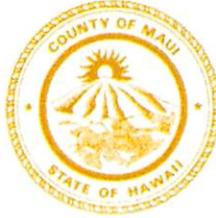


MICHAEL P. VICTORINO
Mayor

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

June 2, 2021

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

APPROVED FOR TRANSMITTAL

Michael P. Victorino 6/4/21

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 May 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,

Handwritten signature of Jeffrey T. Pearson in black ink.

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

Attachments

COUNTY COMMUNICATION NO. 21-274

"By Water All Things Find Life"

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

WELL NAME	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Current Year	Last 12 Months
<i>Central</i>														
Mokuhau 501	5,709	13,181	22,738	17,943	15,137	13,448	17,173	5,734	3,197	1,524	925	7,353	18,733	124,062
Mokuhau 503	78,821	82,081	98,217	117,499	106,457	88,116	80,161	62,668	39,891	46,146	53,661	75,762	278,128	929,480
Waihee 577	48,124	59,752	63,935	64,509	56,728	55,418	51,134	42,529	85,879	82,611	66,581	54,832	332,432	732,032
Waihee 578	50,995	64,001	62,089	61,393	56,268	48,568	46,375	28,534	38,953	49,324	56,938	50,970	224,719	614,408
Waihee 579	119,107	110,179	126,651	122,877	122,829	117,912	128,701	100,869	15,732	40,537	80,491	111,665	349,294	1,197,550
Waiehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiehu Hts 515	38,934	41,138	43,731	42,449	42,413	37,555	43,410	40,785	34,592	37,380	39,746	43,013	195,516	485,146
lao	8,289	5,452	6,544	1,919	16,909	16,045	17,798	30,787	5,756	40,031	31,431	36,286	144,291	217,247
Waikapu	33,863	34,379	35,612	34,200	32,612	32,862	33,629	29,330	26,567	26,592	28,126	33,252	143,867	381,024
Wailuku 1	52,723	64,235	63,076	62,109	48,115	64,584	41,771	10,650	39,641	32,768	43,225	37,599	163,883	560,496
Wailuku 2	0	0	0	0	0	0	6,623	22,724	22,664	9,318	0	0	54,708	61,329
DAILY AVERAGE	14,552	15,303	16,858	17,497	16,047	15,817	15,057	12,084	11,174	11,814	13,371	14,540	12,620	14,528
Kepaniwai 511	21,600	22,256	22,320	21,539	22,320	21,600	22,320	22,313	17,942	19,811	19,224	19,861	99,151	253,106
lao Tunnel	48,647	50,542	47,171	47,960	50,018	48,640	50,294	50,296	45,352	46,115	30,895	30,946	203,604	546,876
DAILY AVERAGE	2,342	2,348	2,242	2,317	2,333	2,341	2,342	2,342	2,261	2,127	1,671	1,639	2,005	2,192
N. Waihee #1	10,337	10,914	11,198	10,473	10,038	12,044	10,792	27,458	44,246	44,897	46,966	48,942	212,509	288,305
N. Waihee #2	6,905	6,922	6,271	5,273	5,348	5,694	4,044	2,347	47	176	1,718	217	4,505	44,962
Kanoa #1	23,576	23,496	23,003	23,220	22,133	24,473	26,885	37,668	43,974	46,479	45,831	51,664	225,616	392,402
Kanoa #2	23,803	18,433	21,021	16,087	17,728	22,031	22,370	12,806	68	289	497	400	14,060	155,533
Kupaa	42,411	45,857	43,629	42,157	45,823	42,530	46,704	48,926	46,615	48,780	48,896	50,162	243,379	552,490
DAILY AVERAGE	3,568	3,407	3,391	3,240	3,260	3,559	3,574	4,168	4,820	4,536	4,797	4,883	4,636	3,928
