

**Request to Authorize the Chairperson to Enter into a Joint Funding Agreement
with U.S. Geological Survey To Conduct A Seepage Analysis on Waikoloa
Stream, Hawai'i;**

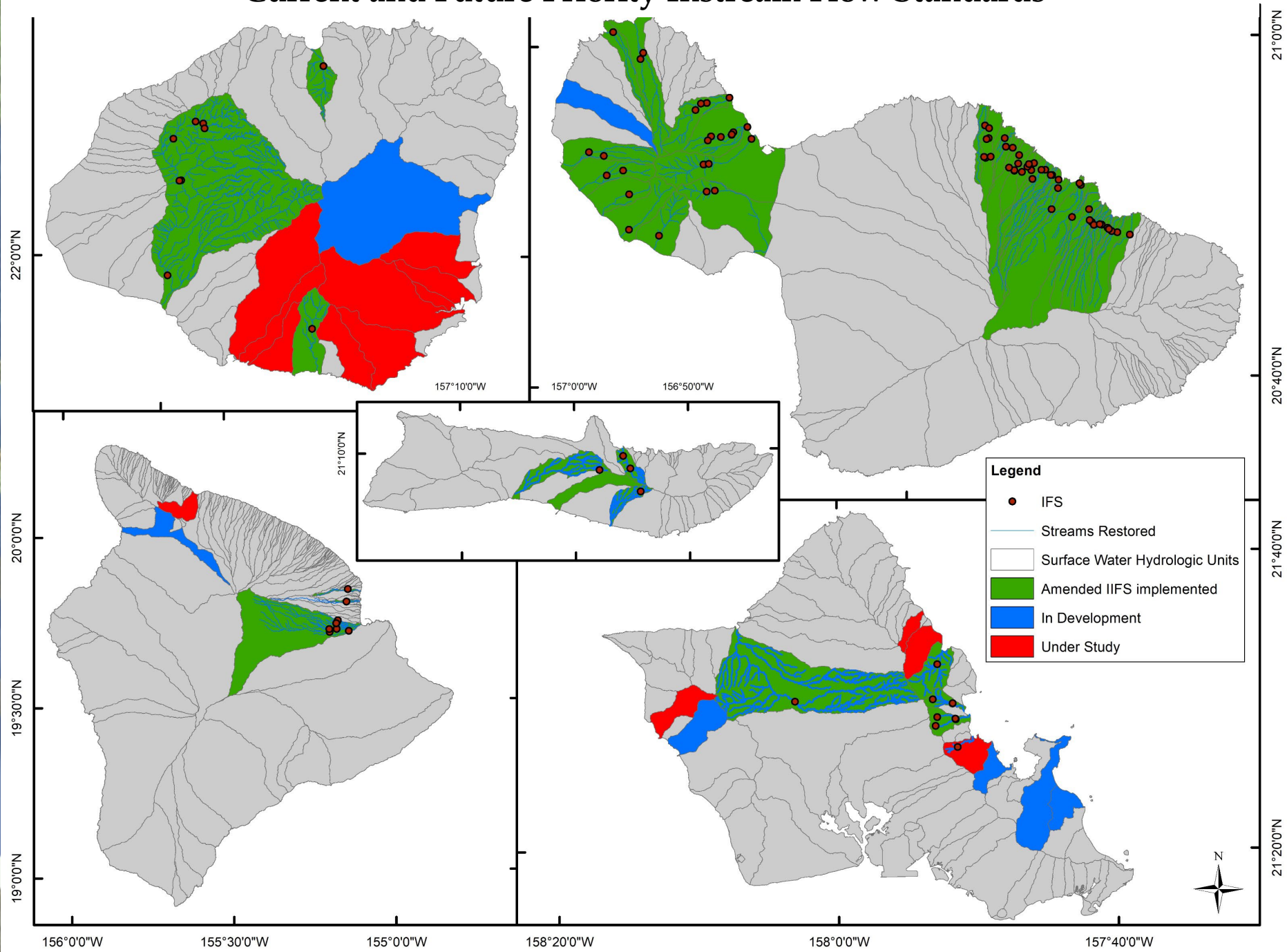
**and Declare that Project is Exempt from Environmental Assessment
Requirements under Hawaii Revised Statutes Chapter 343, and Hawaii
Administrative Rules Chapter 11-200.1**

