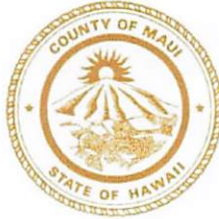


MICHAEL P. VICTORINO
Mayor

HELENE KAU
Director

SHAYNE R. AGAWA, P.E.
Deputy Director



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2022 NOV -7 AM 11:02

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COUNTY CLERK

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

November 2, 2022

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

APPROVED FOR TRANSMITTAL

Michael P. Victorino 11/7/22
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 October 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. 7834.

Sincerely,

A handwritten signature in black ink, reading "Shayne R. Agawa".

SHAYNE R. AGAWA, P.E.,
Deputy Director of Water Supply

Attachments

COUNTY COMMUNICATION NO. 22-286

"By Water All Things Find Life"

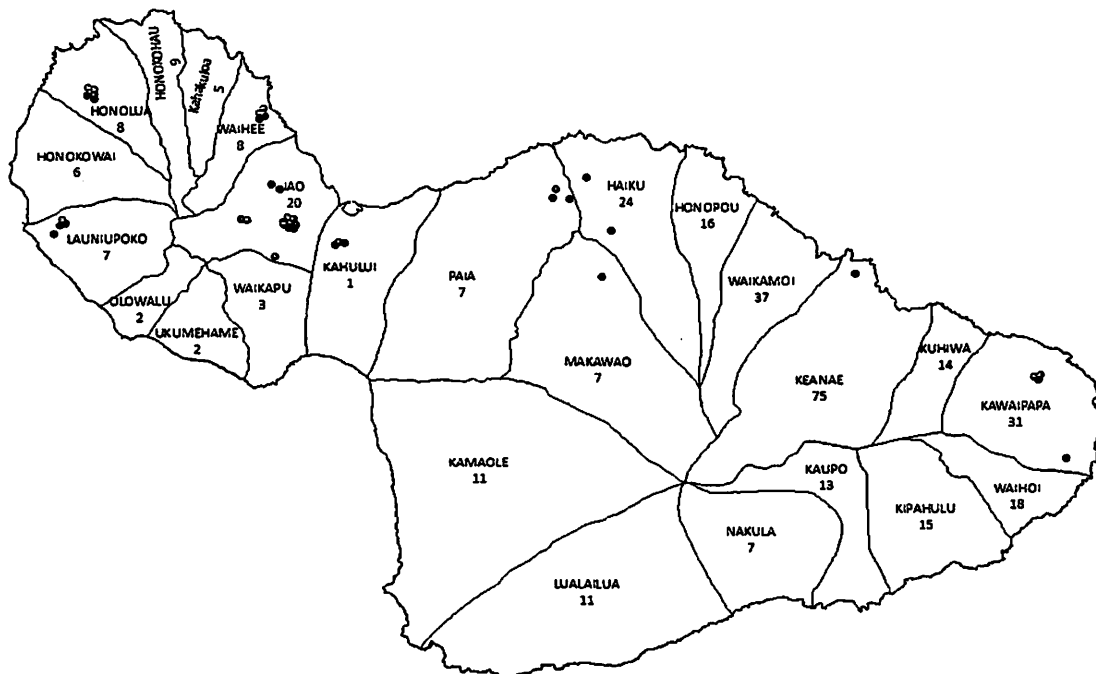
County of Maui
Dept. of Water Supply
Monthly Source Reports
(Gals X 1000)

