

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEYGEOLOGIC MAP INDEX
OF
HAWAIICompiled by
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1977

GENERAL INFORMATION

Geologic map indexes include maps published by the U.S. Geological Survey, State and commercial organizations, universities, and professional societies. Geological Survey open-file reports and maps also are shown, but no attempt is made to include theses or open-file material of other organizations. All maps outlined on the index are at a scale 1:250,000 or larger. All show areal geology in as much detail or more than the State geologic maps.

The formal publications can be consulted in many large public and university libraries. Inquiries about cost and availability of maps not published by the U.S. Geological Survey should be directed to the individual publisher and not to the U.S. Geological Survey.

The map areas on this index are keyed to one or more bibliographic citations. Some map areas may refer to geologic reports containing one or more areal maps and several very large-scale locality maps, of which only the areal coverage is outlined; reference is made to the locality maps in the citation. The index is separated into three scale ranges. Map outlines representative of two or more of these ranges will appear on two or more of the index sheets.

References to open-file reports and maps are followed by letter symbols designating libraries where they can be consulted. All depositories are U.S. Geological Survey offices unless a State Geological Survey or other organization is specifically indicated. The following symbols are used to indicate the major U.S. Geological Survey depositories:

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Db Public Inquiries Office, 1012 Federal Building, 1961 Stout St., Denver, Colorado 80294.

M Library, 345 Middlefield Road, Menlo Park, California 94025.

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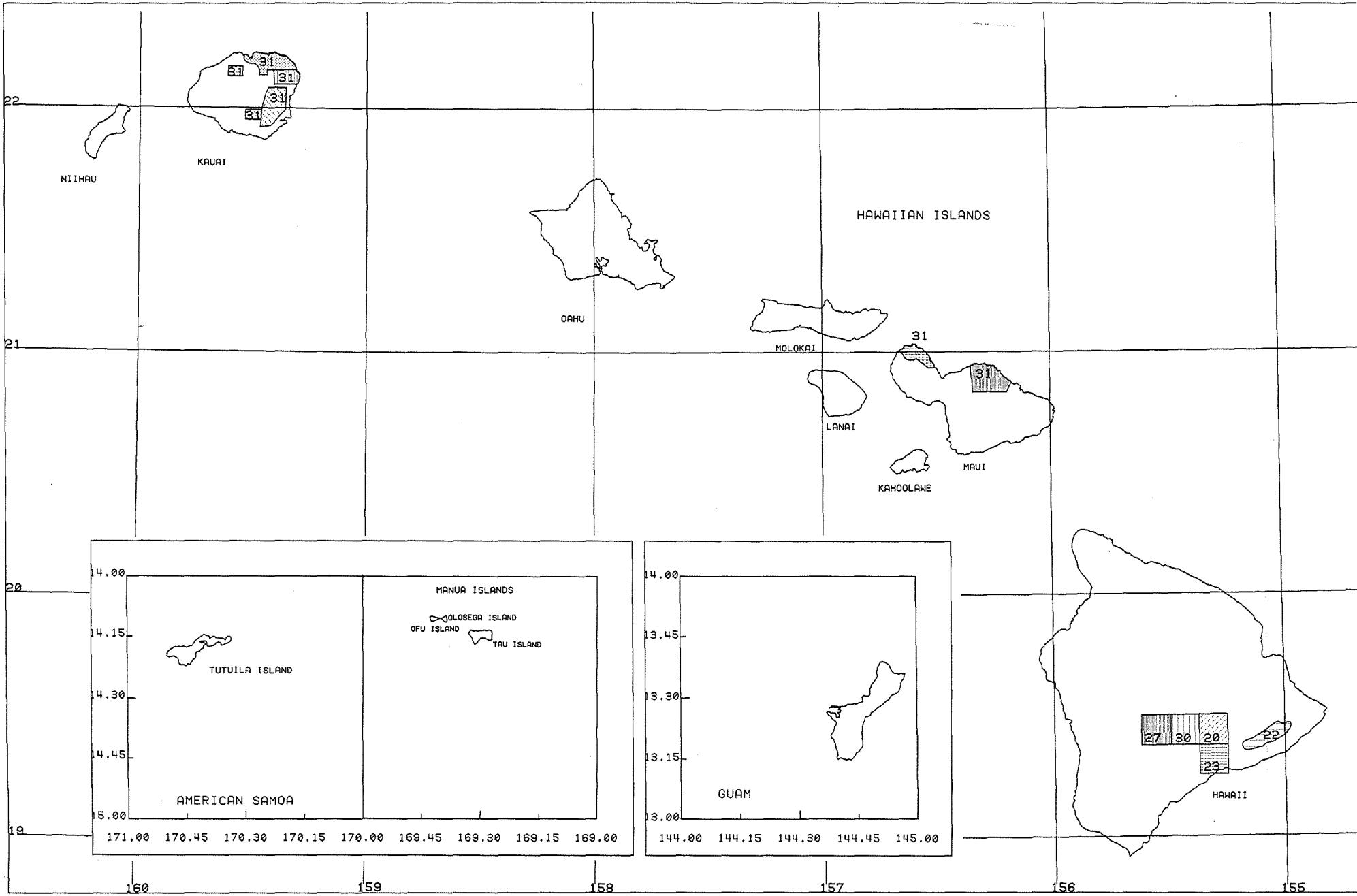
SF Public Inquiries Office, 504 Customhouse, 555 Battery St., San Francisco, California 94111.

