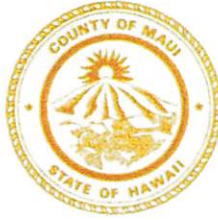


MICHAEL P. VICTORINO
Mayor

JEFFREY T. PEARSON, P.E.
Director

HELENE KAU
Deputy Director



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

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OFFICE OF THE
COUNTY CLERK

September 3, 2021

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

APPROVED FOR TRANSMITTAL

Michael P. Victorino 9/6/21

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 2021.

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, appearing to read "Jeffrey T. Pearson".

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

Attachments

COUNTY COMMUNICATION NO. 21-437

"By Water All Things Find Life"

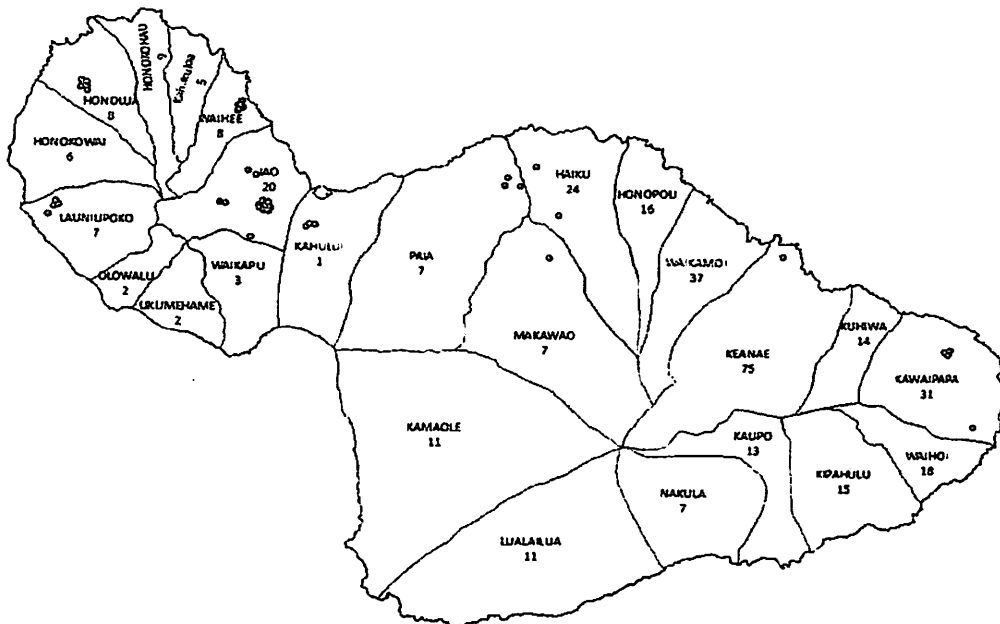
County of Maui
Dept. of Water Supply
Monthly Source Reports
(Gals X 1000)

