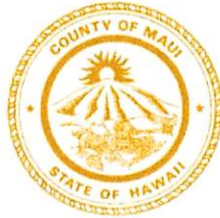


MICHAEL P. VICTORINO
Mayor

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

June 5, 2020

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

APPROVED FOR TRANSMITTAL



Mayor Date 6/5/20

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 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,



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

Attachments

COUNTY COMMUNICATION NO. 20-327

"By Water All Things Find Life"

OFFICE OF THE
COUNTY CLERK

2020 JUN -8 AM 9:43

RECEIVED



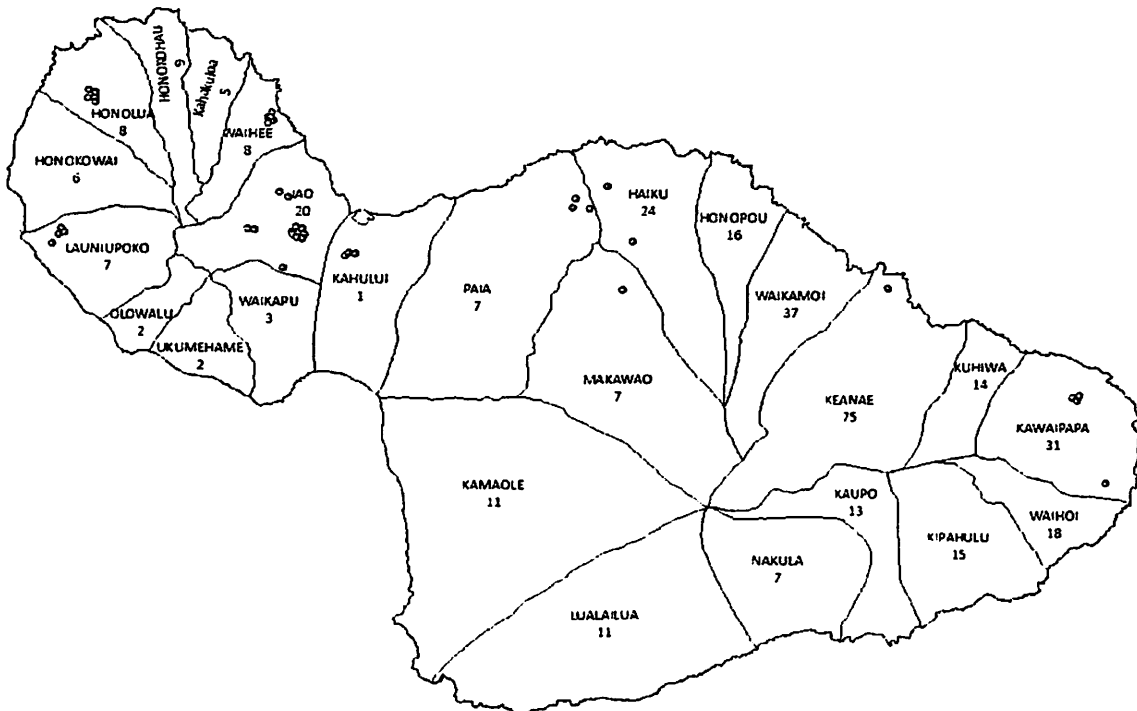
County of Maui
Dept. of Water Supply
Monthly Source Reports
(Gals X 1000)

