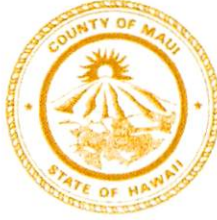


MICHAEL P. VICTORINO
Mayor

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.mauiwater.org

January 5, 2021

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

APPROVED FOR TRANSMITTAL

Michael P. Victorino 1/6/21

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 December 2020.

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. 21-1

"By Water All Things Find Life"

RECEIVED
2021 JAN -5 PM 2:46
OFFICE OF THE MAYOR

RECEIVED
2021 JAN -6 PM 12:19
OFFICE OF THE
COUNTY CLERK

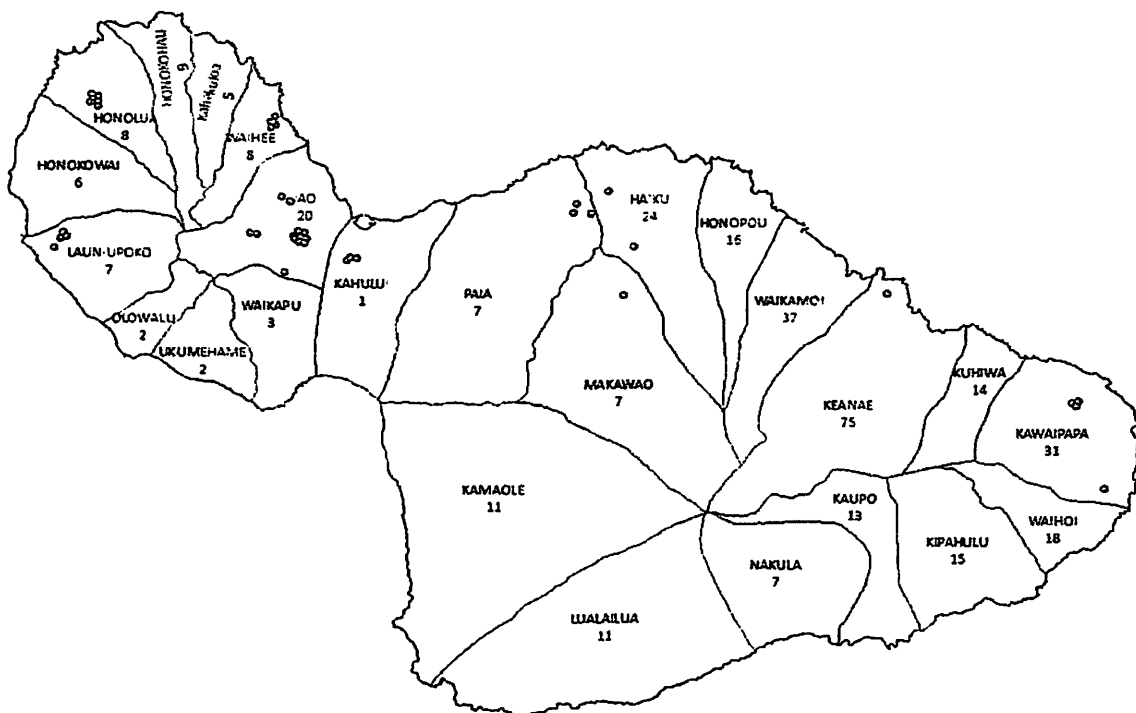
County of Maui
Dept. of Water Supply
Monthly Source Reports
(Gals X 1000)

