

KATHY L. KAOHU
County Clerk



JAMES G.M. KRUEGER
Deputy County Clerk

OFFICE OF THE COUNTY CLERK
COUNTY OF MAUI
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793
www.mauicounty.gov/county/clerk

February 18, 2022

Honorable Yuki Lei Sugimura, Chair
Infrastructure and Transportation Committee
Council of the County of Maui
Wailuku, Hawaii 96793

Dear Chair Sugimura:

Respectfully transmitted is a copy of COUNTY COMMUNICATION NO. 22-50, from the Director of Water Supply, that was referred to your Committee by the Council of the County of Maui at its meeting of February 18, 2022.

Respectfully,

A handwritten signature in black ink that reads "Kathy L. Kaohu".

KATHY L. KAOHU
County Clerk

/jym

Enclosures

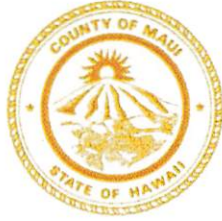
cc: Director of Council Services

OFFICE OF THE
COUNTY CLERK

2022 FEB 18 PM 3:57

RECEIVED

HELENE KAU
Deputy Director



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

RECEIVED
2022 FEB -8 PM 2:01
OFFICE OF THE
COUNTY CLERK

February 3, 2022

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

APPROVED FOR TRANSMITTAL

Michael P. Vitt 2/7/22
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 January 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,

Wm. T. A.

JEFFREY T. PEARSON, P.E.
Director of Water Supply

Attachments

COUNTY COMMUNICATION NO. 22-50

"By Water All Things Find Life"

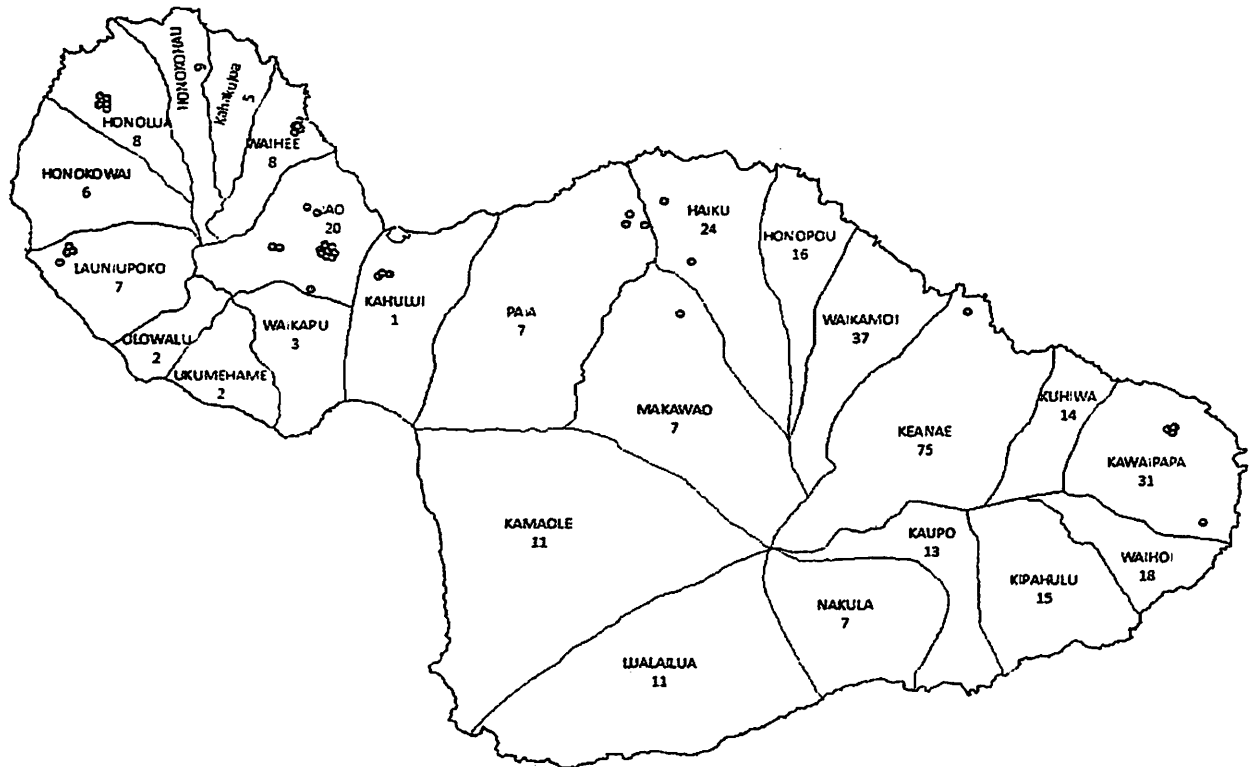
County of Maui
Dept. of Water Supply
Monthly Source Reports
(Gals X 1000)

