14B	36	18.55	118	36.64	2.92
87MK14C	36	18.55	118	36.64	2.86
87MK15	36	18.55	118	36.64	2.66
87M 171	36	25.93	118	44.68	2.66
87M 172	36	26.06	118	44.27	2.65
87M 173	36	26.22	118	43.92	2.64
87M 174	36	26.61	118	42.95	2.68
87M 175	36	26.79	118	42.31	2.69
87M 176	36	26.95	118	42.13	2.67
87M 177	36	27.20	118	42.17	2.83
87M 178	36	27.03	118	41.80	2.78
87M 179	36	27.11	118	41.29	2.75
87M 180	36	27.32	118	41.29	2.76
87M 181	36	27.92	118	39.85	2.78
87M 182	36	28.01	118	39.03	2.74
87M 183	36	27.94	118	38.47	2.72
87M 184	36	27.87	118	38.27	2.72
87M 185	36	27.75	118	37.94	2.70
87M 186	36	27.61	118	37.80	2.71
87M 187	36	27.40	118	37.44	2.72
87M 188	36	27.33	118	37.25	2.76
87M 189	36	27.10	118	36.83	2.76
87M 190	36	27.14	118	36.51	2.74

TABLE 39.—Kern Peak densities

Station Name	Latitude		Longitude		Density g/cm ³
	deg	min	deg	min	
1M 32	36	26.62	118	26.36	2.65
1M 33	36	27.47	118	28.48	2.69
1M 34	36	27.30	118	28.94	2.71
1M 35	36	25.17	118	25.80	2.63
1M 38	36	24.43	118	26.21	2.63
1M 41	36	21.74	118	27.56	2.61
1M 43	36	19.08	118	26.54	2.63
1M 44	36	18.94	118	26.63	2.60
1M 45	36	18.74	118	26.79	2.62
1M 46	36	16.63	118	27.22	2.90
1M 47	36	17.56	118	25.44	2.63
1M 50	36	15.81	118	26.56	2.62
1M 201	36	25.05	118	28.19	2.63
1M 203	36	23.32	118	29.53	2.62
1M 204	36	24.53	118	25.44	2.66
1M 205	36	24.43	118	26.21	2.61
1M 213	36	21.23	118	28.87	2.86
1M 217 ^a	36	20.63	118	25.08	2.63
1M 217 ^b	36	20.62	118	25.08	2.60
7 - 19	36	26.56	118	23.88	2.71
7 - 214	36	23.37	118	22.36	2.66
7 - 221	36	18.51	118	17.22	2.60
7 - 228	36	26.51	118	25.62	2.66
7 - 230	36	25.01	118	24.10	2.65
7 - 237	36	25.30	118	24.90	2.66
7 - 241	36	28.80	118	24.51	2.67
7 - 244	36	20.25	118	24.17	2.72
77 - 7	36	25.43	118	23.51	2.67
8 2 K1	36	23.07	118	20.53	2.72
8 2 K9	36	22.62	118	21.52	2.67
8 2 K10 ^a	36	23.10	118	21.96	2.70
8 2 K13	36	21.43	118	23.67	2.67
8 2 K18	36	20.03	118	22.30	2.73
8 2 K21	36	17.96	118	22.57	2.58
8 2 K44	36	15.97	118	27.81	2.60
8 2 K48	36	15.56	118	27.19	2.66
8 2 K55	36	16.22	118	28.53	2.64
8 2 K101	36	21.95	118	22.52	2.73
8 2 K106	36	20.81	118	19.69	2.64
8 2 K108	36	20.70	118	20.44	2.67
8 2 K125	36	18.47	118	22.29	2.61
8 2 K128	36	17.71	118	21.06	2.62

