

MICHAEL P. VICTORINO
Mayor

HELENE KAU
Director

SHAYNE R. AGAWA, P.E.
Deputy Director



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DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793
www.mauicounty.gov/water

September 6, 2022

Honorable Michael P. Victorino
Mayor, County of Maui
200 South High Street
Wailuku, Hawaii 96793

APPROVED FOR TRANSMITTAL

Michael P. Victorino 9/7/22
Mayor Date

For transmittal to:

Honorable Alice Lee, Chair
and Members of the Maui County Council
200 South High Street
Wailuku, Hawaii 96793

Dear Chair Lee and Members:

SUBJECT: MONTHLY SOURCE AND GROUNDWATER USE REPORTS

Attached please find copies of the Department of Water Supply's Monthly Source Report and Groundwater Use Report for the month ending August 2022.

Thank you for your attention to this matter. Should you have any questions or require additional information, please feel free to contact me at Ext. 7816.

Sincerely,

Helene Kau

HELENE KAU
Director of Water Supply

Attachments

COUNTY COMMUNICATION NO. 22-235

"By Water All Things Find Life"

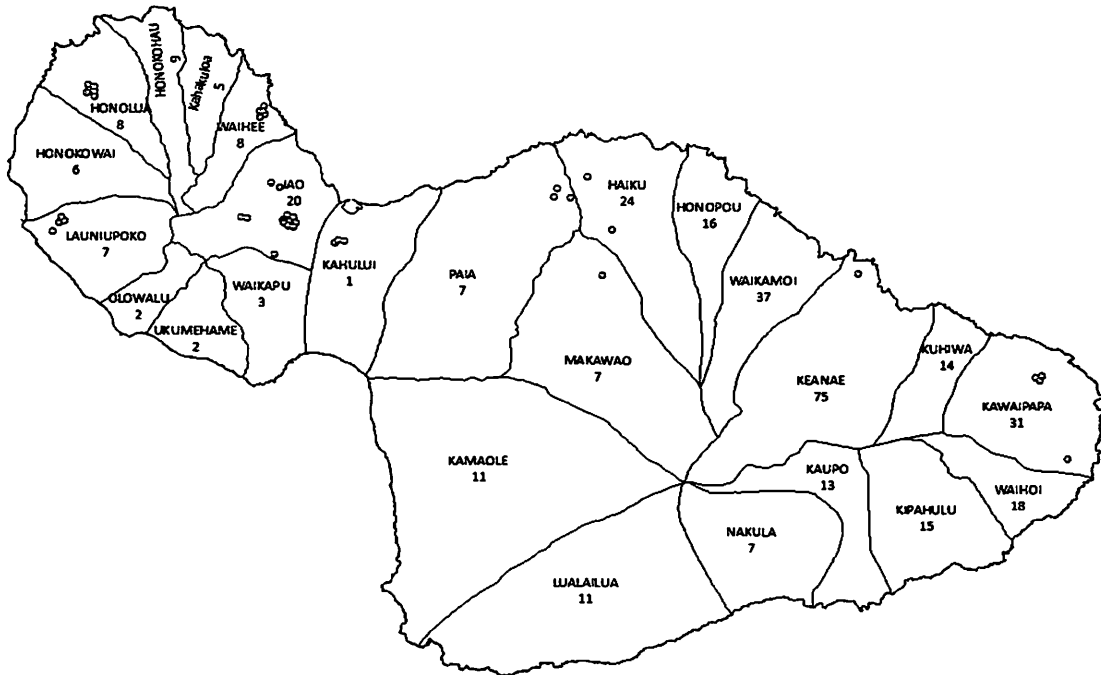
County of Maui
Dept. of Water Supply
Monthly Source Reports
(Gals X 1000)

