



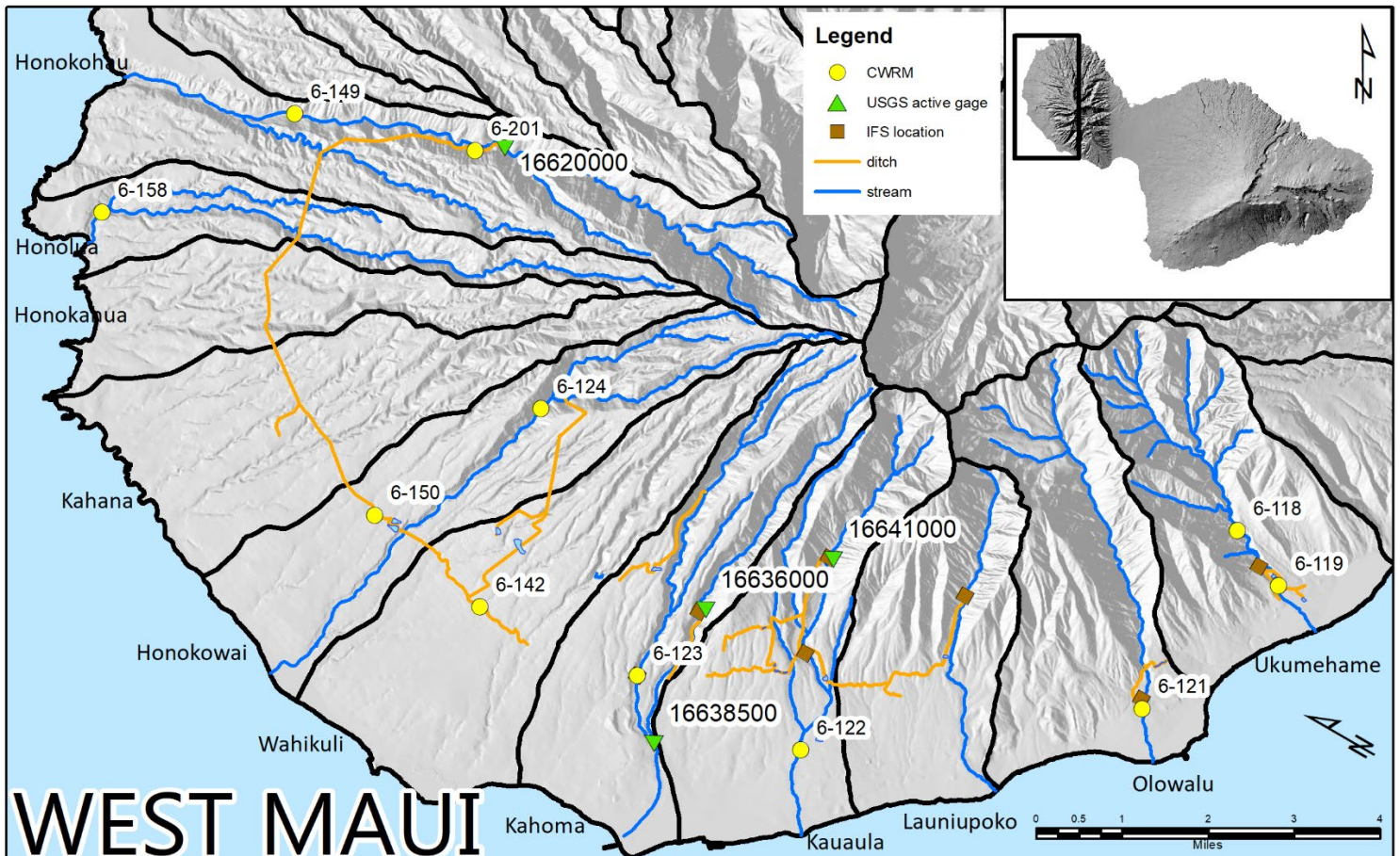
West Maui Surface Water Monitoring

Real-time continuous → preliminary data available online within 15-30 minutes of measurement