TABLE 40.—*Olancha densities*

Station Name	Latitude deg min	Longitude deg min	Density g/cm ³	Station Name	Latitude deg min	Longitude deg min	Density g/cm ³
O 0 01	36 29.54	118 14.19	2.64	O07100000	36 17.21	118 8.83	2.60
O 0 02	36 29.47	118 11.79	2.64	O072	36 16.73	118 8.59	2.63
O 0 03	36 27.91	118 10.37	2.63	O073	36 16.50	118 7.79	2.92
O 0 04	36 28.65	118 9.12	2.64	O074	36 16.18	118 8.31	2.62
O 0 05	36 28.77	118 7.54	2.63	O075	36 15.50	118 7.89	2.70
O 0 06	36 28.63	118 7.29	2.64	O076	36 16.83	118 5.82	2.62
O 0 07	36 28.46	118 7.16	2.64	O077	36 16.76	118 5.17	2.73
O 0 08	36 28.04	118 7.95	2.61	O078	36 17.00	118 4.91	2.63
O 0 09	36 27.85	118 8.28	2.63	O079	36 17.40	118 4.54	2.62
O 0 10	36 27.80	118 6.74	2.62	O080	36 17.69	118 4.21	2.63
O 0 11	36 28.01	118 5.97	2.64	O081	36 17.11	118 3.33	2.68
O 0 12	36 27.50	118 6.28	2.64	O082	36 17.29	118 2.98	2.68
O 0 13	36 27.82	118 5.53	2.64	O083	36 15.72	118 3.11	2.70
O 0 14	36 27.76	118 5.47	2.65	O084	36 15.17	118 4.01	2.64
O 0 15	36 27.85	118 4.18	2.60	O085	36 15.15	118 4.79	2.61
O 0 16	36 27.37	118 3.44	2.60	O086	36 15.18	118 4.25	2.61
O 0 17	36 26.19	118 2.74	2.64				
O 0 18	36 25.50	118 4.34	2.66				
O 0 19	36 25.14	118 4.87	2.64				
O 0 20	36 24.71	118 3.59	2.62				
O 0 21	36 23.04	118 2.97	2.64				
O 0 22	36 22.65	118 3.29	2.62				
O 0 23	36 23.42	118 4.41	2.66				
O 0 24	36 24.08	118 5.81	2.66				
O 0 25	36 24.05	118 7.41	2.61				
O 0 26	36 24.53	118 8.02	2.66				
O 0 27	36 25.58	118 10.43	2.65				
O 0 28	36 25.63	118 11.35	2.63				
O 0 29	36 24.38	118 12.70	2.63				
O 0 30	36 24.00	118 14.02	2.65				
O 0 31	36 23.56	118 14.78	2.69				
O 0 32	36 22.62	118 13.32	2.66				
O 0 33	36 22.97	118 11.22	2.60				
O 0 34	36 26.52	118 8.72	2.61				
O 0 35	36 26.28	118 8.57	2.62				
O 0 36	36 26.55	118 8.28	2.60				
O 0 37	36 26.61	118 7.94	2.62				
O 0 38	36 23.74	118 8.19	2.66				
O 0 39	36 23.42	118 7.54	2.81				
O 0 40	36 23.30	118 7.69	2.61				
O 0 41	36 23.17	118 6.78	2.70				
O 0 42	36 23.21	118 6.62	2.65				
O 0 43	36 23.17	118 6.78	2.70				
O 0 44	36 23.12	118 5.62	2.64				
O 0 45	36 22.17	118 11.06	2.62				
O 0 46	36 21.56	118 6.43	2.62				
O 0 47	36 20.30	118 2.25	2.64				
KW	36 20.12	118 10.80	2.60				
O 0 49	36 18.52	118 13.87	2.68				
O 0 50	36 18.46	118 9.75	2.65				
O 0 51	36 18.11	118 6.19	2.62				
O 0 52	36 18.41	118 4.42	2.63				
O 0 53	36 18.37	118 3.39	2.66				
O 0 54	36 18.39	118 3.06	2.77				
O 0 55	36 16.60	118 14.55	2.63				
O 0 56	36 16.53	118 14.60	2.67				
O 0 57	36 15.03	118 13.09	2.65				
O 0 58	36 15.90	118 12.90	2.65				
O 0 59	36 16.18	118 12.10	2.75				
O 0 60	36 15.62	118 12.03	2.73				
O 0 61	36 15.61	118 12.03	2.65				
O 0 62	36 15.33	118 12.84	2.65				
O 0 63	36 15.06	118 12.62	2.64				
O 0 64	36 15.24	118 11.23	2.61				
O 0 65	36 16.12	118 11.16	2.65				
O 0 66	36 16.15	118 10.57	2.64				
O 0 67	36 17.62	118 11.50	2.60				
O 0 68	36 16.92	118 10.73	2.56				
O 0 69	36 16.93	118 10.38	2.60				
O 0 70	36 17.35	118 9.47	2.69				

Table 41.--Averages and ranges of densities listed by quadrangle.