WELL NAME	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Current Year	Last 12 Months
Central														
Mokuhau 501	8,507	18,294	16,097	9,895	15,195	4,790	9,335	3,000	1,900	2,323	3,492	20,518	31,233	113,346
Mokuhau 503	102,934	113,249	82,568	67,880	62,437	53,546	57,053	53,970	53,798	61,459	45,906	84,433	299,566	839,233
Waihee 577	67,567	75,309	72,408	74,780	75,771	81,752	95,203	102,360	71,305	85,870	70,969	74,724	405,228	948,017
Waihee 578	66,120	74,647	68,580	71,701	71,785	55,787	0	0	0	0	0	10,303	10,303	418,923
Waihee 579	120,350	131,591	122,067	109,609	122,163	109,398	107,541	88,223	109,853	116,236	101,273	87,797	503,382	1,326,100
Walehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walehu Hts 515	39,969	42,148	40,529	39,660	41,071	37,060	33,858	31,123	29,880	32,266	33,273	38,678	163,220	437,514
Iao	48,710	56,661	52,578	54,068	15,908	18,386	21,809	39,469	19,698	23,327	19,844	12,754	115,092	383,212
Waikapu	0	0	0	0	68	23,060	28,503	24,546	25,496	28,494	29,574	34,626	142,736	194,367
Wailuku 1	24,719	10,521	25,622	36,000	66,036	50,102	14,930	0	0	0	0	477	477	228,408
Wailuku 2	65,471	65,518	65,564	65,609	65,656	65,701	65,747	65,794	61,028	61,994	51,842	0	240,658	699,924
DAILY AVERAGE	18,145	18,966	17,613	17,640	17,293	16,653	13,999	13,177	12,861	13,289	11,872	11,687	12,578	15,271
Kepaniwai 511	21,600	22,259	22,315	21,308	21,685	21,600	22,316	22,315	20,880	22,320	21,600	22,320	109,435	262,518
Iao Tunnel	48,108	49,339	49,182	48,538	50,327	48,440	49,904	49,310	46,060	49,868	48,415	50,074	243,727	587,566
DAILY AVERAGE	2,324	2,310	2,306	2,328	2,323	2,335	2,330	2,310	2,308	2,329	2,334	2,335	39,369	2,323
N. Waihee #1	21,633	22,366	11,494	0	0	0	0	0	0	0	0	18,992	18,992	74,485
N. Waihee #2	25,490	27,080	27,203	20,848	15,406	19,584	35,180	37,482	32,028	31,512	21,291	15,447	137,760	308,551
Kanoa #1	15,886	21,818	21,979	33,380	31,646	30,389	32,066	30,400	27,810	31,549	30,846	30,694	151,299	338,463
Kanoa #2	19,350	20,237	21,819	25,892	27,914	31,250	29,896	27,227	25,723	27,667	39,238	147,333	323,690	328,690
Kupaa	41,738	44,486	42,594	45,711	51,467	48,585	48,524	46,584	48,442	51,784	49,980	46,040	242,830	565,935
DAILY AVERAGE	4,137	4,387	4,035	4,194	4,078	4,327	4,699	4,571	4,621	4,597	4,320	4,852	72,312	4,402
Maui Lani #5	5,436	5,932	6,223	2,959	1,349	663	40	979	27	392	517	52	1,967	24,569
Maui Lani #6	11,011	11,240	11,992	11,574	11,295	10,980	11,357	11,298	10,642	11,338	10,877	11,376	55,531	134,980
Maui Lani #7	16,123	16,521	17,067	16,266	16,736	16,213	16,758	15,721	15,679	16,745	16,041	16,752	80,938	196,621
DAILY AVERAGE	1,086	1,087	1,138	1,027	948	929	908	903	909	919	915	909	911	973
UpCountry														
Haku	9,753	11,113	9,554	9,210	9,294	8,861	8,479	8,357	7,673	7,750	8,702	9,624	42,106	108,370
H' Poko #1	0	17	210	0	0	134	234	0	0	0	0	0	0	595
H' Poko #2	0	0	0	0	0	0	214	0	0	0	0	0	0	214
Kaupakalua	19,509	20,460	18,370	17,321	16,906	16,986	16,951	17,642	15,329	15,663	17,386	17,856	83,876	210,379
Pookela	5,120	10,846	1,468	79	460	18,991	32,102	33	37	297	25	38	430	69,496
DAILY AVERAGE	1,146	1,369	955	887	860	1,499	1,870	840	794	765	870	888	832	1,063
Lahaina														
Kanaha 575	8,256	8,739	9,064	4,456	86	4,191	5,599	1,897	510	15	357	1,133	3,912	44,303
Kanaha 576	201	263	1,499	5,937	8,224	6,449	4,816	1,524	1,208	27	354	361	3,474	30,863
Walpuka 559	6,677	6,851	7,083	9,034	9,002	9,173	8,425	3,255	1,385	14	271	63	4,988	61,233
Walpuka 560	2,632	3,730	3,909	7,670	8,064	9,108	8,935	2,394	4,714	16	478	2,746	10,348	54,395
Napili A 569	1,945	2,714	822	166	1,510	1,536	542	260	65	458	351	320	1,454	10,690
Napili B 570	573	19,065	25,645	21,907	15,438	5,092	2,096	1,475	3,844	8,320	1,651	2,678	17,968	107,784
Napili C 571	39,988	31,309	10,834	4,593	18,269	31,897	41,545	34,863	35,499	41,792	36,360	37,104	185,618	364,053
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	14,384	4,668	17,289	28,313	27,345	18,120	4,798	564	236	511	871	2,171	4,353	119,270
DAILY AVERAGE	2,489	2,495	2,456	2,736	2,837	2,852	2,476	1,491	1,637	1,650	1,356	1,502	1,527	2,166
Hana														
Hamoia 597	5,510	3,004	41	1	2	1	1	1	2	123	1	1,229	1,356	9,916
Hamoia #2	47	3,284	4,808	4,933	5,765	7,214	7,238	7,129	7,216	7,127	6,990	6,691	35,153	68,441
Keanae #1	526	128	0	62	12	0	383	910	1,043	1,089	1,354	1,332	5,728	6,840
Keanae #2	394	838	805	793	812	873	452	1	12	26	1	25	65	5,032
Waklu 550 B	2,784	2,892	2,766	2,825	3,458	1,412	1	751	8	104	1,204	2,245	4,312	20,430
Waklu C	0	453	2,543	2,597	1,543	1,150	3,020	2,685	3,976	3,124	1,722	632	12,139	23,445
DAILY AVERAGE	308	342	354	374	374	355	358	370	423	374	376	392	387	366
Molokai														
Kawela 551	27	6,082	12	2,526	6,619	5,091	7,690	8,441	6,528	4,338	1,108	10,117	30,532	58,578
Kawela 552	4,024	1,336	4,540	589	5	4	5	5	1,282	1,422	2,771	2	5,482	15,985
Ualapue 553	2,267	436	7,658	6,729	4,651	4,689	5,630	3,874	4,605	4,417	5,115	6,599	24,610	56,669
Ualapue 554	6,136	7,258	29	1,904	2,082	1,830	8	447	17	19	107	81	671	19,918
Kualapuu	17,609	14,548	17,981	18,791	9,156	10,299	9,402	8,337	7,784	10,865	11,752	11,289	50,027	147,813
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	1,002	957	975	1,018	726	730	733	681	697	679	695	906	732	817