WELL NAME	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Current Year	Last 12 Months
<i>Central</i>														
Mokuahu 501	15,793	10,743	995	100	0	1,031	14,891	12,056	12,297	7,337	54,818	53,785	156,214	183,845
Mokuahu 503	57,698	76,575	72,090	66,871	90,253	73,445	74,548	95,936	77,789	71,899	38,428	30,084	552,362	825,596
Waiheae 577	74,522	74,715	70,213	68,779	70,798	61,754	75,830	77,048	79,481	73,136	79,660	83,978	601,685	889,914
Waiheae 578	73,674	72,529	69,390	34,539	45,283	54,422	78,344	76,903	71,408	78,575	91,680	93,796	590,411	840,543
Waiheae 579	74,349	72,357	74,466	62,722	68,112	69,465	70,202	71,457	69,200	81,924	76,469	83,353	590,182	874,076
Waiheae Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiheae Hts 515	42,247	42,221	40,662	37,347	40,059	37,408	41,201	40,971	46,054	46,286	49,135	45,933	347,057	509,534
Waiheae Hts 516	39,419	17,417	51,740	18,645	36,837	47,350	17,015	33,859	56,861	59,108	49,263	48,728	343,021	470,242
Waiheae Hts 517	40,643	40,531	36,146	31,689	30,597	37,340	37,259	32,578	33,165	34,133	37,074	36,509	284,654	433,673
Waiheae Hts 518	22,683	51,467	22,489	59,817	16,590	7,547	48,846	50,871	13,473	13,699	46,278	49,643	246,891	403,347
Waiheae Hts 519	24,407	8,670	4,844	247	169	1,507	109	175	1,727	160	1,399	4,143	9,389	47,557
DAILY AVERAGE	15,515	15,072	14,768	12,283	12,861	13,974	14,782	16,393	14,886	15,542	16,910	17,095	15,316	15,009
Kepaniwai 511	19,144	19,636	19,224	19,860	6,107	9,034	22,320	21,600	22,270	21,531	22,149	22,239	147,250	225,114
Iao Tunnel	32,255	33,289	32,679	26,895	32,918	42,722	49,462	47,689	49,595	48,487	49,918	50,428	371,229	496,347
DAILY AVERAGE	1,713	1,707	1,730	1,508	1,259	1,848	2,316	2,310	2,318	2,334	2,325	2,344	2,134	1,977
N. Waiheae #1	15,654	17,730	15,766	11,508	12,327	12,938	13,368	13,539	13,652	14,742	16,079	17,296	113,942	174,600
N. Waiheae #2	13,247	14,843	13,771	12,937	15,917	14,457	15,708	14,891	16,175	15,383	15,994	24,546	133,071	187,869
Kanoa #1	30,184	32,703	28,933	27,798	30,791	27,506	31,083	29,211	31,936	30,412	32,117	8,690	221,747	341,365
Kanoa #2	26,611	26,454	27,866	25,822	27,553	24,305	27,352	27,375	27,702	26,748	27,483	44,089	232,607	339,360
Kupaa	48,123	49,635	48,109	47,645	48,726	44,201	50,727	45,464	50,327	47,851	50,871	27,727	365,893	559,405
DAILY AVERAGE	4,461	4,560	4,482	4,055	4,365	4,407	4,459	4,349	4,509	4,505	4,598	3,947	4,392	4,391
Maui Lani #5	408	4,243	4,760	5,053	4,627	4,426	5,052	5,080	4,931	4,797	5,033	4,996	38,942	53,406
Maui Lani #6	21,321	10,390	9,470	9,256	9,209	8,394	9,293	8,993	9,293	8,993	9,274	9,279	72,728	123,165
Maui Lani #7	10,581	14,566	15,894	16,507	15,988	14,868	16,513	15,929	16,448	15,893	16,460	16,325	128,425	185,973
DAILY AVERAGE	1,077	942	1,004	994	962	989	995	1,000	989	989	992	987	988	993
