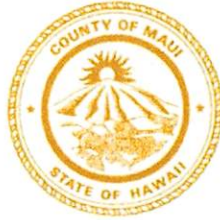


MICHAEL P. VICTORINO
Mayor

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

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September 4, 2020

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

APPROVED FOR TRANSMITTAL

Michael P. Victorino 9/8/20
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 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

"By Water All Things Find Life"

COUNTY COMMUNICATION NO. 20-469

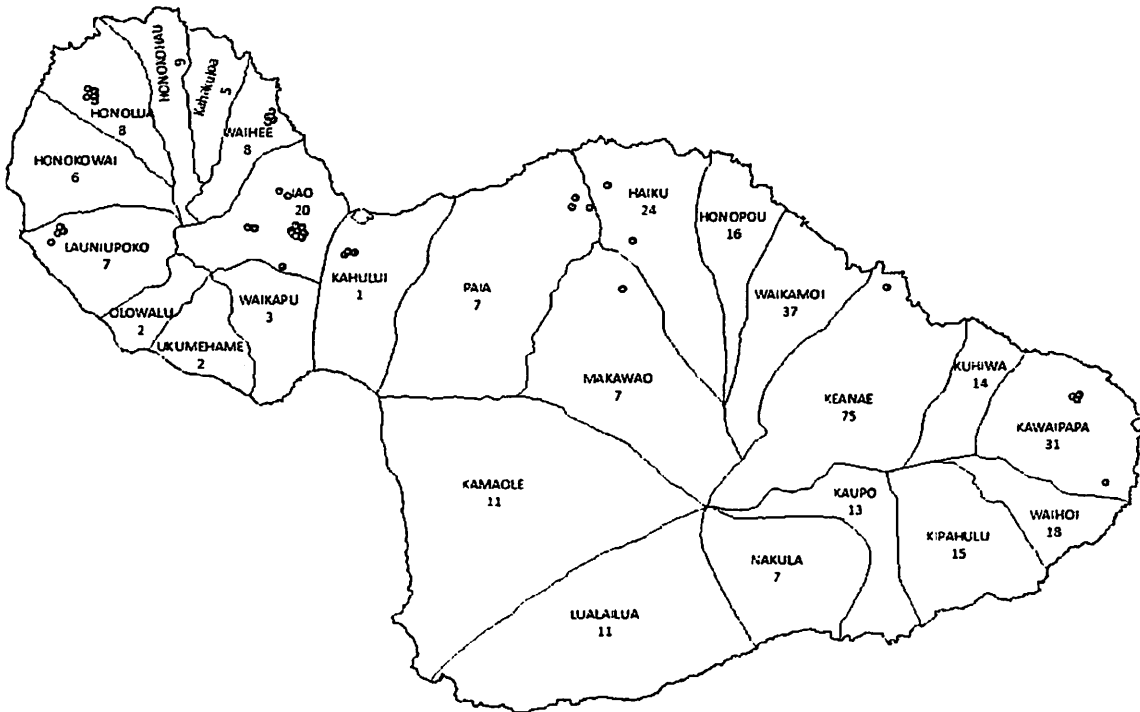
County of Maui
Dept. of Water Supply
Monthly Source Reports
(Gals X 1000)