WELL NAME	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Current Year	Last 12 Months
Central														
Mokuhau 501	17,943	15,137	13,448	17,173	5,734	3,197	1,524	925	7,353	18,671	11,108	14,228	62,740	126,441
Mokuhau 503	117,499	106,457	88,116	80,161	62,668	39,891	46,146	53,661	75,762	77,789	90,485	74,183	520,585	912,818
Waihee 577	64,509	56,728	55,418	51,134	42,529	85,879	82,611	66,581	54,832	52,889	60,631	67,021	512,973	740,762
Waihee 578	61,393	56,268	48,568	46,375	28,534	38,953	49,324	56,938	50,970	59,924	61,793	71,811	418,247	630,851
Waihee 579	122,877	122,829	117,912	128,701	100,869	15,732	40,537	80,491	111,665	120,276	122,846	115,585	708,001	1,200,320
Waiehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiehu Hts 515	42,449	42,413	37,555	43,410	40,785	34,592	37,380	39,746	43,013	44,486	43,113	42,861	325,976	491,803
Iao	1,919	16,909	16,045	17,798	30,787	5,756	40,031	31,431	36,286	51,523	33,150	17,907	246,871	299,542
Waikapu	34,200	32,612	32,862	33,629	29,330	26,567	26,592	28,126	33,252	36,268	37,242	35,545	252,922	386,225
Wailuku 1	62,109	48,115	64,584	41,771	10,650	39,641	32,768	43,225	37,599	42,290	34,441	46,442	287,056	503,635
Wailuku 2	0	0	0	6,623	22,724	22,664	9,318	0	0	416	24,123	32,859	112,104	118,727
DAILY AVERAGE	17,497	16,047	15,817	15,057	12,084	11,174	11,814	13,371	14,540	16,818	16,740	16,724	14,187	14,825
Kepaniwai 511	21,539	22,320	21,600	22,320	22,313	17,942	19,811	19,224	19,861	19,114	19,865	19,636	157,766	245,545
Iao Tunnel	47,960	50,018	48,640	50,294	50,296	45,352	46,115	30,895	30,946	30,902	32,450	33,289	300,245	497,157
DAILY AVERAGE	2,317	2,333	2,341	2,342	2,342	2,261	2,127	1,671	1,639	1,667	1,688	1,707	1,885	2,035
N. Waihee #1	10,473	10,038	12,044	10,792	27,458	44,246	44,897	46,966	48,942	47,203	49,039	17,730	326,481	369,828
N. Waihee #2	5,273	5,348	5,694	4,044	2,347	47	176	1,718	217	231	423	14,843	20,002	40,361
Kanoa #1	23,220	22,133	24,473	26,885	37,668	43,974	46,479	45,831	51,664	52,637	54,774	32,703	365,730	462,441
Kanoa #2	16,087	17,728	22,031	22,370	12,806	68	289	497	400	252	377	26,454	41,143	119,359
Kupaa	42,157	45,823	42,530	46,704	48,926	46,615	48,780	48,896	50,162	49,148	49,850	49,635	392,012	569,226
DAILY AVERAGE	3,240	3,260	3,559	3,574	4,168	4,820	4,536	4,797	4,883	4,982	4,983	4,560	4,713	4,277
Maui Lani #5	5,198	5,870	5,778	3,840	79	141	75	77	68	86	459	46	1,031	21,717
Maui Lani #6	1,381	1,379	98	4,098	11,316	9,683	11,103	10,728	10,873	10,592	11,685	22,320	98,300	105,256
Maui Lani #7	12,140	13,455	10,649	12,796	16,582	14,415	16,408	15,929	16,462	15,950	15,701	10,821	122,268	171,308
DAILY AVERAGE	624	668	551	669	902	866	890	891	884	888	898	1,071	912	817