Maui Lani #5	1,177	56	88	5,198	5,870	5,778	3,840	79	141	75	77	68	440	22,447
Maui Lani #6	11,009	11,467	11,350	11,381	1,379	98	4,098	11,316	9,683	11,103	10,728	10,873	53,703	94,485
Maui Lani #7	16,216	16,591	16,766	12,140	13,455	10,649	12,796	16,582	14,415	16,408	15,929	16,462	79,796	178,409
DAILY AVERAGE	947	907	910	624	668	551	669	902	866	890	891	884	887	809
<i>UpCountry</i>														
Haiku	10,194	11,781	11,442	11,127	11,740	9,790	9,444	8,672	9,178	8,857	9,907	10,381	46,995	122,513
H' Poko #1	0	213	0	0	43	0	0	0	0	0	0	0	0	256
H' Poko #2	0	370	0	0	41	0	0	0	0	0	0	0	0	411
Kaupakalua	18,840	20,887	20,358	19,895	22,727	16,770	17,574	16,907	14,649	16,196	16,932	17,409	82,093	219,144
Pookela	20,916	18,462	935	38,209	38,984	29,816	7,706	99	119	60	1	0	279	155,307
DAILY AVERAGE	1,665	1,668	1,056	2,308	2,372	1,879	1,120	828	855	810	895	896	857	1,363
<i>Lahaina</i>														
Kanaha 575	3,008	4,960	4,480	8,053	9,609	1,106	536	635	715	784	86	65	2,285	34,037
Kanaha 576	361	1,287	1,588	732	6,534	3,328	3,895	1,754	2,036	1,216	254	1,940	7,200	24,925
Waipuka 559	244	280	770	1,756	3,123	556	2,416	2,449	2,418	1,365	330	2,604	9,166	18,311
Waipuka 560	5,924	7,705	8,116	10,342	11,211	4,122	3,631	579	719	761	102	63	2,224	53,275
Napili A 569	494	128	243	1,069	149	1,312	128	113	111	142	103	254	723	4,246
Napili B 570	4,205	7,838	11,043	15,096	20,725	12,572	5,199	11,690	4,724	2,213	7,334	22,482	48,443	125,121
Napili C 571	36,688	40,964	33,175	37,579	33,498	20,621	37,597	25,130	25,575	39,355	35,635	16,521	142,216	382,338
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	439	766	7,008	8,984	16,558	9,962	4,568	4,179	8,999	2,438	4,254	14,316	34,186	82,471
DAILY AVERAGE	1,712	2,062	2,143	2,787	3,271	1,786	1,870	1,501	1,618	1,557	1,603	1,879	1,632	1,986
<i>Hana</i>														
Hamoia 597	3,736	2,513	2,190	2,749	5,489	2,092	2,270	3,717	2,115	2,813	4,527	2,486	15,658	36,697
Hamoia #2	3,756	5,653	6,156	5,353	1,995	5,274	5,414	4,041	4,699	4,641	6,237	6,237	22,209	55,810
Keanae #1	620	808	537	693	511	386	1,009	499	570	2	409	539	2,019	6,583
Keanae #2	392	193	444	382	775	730	139	592	538	1,333	1,029	1,280	4,772	7,827
Wakui 550 B	1,455	581	1,588	2,497	1,140	832	1,017	1,573	1,458	1,655	1,163	2,064	7,913	17,023
Wakui C	1,455	3,041	1,490	130	1,745	1,842	1,990	1,440	1,602	1,409	2,641	1,674	8,766	20,459
DAILY AVERAGE	380	413	400	393	376	372	382	383	392	382	412	461	406	396
<i>Molokai</i>														
Kawela 551	10,005	10,130	9,076	8,833	8,318	7,402	9,337	8,890	8,018	8,578	7,855	9,371	42,712	105,813
Kawela 552	2	5	4	6	5	1,479	0	0	0	137	1,324	9	1,470	2,971
Ualapue 553	7,395	7,622	7,549	1,915	4,577	3,791	3,810	1,873	4,013	3,310	3,232	5,125	17,553	54,212
Ualapue 554	87	25	45	6,342	2,866	2,270	2,774	3,662	1,268	1,775	3,032	1,642	11,379	25,788
Kualapuu	12,154	11,622	11,750	11,378	10,124	8,546	9,238	7,803	7,886	8,715	10,587	12,326	47,317	122,129
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	988	949	917	949	835	783	812	717	757	726	868	918	798	852