Continuous → data recorded at repeated interval over time

Gage ID	Location Name	Operator	Station Type	Period of Record
16620000	Honokohau Stream nr Honokohau	USGS	Real-time continuous	1912-P
16636005	Kanaha Stream Pipeline	USGS	Real-time continuous	2019-P*
16636010	Kanaha Stream blw pipeline	USGS	Real-time continuous	2019-P*
16636000	Kanaha Stream abv pipeline (sum of 16636005 and 16636010)	USGS	Real-time continuous	1916-1932*
16638500	Kahoma Stream at Lahaina	USGS	Real-time continuous	2020-P
16641000	Kauaula Stream abv Ditch	USGS	Real-time continuous	2020-P
16643100	Kauaula Stream blw Ditch	USGS	Real-time continuous	2020-P
6-149	Honokohau Stream at McDonalds Dam	CWRM	Real-time continuous	2018-P
6-150	Honokohau Ditch at Mahinahina	CWRM	Real-time continuous	2019-P
6-201	Honokohau Ditch at Adit 6	CWRM	Real-time continuous	2019-P
6-142	Honokohau Ditch bf Wahikuli Flume	CWRM	continuous	2017-P
6-124	Honokowai Stream blw confluence	CWRM	continuous	2017-P
6-123	Kahoma Stream blw diversion	CWRM	Real-time continuous	2014-P
6-122	Kauaula Stream at Honokohau Ditch	CWRM	continuous	2017-P
6-121	Olowalu Stream blw lower diversion	CWRM	continuous	2017-P
6-119	Ukumehame at 180 ft	CWRM	continuous	2017-P
6-118	Ukumehame at 410 ft	CWRM	Real-time continuous	2017-P

*station to be activated in 2020



Surface Water Resources and Current Instream Flow Standards

surface water hydrologic unit	stream name	Q ₅₀ (mgd)	Q ₉₀ (mgd)	interim IFS	interim IFS elevation (ft)	estimated flow available for use at Q ₅₀ (mgd)
Honokōhau	Honokōhau	19.4	11.0	--	--	--
Honolua	Honolua	2.46	0.00	--	--	--
Honokōwai	Honokōwai	3.49	2.32	--	--	--
Kahoma	Kahoma	3.75	1.87	3.49	2100	0.26
Kahoma	Kanahā	3.17	2.65	0.50	1100	2.67
Kaua'ula	Kaua'ula	6.14	3.36	3.36	1540	2.78
Launiupoko	Launiupoko	0.30	0.23	0.00	1340	0.30
Olowalu	Olowalu	3.23	2.20	2.65	130	0.58
Ukumehame	Ukumehame	3.23	2.07	2.90	220	0.33

Instream Flow Standards Timeline in West Maui

Oct 1988	HAR § 13-169-48 Interim instream flow standard for West Maui adopted on October 19, 1988, effective on December 10, 1988
2011-2012	USGS-CWRM site visits to irrigation systems
2011-2014	USGS West Maui Low-flow Study (Scientific Investigations Report 2014-5087)
2015-Present	CWRM conducts follow up site visits, outreach, stakeholder meetings, interviews
Sept 2017	CWRM publishes Draft Instream Flow Assessment Reports for Ukumehame, Olowalu, Launiupoko, and Kaua'ula hydrologic units
Dec 2017	CWRM holds a public fact-gathering meeting for Ukumehame, Olowalu, Launiupoko, and Kaua'ula hydrologic units
Mar 2018	CWRM holds public meeting to establish Interim Instream Flow Standards for Ukumehame, Olowalu, Launiupoko, and Kaua'ula hydrologic units
Jun 2018	CWRM holds public outreach meeting on implementation of Instream Flow Standards
Sept 2018	CWRM publishes Draft Instream Flow Assessment Report for Kahoma hydrologic unit
Oct 2018	CWRM holds a public fact-gathering meeting for Kahoma hydrologic unit
Nov 2018	CWRM holds public meeting to establish Interim Instream Flow Standards for Kahoma hydrologic unit (Kahoma and Kanahā streams)
Apr 2019	Ka Malu o Kahalawai & West Maui Preservation Association filed a formal Complaint/Dispute Resolution about diverted water waste
Aug 2019	CWRM publishes Draft Instream Flow Assessment Reports for Honokōwai, Honolua, and Honokōhau hydrologic units
Sept 2019	CWRM holds public fact-gathering meeting for Honokōwai, Honolua, and Honokōhau hydrologic units
Nov 2019	CWRM holds public meeting to address Complaint/Dispute Resolution concerning water diverted from Honokōhau and Honolua hydrologic units

For More Information

Commission on Water Resource Management:
 Stream Protection and Management Branch:
 USGS Pacific Islands Water Science Center:
 USGS SIR 2014-5087 Report

<https://dlnr.hawaii.gov/cwrml/>
<https://dlnr.hawaii.gov/cwrml/surfacewater/>
<https://www.usgs.gov/centers/piwsc>
<https://pubs.er.usgs.gov/publication/sir20145087>