Table	Average of densities	Range of densities	Number of samples	Name of 15' quadrangle
1	2.72	2.53 - 3.02	272	Lake Eleanor
2	2.68	2.58 - 2.94	220	Hetch Hetchy Reservoir
3	2.67	2.55 - 2.83	409	Tuolumne Meadows
4	2.68	2.42 - 3.14	86	Mono Craters
5	2.71	2.59 - 3.02	43	Cowtract Mountain
6	2.67	2.50 - 3.09	89	Glass Mountain
7	2.69	2.52 - 3.03	61	El Portal
8	2.68	2.51 - 2.99	449	Yosemite
9	2.68	2.56 - 2.99	382	Merced Peak
10	2.66	2.57 - 2.86	127	Devil's Postpile
11	2.74	2.61 - 2.86	222	Mariposa
12	2.68	2.51 - 2.86	213	Bass Lake
13	2.69	2.57 - 2.85	263	Shuteye Peak
14	2.68	2.59 - 2.86	242	Kaiser Peak
15	2.68	2.59 - 2.86	308	Mount Abbot
16	2.64	2.58 - 2.74	78	Mount Tom
17	2.64	2.60 - 2.68	9	Bishop
18	2.68	2.53 - 2.80	131	Raymond
19	2.71	2.52 - 2.90	243	Millerton Lake
20	2.72	2.52 - 3.29	359	Shaver Lake
21	2.68	2.57 - 2.86	308	Huntington Lake
22	2.68	2.59 - 2.79	136	Blackcap Mountain
23	2.67	2.57 - 2.78	145	Mount Goddard
24	2.65	2.56 - 2.78	81	Big Pine
25	2.73	2.60 - 3.00	34	Clovis
26	2.76	2.51 - 3.07	122	Watts Valley
27	2.72	2.51 - 3.07	112	Patterson Mountain
28	2.68	2.54 - 2.89	127	Tehipite Dome
29	2.68	2.57 - 2.84	154	Marion Peak
30	2.65	2.56 - 2.82	197	Mount Pinchot
31	2.83	2.56 - 3.14	61	Orange Cove
32	2.78	2.53 - 3.42	227	Dunlap
33	2.77	2.55 - 3.17	64	Giant Forest
34	2.70	2.60 - 2.95	77	Triple Divide
35	2.66	2.57 - 2.77	125	Mount Whitney
36	2.80	2.57 - 3.09	40	Exeter
37	2.73	2.59 - 2.95	74	Kaweah
38	2.71	2.60 - 2.92	36	Mineral King
39	2.66	2.58 - 2.90	42	Kern Peak
40	2.65	2.56 - 2.92	86	Olancha
Summary: 1-40	2.69	2.42 - 3.42	6454	40 quads

APPENDIX

Information about available diskette

PRINCIPAL FACTS FOR 6,454 DENSITY MEASUREMENTS OF SAMPLES FROM THE
CENTRAL PART OF THE SIERRA NEVADA BATHOLITH, CALIFORNIA

BY

Robert F. Sikora, James G. Moore and Howard W. Oliver

Open-File Report 91-570-B

Part B of this report is a 3 1/2 inch diskette, double-sided, high-density (1.44 MB), containing the data files in *ASCII* format.

Requirements for part B: *IBM PC*® or compatible, *DOS*® v. 2.0 or higher, with a 3 1/2 inch disk drive or a *Macintosh*® with a *Super Drive*™ and *Apple File Exchange*® software to convert from *PC* to *MAC*.

Files contained on diskette:

README.D -- Description of diskette, principal facts format table.

01.D -- Lake Eleanor densities
02.D -- Hetch Hetchy densities
03.D -- Tuolumne Meadows densities
04.D -- Mono Craters densities
05.D -- Cowtrack Mountain densities
06.D -- Glass Mountain densities
07.D -- El Portal densities
08.D -- Yosemite densities
09.D -- Merced Peak densities
10.D -- Devils Postpile densities
11.D -- Mariposa densities
12.D -- Bass Lake densities
13.D -- Shuteye Peak densities
14.D -- Kaiser Peak densities
15.D -- Mount Abbot densities
16.D -- Mount Tom densities
17.D -- Bishop densities
18.D -- Raymond densities
19.D -- Millerton Lake densities
20.D -- Shaver Lake densities
21.D -- Huntington Lake densities
22.D -- Blackcap Mountain densities
23.D -- Mount Goddard densities
24.D -- Big Pine densities
25.D -- Clovis densities
26.D -- Watts Valley densities
27.D -- Patterson Mountain densities
28.D -- Tehipite Dome densities
29.D -- Marion Peak densities
30.D -- Mount Pinchot densities
31.D -- Orange Cove densities
32.D -- Dunlap densities
33.D -- Giant Forest densities
34.D -- Triple Divide Peak densities
35.D -- Mount Whitney densities
36.D -- Exeter densities
37.D -- Kaweah densities
38.D -- Mineral King densities
39.D -- Kern Peak densities
40.D -- Olancho densities

REF.D -- References as listed in part A.