WELL NAME	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Current Year	Last 12 Months
Central														
Mokuhau 501	3,000	1,900	2,323	3,492	20,518	5,709	13,181	22,738	17,943	15,137	13,448	17,173	136,562	136,562
Mokuhau 503	53,970	53,798	61,459	45,906	84,433	78,821	82,081	98,217	117,499	106,457	88,116	80,161	950,918	950,918
Waihee 577	102,360	71,305	85,870	70,969	74,724	48,124	59,752	63,935	64,509	56,728	55,418	51,134	804,828	804,828
Waihee 578	0	0	0	0	10,303	50,995	64,001	62,089	61,393	56,268	48,568	46,375	399,992	399,992
Waihee 579	88,223	109,853	116,236	101,273	87,797	119,107	110,179	126,651	122,877	122,829	117,912	128,701	1,351,638	1,351,638
Waiehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiehu Hts 515	31,123	29,880	32,266	33,273	36,678	38,934	41,138	43,731	42,449	42,413	37,555	43,410	452,850	452,850
lao	39,469	19,698	23,327	19,844	12,754	8,289	5,452	6,544	1,919	16,909	16,045	17,798	188,048	188,048
Waikapu	24,546	25,496	28,494	29,574	34,626	33,863	34,379	35,612	34,200	32,612	32,862	33,629	379,893	379,893
Wailuku 1	0	0	0	0	477	52,723	64,235	63,076	62,109	48,115	64,584	41,771	397,090	397,090
Wailuku 2	65,794	61,028	61,994	51,842	0	0	0	0	0	0	0	6,623	247,281	247,281
DAILY AVERAGE	13,177	12,861	13,289	11,872	11,687	14,552	15,303	16,858	17,497	16,047	15,817	15,057	14,506	14,506
Kepaniwai 511														
lao Tunnel	22,315	20,880	22,320	21,600	22,320	21,600	22,256	22,320	21,539	22,320	21,600	22,320	263,390	263,390
lao Tunnel	49,310	46,060	49,868	48,415	50,074	48,647	50,542	47,171	47,960	50,018	48,640	50,294	586,999	586,999
DAILY AVERAGE	2,310	2,308	2,329	2,334	2,335	2,342	2,348	2,242	2,317	2,333	2,341	2,342	2,323	2,323
N. Waihee #1														
N. Waihee #1	0	0	0	0	18,992	10,337	10,914	11,198	10,473	10,038	12,044	10,792	94,788	94,788
N. Waihee #2	37,482	32,028	31,512	21,291	15,447	6,905	6,922	6,271	5,273	5,348	5,694	4,044	178,217	178,217
Kanoa #1	30,400	27,810	31,549	30,846	30,694	23,576	23,496	23,003	23,220	22,133	24,473	26,885	318,085	318,085
Kanoa #2	27,227	25,723	27,667	27,478	39,238	23,803	18,433	21,021	16,087	17,728	22,031	22,370	288,806	288,806
Kupaa	46,584	48,442	51,784	49,980	46,040	42,411	45,857	43,629	42,157	45,823	42,530	46,704	551,941	551,941
DAILY AVERAGE	4,571	4,621	4,597	4,320	4,852	3,568	3,407	3,391	3,240	3,260	3,559	3,574	3,912	3,912
Maui Lani #5														
Maui Lani #5	979	27	392	517	52	1,177	56	88	5,198	5,870	5,778	3,840	23,974	23,974
Maui Lani #6	11,298	10,642	11,338	10,877	11,376	11,009	11,467	11,350	1,381	1,379	8	4,098	96,313	96,313
Maui Lani #7	15,721	15,679	16,745	16,041	16,752	16,216	16,591	16,766	12,140	13,455	10,649	12,796	179,551	179,551
DAILY AVERAGE	903	909	919	915	909	947	907	910	624	668	551	669	819	819
UpCountry														
Haiku	8,357	7,673	7,750	8,702	9,624	10,194	11,781	11,442	11,127	11,740	9,790	9,444	117,624	117,624
H' Poko #1	0	0	0	0	0	0	213	0	0	43	0	0	256	256
H' Poko #2	0	0	0	0	0	0	370	0	0	41	0	0	411	411
Kaupakalua	17,642	15,329	15,663	17,386	17,856	18,840	20,887	20,358	19,895	22,727	16,770	17,574	220,927	220,927
Pookela	33	37	297	25	38	20,916	18,462	935	38,209	38,984	29,816	7,706	155,458	155,458
DAILY AVERAGE	840	794	765	870	888	1,665	1,668	1,056	2,308	2,372	1,879	1,120	1,352	1,352
Lahaina														
Kanaha 575	1,897	510	15	357	1,133	3,008	4,960	4,480	8,053	9,609	1,106	536	35,664	35,664
Kanaha 576	1,524	1,208	27	354	361	361	1,287	1,588	732	6,534	3,328	3,895	21,199	21,199
Waipuka 559	3,255	1,385	14	271	63	244	280	770	1,756	3,123	556	2,416	14,133	14,133
Waipuka 560	2,394	4,714	16	478	2,746	5,924	7,705	8,116	10,342	11,211	4,122	3,631	61,399	61,399
Napili A 569	260	65	458	351	320	494	128	243	1,069	149	1,312	128	4,977	4,977
Napili B 570	1,475	3,844	8,320	1,651	2,678	4,205	7,838	11,043	15,096	20,725	12,572	5,199	94,646	94,646
Napili C 571	34,863	35,499	41,792	36,360	37,104	36,688	40,964	33,175	37,579	33,498	20,621	37,597	425,740	425,740
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	564	236	511	871	2,171	439	766	7,008	8,984	16,558	9,962	4,568	52,638	52,638
DAILY AVERAGE	1,491	1,637	1,650	1,356	1,502	1,712	2,062	2,143	2,787	3,271	1,786	1,870	1,941	1,941
Hana														
Hamo 597	1	2	123	1	1,229	3,736	2,513	2,190	2,749	5,489	2,092	2,270	22,395	22,395
Hamo #2	7,129	7,216	7,127	6,990	6,691	3,756	5,653	6,156	5,353	1,995	5,274	5,414	68,754	68,754
Keanae #1	910	1,043	1,089	1,354	1,332	620	808	537	693	511	386	1,009	10,292	10,292
Keanae #2	1	12	26	1	25	392	193	444	382	775	730	139	3,120	3,120
Wakiu 550 B	751	8	104	1,204	2,245	1,455	581	1,588	2,497	1,140	832	1,017	13,422	13,422
Wakiu C	2,685	3,976	3,124	1,722	632	1,455	3,041	1,490	130	1,745	1,842	1,990	23,832	23,832
DAILY AVERAGE	370	423	374	376	392	380	413	400	393	376	372	382	387	387
Molokai														
Kawela 551	8,441	6,528	4,338	1,108	10,117	10,005	10,130	9,076	8,833	8,318	7,402	9,337	93,633	93,633
Kawela 552	5	1,282	1,422	2,771	2	2	5	4	6	5	1,479	0	6,983	6,983
Ualapue 553	3,874	4,605	4,417	5,115	6,599	7,395	7,622	7,549	1,915	4,577	3,791	3,810	61,269	61,269
Ualapue 554	447	17	19	107	81	87	25	45	6,342	2,866	2,270	2,774	15,080	15,080
Kualapuu	8,337	7,784	10,865	11,752	11,289	12,154	11,622	11,750	11,378	10,124	8,546	9,238	124,839	124,839
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	681	697	679	695	906	988	949	917	949	835	783	812	825	825

