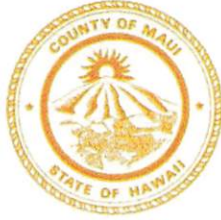


MICHAEL P. VICTORINO
Mayor

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 MAYOR

OFFICE OF THE
COUNTY CLERK

2021 NOV -5 AM 10:47

RECEIVED

November 3, 2021

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

APPROVED FOR TRANSMITTAL

Michael P. Victorino 11/4/21
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 October 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. 21-526

"By Water All Things Find Life"

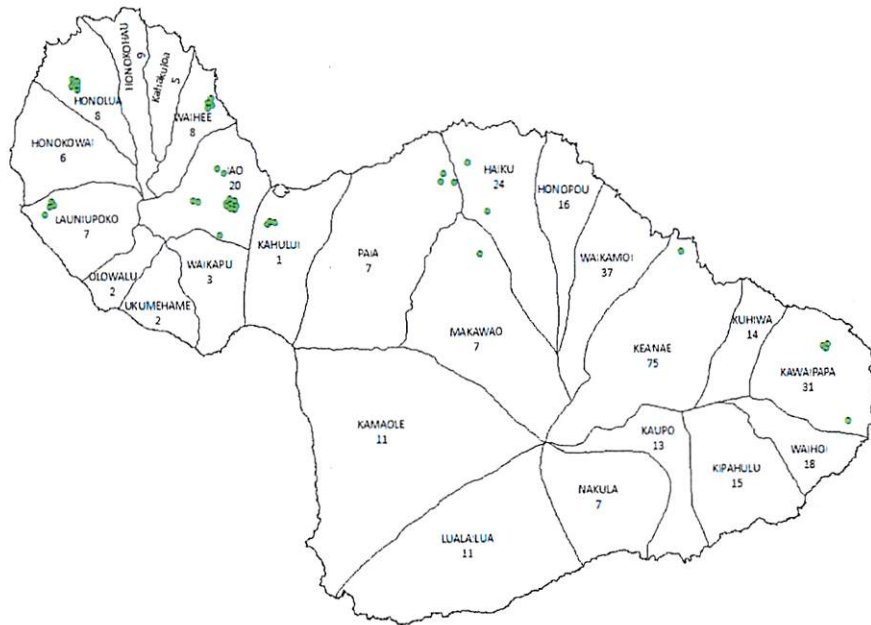
County of Maui
Dept. of Water Supply
Monthly Source Reports
(Gals X 1000)