**Item C-1
July 26, 2022**

**Ayron M. Strauch
Stream Protection and Management Branch**



Current and Future Priority Instream Flow Standards



Instream Flow Standard Assessment Report

Island of Hawaii

Hydrologic Units 8161

Waikoloa

June 2023

DRAFT PR-2023-02



State of Hawaii
Department of Land and Natural Resources
Commission on Water Resource Management





[Home](#) » [Surface Water](#) » [Instream Flow Standards](#) » [Island of Hawai'i](#) » IFS: 8161 – Waikoloa, Hawai'i

IFS: 8161 – WAIKOLOA, HAWAI'I

Instream Flow Standard: Hydrologic Unit of Waikoloa (8161)

The Commission on Water Resource Management is developing a proposal to amend the interim instream flow standard(s) for the surface water hydrologic unit of Waikoloa, Hawai'i. Please review the Draft Instream Flow Standard Assessment Report for Waikoloa (Information Updates Section below) and provide comments to the Commission staff.



Hawai'i Department of Water Supply diversion intake at Kohākōhau Stream.



Hawai'i Department of Water Supply diversion intake (Marine Dam) on Waikoloa Stream.

Most links throughout this website will either open an Acrobat PDF file or will link to a page within this site. Exceptions to these are indicated by the symbols below.

Symbols:

➤ indicates an external website link

📺 indicates a video link

[Download Adobe Reader here.](#)