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 12/31/20	% Sustainable Yield
Wailuku	Waikapu	3					
	Iao	20					
			Mokuhau 1	5330-09	136,562,000	373,120	1.87%
			Mokuhau 2	5330-10	0	0	0.00%
			Mokuhau 3	5330-11	950,918,000	2,598,137	12.99%
			Waihee 1	5431-02	804,828,000	2,198,984	10.99%
			Waihee 2	5431-03	399,992,000	1,092,874	5.46%
			Waihee 3	5431-04	1,351,638,000	3,693,000	18.47%
			Waiehu Heights 1	5430-01	0	0	0.00%
			Waiehu Heights 2	5430-02	452,850,000	1,237,295	6.19%
0			Kepaniwai	5332-05	263,390,000	719,645	3.60%
			Iao Tank Site Well	5230-02	188,048,000	513,792	2.57%
			Waikapu Well	5131-01	379,893,000	1,037,959	5.19%
			Wailuku 1	5230-04	397,090,000	1,084,945	5.42%
			Wailuku 2	5230-05	247,281,000	675,631	3.38%
	Iao Subtotal					15,225,383	76.13%
	Waihee	8					
			North Waihee # 1	5631-02	94,788,000	258,984	3.24%
			North Waihee # 2	5631-03	178,217,000	486,932	6.09%
			Kanoa 1	5731-02	318,085,000	869,085	10.86%
			Kanoa 2	5731-04	288,806,000	789,087	9.86%
			Kupaa	5731-03	551,941,000	1,508,036	18.85%
	Waihee Subtotal					3,912,123	48.90%
	Kahakuloa	5					
Central	Kahului	1					
			Maui Lani #5	5229-04	23,974,000	65,503	6.55%
			Maui Lani #6	5229-05	96,313,000	263,150	26.32%
			Maui Lani #7	5229-06	179,551,000	490,577	49.06%
	Kahului Subtotal					819,230	81.92%
	Kamaole	11					
	Paia	7					
			Hamakuapoko 1	5420-02	256,000	699	0.01%
			Hamakuapoko 2	5320-01	411,000	1,123	0.02%
	Paia Subtotal					1,822	0.03%
	Makawao	7					
			Pookela	5118-02	155,458,000	424,749	6.07%
	Makawao Subtotal					424,749	6.07%
Koolau	Haiku	24					
			Kaupakalua	5317-01	220,927,000	603,626	2.52%
			Haiku	5419-01	117,624,000	321,377	1.34%
	Haiku Subtotal					925,003	3.85%
	Honopou	16					
	Waikamoi	37					
	Kearae	75					
			Kearae 1	5108-01	10,292,000	28,120	0.04%
			Kearae 2	5108-02	3,120,000	8,525	0.01%
	Kearae Subtotal					36,645	0.05%
Hana	Kuhiwa	14					
	Kawaipapa	31					
			Hamoia 1	4300-02	22,395,000	61,189	0.20%
			Hamoia 2	4300-03	68,754,000	187,852	0.61%