WELL NAME	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Current Year	Last 12 Months
Central														
Mokuhau 501	995	100	0	1,031	14,891	12,056	12,297	7,337	54,818	53,785	68,899	42,852	267,965	269,060
Mokuhau 503	72,090	66,871	90,253	73,445	74,548	95,936	77,789	71,899	38,428	30,064	3,353	6,661	562,376	701,337
Waihee 577	70,213	68,779	70,798	61,754	75,830	77,048	79,481	73,136	79,660	83,978	88,351	90,941	780,977	919,969
Waihee 578	69,390	34,539	45,283	54,422	78,344	76,903	71,408	78,575	91,680	93,796	81,165	79,340	750,916	854,845
Waihee 579	74,466	62,722	68,112	69,465	70,202	71,457	69,200	81,924	76,469	83,353	77,883	77,014	745,079	882,267
Waiehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiehu Hts 515	40,662	37,347	40,059	37,408	41,201	40,971	46,054	46,296	49,135	45,933	43,158	42,650	432,865	510,874
Iao	51,740	18,645	30,837	47,350	17,015	33,859	56,861	59,108	49,263	48,728	50,752	58,907	452,680	523,065
Waikapu	36,146	31,699	36,597	37,340	37,259	32,578	33,165	34,133	37,074	36,509	33,857	33,471	351,982	419,827
Wailuku 1	22,489	59,817	16,590	7,547	48,846	50,815	13,473	13,699	46,278	49,643	27,845	32,040	306,776	389,082
Wailuku 2	4,844	247	169	1,507	109	175	1,727	160	1,399	4,143	3,165	6,381	18,935	24,026
DAILY AVERAGE	14,768	12,283	12,861	13,974	14,782	16,393	14,886	15,542	16,910	17,095	15,948	15,170	15,364	15,053
Kepaniwai 511	19,224	19,860	6,107	9,034	22,320	21,600	22,270	21,531	22,149	22,239	21,600	21,375	190,225	229,309
Iao Tunnel	32,679	26,895	32,918	42,722	49,462	47,699	49,595	48,487	49,918	50,428	48,624	44,494	464,347	523,921
DAILY AVERAGE	1,730	1,508	1,259	1,848	2,316	2,310	2,318	2,334	2,325	2,344	2,341	2,125	2,153	2,064
N. Waihee #1	15,766	11,508	12,327	12,938	13,368	13,539	13,652	14,742	16,079	17,296	14,851	15,706	144,499	171,773
N. Waihee #2	13,771	12,937	15,917	14,457	15,708	14,891	16,175	15,383	15,994	24,546	15,631	16,158	164,860	191,568
Kanoa #1	28,933	27,798	30,791	27,506	31,083	29,211	31,936	30,412	32,117	8,690	0	8,076	229,823	286,554
Kanoa #2	27,866	25,822	27,553	24,305	27,352	27,375	27,702	26,748	27,483	44,089	26,604	27,702	286,913	340,601
Kupaa	48,109	47,645	48,726	44,201	50,727	45,464	50,327	47,851	50,871	27,727	44,451	45,094	455,438	551,192
DAILY AVERAGE	4,482	4,055	4,365	4,407	4,459	4,349	4,509	4,505	4,598	3,947	3,385	3,637	4,216	4,224
Maui Lani #5	4,760	5,053	4,627	4,426	5,052	5,080	4,931	4,797	5,033	4,996	4,754	4,977	48,673	58,486
Maui Lani #6	9,470	9,256	9,209	8,394	9,293	8,993	9,293	8,993	9,274	9,279	7,784	9,293	89,805	108,531
Maui Lani #7	15,894	16,507	15,988	14,868	16,513	15,929	16,448	15,893	16,460	16,325	15,883	16,448	160,756	193,157
DAILY AVERAGE	1,004	994	962	989	995	1,000	989	989	992	987	947	991	984	987
UpCountry														
Haiku	0	0	0	0	0	0	0	0	0	0	0	132	132	132
H' Poko #1	0	0	0	5,543	10,998	115	0	0	0	5,914	10,333	0	32,904	32,904
H' Poko #2	0	0	0	6,362	7,597	0	0	0	0	3,286	7,599	0	24,845	24,845
Kaupakalua	17,664	16,394	17,102	16,600	19,365	15,566	17,133	17,831	18,175	19,272	17,397	17,753	176,194	210,252
Pookela	26,800	7,639	20,601	34,058	38,202	3,105	7,897	6,823	6,022	20,442	37,085	39,132	213,366	247,805
DAILY AVERAGE	1,482	775	1,216	2,234	2,457	626	807	822	781	1,578	2,414	1,839	1,472	1,414
Lahaina														
Kanaha 575	3,773	2,060	1,343	4,892	9,277	5,233	5,511	7,210	2,261	8,743	9,054	4,485	58,009	63,842
Kanaha 576	3,631	1,235	754	1,979	6,866	1,616	4,443	922	711	1,893	1,825	10,691	31,700	36,566
Waipuka 559	7,866	3,511	2,790	3,943	6,448	7,571	6,672	3,958	552	2,110	2,851	6,731	43,626	55,003
Waipuka 560	5,463	1,101	625	5,406	11,427	7,151	7,675	7,528	2,178	8,786	10,451	11,694	72,921	79,485
Napili A 569	1,071	144	83	309	20,766	2,319	2,103	174	594	3,520	3,451	3,622	36,941	38,156
Napili B 570	21,917	18,217	19,448	21,897	25,536	13,624	15,077	18,024	11,264	19,224	2,341	0	146,435	186,569
Napili C 571	11,339	8,677	6,739	2,449	5,105	17,925	21,761	34,096	37,638	29,251	33,337	42,704	231,005	251,021
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	22,613	19,368	20,724	23,691	26,905	9,016	10,997	3,483	12,734	8,074	18,748	21,519	155,891	197,872
DAILY AVERAGE	2,589	1,752	1,694	2,306	3,624	2,149	2,395	2,513	2,191	2,632	2,735	3,272	2,554	2,489
Hana														
Hamoā 597	6,132	4,238	864	3,597	4,695	1,753	3,419	2,722	3,876	4,742	3,468	6,849	35,985	46,355
Hamoā #2	1,758	3,158	6,492	5,149	3,389	5,657	3,368	3,970	4,037	4,208	4,740	2,048	43,058	47,974
Keanae #1	219	722	72	657	668	220	504	504	436	11	423	418	3,912	4,853
Keanae #2	829	0	814	168	299	590	548	548	243	624	177	131	4,142	4,971
Waklu 550 B	926	3,291	2,522	2,695	2,096	382	1,608	1,703	1,250	2,424	292	877	15,849	20,066
Waklu C	2,451	116	1,157	761	1,564	3,284	2,569	2,106	2,773	553	1,970	1,446	18,183	20,750
DAILY AVERAGE	411	372	385	465	410	396	388	385	407	405	369	380	398	397
Molokai														
Kawela 551	395	0	13	6,028	1,915	0	0	1	8,208	1,338	2	0	17,504	17,899
Kawela 552	7,490	9,310	9,327	2,565	2,999	4,161	4,078	3,652	527	5,439	7,322	3,365	43,435	60,235
Ualapue 553	2,124	3,257	3,373	2,993	3,530	3,575	3,839	4,152	3,890	4,718	1,504	3,483	35,057	40,438
Ualapue 554	4,167	1,592	1,965	2,672	4,000	3,151	3,951	3,674	3,548	3,930	4,954	3,541	35,386	41,145
Kualapuu	12,527	8,425	7,970	8,803	14,450	15,766	17,302	18,332	14,398	18,133	16,313	17,189	148,656	169,608
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	890	729	731	824	868	888	941	994	986	1,083	1,003	890	921	902