WELL NAME	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Current Year	Last 12 Months
Central														
Mokuahu 501	3,197	1,524	925	7,353	18,671	11,108	14,228	15,793	10,743	995	100	0	0	84,637
Mokuahu 503	39,891	46,146	53,661	75,762	77,789	90,485	74,183	57,698	76,575	72,090	66,871	90,253	90,253	821,404
Waihee 577	85,879	82,611	66,581	54,832	52,889	60,631	67,021	74,522	74,715	70,213	68,779	70,798	70,798	829,471
Waihee 578	38,953	49,324	56,938	50,970	59,924	61,793	71,811	73,674	72,529	69,390	34,539	45,283	45,283	685,128
Waihee 579	15,732	40,537	80,491	111,665	120,276	122,846	115,585	74,349	72,357	74,466	62,722	68,112	68,112	959,138
Waiehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiehu Hts 515	34,592	37,380	39,746	43,013	44,486	43,113	42,861	42,247	42,221	40,662	37,347	40,059	40,059	487,727
lao	5,756	40,031	31,431	36,286	51,523	33,150	17,907	39,419	17,417	51,740	18,645	30,837	30,837	374,142
Waikapu	26,567	26,592	28,126	33,252	36,268	37,242	35,545	40,643	40,531	36,146	31,699	36,597	36,597	409,208
Wailuku 1	39,641	32,768	43,225	37,599	42,290	34,441	46,442	22,683	51,467	22,489	59,817	16,590	16,590	449,452
Wailuku 2	22,664	9,318	0	0	416	24,123	32,859	24,407	8,670	4,844	247	169	169	127,717
DAILY AVERAGE	11,174	11,814	13,371	14,540	16,818	16,740	16,724	15,515	15,072	14,768	12,283	12,861	12,861	14,323
Kepaniwai 511	17,942	19,811	19,224	19,861	19,114	19,865	19,636	19,144	19,636	19,224	19,860	6,107	6,107	219,424
lao Tunnel	45,352	46,115	30,895	30,946	30,902	32,450	33,289	32,255	33,289	32,679	26,895	32,918	32,918	407,985
DAILY AVERAGE	2,261	2,127	1,671	1,639	1,667	1,688	1,707	1,713	1,707	1,730	1,508	1,259	1,259	1,719
N. Waihee #1	44,246	44,897	46,966	48,942	47,203	49,039	17,730	15,654	17,730	15,766	11,508	12,327	12,327	372,008
N. Waihee #2	47	176	1,718	217	231	423	14,843	13,247	14,843	13,771	12,937	15,917	15,917	88,370
Kanoa #1	43,974	46,479	45,831	51,664	52,637	54,774	32,703	30,184	32,703	28,933	27,798	30,791	30,791	478,471
Kanoa #2	68	289	497	400	252	377	26,454	26,611	26,454	27,866	25,822	27,553	27,553	162,643
Kupaa	46,615	48,780	48,896	50,162	49,148	49,850	49,635	48,123	49,635	48,109	47,645	48,726	48,726	585,324
DAILY AVERAGE	4,820	4,536	4,797	4,883	4,982	4,983	4,560	4,461	4,560	4,482	4,055	4,365	4,365	4,621
Maui Lani #5	141	75	77	68	86	459	46	408	4,243	4,760	5,053	4,627	4,627	20,043
Maui Lani #6	9,683	11,103	10,728	10,873	10,592	11,685	22,320	21,321	10,390	9,470	9,256	9,209	9,209	146,630
Maui Lani #7	14,415	16,408	15,929	16,462	15,950	15,701	10,821	10,581	14,566	15,894	16,507	15,988	15,988	179,222
DAILY AVERAGE	866	890	891	884	888	898	1,071	1,077	942	1,004	994	962	962	948
