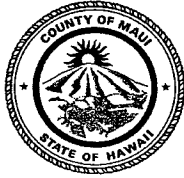


ALAN M. ARAKAWA
Mayor



DAVID TAYLOR, P.E.
Director

RECEIVED

2017 MAR -6 AM 9: 44

GLADYS C. BAISA
Deputy Director

OFFICE OF THE MAYOR

DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793-2155
www.mauewater.org

March 3, 2017

RECEIVED
2017 MAR -8 AM 9: 34
OFFICE OF THE
COUNTY CLERK

Honorable Alan Arakawa
Mayor, County of Maui
200 South High Street
Wailuku, Hawaii 96793

For Transmittal to:

Honorable Mike White, Chair
and Members of the Maui County Council
200 South High Street
Wailuku, Hawaii 96793

APPROVED FOR TRANSMITTAL
[Signature] 3/7/17
Mayor Date

Dear Chair White 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 February 2017.

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. 7816.

Sincerely,

[Signature]
GLADYS C. BAISA for
DAVID TAYLOR
Director of Water Supply

Attachments

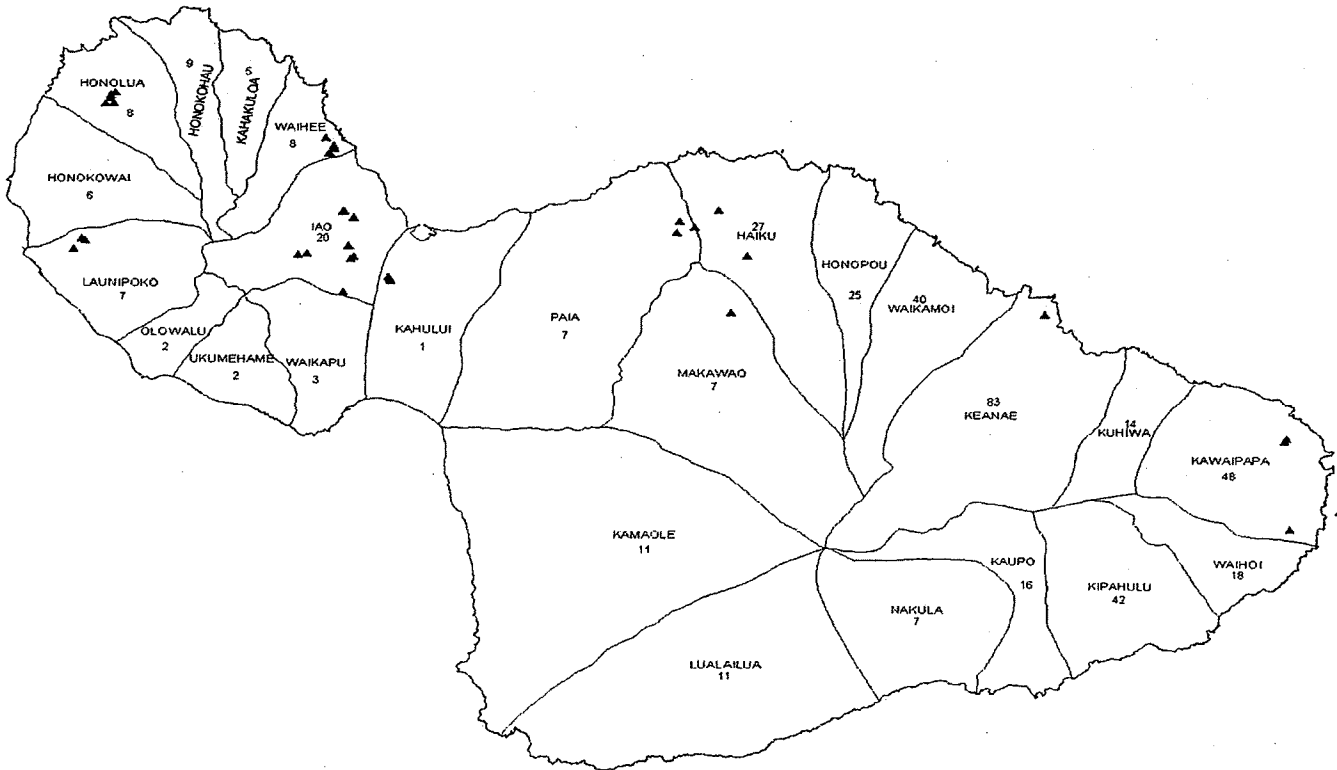
COUNTY COMMUNICATION NO. 17-153

"By Water All Things Find Life"