WELL NAME	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Current Year	Last 12 Months
Central														
Mokuhau 501	9,895	15,195	4,790	9,335	3,000	1,900	2,323	3,492	20,518	5,709	13,181	22,738	72,861	112,076
Mokuhau 503	67,880	62,437	53,546	57,053	53,970	53,798	61,459	45,906	84,433	78,821	82,081	98,217	558,685	799,601
Waihee 577	74,780	75,771	81,752	95,203	102,360	71,305	85,870	70,969	74,724	48,124	59,752	63,935	577,039	904,545
Waihee 578	71,701	71,785	55,787	0	0	0	0	0	10,303	50,995	64,001	62,089	187,388	386,661
Waihee 579	109,609	122,163	109,398	107,541	88,223	109,853	116,236	101,273	87,797	119,107	110,179	126,651	859,319	1,308,030
Waiehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiehu Hts 515	39,660	41,071	37,060	33,858	31,123	29,880	32,266	33,273	36,678	38,934	41,138	43,731	287,023	438,672
Iao	54,068	15,908	18,386	21,809	39,469	19,698	23,327	19,844	12,754	8,289	5,452	6,544	135,377	245,548
Waikapu	0	68	23,060	28,503	24,546	25,496	28,494	29,574	34,626	33,863	34,379	35,612	246,590	298,221
Wailuku 1	36,000	66,036	50,102	14,930	0	0	0	0	477	52,723	64,235	63,076	180,511	347,579
Wailuku 2	65,609	65,656	65,701	65,747	65,794	61,028	61,994	51,842	0	0	0	0	240,658	503,371
DAILY AVERAGE	17,640	17,293	16,653	13,999	13,177	12,861	13,289	11,872	11,687	14,552	15,303	16,858	13,711	14,602
Iao Tunnel														
Kepaniwai 511	21,308	21,685	21,600	22,316	22,315	20,880	22,320	21,600	22,320	21,600	22,256	22,320	175,611	262,520
Iao Tunnel	48,538	50,327	48,440	49,904	49,310	46,060	49,868	48,415	50,074	48,647	50,542	47,171	390,087	587,296
DAILY AVERAGE	2,328	2,323	2,335	2,330	2,310	2,308	2,329	2,334	2,335	2,342	2,348	2,242	46,300	2,322
Kanoa #1														
N. Waihee #1	0	0	0	0	0	0	0	0	18,992	10,337	10,914	11,198	51,441	51,441
N. Waihee #2	20,848	15,406	19,584	35,180	37,482	32,028	31,512	21,291	15,447	6,905	6,922	6,271	157,858	248,876
Kanoa #1	33,380	31,646	30,389	32,086	30,400	27,810	31,549	30,846	30,694	23,576	23,496	23,003	221,374	348,855
Kanoa #2	25,892	27,914	31,250	29,896	27,227	25,723	27,667	27,478	39,238	23,803	18,433	21,021	210,590	325,542
Kupaa	45,711	51,467	48,585	48,524	46,584	48,442	51,784	49,980	46,040	42,411	45,857	43,629	374,727	569,014
DAILY AVERAGE	4,194	4,078	4,327	4,699	4,571	4,621	4,597	4,320	4,852	3,568	3,407	3,391	82,677	4,218
Maui Lani #5														
Maui Lani #5	2,959	1,349	663	40	979	27	392	517	52	1,177	56	88	3,288	8,299
Maui Lani #6	11,574	11,295	10,980	11,357	11,298	10,642	11,338	10,877	11,376	11,009	11,467	11,350	89,357	134,563
Maui Lani #7	16,266	16,736	16,213	16,758	15,721	15,679	16,745	16,041	16,752	16,216	16,591	16,766	130,511	196,484
DAILY AVERAGE	1,027	948	929	908	903	909	919	915	909	947	907	910	915	927
UpCountry														
Haiku	9,210	9,294	8,861	8,479	8,357	7,673	7,750	8,702	9,624	10,194	11,781	11,442	75,523	111,367
H' Poko #1	0	0	134	234	0	0	0	0	0	0	213	0	213	581
H' Poko #2	0	0	0	214	0	0	0	0	0	0	370	0	370	584
Kaupakalua	17,321	16,906	16,986	16,951	17,642	15,329	15,663	17,386	17,856	18,840	20,887	20,358	143,961	212,125
Pookela	79	460	18,991	32,102	33	37	297	25	38	20,916	18,462	935	40,743	92,375
DAILY AVERAGE	887	860	1,499	1,870	840	794	765	870	888	1,665	1,668	1,056	1,069	1,139
Lahaina														
Kanaha 575	4,456	86	4,191	5,599	1,897	510	15	357	1,133	3,008	4,960	4,480	16,360	30,692
Kanaha 576	5,937	8,224	6,449	4,816	1,524	1,208	27	354	361	361	1,287	1,588	6,710	32,136
Waipuka 559	9,034	9,002	9,173	8,425	3,255	1,385	14	271	63	280	770	770	6,282	41,916
Waipuka 560	7,670	8,064	9,108	8,935	2,394	4,714	16	478	2,746	5,924	7,705	8,116	32,093	65,870
Napili A 569	166	1,510	1,536	542	260	65	458	351	320	494	128	243	2,319	6,073
Napili B 570	21,907	15,438	5,092	2,096	1,475	3,844	8,320	1,651	2,678	4,205	7,838	11,043	41,054	85,587
Napili C 571	4,593	18,269	31,897	41,545	34,863	35,499	41,792	36,360	37,104	36,688	40,964	33,175	296,445	392,749
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	28,313	27,345	18,120	4,798	564	236	511	871	2,171	439	766	7,008	12,566	91,142
DAILY AVERAGE	2,736	2,837	2,852	2,476	1,491	1,637	1,650	1,356	1,502	1,712	2,062	2,143	1,696	2,039
Hana														
Hamo 597	1	2	1	1	1	2	123	1	1,229	3,736	2,513	2,190	9,795	9,800
Hamo #2	4,933	5,765	7,214	7,238	7,129	7,216	7,127	6,990	6,691	3,756	5,653	6,156	50,718	75,868
Kearnae #1	62	12	0	383	910	1,043	1,089	1,354	1,332	620	808	537	7,693	8,150
Kearnae #2	793	812	873	452	1	12	26	1	25	392	193	444	1,094	4,024
Wakiu 550 B	2,825	3,458	1,412	1	751	8	104	1,204	2,245	1,455	581	1,588	7,936	15,632
Wakiu C	2,597	1,543	1,150	3,020	2,685	3,976	3,124	1,722	632	1,455	3,041	1,490	18,125	26,435
DAILY AVERAGE	374	374	355	358	370	423	374	376	392	380	413	400	391	382
Molokai														
Kawela 551	2,526	6,619	5,091	7,690	8,441	6,528	4,338	1,108	10,117	10,005	10,130	9,076	59,743	81,669
Kawela 552	589	5	4	5	5	1,282	1,422	2,771	2	2	5	4	5,493	6,096
Ualapue 553	6,729	4,651	4,689	5,630	3,874	4,605	4,417	5,115	6,599	7,395	7,622	7,549	47,176	68,875
Ualapue 554	1,904	2,082	1,830	8	447	17	19	107	81	87	25	45	828	6,652
Kualapuu	18,791	9,156	10,299	9,402	8,337	7,784	10,865	11,752	11,289	12,154	11,622	11,750	85,553	133,201
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	1,018	726	730	733	681	697	679	695	906	988	949	917	815	810