<i>UpCountry</i>														
Haiku	13,178	1,039	0	0	0	0	0	0	0	0	0	0	0	14,217
H' Poko #1	0	0	0	0	0	5,543	10,998	115	0	0	0	5,914	22,571	22,571
H' Poko #2	0	0	0	0	0	6,362	7,597	0	0	0	0	3,286	17,246	17,246
Kaupakalua	17,218	16,813	17,664	16,394	17,102	16,600	19,365	15,566	17,133	17,831	18,175	19,272	141,044	209,133
Pookela	174	7,357	26,800	7,639	20,601	34,058	38,202	3,105	7,897	6,823	6,022	20,442	137,149	179,119
DAILY AVERAGE	1,019	813	1,482	775	1,216	2,234	2,457	626	807	822	781	1,578	1,309	1,212
<i>Lahaina</i>														
Kanaha 575	5,256	2,863	3,773	2,080	1,343	4,892	9,277	5,233	5,511	7,210	2,261	8,743	44,470	58,422
Kanaha 576	3,062	3,485	3,631	1,235	754	1,979	6,866	1,616	4,443	922	711	1,893	19,184	30,597
Waipuka 559	9,549	9,192	7,866	3,511	2,790	3,943	6,448	7,571	6,672	3,958	552	2,110	34,044	64,162
Waipuka 560	8,434	6,495	5,463	1,101	625	5,406	11,427	7,151	7,828	7,828	2,178	8,786	50,776	72,269
Napili A 569	265	392	1,071	144	83	309	20,766	2,319	2,103	174	594	3,520	29,868	31,740
Napili B 570	25,523	24,046	21,917	18,217	19,448	21,897	25,536	13,624	15,077	18,024	11,264	19,224	144,094	233,797
Napili C 571	9,073	5,169	11,339	8,677	6,739	2,449	5,105	17,925	21,761	34,096	37,638	29,251	154,964	189,222
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	28,960	28,904	22,613	19,368	20,724	23,691	26,905	9,016	10,997	3,483	12,734	8,074	115,624	215,469
DAILY AVERAGE	3,004	2,598	2,589	1,752	1,694	2,306	3,624	2,149	2,395	2,513	2,191	2,632	2,440	2,454
<i>Hana</i>														
Hamao 597	6,323	2,184	6,132	4,238	864	3,597	4,695	1,753	3,419	2,722	3,876	4,742	25,668	44,545
Hamao #2	774	4,918	1,758	3,158	6,492	5,149	3,389	5,657	3,368	3,970	4,037	4,208	36,270	46,878
Keanae #1	519	219	519	722	72	657	668	504	504	504	436	504	3,071	5,181
Keanae #2	575	544	829	0	814	168	299	590	548	548	243	624	3,834	5,782
Wakui 550 B	1,921	2,195	926	3,291	2,522	2,695	2,096	382	1,608	1,703	1,250	2,424	14,680	23,014
Wakui C	1,228	1,059	2,451	116	1,157	761	1,564	3,284	2,569	2,106	2,773	553	14,767	19,621
DAILY AVERAGE	378	373	411	372	385	465	410	396	388	395	407	405	404	397
<i>Molokai</i>														
Kawela 551	7,016	9,430	395	0	13	6,028	1,915	0	0	1	8,208	1,338	17,502	34,343
Kawela 552	3	9	7,490	9,310	9,327	2,565	2,999	4,161	4,078	3,652	527	5,439	32,748	49,560
Ualapue 553	2,238	4,331	2,124	3,257	3,373	2,993	3,530	3,575	3,839	4,152	3,890	4,718	30,070	42,020
Ualapue 554	3,793	2,117	4,167	1,592	1,965	2,672	4,000	3,151	3,951	3,674	3,548	3,930	26,891	38,560
Kualapuu	13,534	12,395	12,527	8,425	7,970	8,803	14,450	15,766	17,302	18,332	14,398	18,133	115,154	162,035
Waikaloa Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	886	912	890	729	731	824	868	888	941	994	986	1,083	915	895