UpCountry														
Haiku	11,127	11,740	9,790	9,444	8,672	9,178	8,857	9,907	10,381	12,377	13,681	13,887	86,940	129,041
H' Poko #1	0	43	0	0	0	0	0	0	0	3,801	6,034	0	9,835	9,878
H' Poko #2	0	41	0	0	0	0	0	0	0	2,478	4,565	0	7,043	7,084
Kaupakalua	19,895	22,727	16,770	17,574	16,907	14,649	16,196	16,932	17,409	20,022	18,465	17,506	138,086	215,052
Pookela	38,209	38,984	29,816	7,706	99	119	60	1	0	6,638	23,812	4,893	35,622	150,337
DAILY AVERAGE	2,308	2,372	1,879	1,120	828	855	810	895	896	1,511	2,147	1,171	1,142	1,401
Lahaina														
Kanaha 575	8,053	9,609	1,106	536	635	715	784	86	65	5,794	5,697	7,867	21,643	40,947
Kanaha 576	732	6,534	3,328	3,895	1,754	2,036	1,216	254	1,940	9,385	8,735	8,467	33,787	48,276
Waipuka 559	1,756	3,123	556	2,416	2,449	2,418	1,365	330	2,604	9,235	7,840	10,303	36,544	44,395
Waipuka 560	10,342	11,211	4,122	3,631	579	719	761	102	63	6,466	10,195	10,126	29,011	58,317
Napili A 569	1,069	149	1,312	128	113	111	142	103	254	1,858	1,482	542	4,605	7,263
Napili B 570	15,096	20,725	12,572	5,199	11,690	4,724	2,213	7,334	22,482	16,971	15,820	14,367	95,601	149,193
Napili C 571	37,579	33,498	20,621	37,597	25,130	25,575	39,355	35,635	16,521	41,068	43,649	43,711	270,644	399,939
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	8,984	16,558	9,962	4,568	4,179	8,999	2,438	4,254	14,316	21,685	31,230	29,716	116,817	156,889
DAILY AVERAGE	2,787	3,271	1,786	1,870	1,501	1,618	1,557	1,603	1,879	3,749	4,021	4,035	2,505	2,480
Hana														
Hamoia 597	2,749	5,489	2,092	2,270	3,717	2,115	2,813	4,527	2,466	1,186	4,419	2,380	23,643	36,243
Hamoia #2	5,353	1,995	5,274	5,414	4,041	4,699	4,641	2,591	6,237	229	4,428	5,895	32,761	50,797
Keanae #1	693	511	386	1,009	499	570	2	409	539	1,222	124	741	4,106	6,705
Keanae #2	382	775	730	139	592	538	1,333	1,029	1,280	626	1,011	438	6,847	8,873
Wakiu 550 B	2,497	1,140	832	1,017	1,573	1,458	1,655	1,163	2,064	1,131	1,308	1,106	11,458	16,944
Wakiu C	130	1,745	1,842	1,990	1,440	1,602	1,409	2,641	1,674	2,900	2,540	2,347	16,553	22,260
DAILY AVERAGE	393	376	372	382	383	392	382	412	461	243	446	416	392	389
Molokai														
Kawela 551	8,833	8,318	7,402	9,337	8,890	8,018	8,578	7,855	9,371	9,662	1,737	1,560	55,671	89,561
Kawela 552	6	5	1,479	0	0	0	137	1,324	9	4	5,255	3,034	9,763	11,253
Ualapue 553	1,915	4,577	3,791	3,810	1,873	4,013	3,310	3,232	5,125	2,251	3,619	1,819	25,242	39,335
Ualapue 554	6,342	2,866	2,270	2,774	3,662	1,268	1,775	3,032	1,642	5,843	3,831	5,086	26,139	40,391
Kualapuu	11,378	10,124	8,546	9,238	7,803	7,886	8,715	10,587	12,326	13,622	16,669	17,782	95,390	134,676
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	949	835	783	812	717	757	726	868	918	1,046	1,004	945	873	864