WELL NAME	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Current Year	Last 12 Months
<i>Central</i>														
Mokuhau 501	13,448	17,173	5,734	3,197	1,524	925	7,353	18,671	11,108	14,228	15,793	10,743	89,276	119,897
Mokuhau 503	88,116	80,161	62,668	39,891	46,146	53,661	75,762	77,789	90,485	74,183	57,698	76,575	654,858	823,135
Waihee 577	55,418	51,134	42,529	85,879	82,611	66,581	54,832	52,889	60,631	67,021	74,522	74,715	662,210	768,762
Waihee 578	48,568	46,375	28,534	38,953	49,324	56,938	50,970	59,924	61,793	71,811	73,674	72,529	564,450	659,393
Waihee 579	117,912	128,701	100,869	15,732	40,537	80,491	111,665	120,276	122,846	115,585	74,349	72,357	854,707	1,101,320
Waiehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiehu Hts 515	37,555	43,410	40,785	34,592	37,380	39,746	43,013	44,486	43,113	42,861	42,247	42,221	410,444	491,409
Iao	16,045	17,798	30,787	5,756	40,031	31,431	36,286	51,523	33,150	17,907	39,419	17,417	303,707	337,550
Waikapu	32,862	33,629	29,330	26,567	26,592	28,126	33,252	36,268	37,242	35,545	40,643	40,531	334,096	400,587
Wailuku 1	64,584	41,771	10,650	39,641	32,768	43,225	37,599	42,290	34,441	46,442	22,683	51,467	361,206	467,561
Wailuku 2	0	6,623	22,724	22,664	9,318	0	0	416	24,123	32,859	24,407	8,670	145,181	151,804
DAILY AVERAGE	15,817	15,057	12,084	11,174	11,814	13,371	14,540	16,818	16,740	16,724	15,515	15,072	14,408	14,579
Kepaniwai 511	21,600	22,320	22,313	17,942	19,811	19,224	19,861	19,114	19,865	19,636	19,144	19,636	196,546	240,466
Iao Tunnel	48,640	50,294	50,296	45,352	46,115	30,895	30,946	30,902	32,450	33,289	32,255	33,289	365,789	464,723
DAILY AVERAGE	2,341	2,342	2,342	2,261	2,127	1,671	1,639	1,667	1,688	1,707	1,713	1,707	1,850	1,932
N. Waihee #1	12,044	10,792	27,458	44,246	44,897	46,966	48,942	47,203	49,039	17,730	15,654	17,730	359,865	382,701
N. Waihee #2	5,694	4,044	2,347	47	176	1,718	217	231	423	14,843	13,247	14,843	48,092	57,830
Kanoa #1	24,473	26,885	37,668	43,974	46,479	45,831	51,664	52,637	54,774	32,703	30,184	32,703	428,617	479,975
Kanoa #2	22,031	22,370	12,806	68	289	497	400	252	377	26,454	26,611	26,454	94,208	138,609
Kupaa	42,530	46,704	48,926	46,615	48,780	48,896	50,162	49,148	49,850	49,635	48,123	49,635	489,770	579,004
DAILY AVERAGE	3,559	3,574	4,168	4,820	4,536	4,797	4,883	4,982	4,983	4,560	4,461	4,560	4,673	4,488
Maui Lani #5	5,778	3,840	79	141	75	77	68	86	459	46	408	4,243	5,682	15,300
Maui Lani #6	98	4,098	11,316	9,683	11,103	10,728	10,873	10,592	11,685	22,320	21,321	10,390	130,011	134,207
Maui Lani #7	10,649	12,796	16,582	14,415	16,408	15,929	16,462	15,950	15,701	10,821	10,581	14,566	147,415	170,860
DAILY AVERAGE	551	669	902	866	890	891	884	888	898	1,071	1,077	942	931	878
<i>UpCountry</i>														
Haiku	9,790	9,444	8,672	9,178	8,857	9,907	10,381	12,377	13,681	13,887	13,178	1,039	101,157	120,391
H' Poko #1	0	0	0	0	0	0	0	3,801	6,034	0	0	0	9,835	9,835
H' Poko #2	0	0	0	0	0	0	0	2,478	4,565	0	0	0	7,043	7,043
Kaupakalua	16,770	17,574	16,907	14,649	16,196	16,932	17,409	20,022	18,465	17,506	17,218	16,813	172,117	206,461
Pookela	29,816	7,706	99	119	60	1	0	6,638	23,812	4,893	174	7,357	43,153	80,675
DAILY AVERAGE	1,879	1,120	828	855	810	895	896	1,511	2,147	1,171	1,019	813	1,096	1,163
<i>Lahaina</i>														
Kanaha 575	1,106	536	635	715	784	86	65	5,794	5,697	7,867	5,256	2,863	29,762	31,404
Kanaha 576	3,328	3,895	1,754	2,036	1,216	254	1,940	9,385	8,735	8,467	3,062	3,485	40,334	47,557
Waipuka 559	556	2,416	2,449	2,418	1,365	330	2,604	9,235	7,840	10,303	9,549	9,192	55,285	58,257
Waipuka 560	4,122	3,631	579	719	761	102	63	6,466	10,195	10,126	8,434	6,495	43,940	51,693
Napili A 569	1,312	128	113	111	142	103	254	1,858	1,482	542	265	392	5,262	6,702
Napili B 570	12,572	5,199	11,690	4,724	2,213	7,334	22,482	16,971	15,820	14,367	25,523	24,046	145,170	162,941
Napili C 571	20,621	37,597	25,130	25,575	39,355	35,635	16,521	41,068	43,649	43,711	9,073	5,169	284,886	343,104
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	9,962	4,568	4,179	8,999	2,438	4,254	14,316	21,685	31,230	29,716	28,960	28,904	174,681	189,211
DAILY AVERAGE	1,786	1,870	1,501	1,618	1,557	1,603	1,879	3,749	4,021	4,035	3,004	2,598	2,564	2,441
<i>Hana</i>														
Hamoia 597	2,092	2,270	3,717	2,115	2,813	4,527	2,486	1,186	4,419	2,380	6,323	2,184	32,150	36,512
Hamoia #2	5,274	5,414	4,041	4,699	4,641	2,591	6,237	229	4,428	5,895	774	4,948	38,453	49,141
Keanae #1	386	1,009	499	570	2	409	539	1,222	124	741	519	650	5,275	6,670
Keanae #2	730	139	592	538	1,333	1,029	1,280	626	1,011	438	575	544	7,966	8,835
Wakiu 550 B	832	1,017	1,573	1,458	1,655	1,163	2,064	1,131	1,308	1,106	1,921	2,196	15,575	17,424
Wakiu C	1,842	1,990	1,440	1,602	1,409	2,641	1,674	2,900	2,540	2,347	1,228	1,059	18,840	22,672
DAILY AVERAGE	372	382	383	392	382	412	461	243	446	416	378	373	389	387
<i>Molokai</i>														
Kawela 551	7,402	9,337	8,890	8,018	8,578	7,855	9,371	9,662	1,737	1,560	7,016	9,430	72,117	88,856
Kawela 552	1,479	0	0	0	137	1,324	9	4	5,255	3,034	3	9	9,775	11,254
Ualapue 553	3,791	3,810	1,873	4,013	3,310	3,232	5,125	2,251	3,619	1,819	2,238	4,331	31,811	39,412
Ualapue 554	2,270	2,774	3,662	1,268	1,775	3,032	1,642	5,843	3,831	5,086	3,793	2,117	32,049	37,093
Kualapuu	8,546	9,238	7,803	7,886	8,715	10,587	12,326	13,622	16,669	17,782	13,534	12,395	121,319	139,103
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	783	812	717	757	726	868	918	1,046	1,004	945	886	912	879	865