155°48'W

155°45'W

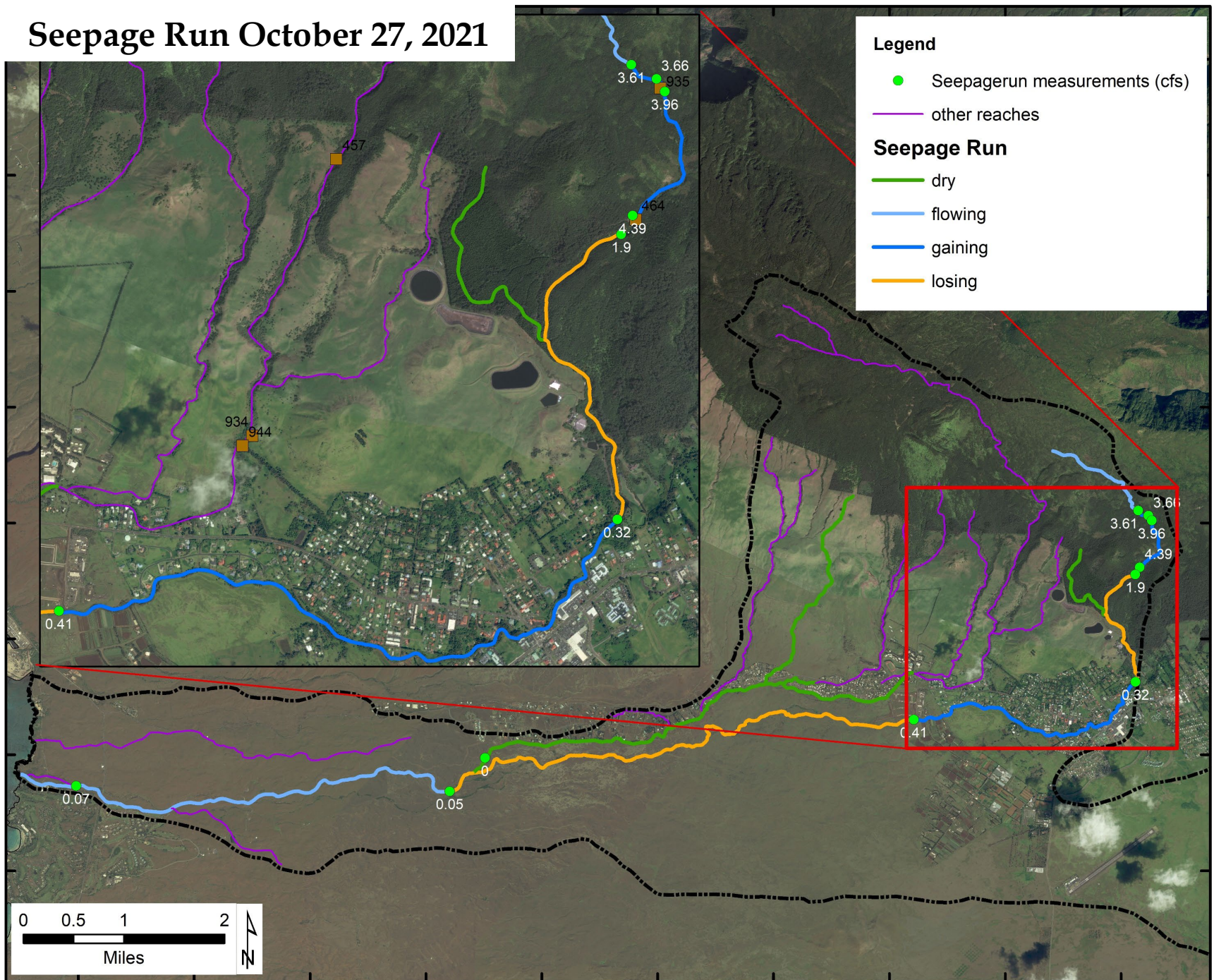
155°42'W

Seepage Run October 27, 2021

20°6'N

20°3'N

20°0'N



155°42'W

20°3'N

Legend

● Seepagerun measurements (cfs)

■ diversion (ID)