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 5/31/20	% Sustainable Yield
Wailuku	Waikapu	3					
	Iao	20					
			Mokuhan 1	5330-09	113,346,000	309,689	1.55%
			Mokuhan 2	5330-10	0	0	0.00%
			Mokuhan 3	5330-11	839,233,000	2,292,986	11.46%
			Waihee 1	5431-02	948,017,000	2,590,210	12.95%
			Waihee 2	5431-03	418,923,000	1,144,598	5.72%
			Waihee 3	5431-04	1,326,100,000	3,623,224	18.12%
			Waiehu Heights 1	5430-01	0	0	0.00%
			Waiehu Heights 2	5430-02	437,514,000	1,195,393	5.98%
			Kepaniwai	5332-05	262,518,000	717,262	3.59%
			Iao Tank Site Well	5230-02	383,212,000	1,047,027	5.24%
			Waikapu Well	5131-01	194,367,000	531,057	2.66%
			Wailuku 1	5230-04	228,408,000	624,066	3.12%
			Wailuku 2	5230-05	699,924,000	1,912,361	9.56%
			Iao Subtotal			15,987,874	79.94%
			Waihee				
			North Waihee # 1	5631-02	74,485,000	203,511	2.54%
			North Waihee # 2	5631-03	308,551,000	843,036	10.54%
			Kanoa 1	5731-02	338,463,000	924,762	11.56%
			Kanoa 2	5731-04	323,690,000	884,399	11.05%
			Kupaa	5731-03	565,935,000	1,546,270	19.33%
			Waihee Subtotal			4,401,978	55.02%
			Kahakuloa				
Central	Kahului	1					
			Maui Lani #5	5229-04	24,569,000	67,128	6.71%
			Maui Lani #6	5229-05	134,980,000	368,798	36.88%
			Maui Lani #7	5229-06	196,621,000	537,216	53.72%
			Kahului Subtotal			973,142	97.31%
	Kamaole	11					
	Paia	7					
			Hamakuapoko 1	5420-02	595,000	1,626	0.02%
			Hamakuapoko 2	5320-01	214,000	585	0.01%
			Paia Subtotal			2,210	0.03%
	Makawao	7					
			Pookela	5118-02	69,496,000	189,880	2.71%
			Makawao Subtotal			189,880	2.71%
Koolau	Haiku	24					
			Kaupakalua	5317-01	210,379,000	574,806	2.40%
			Haiku	5419-01	108,370,000	296,093	1.23%
			Haiku Subtotal			870,899	3.63%
	Honopou	16					
	Waikamoi	37					
	Keanae	75					
			Keanae 1	5108-01	6,840,000	18,689	0.02%
			Keanae 2	5108-02	5,032,000	13,749	0.02%
			Keanae Subtotal			32,437	0.04%
Hana	Kuhiwa	14					
	Kawaipapa	31					
			Hamoia 1	4300-02	9,916,000	27,093	0.09%
			Hamoia 2	4300-03	68,441,000	186,997	0.60%