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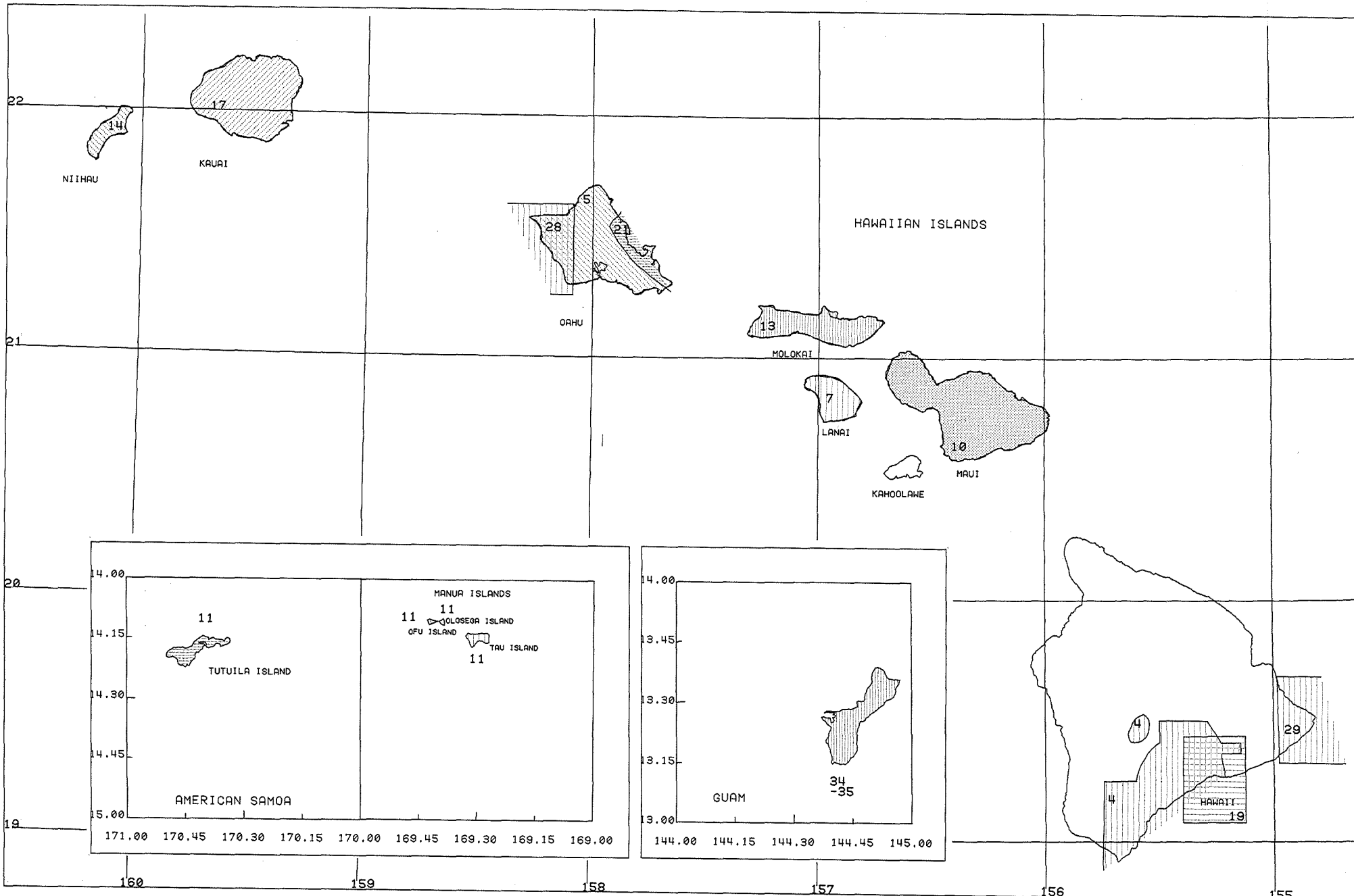
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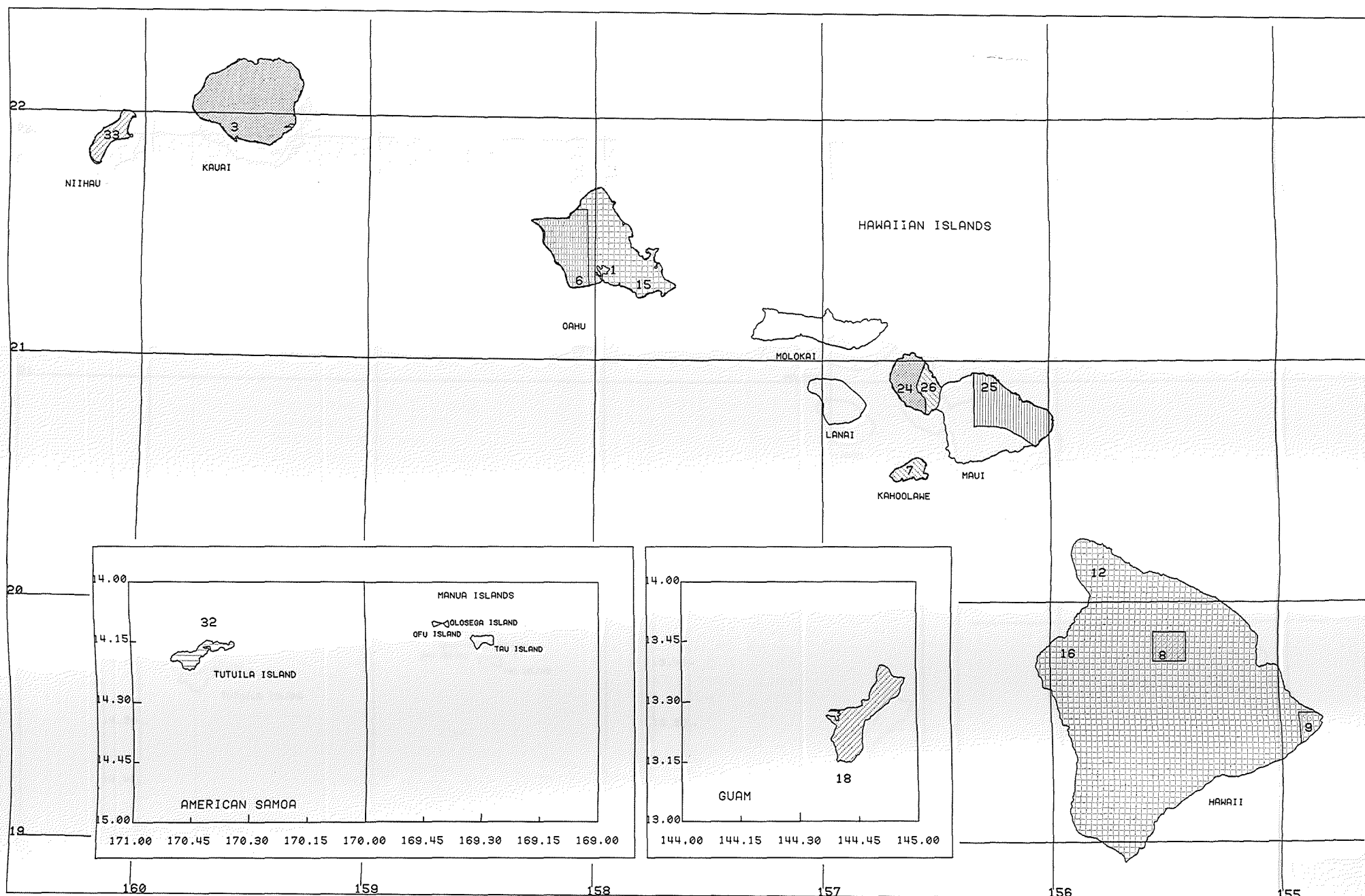
20. Peterson, D.W., 1967, Geologic map of Kilauea Crater quadrangle, Hawaii: U.S. Geol. Survey Geol. Quad. Map GQ-667. 1:24,000.
21. Takasaki, K.J., Hirashima, G.T., and Lubke, E.R., 1969, Water resources of windward Oahu, Hawaii: U.S. Geol. Survey Water-Supply Paper 1894. Pl. 1, 1:62,500.
22. Moore, J.G., and Koyanagi, R.Y., 1969, The October 1963 eruption of Kilauea Volcano, Hawaii: U.S. Geol. Survey Prof. Paper 614-C. Pl. 1, 1:24,000.
23. Walker, G.W., 1969, Geologic map of the Kau Desert quadrangle, Hawaii: U.S. Geol. Survey Geol. Quad. Map GQ-827. 1:24,000.
24. Yamanaga, George, and Huxel, C.J., 1969, Preliminary report on the water resources of the Lahaina District, Maui: Hawaii Div. Water and Land Devel. Circ. C51. Fig. 5, 1:130,000.
25. Takasaki, K.J., and Yamanaga, George, 1970, Preliminary report on the water resources of northeast Maui: Hawaii Div. Water and Land Devel. Circ. C60. Fig. 2, 1:200,000.
