158°16'0"W

158°14'0"W

21° 33'45.02" N,
158° 16'30.05" W

21° 33'45.02" N,
158° 12'45.05" W

21°32'0"N

ZONE VE
(EL 11)

174

ZONE VE
(EL 9)

ZONE VE
(EL 10)

ZONE VE
(EL 8)

43

43

173

ZONE VE
(EL 9)

ZONE VE
(EL 10)

ZONE VE
(EL 13)

42

42

City and County of Honolulu
FOREST RESERVE
150001

City and County of Honolulu
FOREST RESERVE
150001

City and County of Honolulu
150001

172

ZONE A

ZONE A

City and County of Honolulu
MAKUA MILITARY RESERVATION
150001

ZONE VE
(EL 11)

ZONE A

ZONE A

ZONE A

41

41

Makua Stream

Unnamed Stream

ZONE AO
(DEPTH 2)

LIMIT OF STUDY

Kaiahi Stream

ZONE AO
(DEPTH 2)

City and County of Honolulu
MAKUA MILITARY RESERVATION
150001

171

City and County of Honolulu
FOREST RESERVE
150001

ZONE VE
(EL 14)

40

ZONE AE
(EL 14)

170

Unnamed Stream

ZONE A

21°30'0"N

21° 30'0.01" N,
158° 16'30.05" W

21° 30'0.01" N,
158° 12'45.05" W

158°16'0"W

158°14'0"W

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available effective flood hazard information for your community, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Mapping and Insurance eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at https://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be downloaded from the website. Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be acquired directly from the Flood Map Service Center at the website listed above.

For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Basemap information shown on this FIRM was provided in digital format by the United States Geological Survey (USGS). The basemap shown is the USGS National Map: Orthoimagery. Last refreshed October, 2020.

Note: Some Special Flood Hazard Areas with elevations may not appear with elevation labels if the Base Flood Elevation or Cross-section line which communicates the elevation for the location appears on the adjacent panel. Please see the Panel Locator Diagram on this map panel to determine the adjacent panel and find the elevation feature there, or alternatively use the Flood Insurance Study report for detailed elevations by flood source.

SCALE

N

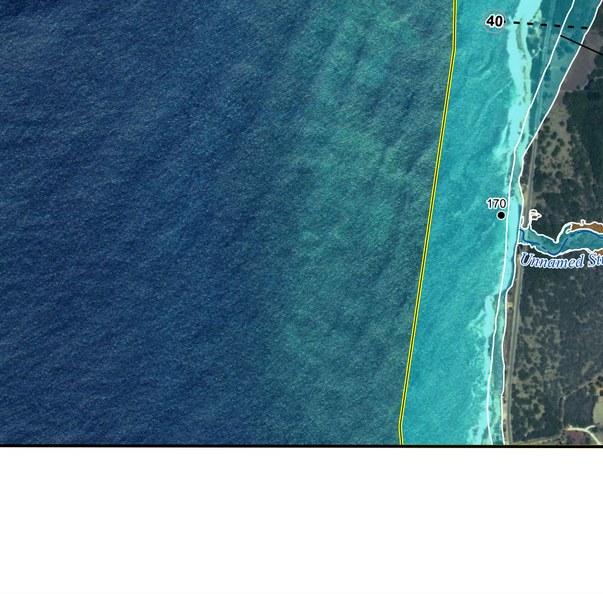
1 inch = 1,000 feet 1:12,000

0 500 1,000 2,000 3,000 4,000 feet

0 105 210 420 630 840 meters

Map Projection:
NAD 1983 StatePlane Hawaii 3 FIPS 5103 Feet
Vertical Datum: LOCAL TIDAL DATUM

PANEL LOCATOR



FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

CITY AND COUNTY OF HONOLULU HAWAII

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY AND COUNTY OF HONOLULU	150001	0090	H

MAP NUMBER
15003C0090H
EFFECTIVE DATE
Prelim Issue Date: 07/31/2024