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 12/31/20	% Sustainable Yield
			Waiu B	4600-03	13,422,000	36,672	0.12%
			Waiu C	4600-04	23,832,000	65,115	0.21%
	Kaiaipapa Subtotal				6	350,828	1.13%
	Waihoi	18					
	Kipahulu	15					
Kahikinui	Kaupo	13					
	Nakula	7					
	Lualailua	11					
Lahaina	Honokohau	9					
	Honolua	8					
			Napili A	5838-01	4,977,000	13,598	0.17%
			Napili B	5838-02	94,646,000	258,596	3.23%
			Napili C	5838-04	425,740,000	1,163,224	14.54%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	52,638,000	143,820	1.80%
	Honolua Subtotal					1,579,238	19.74%
	Honokowai	6					
	Launiupoko	7					
			Kanaha 1	5339-03	35,664,000	97,443	1.39%
			Kanaha 2	5339-04	21,199,000	57,921	0.83%
			Waipuka 1	5339-01	14,133,000	38,615	0.55%
			Waipuka 2	5339-02	61,399,000	167,757	2.40%
	Launiupoko Subtotal					361,735	5.17%
	Olowalu	2					
	Ukumehame	2					



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 12/31/20	Sustainable Yield - % DWS	% DY MWWGR
West	Kaluakoi	2	2						
	Punakou	2	2						
Central	Hoolehua	2	2						
	Manawainui	2	2						
	Kualapuu	5	5						
				Kualapuu	0801-03	124,839,000	341,090	6.82%	6.82%
				Waikalae Tunnel	1059-01	0	0	0.00%	0.00%
	Kualapuu Subtotal						341,090	6.82%	6.82%
Southeast	Kamiloloa	3	3						
	Kawela	5	5						
				Kawela	0457-01	100,616,000	274,907	5.50%	5.50%
	Kawela Subtotal						274,907	5.50%	5.50%
	Ualapue	8	8						
	Ualapue Subtotal			Ualapue	0449-01	76,349,000	208,604	2.61%	2.61%
	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						