26. Yamanaga, George, and Huxel, C.J., Jr., 1970, Preliminary report on the water resources of the Wailuku area, Maui: Hawaii Div. Water and Land Devel. Circ. C-61. Fig. 2, 1:145,000.
27. Macdonald, G.A., 1971, Geologic map of the Mauna Loa quadrangle, Hawaii: U.S. Geol. Survey Geol. Quad. Map GQ-897. 1:24,000.
28. Takasaki, K.J., 1971, Ground water in the Waianae District, Oahu, Hawaii: U.S. Geol. Survey Hydrol. Inv. Atlas HA-358. 1:62,500.
29. Moore, J.G., 1971, Bathymetry and geology--east cape of the island of Hawaii: U.S. Geol. Survey Misc. Geol. Inv. Map I-677. 1:62,500.
30. Macdonald, G.A., 1971, Geologic map of the Kipuka Pakekake quadrangle, Hawaii: U.S. Geol. Survey Geol. Quad. Map GQ-957. 1:24,000.
31. Patterson, S.H., 1971, Investigations of ferruginous bauxite and other mineral resources on Kauai and a reconnaissance of ferruginous bauxite deposits on Maui, Hawaii: U.S. Geol. Survey Prof. Paper 656. Pls. 1, 2, 3, 4, and 5, (on Kauai), 1:24,000, pls. 6 and 7, (on Maui), 1:24,000.