stream

— other reaches

Seepage Run

— dry

— flowing

— gaining

— losing

Reservoir

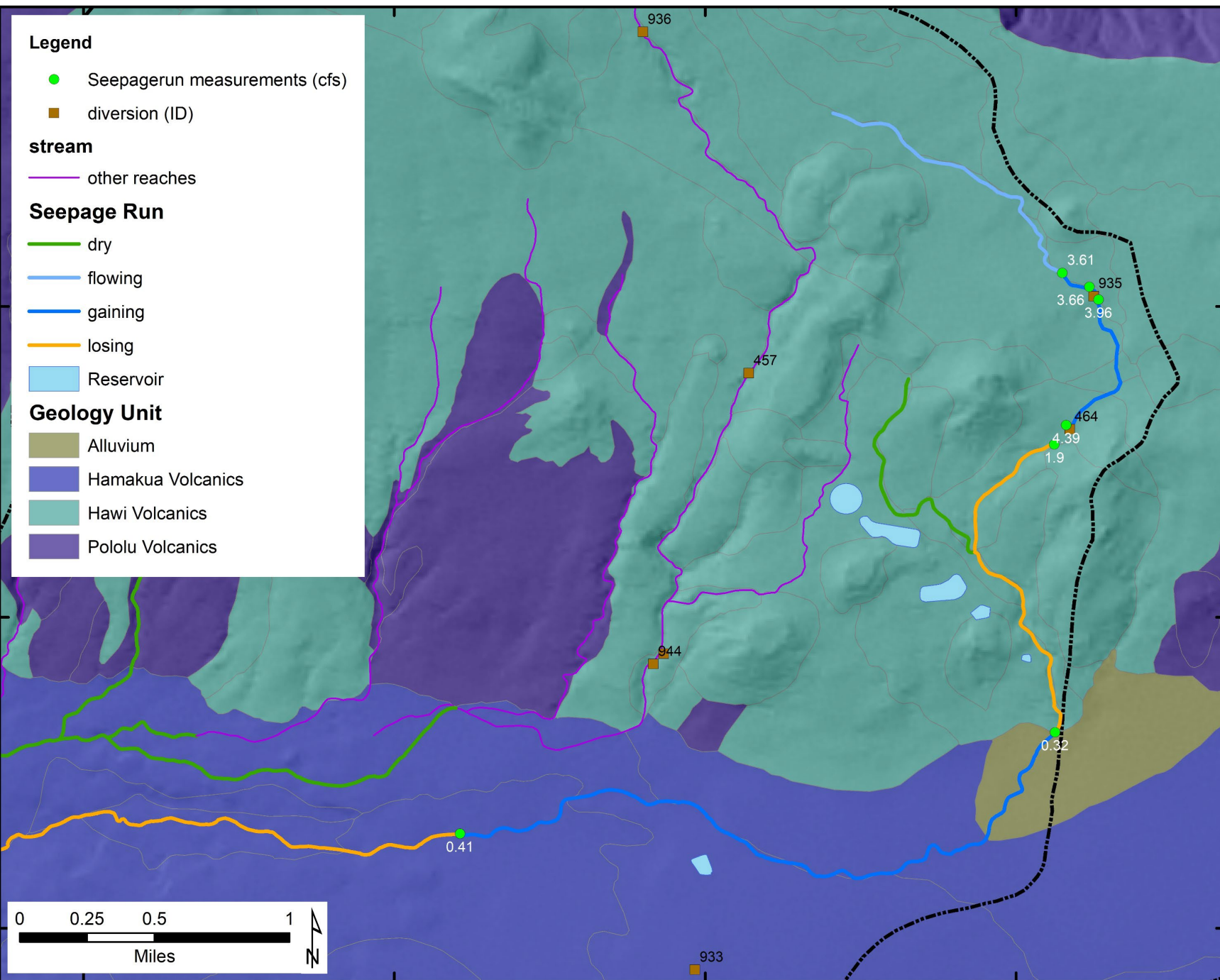
Geology Unit

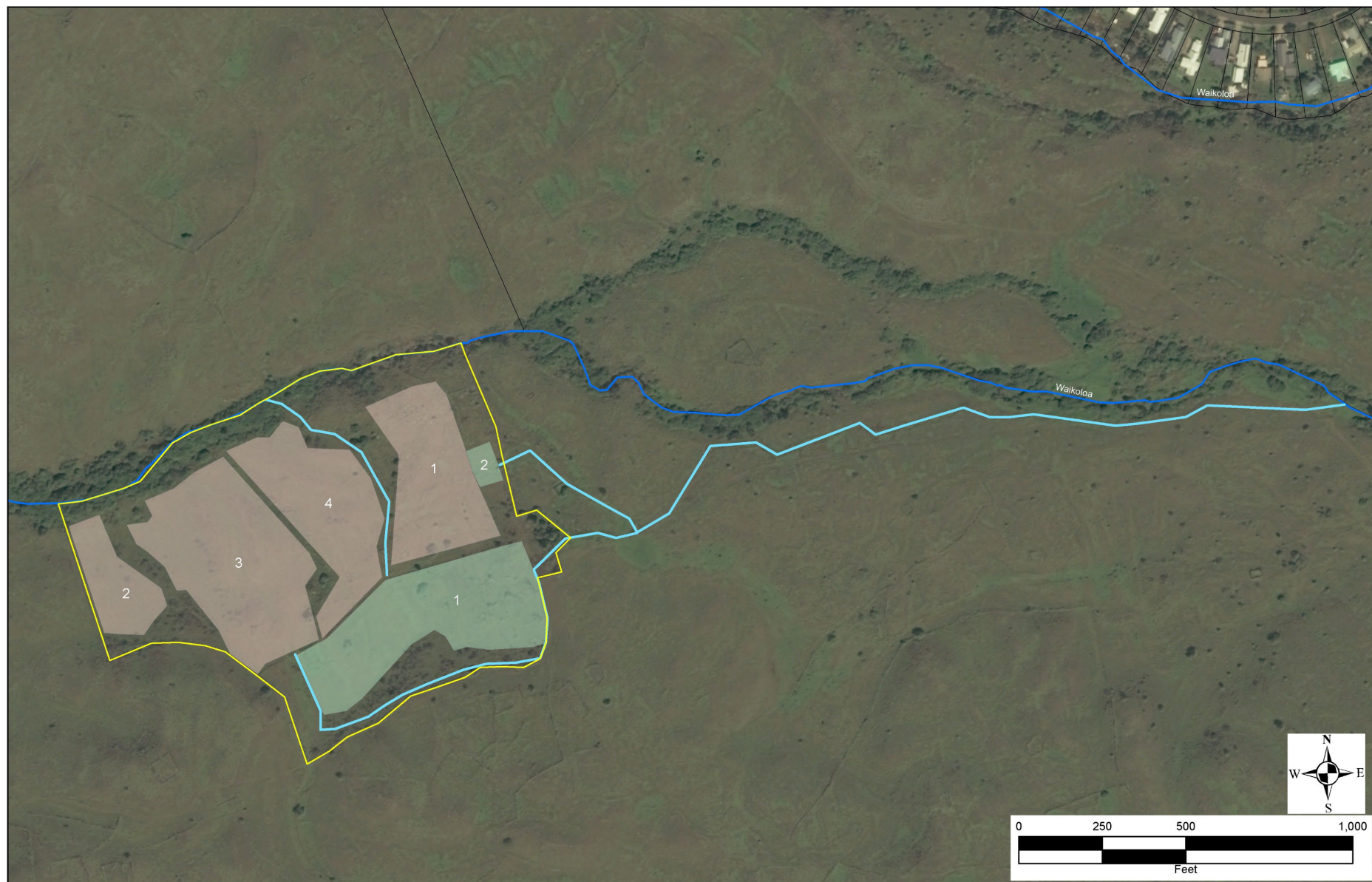
Alluvium

Hamakua Volcanics

Hawi Volcanics

Pololu Volcanics





Prepared in cooperation with the State of Hawai'i Commission on Water Resource Management and in collaboration with the University of Hawai'i Water Resources Research Center