Monthly COM DWS Groundwater Report September 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 9/31/21	% Sustainable Yield
Wailuku	Waikapu	3					
	Iao	20	Mokuhau 1	5330-09	124,291,000	340,523	1.70%
			Mokuhau 2	5330-10	0	0	0.00%
			Mokuhau 3	5330-11	853,017,000	2,337,033	11.69%
			Waihee 1	5431-02	750,775,000	2,056,918	10.28%
			Waihee 2	5431-03	643,132,000	1,762,005	8.81%
			Waihee 3	5431-04	1,151,792,000	3,155,595	15.78%
			Waiehu Heights 1	5430-01	0	0	0.00%
			Waiehu Heights 2	5430-02	491,601,000	1,346,852	6.73%
	0		Kepaniwai	5332-05	243,150,000	666,164	3.33%
			Iao Tank Site Well	5230-02	337,042,000	923,403	4.62%
			Waikapu Well	5131-01	392,668,000	1,075,803	5.38%
			Wailuku 1	5230-04	464,209,000	1,271,805	6.36%
			Wailuku 2	5230-05	143,134,000	392,148	1.96%
	Iao Subtotal					15,328,249	76.64%
	Waihee	8	North Waihee # 1	5631-02	375,009,000	1,027,422	12.84%
			North Waihee # 2	5631-03	48,335,000	132,425	1.66%
			Kanoa 1	5731-02	469,405,000	1,286,041	16.08%
			Kanoa 2	5731-04	129,883,000	355,844	4.45%
			Kupaa	5731-03	575,192,000	1,575,868	19.70%
	Waihee Subtotal					4,377,600	54.72%
	Kahakuloa	5					
Central	Kahului	1	Maui Lani #5	5229-04	16,927,000	46,375	4.64%
			Maui Lani #6	5229-05	125,196,000	343,003	34.30%
			Maui Lani #7	5229-06	169,749,000	465,066	46.51%
	Kahului Subtotal					854,444	85.44%
	Kamaole	11					
	Paia	7					
			Hamakuapoko 1	5420-02	9,878,000	27,063	0.39%
			Hamakuapoko 2	5320-01	7,084,000	19,408	0.28%
	Paia Subtotal					46,471	0.66%
	Makawao	7					
			Pookela	5118-02	112,302,000	307,677	4.40%
	Makawao Subtotal					307,677	4.40%
Koolau	Haiku	24	Kaupakalua	5317-01	212,375,000	581,849	2.42%
			Haiku	5419-01	131,092,000	359,156	1.50%
	Haiku Subtotal					941,005	3.92%
	Honopou	16					
	Waikamoi	37					
	Kearae	75	Kearae 1	5108-01	6,531,000	17,893	0.02%
			Kearae 2	5108-02	9,066,000	24,838	0.03%
	Kearae Subtotal					42,732	0.06%
Hana	Kuhiwa	14					
	Kawaipapa	31	Hamoia 1	4300-02	39,817,000	109,088	0.35%
			Hamoia 2	4300-03	46,218,000	126,625	0.41%
			Wakiu B	4600-03	16,368,000	44,844	0.14%
			Wakiu C	4600-04	23,358,000	63,995	0.21%
	Kawaipapa					344,551	1.11%
	Waihoi	18					
	Kipahulu	15					
Kahikinui	Kaupo	13					
	Nakula	7					
	Lualailua	11					
Lahaina	Honokohau	9					
	Honolua	8	Napili A	5838-01	6,459,000	17,696	0.22%
			Napili B	5838-02	159,620,000	437,315	5.47%
			Napili C	5838-04	371,433,000	1,017,625	12.72%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	176,865,000	484,562	6.06%
	Honolua Subtotal					1,957,197	24.46%
	Honokowai	6					
	Launiupoko	7	Kanaha 1	5339-03	38,150,000	104,521	1.49%
			Kanaha 2	5339-04	50,606,000	138,647	1.98%
			Waipuka 1	5339-01	52,188,000	142,981	2.04%
			Waipuka 2	5339-02	56,409,000	154,545	2.21%
	Launiupoko Subtotal					540,693	7.72%
	Olowalu	2					
	Ukumehame	2					

Monthly COM DWS Groundwater Report September 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 9/31/21	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	136,832,000	374,882	7.50%	7.50%
				Waikalae Tunnel	1059-01	0	0	0.00%	0.00%
	Kualapuu Subtotal						374,882	7.50%	7.50%
Southeast	Kamiloloa	3	3						
	Kawela	5	5						
				Kawela	0457-01	98,994,000	271,216	5.42%	5.42%
	Kawela Subtotal						271,216	5.42%	5.42%
	Ualapue	8	8						
				Ualapue	0449-01	77,500,000	212,329	2.65%	2.65%
	Ualapue Subtotal						212,329	2.65%	2.65%
Northeast	Waialua	6	8						
	Kalaupapa	2	0						
	Kahanui	3	0						
	Waikolu	5	4.5						
	Haupu	2	0						
	Pelekunu	9	0						
	Wailau	15	0						
	Halawa	8	0						