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 10/31/22 (GPD)	% Sustainable Yield - DWS
Wailuku	Waikapu	3					
	Iao	20					
			Mokuhau 1	5330-09	269,060,000	737,151	3.69%
			Mokuhau 2	5330-10	0	0	0.00%
			Mokuhau 3	5330-11	701,337,000	1,921,471	9.61%
			Waihee 1	5431-02	919,969,000	2,520,463	12.60%
			Waihee 2	5431-03	854,845,000	2,342,041	11.71%
			Waihee 3	5431-04	882,267,000	2,417,170	12.09%
			Walehu Heights 1	5430-01	0	0	0.00%
			Waiehu Heights 2	5430-02	510,874,000	1,399,655	7.00%
			Kepaniwai	5332-05	229,309,000	628,244	3.14%
			Iao Tank Site Well	5230-02	523,065,000	1,433,055	7.17%
			Waikapu Well	5131-01	419,827,000	1,150,211	5.75%
			Wailuku 1	5230-04	389,082,000	1,065,978	5.33%
			Wailuku 2	5230-05	24,026,000	65,825	0.33%
			Iao Subtotal			15,681,263	78.41%
	Waihee	8					
			North Waihee # 1	5631-02	171,773,000	470,611	5.88%
			North Waihee # 2	5631-03	191,568,000	524,844	6.56%
			Kanoa 1	5731-02	286,554,000	785,079	9.81%
			Kanoa 2	5731-04	340,601,000	933,153	11.66%
			Kupaa	5731-03	551,192,000	1,510,115	18.88%
			Waihee Subtotal			4,223,803	52.80%
	Kahakuloa	5					
Central	Kahului	1					
			Maui Lani #5	5229-04	58,486,000	160,236	16.02%
			Maui Lani #6	5229-05	108,531,000	297,345	29.73%
			Maui Lani #7	5229-06	193,157,000	529,197	52.92%
			Kahului Subtotal			986,778	98.68%
	Kamaole	11					
	Paia	7					
			Hamakuapoko 1	5420-02	32,904,000	90,148	1.29%
			Hamakuapoko 2	5320-01	24,845,000	68,068	0.97%
			Paia Subtotal			158,216	2.26%
	Makawao	7					
			Pookela	5118-02	247,805,000	678,918	9.70%
			Makawao Subtotal			678,918	9.70%
Koolau	Haiku	24					
			Kaupakalua	5317-01	210,252,000	576,033	2.40%
			Haiku	5419-01	132,000	362	0.00%
			Haiku Subtotal			576,395	2.40%
	Honopou	16					
	Waikamoi	37					
	Keanae	75					
			Keanae 1	5108-01	4,853,000	13,296	0.02%
			Keanae 2	5108-02	4,971,000	13,619	0.02%
			Keanae Subtotal			26,915	0.04%
Hana	Kuhiwa	14					
	Kawaipapa	31					
			Hamoia 1	4300-02	46,355,000	127,000	0.41%
			Hamoia 2	4300-03	47,974,000	131,436	0.42%