Water-Resource Management Monitoring Needs, State of Hawai'i



Scientific Investigations Report 2020–5115

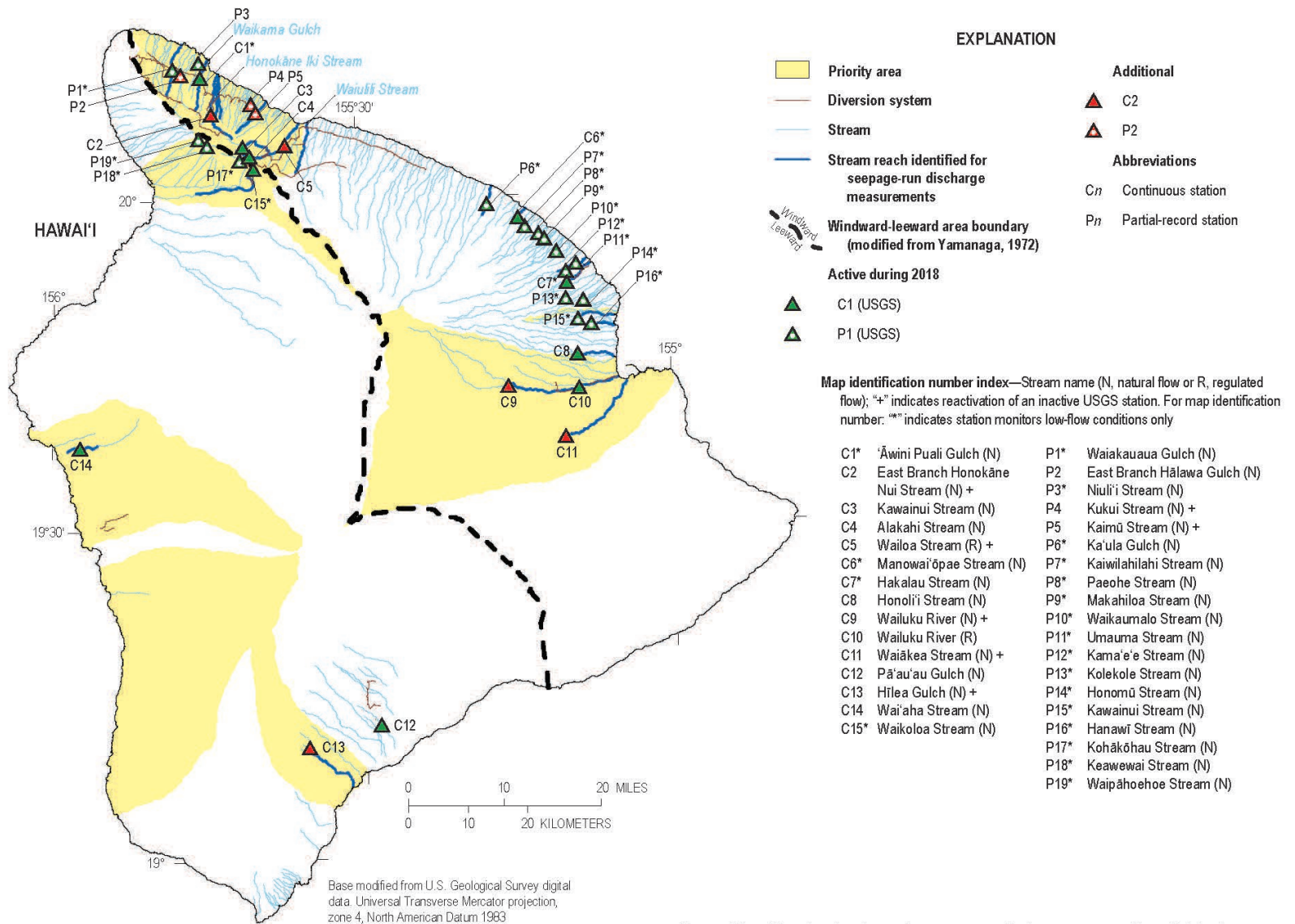


Figure 16. Map showing the surface-water monitoring program on Hawai'i island, Hawai'i. Surface-water monitoring stations are listed with their map identification number. Operating agency includes the U.S. Geological Survey (USGS).