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 5/31/21	% Sustainable Yield		
Wailuku	Waikapu	3							
	lao	20	Mokuhau 1	5330-09	124,062,000	339,896	1.70%		
			Mokuhau 2	5330-10	0	0	0.00%		
			Mokuhau 3	5330-11	929,480,000	2,546,521	12.73%		
			Waihee 1	5431-02	732,032,000	2,005,567	10.03%		
			Waihee 2	5431-03	614,408,000	1,683,310	8.42%		
			Waihee 3	5431-04	1,197,550,000	3,280,959	16.40%		
			Waiehu Heights 1	5430-01	0	0	0.00%		
			Waiehu Heights 2	5430-02	485,146,000	1,329,167	6.65%		
			0	Kepaniwai	5332-05	253,106,000	693,441	3.47%	
				lao Tank Site Well	5230-02	217,247,000	595,197	2.98%	
				Waikapu Well	5131-01	381,024,000	1,043,901	5.22%	
				Wailuku 1	5230-04	560,496,000	1,535,605	7.68%	
				Wailuku 2	5230-05	61,329,000	168,025	0.84%	
	lao Subtotal				15,221,589	76.11%			
Waihee	8	North Waihee # 1	5631-02	288,305,000	789,877	9.87%			
		North Waihee # 2	5631-03	44,962,000	123,184	1.54%			
		Kanoa 1	5731-02	392,402,000	1,075,074	13.44%			
		Kanoa 2	5731-04	155,533,000	426,118	5.33%			
		Kupaa	5731-03	552,490,000	1,513,671	18.92%			
		Waihee Subtotal					3,927,923	49.10%	
Kahakuloa	5								
Central	Kahului	1	Maui Lani #5	5229-04	22,447,000	61,499	6.15%		
			Maui Lani #6	5229-05	94,485,000	258,863	25.89%		
			Maui Lani #7	5229-06	178,409,000	488,792	48.88%		
			Kahului Subtotal				809,153	80.92%	
Kamaole	11								
Paia	7	Hamakuapoko 1	5420-02	256,000	701	0.01%			
		Hamakuapoko 2	5320-01	411,000	1,126	0.02%			
		Paia Subtotal				1,827	0.03%		
Makawao	7	Pookela	5118-02	155,307,000	425,499	6.08%			
		Makawao Subtotal				425,499	6.08%		
Koolau	Haiku	24	Kaupakalua	5317-01	219,144,000	600,395	2.50%		
			Haiku	5419-01	122,513,000	335,652	1.40%		
			Haiku Subtotal				936,047	3.90%	
Honopou	16								
Waikamoi	37	75	Keanae 1	5108-01	6,583,000	18,036	0.02%		
			Keanae 2	5108-02	7,827,000	21,444	0.03%		
			Keanae Subtotal				39,479	0.05%	
Hana	Kuhiwa	14							
			Kawalpapa	31	Hamoia 1	4300-02	36,697,000	100,540	0.32%
					Hamoia 2	4300-03	55,810,000	152,904	0.49%

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 5/31/21	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	122,129,000	334,600	6.69%	6.69%	
				Waikalae Tunnel	1059-01	0	0	0.00%	0.00%	
	Kualapuu Subtotal					334,600	6.69%	6.69%		
Southeast	Kamiloloa	3	3							
	Kawela	5	5	Kawela	0457-01	108,784,000	298,038	5.96%	5.96%	
				Kawela Subtotal			298,038	5.96%	5.96%	
	Ualapue	8	8	Ualapue	0449-01	80,000,000	219,178	2.74%	2.74%	
				Ualapue Subtotal			219,178	2.74%	2.74%	
	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							