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 8/31/20	% Sustainable Yield
Wailuku	Waikapu	3					
	Iao	20					
			Mokuhaui 1	5330-09	112,076,000	306,219	1.53%
			Mokuhaui 2	5330-10	0	0	0.00%
			Mokuhaui 3	5330-11	799,601,000	2,184,702	10.92%
			Waihee 1	5431-02	904,545,000	2,471,434	12.36%
			Waihee 2	5431-03	386,661,000	1,056,451	5.28%
			Waihee 3	5431-04	1,308,030,000	3,573,852	17.87%
			Waiehu Heights 1	5430-01	0	0	0.00%
			Waiehu Heights 2	5430-02	438,672,000	1,198,557	5.99%
			Kepaniwai	5332-05	262,520,000	717,268	3.59%
			Iao Tank Site Well	5230-02	245,548,000	670,896	3.35%
			Waikapu Well	5131-01	298,221,000	814,811	4.07%
			Wailuku 1	5230-04	347,579,000	949,669	4.75%
			Wailuku 2	5230-05	503,371,000	1,375,331	6.88%
			Iao Subtotal			15,319,191	76.60%
	Waihee	8					
			North Waihee # 1	5631-02	51,441,000	140,549	1.76%
			North Waihee # 2	5631-03	248,876,000	679,989	8.50%
			Kanoa 1	5731-02	348,855,000	953,156	11.91%
			Kanoa 2	5731-04	325,542,000	889,459	11.12%
			Kupaa	5731-03	569,014,000	1,554,683	19.43%
			Waihee Subtotal			4,217,836	52.72%
	Kahakuloa	5					
Central	Kahului	1					
			Maui Lani #5	5229-04	8,299,000	22,675	2.27%
			Maui Lani #6	5229-05	134,563,000	367,658	36.77%
			Maui Lani #7	5229-06	196,484,000	536,842	53.68%
			Kahului Subtotal			927,175	92.72%
	Kamaole	11					
	Paia	7					
			Hamakuapoko 1	5420-02	581,000	1,587	0.02%
			Hamakuapoko 2	5320-01	584,000	1,596	0.02%
			Paia Subtotal			3,183	0.05%
	Makawao	7					
			Pookela	5118-02	92,375,000	252,391	3.61%
			Makawao Subtotal			252,391	3.61%
Koolau	Haiku	24					
			Kaupakalua	5317-01	212,125,000	579,577	2.41%
			Haiku	5419-01	111,367,000	304,281	1.27%
			Haiku Subtotal			883,858	3.68%
	Honopou	16					
	Waikamoi	37					
	Keanae	75					
			Keanae 1	5108-01	8,150,000	22,268	0.03%
			Keanae 2	5108-02	4,024,000	10,995	0.01%
			Keanae Subtotal			33,262	0.04%
Hana	Kuhlwa	14					
	Kawaiapapa	31					
			Hamoia 1	4300-02	9,800,000	26,776	0.09%
			Hamoia 2	4300-03	75,868,000	207,290	0.67%