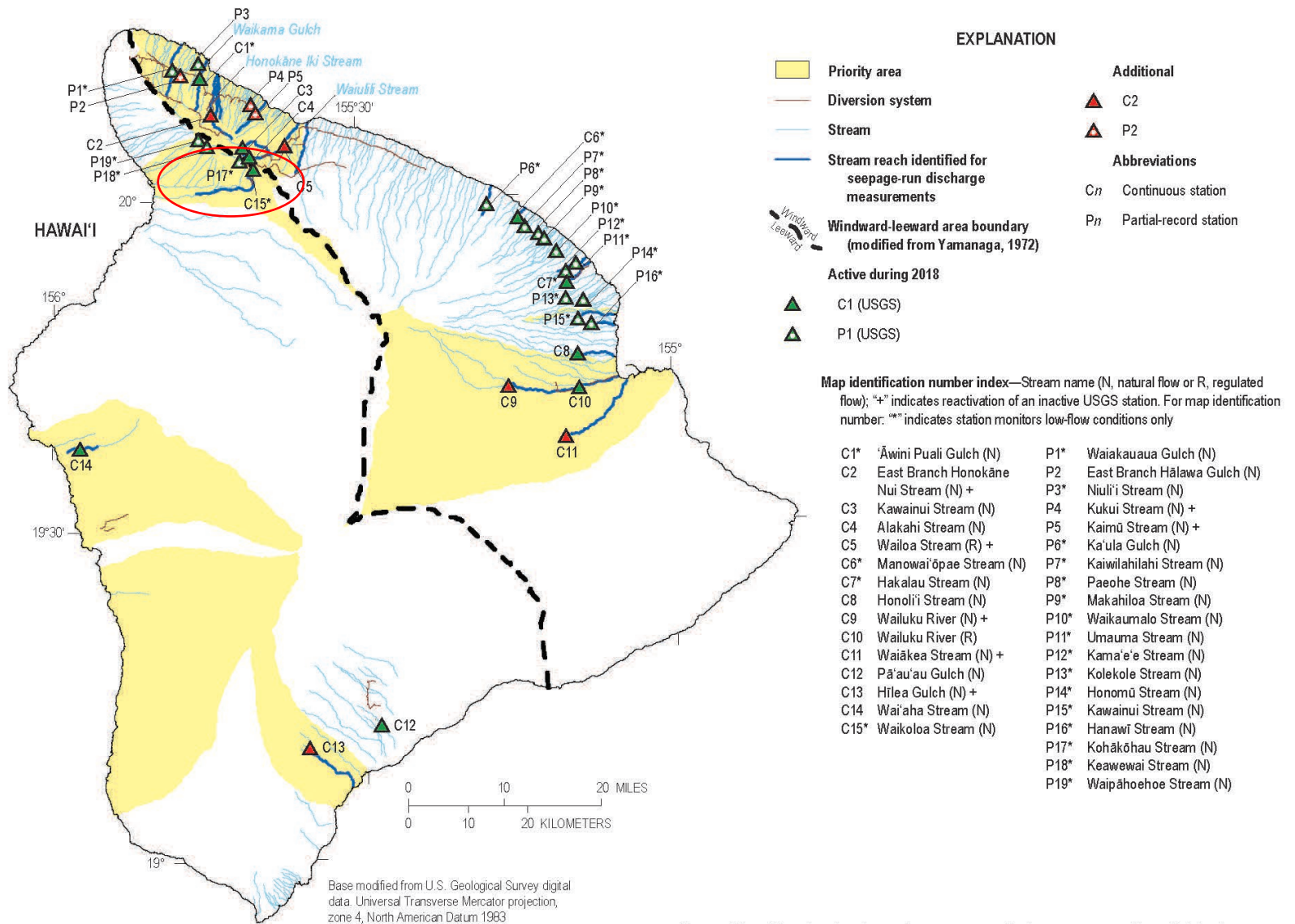


Figure 16. Map showing the surface-water monitoring program on Hawai'i island, Hawai'i. Surface-water monitoring stations are listed with their map identification number. Operating agency includes the U.S. Geological Survey (USGS).

Table 16. Streams included for seepage-analysis discharge measurements in the surface-water monitoring program.

Kaua'i	Oahu	Moloka'i	Maui		Hawai'i
Hanalei River	Helemano Stream	Hālawā Stream	Alelele Stream	Māliko Gulch	Alakahi Stream
Hulē'ia Stream	Kamananui Stream	Honoulimalo'o Stream	East Wailua Iki Stream	Nailiilihaele Stream	Hakalau Stream
Kalalau Stream	Kaukonahua Stream	Kainalu Gulch	Ha'ipua'ena Stream	Nua'ailua Stream	Hanawī Stream
Kapa'a Stream	Kaupuni Stream	Kaunakakai Gulch	Hāhālawe Gulch	Olowalu Stream	Hilea Gulch
Lāwa'i Stream	Kawainui Stream	Kawela Gulch	Hanawī Stream	'O'opuola Stream	Honokāne Iki Stream
Moloa'a Stream	Mākaha Stream	Kuhua'awi Gulch	Hanehoi Stream	Pa'akea Stream	Honokāne Nui Stream
Wai'alae Stream	Makawao Stream	Puna'ula Gulch	Honokōhau Stream	Palauhulu Stream	Honoli'i Stream
Waimea River	Mālaekahana Stream	Waialua Stream	Honokōwai Stream	Papahawahawa Gulch	Ka'ula Gulch
Wainiha River	Mānoa Stream	Waihānau Stream	Honolua Stream	Pi'ina'au Stream	Kawainui Stream
	Maunawili Stream	Waikolu Stream	Honomanū Stream	Pua'aka'a Stream	Kaimū Stream
	'Ōpae'ula Stream		Honopou Stream	Punalau Stream	Manowai'ōpae Stream
	Poamoho Stream		Ho'olawa Stream	Puohokamoa Stream	Umauma Stream
	Waiāhole Stream		Kahoma Stream	Ukumehame Gulch	Wai'aha Stream
	Waihe'e Stream		Kailua Stream	Waiaaka Stream	Waiakauaua Gulch
	Waikāne Stream		Kālepalehua Gulch	Waiehu Stream	Waiākea Stream
	Waikele Stream		Kanahā Stream	Waihe'e River	Waikama Gulch
			Kapaula Gulch	Waikamoi Stream	Waikoloa Stream
			Kaua'ula Stream	Waikapū Stream	Wailoa Stream
			Kaupakulua Gulch	Wailuā Stream	Wailuku River
			Kahawaipapa Stream	Wailuanui Stream	Waipi'o Stream
			Kopiliula Stream	Wailuku River	Waiulili Stream
			Kukui'ula Gulch	Waiohue Stream	
			Launiupoko Stream	Waiokamilo Stream	
			Makapipi Stream	West Wailua Iki Stream	

**Funded in 2020 following
flow restoration**

**To be funded in 2023
by this agreement**

**Funded in 2018 following
flow restoration as part of
statewide low-flow project**