Monthly COM DWS Groundwater Report August 2021

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 8/31/21	% Sustainable Yield
Wailuku	Waikapu	3					
	Iao	20	Mokuhau 1	5330-09	126,441,000	346,414	1.73%
			Mokuhau 2	5330-10	0	0	0.00%
			Mokuhau 3	5330-11	912,818,000	2,500,871	12.50%
			Waihee 1	5431-02	740,762,000	2,029,485	10.15%
			Waihee 2	5431-03	630,851,000	1,728,359	8.64%
			Waihee 3	5431-04	1,200,320,000	3,288,548	16.44%
			Waiehu Heights 1	5430-01	0	0	0.00%
			Waiehu Heights 2	5430-02	491,803,000	1,347,405	6.74%
	0		Kepaniwai	5332-05	245,545,000	672,726	3.36%
			Iao Tank Site Well	5230-02	299,542,000	820,663	4.10%
			Waikapu Well	5131-01	386,225,000	1,058,151	5.29%
			Wailuku 1	5230-04	503,635,000	1,379,822	6.90%
			Wailuku 2	5230-05	118,727,000	325,279	1.63%
	Iao Subtotal					15,497,723	77.49%
Waihee		8	North Waihee # 1	5631-02	369,828,000	1,013,227	12.67%
			North Waihee # 2	5631-03	40,362,000	110,581	1.38%
			Kanoa 1	5731-02	462,441,000	1,266,962	15.84%
			Kanoa 2	5731-04	119,359,000	327,011	4.09%
			Kupaa	5731-03	569,226,000	1,559,523	19.49%
	Waihee Subtotal					4,277,304	53.47%
	Kahakuloa	5					
Central	Kahului	1	Maui Lani #5	5229-04	21,717,000	59,499	5.95%
			Maui Lani #6	5229-05	105,256,000	288,373	28.84%
			Maui Lani #7	5229-06	171,308,000	469,337	46.93%
	Kahului Subtotal					817,208	81.72%
	Kamaole	11					
	Pala	7					
			Hamakuapoko 1	5420-02	9,878,000	27,063	0.39%
			Hamakuapoko 2	5320-01	7,084,000	19,408	0.28%
	Pala Subtotal					46,471	0.66%
	Makawao	7					
Koolau			Pookela	5118-02	150,337,000	411,882	5.88%
	Makawao Subtotal					411,882	5.88%
Hana	Haiku	24	Kaupakalua	5317-01	215,052,000	589,184	2.45%
			Haiku	5419-01	129,041,000	353,537	1.47%
	Haiku Subtotal					942,721	3.93%
	Honopou	16					
	Waikamoi	37					
	Kearnae	75	Kearnae 1	5108-01	6,705,000	18,370	0.02%
			Kearnae 2	5108-02	8,873,000	24,310	0.03%
	Kearnae Subtotal					42,679	0.06%
	Kuhiwa	14					
	Kawaiapapa	31	Hamoia 1	4300-02	36,243,000	99,296	0.32%
Kahikinui			Hamoia 2	4300-03	50,797,000	139,170	0.45%
			Wakiu B	4600-03	16,944,000	46,422	0.15%
			Wakiu C	4600-04	22,260,000	60,986	0.20%
	Kawaiapapa Subtotal					345,874	1.12%
	Waiholi	18					
	Kipahulu	15					
	Kaupo	13					
	Nakula	7					
	Lualailua	11					
Lahaina	Honokohau	9					
	Honolua	8	Napili A	5838-01	7,263,000	19,899	0.25%
			Napili B	5838-02	149,193,000	408,748	5.11%
			Napili C	5838-04	399,939,000	1,095,723	13.70%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	156,889,000	429,833	5.37%
	Honolua Subtotal					1,954,203	24.43%
	Honokowai	6					
	Launiupoko	7	Kanaha 1	5339-03	40,947,000	112,184	1.60%
			Kanaha 2	5339-04	48,276,000	132,263	1.89%
Olionala			Waipuka 1	5339-01	44,395,000	121,630	1.74%
			Waipuka 2	5339-02	58,317,000	159,773	2.28%
	Launiupoko Subtotal					525,849	7.51%
	Olionala	2					
	Ukumehame	2					

Monthly COM DWS Groundwater Report August 2021



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 8/31/21	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	134,676,000	368,975	7.38%	7.38%
				Waikatae Tunnel	1059-01	0	0	0.00%	0.00%
	Kualapuu Subtotal						368,975	7.38%	7.38%
Southeast	Kamiloloa	3	3						
	Kawela	5	5						
				Kawela	0457-01	100,814,000	276,203	5.52%	5.52%
	Kawela Subtotal						276,203	5.52%	5.52%
	Ualapue	8	8						
				Ualapue	0449-01	79,726,000	218,427	2.73%	2.73%
	Ualapue Subtotal						218,427	2.73%	2.73%
	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						