32. Daly, R.A., 1924, The geology of American Samoa: Carnegie Inst. Washington Pub. 340. Pl. B, 1:82,500.
33. Macdonald, G.A., 1947, Petrography of Niihau: Hawaii Div. Hydrography Bull. 12. Fig. 8, 1:180,000.
34. Tracey, J.I., Jr., Schlanger, S.O., Stark, J.T., Doan, D.B., and May, H.G., 1964, General geology of Guam: U.S. Geol. Survey Prof. Paper 403-A. Pl. 1, 1:50,000.
35. Tracey, J.I., Jr., and others, 1959, Military geology of Guam, Mariana Islands: Chief Engineers, U.S. Army Pacific. Pl. 44, 1:50,000.
36. Palmer, H.S., 1927, Geology of Kaula, Nihoa, Necker and Gardner Islands, and French Frigates Shoal: Bernice P. Bishop Mus. Bull. 35. Fig. 4, (Nihoa) 1:8,500, fig. 7 (Necker) 1:7,500. (23° 30' N.; 162° -165° W.)
37. Macdonald, G.A., and Kyselka, Will, 1967, Anatomy of an island--A geological history of Oahu: Bernice P. Bishop Mus. Spec. Pub. 55.
38. Fischer, W.A., Davis, D.A., and Sousa, Tim, 1966, Fresh-water springs of Hawaii from infrared images: U.S. Geol. Survey Hydrol. Inv. Atlas HA-218. 1:500,000.
39. Stearns, H.T., 1966, Geology of the State of Hawaii: Palo Alto, Calif., Pacific Books.