DWS Groundwater Use - Island of Maui

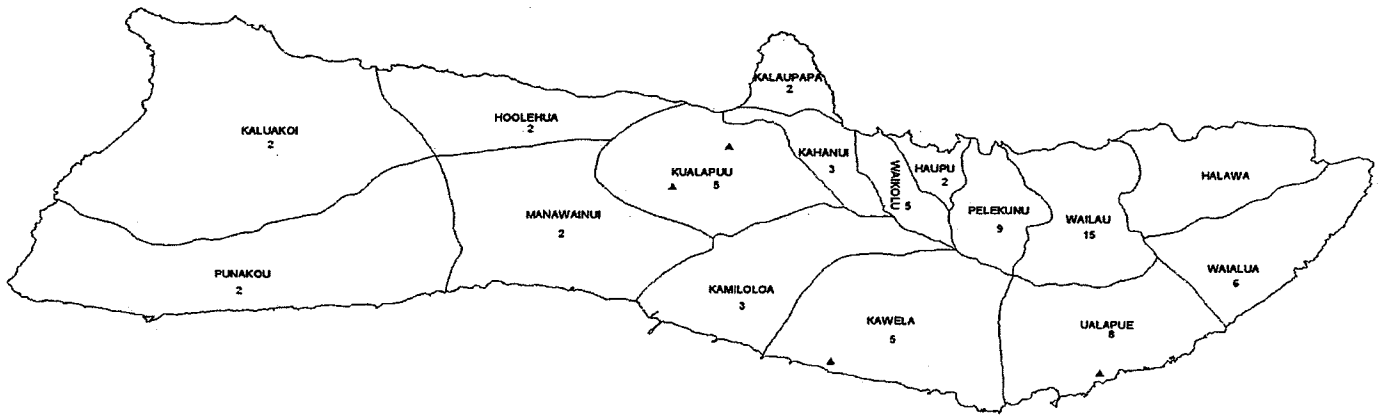
Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 2/28/17	% Sustainable Yield	
Wailuku	Waikapu	3						
	Iao	20						
				Mokuhau 1	5330-09	496,882,000	1,361,321	6.81%
				Mokuhau 2	5330-10	0	0	0.00%
				Mokuhau 3	5330-11	776,685,000	2,127,904	10.64%
				Waihee 1	5431-02	1,035,073,000	2,835,816	14.18%
				Waihee 2	5431-03	610,667,000	1,673,060	8.37%
				Waihee 3	5431-04	180,604,000	494,805	2.47%
				Waiehu Heights 1	5430-01	0	0	0.00%
				Waiehu Heights 2	5430-02	361,598,000	990,679	4.95%
				Wailuku Shaft 33	5330-05	783,617,000	2,146,896	10.73%
				Kepaniwai	5332-05	261,968,000	717,721	3.59%
			Iao Tank Site Well	5230-02	445,978,000	1,221,858	6.11%	
			Waikapu Well	5131-01	389,688,000	1,067,638	5.34%	
			Wailuku 1	5230-04	308,275,000	844,589	4.22%	
			Wailuku 2	5230-05	8,773,000	24,036	0.12%	
	Iao Subtotal					15,506,323	77.53%	
	Waihee	8						
			North Waihee # 1	5631-02	449,482,000	1,231,458	15.39%	
			North Waihee # 2	5631-03	321,495,000	880,808	11.01%	
			Kanoa 1	5731-02	341,304,000	935,079	11.69%	
			Kanoa 2	5731-04	305,829,000	837,888	10.47%	
			Kupaa	5731-03	431,484,000	1,182,148	14.78%	
	Waihee Subtotal					5,067,381	63.34%	
	Kahakuloa	5						
	Honokohau	9						
Central	Kahului	1						
			Maui Lani #5	5229-04	68,730,000	188,301	18.83%	
			Maui Lani #6	5229-05	135,851,000	372,195	37.22%	
			Maui Lani #7	5229-06	194,582,000	533,101	53.31%	
	Kahului Subtotal					1,093,597	109.36%	
	Kamaole	11						
	Paia	7						
			Hamakuapoko 1	5420-02	79,000	216	0.00%	
			Hamakuapoko 2	5320-01	431,000	1,181	0.02%	
	Paia Subtotal					1,397	0.02%	
	Makawao	7						
			Pookela	5118-02	34,783,000	95,296	1.36%	
	Makawao Subtotal					95,296	1.36%	
Koolau	Haiku	27						
			Kaupakalua	5317-01	195,272,000	534,992	1.98%	
			Haiku	5419-01	74,378,000	203,775	0.75%	
	Haiku Subtotal				0	738,767	2.74%	
	Honopou	25						
	Waiakamoi	40						
	Keanae	83						
			Keanae 1	5108-01	7,948,000	21,775	0.03%	
			Keanae2	5108-02	6,670,000	18,274	0.02%	
	Keanae Subtotal					40,049	0.05%	