UpCountry														
Haiku	9,178	8,857	9,907	10,381	12,377	13,681	13,887	13,178	1,039	0	0	0	0	92,485
H' Poko #1	0	0	0	0	3,801	6,034	0	0	0	0	0	0	0	9,835
H' Poko #2	0	0	0	0	2,478	4,565	0	0	0	0	0	0	0	7,043
Kaupakalua	14,649	16,196	16,932	17,409	20,022	18,465	17,506	17,218	16,813	17,664	16,394	17,102	17,102	206,370
Pookela	119	60	1	0	6,638	23,812	4,893	174	7,357	26,800	7,639	20,601	20,601	98,094
DAILY AVERAGE	855	810	895	896	1,511	2,147	1,171	1,019	813	1,482	775	1,216	1,216	1,134
Lahaina														
Kanaha 575	715	784	86	65	5,794	5,697	7,867	5,256	2,863	3,773	2,060	1,343	1,343	36,303
Kanaha 576	2,036	1,216	254	1,940	9,385	8,735	8,467	3,062	3,485	3,631	1,235	754	754	44,200
Waipuka 559	2,418	1,365	330	2,604	9,235	7,840	10,303	9,549	9,192	7,866	3,511	2,790	2,790	67,003
Waipuka 560	719	761	102	63	6,466	10,195	10,126	8,434	6,495	5,463	1,101	625	625	50,550
Napili A 569	111	142	103	254	1,858	1,482	542	265	392	1,071	144	83	83	6,447
Napili B 570	4,724	2,213	7,334	22,482	16,971	15,820	14,367	25,523	24,046	21,917	18,217	19,448	19,448	193,062
Napili C 571	25,575	39,355	35,635	16,521	41,068	43,649	43,711	9,073	5,169	11,339	8,677	6,739	6,739	286,511
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	8,999	2,438	4,254	14,316	21,685	31,230	29,716	28,960	28,904	22,613	19,368	20,724	20,724	233,207
DAILY AVERAGE	1,618	1,557	1,603	1,879	3,749	4,021	4,035	3,004	2,598	2,589	1,752	1,694	1,694	2,513
Hana														
Hamao 597	2,115	2,813	4,527	2,486	1,186	4,419	2,380	6,323	2,184	6,132	4,238	864	864	39,667
Hamao #2	4,699	4,641	2,591	6,237	229	4,428	5,895	774	4,918	1,758	3,158	6,492	6,492	45,820
Keanae #1	570	2	409	539	1,222	124	741	519	650	219	722	72	72	5,789
Keanae #2	538	1,333	1,029	1,280	626	1,011	438	575	544	829	0	814	814	9,017
Wakiu 550 B	1,458	1,655	1,163	2,064	1,131	1,308	1,106	1,921	2,196	926	3,291	2,522	2,522	20,741
Wakiu C	1,602	1,409	2,641	1,674	2,900	2,540	2,347	1,228	1,059	2,451	116	1,157	1,157	21,124
DAILY AVERAGE	392	382	412	461	243	446	416	378	373	411	372	385	385	389
Molokai														
Kawela 551	8,018	8,578	7,855	9,371	9,662	1,737	1,560	7,016	9,430	395	0	13	13	63,635
Kawela 552	0	137	1,324	9	4	5,255	3,034	3	9	7,490	9,310	9,327	9,327	35,902
Ualapue 553	4,013	3,310	3,232	5,125	2,251	3,619	1,819	2,238	4,331	2,124	3,257	3,373	3,373	38,692
Ualapue 554	1,268	1,775	3,032	1,642	5,843	3,831	5,086	3,793	2,117	4,167	1,592	1,965	1,965	36,111
Kualapuu	7,886	8,715	10,587	12,326	13,622	16,669	17,782	13,534	12,395	12,527	8,425	7,970	7,970	142,438
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	757	726	868	918	1,046	1,004	945	886	912	890	729	731	731	868