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 8/31/20	% Sustainable Yield
			Waiuku B	4600-03	15,632,000	42,710	0.14%
			Waiuku C	4600-04	26,435,000	72,227	0.23%
	Kaiaipapa Subtotal				6	349,003	1.13%
	Waihoi	18					
	Kipahulu	15					
Kahikinui	Kaupo	13					
	Nakula	7					
	Lualailua	11					
Lahaina	Honokohau	9					
	Honolua	8					
			Napili A	5838-01	6,073,000	16,593	0.21%
			Napili B	5838-02	85,587,000	233,844	2.92%
			Napili C	5838-04	392,749,000	1,073,085	13.41%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	91,142,000	249,022	3.11%
	Honolua Subtotal					1,572,544	19.66%
	Honokowai	6					
	Launiupoko	7					
			Kanaha 1	5339-03	30,692,000	83,858	1.20%
			Kanaha 2	5339-04	32,136,000	87,803	1.25%
			Waipuka 1	5339-01	41,916,000	114,525	1.64%
			Waipuka 2	5339-02	65,870,000	179,973	2.57%
	Launiupoko Subtotal					466,158	6.66%
	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 8/31/20	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	133,201,000	363,937	7.28%	7.28%
				Waikalae Tunnel	1059-01	0	0	0.00%	0.00%
	Kualapuu Subtotal						363,937	7.28%	7.28%
Southeast	Kamiloa	3	3						
	Kawela	5	5						
				Kawela	0457-01	87,765,000	239,795	4.80%	4.80%
	Kawela Subtotal						239,795	4.80%	4.80%
	Ualapue	8	8						
	Ualapue Subtotal			Ualapue	0449-01	75,527,000	206,358	2.58%	2.58%
	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						
	Waialua	6							