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 5/31/20	% Sustainable Yield
			Waiu B	4600-03	20,430,000	55,820	0.18%
			Waiu C	4600-04	23,445,000	64,057	0.21%
	Kaiaipapa Subtotal					333,987	1.08%
	Waihol	18					
	Kipahulu	15					
Kahikinui	Kaupo	13					
	Nakula	7					
	Lualailua	11					
Lahaina	Honokohau	9					
	Honolua	8					
			Napili A	5838-01	10,690,000	29,208	0.37%
			Napili B	5838-02	107,784,000	294,492	3.68%
			Napili C	5838-04	364,053,000	994,680	12.43%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	119,270,000	325,874	4.07%
	Honolua Subtotal					1,844,254	20.55%
	Honokowai	6					
	Launiupoko	7					
			Kanaha 1	5339-03	44,303,000	121,046	1.73%
			Kanaha 2	5339-04	30,863,000	84,325	1.20%
			Waipuka 1	5339-01	61,233,000	167,303	2.39%
			Waipuka 2	5339-02	54,395,000	148,620	2.12%
	Launiupoko Subtotal					521,295	7.45%
	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 5/31/20	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	147,813,000	403,861	8.08%	8.08%
				Waikalae Tunnel	1059-01	0	0	0.00%	0.00%
	Kualapuu Subtotal						403,861	8.08%	8.08%
Southeast	Kamiloloa	3	3						
	Kawela	5	5						
				Kawela	0457-01	74,563,000	203,724	4.07%	4.07%
	Kawela Subtotal						203,724	4.07%	4.07%
	Ualapue	8	8						
	Ualapue Subtotal			Ualapue	0449-01	76,587,000	209,254	2.62%	2.62%
	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	0						