DWS Groundwater Use - Island of Maui

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 01/31/22	% Sustainable Yield
Wailuku	Waikapu	3					
	lao	20					
			Mokuhau 1	5330-09	84,637,000	231,882	1.16%
			Mokuhau 2	5330-10	0	0	0.00%
			Mokuhau 3	5330-11	821,404,000	2,250,422	11.25%
			Waihee 1	5431-02	829,471,000	2,272,523	11.36%
			Waihee 2	5431-03	685,128,000	1,877,063	9.39%
			Waihee 3	5431-04	959,138,000	2,627,775	13.14%
			Waiehu Heights 1	5430-01	0	0	0.00%
			Waiehu Heights 2	5430-02	487,727,000	1,336,238	6.68%
0			Kepaniwai	5332-05	219,424,000	601,162	3.01%
			lao Tank Site We	5230-02	374,142,000	1,025,047	5.13%
			Waikapu Well	5131-01	409,208,000	1,121,118	5.61%
			Wailuku 1	5230-04	449,452,000	1,231,375	6.16%
			Wailuku 2	5230-05	127,717,000	349,910	1.75%
	lao Subtotal					14,924,515	74.62%
	Waihee	8					
			North Waihee # 1	5631-02	372,008,000	1,019,200	12.74%
			North Waihee # 2	5631-03	88,370,000	242,110	3.03%
			Kanoa 1	5731-02	478,471,000	1,310,879	16.39%
			Kanoa 2	5731-04	162,643,000	445,597	5.57%
			Kupaa	5731-03	585,324,000	1,603,627	20.05%
	Waihee Subtotal					4,621,414	57.77%
	Kahakuloa	5					
Central	Kahului	1					
			Maui Lani #5	5229-04	20,043,000	54,912	5.49%
			Maui Lani #6	5229-05	146,630,000	401,726	40.17%
			Maui Lani #7	5229-06	179,222,000	491,019	49.10%
	Kahului Subtotal					947,658	94.77%
	Kamaole	11					
	Paia	7					
			Hamakuapoko 1	5420-02	9,835,000	26,945	0.38%
			Hamakuapoko 2	5320-01	7,043,000	19,296	0.28%
	Paia Subtotal					46,241	0.66%
	Makawao	7					
			Pookela	5118-02	98,094,000	268,751	3.84%
	Makawao Subtotal					268,751	3.84%
Koolau	Haiku	24					
			Kaupakalua	5317-01	206,370,000	565,397	2.36%
			Haiku	5419-01	92,485,000	253,384	1.06%
	Haiku Subtotal					818,781	3.41%
	Honopou	16					
	Waikamoi	37					
	Kearae	75					
			Kearae 1	5108-01	5,789,000	15,860	0.02%
			Kearae 2	5108-02	9,017,000	24,704	0.03%
	Kearae Subtotal					40,564	0.05%
Hana	Kuhiwa	14					
	Kawaipapa	31					
			Hamoia 1	4300-02	39,667,000	108,677	0.35%
			Hamoia 2	4300-03	45,820,000	125,534	0.40%

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 01/31/22	% Sustainable Yield
			Waiuku B	4600-03	20,741,000	56,825	0.18%
			Waiuku C	4600-04	21,124,000	57,874	0.19%
	Kaiaipapa Subtotal					348,910	1.13%
	Waihoi	18					
	Kipahulu	15					
Kahikinui	Kaupo	13					
	Nakula	7					
	Lualailua	11					
Lahaina	Honokohau	9					
	Honolua	8					
			Napili A	5838-01	6,447,000	17,663	0.22%
			Napili B	5838-02	193,062,000	528,937	6.61%
			Napili C	5838-04	286,511,000	784,962	9.81%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	233,207,000	638,923	7.99%
	Honolua Subtotal					1,970,485	24.63%
	Honokowai	6					
	Launiupoko	7					
			Kanaha 1	5339-03	36,303,000	99,460	1.42%
			Kanaha 2	5339-04	44,200,000	121,096	1.73%
			Waipuka 1	5339-01	67,003,000	183,570	2.62%
			Waipuka 2	5339-02	50,550,000	138,493	1.98%
	Launiupoko Subtotal					542,619	7.75%
	Olowalu	2					
	Ukumehame	2					



Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 01/31/22	% Sustainable Yield		
DWS Groundwater Use - Island of Molokai									
Aquifer Sector	Aquifer System	Sustainable Yield	Developable Yield	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 01/31/22+H4	Sustainable Yield - % DWS	% DY MWWGR
West	Kaluakoi	2	2						
	Punakou	2	2						
Central	Hoolehua	2	2						
	Manawainui/Palaau	2	2						
	Kualapuu	5	5						
				Kualapuu	0801-03	142,438,000	390,241	7.80%	7.80%
				Waikalae Tunnel	1059-01	0	0	0.00%	0.00%
	Kualapuu Subtotal						390,241	7.80%	7.80%
Southeast	Kamiloloa	3	3						
	Kawela	5	5						
				Kawela	0457-01	99,537,000	272,704	5.45%	5.45%
	Kawela Subtotal						272,704	5.45%	5.45%
	Ualapue	8	8						
				Ualapue	0449-01	74,803,000	204,940	2.56%	2.56%
	Ualapue Subtotal						204,940	2.56%	2.56%
	Waialua	6	8						
Northeast	Kalaupapa	2	0						
	Kahanui	3	0						
	Waikolu	5	4.5						
	Haupu	2	0						
	Pelekunu	9	0						
	Wailau	15	0						
	Halawa	8	0						