DWS Groundwater Use - Island of Maui

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months (G)	Pumpage MAV as of 08/31/22 (GPD)	% Sustainable Yield - DWS
Wailuku	Waikapu	3					
	Iao	20					
			Mokuhanu 1	5330-09	183,845,000	503,685	2.52%
			Mokuhanu 2	5330-10	0	0	0.00%
			Mokuhanu 3	5330-11	825,596,000	2,261,907	11.31%
			Waihee 1	5431-02	889,914,000	2,438,121	12.19%
			Waihee 2	5431-03	840,543,000	2,302,858	11.51%
			Waihee 3	5431-04	874,076,000	2,394,729	11.97%
			Waiehu Heights 1	5430-01	0	0	0.00%
			Waiehu Heights 2	5430-02	509,534,000	1,395,984	6.98%
0			Kepaniwai	5332-05	225,114,000	616,751	3.08%
			Iao Tank Site Well	5230-02	470,242,000	1,288,334	6.44%
			Waikapu Well	5131-01	433,673,000	1,188,145	5.94%
			Wailuku 1	5230-04	403,347,000	1,105,060	5.53%
			Wailuku 2	5230-05	47,557,000	130,293	0.65%
	Iao Subtotal					15,625,866	78.13%
	Waihee	8					
			North Waihee # 1	5631-02	174,600,000	478,356	5.98%
			North Waihee # 2	5631-03	187,869,000	514,710	6.43%
			Kanoa 1	5731-02	341,365,000	935,247	11.69%
			Kanoa 2	5731-04	339,360,000	929,753	11.62%
			Kupaa	5731-03	559,405,000	1,532,616	19.16%
	Waihee Subtotal					4,390,682	54.88%
	Kahakuloa	5					
Central	Kahului	1					
			Maui Lani #5	5229-04	53,406,000	146,318	14.63%
			Maui Lani #6	5229-05	123,165,000	337,438	33.74%
			Maui Lani #7	5229-06	185,973,000	509,515	50.95%
	Kahului Subtotal					993,271	99.33%
	Kamaole	11					
	Paia	7					
			Hamakuapoko 1	5420-02	22,571,000	61,838	0.88%
			Hamakuapoko 2	5320-01	17,246,000	47,249	0.67%
	Paia Subtotal					109,088	1.56%
	Makawao	7					
			Pookela	5118-02	179,119,000	490,737	7.01%
	Makawao Subtotal					490,737	7.01%
Koolau	Haiku	24					
			Kaupakalua	5317-01	209,133,000	572,967	2.39%
			Haiku	5419-01	14,217,000	38,951	0.16%
	Haiku Subtotal					611,918	2.55%
	Honopou	16					
	Waikamoi	37					
	Keanae	75					
			Keanae 1	5108-01	5,181,000	14,195	0.02%
			Keanae 2	5108-02	5,782,000	15,841	0.02%
	Keanae Subtotal					30,036	0.04%
Hana	Kuhiwa	14					
	Kawaipapa	31					
			Hamoia 1	4300-02	44,545,000	122,041	0.39%
			Hamoia 2	4300-03	46,878,000	128,433	0.41%

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months (G)	Pumpage MAV as of 08/31/22 (GPD)	% Sustainable Yield - DWS
			Wakiu B	4600-03	23,014,000	63,052	0.20%
			Wakiu C	4600-04	19,621,000	53,756	0.17%
	Kawaipapa Subtotal					367,282	1.18%
	Waihoi	18					
	Kipahulu	15					
Kahikinui	Kaupo	13					
	Nakula	7					
	Luafailua	11					
Lahaina	Honokohau	9					
	Honolua	8					
			Napili A	5838-01	31,740,000	86,959	1.09%
			Napili B	5838-02	233,797,000	640,540	8.01%
			Napili C	5838-04	189,222,000	518,416	6.48%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	215,469,000	590,326	7.38%
	Honolua Subtotal					1,836,241	22.95%
	Honokowai	6					
	Launiupoko	7					
			Kanaha 1	5339-03	58,422,000	160,060	2.29%
			Kanaha 2	5339-04	30,597,000	83,827	1.20%
			Waipuka 1	5339-01	64,162,000	175,786	2.51%
			Waipuka 2	5339-02	72,269,000	197,997	2.83%
	Launiupoko Subtotal					617,671	8.82%
	Olowalu	2					
	Ukumehame	2					



DWS Groundwater Use - Island of Molokai							
Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months (G)	Pumpage MAV as of 08/31/22 (GPD)	% Sustainable Yield - DWS
West	Kaluakoi	2					
	Punakou	2					
Central	Hoolehua	2					
	Manawainui/Palaau	2					
	Kualapuu	5					
			Kualapuu	0801-03	162,035,000	443,932	8.88%
			Waikalae Tunnel	1059-01	0	0	0.00%
	Kualapuu Subtotal					443,932	8.88%
Southeast	Kamiloloa	3					
	Kawela	5					
			Kawela	0457-01	83,903,000	229,871	4.60%
	Kawela Subtotal					229,871	4.60%
	Ualapue	8					
			Ualapue	0449-01	80,580,000	220,767	2.76%
	Ualapue Subtotal					220,767	2.76%
Northeast	Waialua	6					
	Kalaupapa	2					
	Kahanui	3					
	Waikolu	5					
	Haupu	2					
	Pelekunu	9					
	Wailau	15					
	Halawa	8					