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 10/31/22 (GPD)	% Sustainable Yield - DWS
			Waiuku B	4600-03	20,066,000	54,975	0.18%
			Waiuku C	4600-04	20,750,000	56,849	0.18%
	Kawalpapa Subtotal					370,260	1.19%
	Waihoi	18					
	Kipahulu	15					
Kahikinui	Kaupo	13					
	Nakula	7					
	Lualailua	11					
Lahaina	Honokohau	9					
	Honolua	8					
			Napili A	5838-01	38,156,000	104,537	1.31%
			Napili B	5838-02	186,569,000	511,148	6.39%
			Napili C	5838-04	251,021,000	687,729	8.60%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5838-01	197,872,000	542,115	6.78%
	Honolua Subtotal					1,845,529	23.07%
	Honokowai	6					
	Launiupoko	7					
			Kanaha 1	5339-03	63,842,000	174,910	2.50%
			Kanaha 2	5339-04	36,566,000	100,181	1.43%
			Waipuka 1	5339-01	55,003,000	150,693	2.15%
			Waipuka 2	5339-02	79,485,000	217,767	3.11%
	Launiupoko Subtotal					643,561	9.19%
	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 10/31/22 (GPD)	% Sustainable Yield - DWS
West	Kaluakoi	2					
	Punakou	2					
Central	Hoolehua	2					
	Manawainui/Palaau	2					
	Kualapuu	5	Kualapuu	0801-03	169,608,000	464,679	9.29%
			Waikalae Tunnel	1059-01	0	0	0.00%
	Kualapuu Subtotal					464,679	9.29%
Southeast	Kamiloloa	3					
	Kawela	5	Kawela	0457-01	78,134,000	214,066	4.28%
	Kawela Subtotal					214,066	4.28%
	Ualapue	8	Ualapue	0449-01	81,583,000	223,515	2.79%
	Ualapue Subtotal					223,515	2.79%
	Waialua	6					
Northeast	Kalaupapa	2					
	Kahanui	3					
	Waikolu	5					
	Haupu	2					
	Pelekunu	9					
	Wailau	15					
	Halawa	8					