MAPS AT SCALES 1:24,000 OR LARGER

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MAPS AT SCALES SMALLER THAN 1:63,360

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1. Wentworth, C.K., 1926, Pyroclastic geology of Oahu: Bernice P. Bishop Mus. Bull. 30. Fig. 5, 1:210,000. Also detailed maps.
2. Stearns, H.T., 1946, Geology of the Hawaiian Islands: Hawaii Div. Hydrography Bull. 8.
3. Hinds, N.E.A., 1930, The geology of Kauai and Niihau: Bernice P. Bishop Mus. Bull. 71. Pl. 13, (Kauai) 1:150,000.
4. Stearns, H.T., and Clark, W.O., 1930, Geology and water resources of the Kau District, Hawaii (including parts of Kilauea and Mauna Loa Volcanoes): U.S. Geol. Survey Water-Supply Paper 616. Pl. 1, 1:62,500, pl. 3, 1:50,000.
5. Stearns, H.T., 1939, Geologic map and guide of the island of Oahu, Hawaii: Hawaii Div. Hydrography Bull. 2. Pl. 2, 1:62,500.
6. Macdonald, G.A., 1940, Petrography of the Waianae Range, Oahu: Hawaii Div. Hydrography Bull. 5. Pl. 6, 1:135,000.
7. Stearns, H.T., 1940, Geology and ground-water resources of the islands of Lanai and Kahoolawe, Hawaii: Hawaii Div. Hydrography Bull. 6. Fig. 25, 1:130,000, pl. 1, 1:62,500.
8. Wentworth, C.K., and Powers, W.E., 1941, Multiple glaciation of Mauna Kea, Hawaii: Geol. Soc. America Bull., v. 52, no. 8. Fig. 3, 1:180,000.
9. Macdonald, G.A., 1941, Lava flows in eastern Puna: Volcano Letter 474. Map, 1:140,000.
10. Stearns, H.T., and Macdonald, G.A., 1942, Geology and ground-water resources of the island of Maui, Hawaii: Hawaii Div. Hydrography Bull. 7. Pl. 1, 1:62,500.
11. Stearns, H.T., 1944, Geology of the Samoan Islands: Geol. Soc. America Bull., v. 55, no. 11. Pl. 1, 1:60,000.
12. Stearns, H.T., and Macdonald, G.A., 1946, Geology and ground-water resources of the island of Hawaii: Hawaii Div. Hydrography Bull. 9. Pl. 1, 1:125,000.
13. Stearns, H.T., and Macdonald, G.A., 1947, Geology and ground-water resources of the island of Molokai, Hawaii: Hawaii Div. Hydrography Bull. 11. Pl. 1, 1:62,500.
14. Stearns, H.T., 1947, Geology and ground-water resources of the island of Niihau, Hawaii: Hawaii Div. Hydrography Bull. 12. Pl. 1, 1:62,500.
15. Winchell, Horace, 1947, Honolulu series, Oahu, Hawaii: Geol. Soc. America Bull., v. 58, no. 1. Pl. 1, 1:150,000.
16. Macdonald, G.A., 1949, Petrography of the island of Hawaii: U.S. Geol. Survey Prof. Paper 214-D. Pl. 12, 1:320,000.
17. Macdonald, G.A., Davis, D.A., and Cox, D.C., 1960, Geology and ground-water resources of the island of Kauai, Hawaii: Hawaii Div. Hydrography Bull. 13. Pl. 1, 1:62,500.
18. Cloud, P.E., Jr., 1951, Reconnaissance geology of Guam and problems of water supply and fuel storage: Military Geology Br., U.S. Geol. Survey. Fig. 1, 1:135,000.
19. Moore, J.G., and Peck D.L., 1965, Bathymetric topographic, and structural map of the south-central flank of Kilauea Volcano, Hawaii: U.S. Geol. Survey Misc. Geol. Inv. Map I-456. 1:62,500.