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 2/28/17	% Sustainable Yield
Hana	Kuhiwa	14					
	Kawaipapa	48					
			Hamoia 1	4300-02	16,781,000	45,975	0.10%
			Hamoia 2	4300-03	68,284,000	187,079	0.39%
			Wakiu B	4600-03	64,801,000	177,537	0.37%
			Wakiu C	4600-04	13,112,000	35,923	0.07%
	Kawaipapa Subtotal					446,515	0.93%
	Waihoi	18					
	Kipahulu	42					
Kahikinui	Kaupo	16					
	Nakula	7					
	Lualailua	11					
Lahaina	Honolua	8					
			Napili A	5838-01	82,262,000	225,375	2.82%
			Napili B	5838-02	95,975,000	262,945	3.29%
			Napili C	5838-04	473,764,000	1,297,984	16.22%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	7,538,000	20,652	0.26%
	Honolua Subtotal					1,806,956	22.59%
	Honokowai	6					
	Launiupoko	7					
			Kanaha 1	5339-03	5,720,000	15,671	0.22%
			Kanaha 2	5339-04	9,437,000	25,855	0.37%
			Waipuka 1	5339-01	10,970,000	30,055	0.43%
			Waipuka 2	5339-02	10,865,000	29,767	0.43%
	Launiupoko Subtotal					101,348	1.45%
	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 1/31/17	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	208,354,000	570,833	11.42%	11.42%
				Waikalae Tunnel	1059-01	0	0	0.00%	0.00%
	Kualapuu Subtotal					570,833	11.42%	11.42%	
Southeast	Kamiloloa	3	3						
	Kawela	5	5	Kawela	0457-01	47,135,000	129,137	2.58%	2.58%
							129,137	2.58%	2.58%
	Kawela Subtotal								
	Ualapue	8	8	Ualapue	0449-01	72,871,000	199,647	2.50%	2.50%
	Ualapue Subtotal						199,647	2.50%	2.50%
	Waiialua	6	8						
Northeast	Kalaupapa	2	0						
	Kahanui	3	0						
	Waikolu	5	4.5						
	Hauapu	2	0						
	Pelekunu	9	0						
	Wailau	15	0						
	Halawa	8	0						



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

WELL NAME	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Current Year	Last 12 Months
<i>Central</i>														
Mokuhau 501	16,655	25,245	66,390	76,619	63,337	65,726	47,127	40,435	25,356	18,783	29,858	21,351	51,210	496,882
Mokuhau 503	53,789	46,255	6,712	517	18,766	38,531	99,511	112,980	106,117	99,351	102,451	91,707	194,158	776,685
Waihee 577	39,987	44,834	77,154	89,771	100,246	104,219	100,047	111,706	107,713	89,566	94,371	75,460	169,831	1,035,073
Waihee 578	42,139	42,946	35,157	36,080	48,219	51,665	55,682	71,078	69,296	32,152	58,482	67,773	126,255	610,667
Waihee 579	98,779	81,752	0	0	74	0	0	0	0	0	0	0	0	180,604
Waiehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiehu Hts 515	29,293	29,471	31,196	29,984	31,931	32,564	31,523	32,099	30,453	27,128	29,438	26,520	55,958	361,598
Wailuku Shaft 33	143,425	140,346	144,601	140,090	143,666	71,489	0	0	0	0	0	0	0	783,617
iao	12,317	20,552	12,720	25,655	31,683	33,058	44,820	57,596	60,431	62,496	59,248	25,402	84,650	445,978
Waikapu	32,511	32,294	32,732	32,582	33,870	35,810	33,000	34,457	35,315	28,511	32,400	26,210	58,610	389,688
Wailuku 1	0	0	0	336	7,632	48,082	8,049	63,869	61,424	38,755	35,904	44,224	80,128	308,275
Wailuku 2	0	0	0	0	0	0	7,931	842	0	0	0	0	0	8,773
DAILY AVERAGE	15,126	15,456	13,118	14,388	15,465	15,521	14,256	16,937	16,537	12,798	14,263	13,523	13,912	14,789
Kepaniwai 511	22,245	21,597	22,272	21,600	22,279	22,233	21,143	22,319	21,526	22,320	22,303	20,133	42,436	261,968
iao Tunnel	48,698	47,556	49,158	47,420	49,779	49,704	20,534	0	0	0	0	24,978	24,978	337,827
DAILY AVERAGE	2,288	2,305	2,304	2,301	2,324	2,321	2,320	720	718	720	719	1,611	1,143	1,643
N. Waihee #1	28,773	30,533	44,634	42,561	32,234	38,266	38,951	45,421	41,822	32,568	37,501	36,219	36,219	449,482
N. Waihee #2	21,984	16,815	0	0	21,428	44,778	44,680	46,767	45,114	34,254	24,646	21,029	21,029	321,495
Kanoa #1	18,738	23,746	47,031	45,129	24,006	30,779	34,613	31,379	26,043	21,391	7,315	31,135	31,135	341,304
Kanoa #2	18,523	22,744	52,015	49,360	30,960	7,043	0	0	0	12,969	59,029	53,187	53,187	305,829
Kupaa	10,907	12,364	27,508	35,758	41,863	45,554	42,024	47,192	46,369	48,692	43,996	29,254	29,254	431,484
DAILY AVERAGE	3,191	3,540	5,522	5,760	4,855	5,368	5,342	5,508	5,312	4,835	5,564	6,101	2,895	5,067
Maul Lani #5	5,665	5,673	5,813	5,666	5,694	5,781	6,176	5,819	5,779	5,891	5,671	5,201	10,872	68,730
Maul Lani #6	11,253	11,176	11,599	11,120	11,274	11,578	11,446	11,582	11,283	11,549	11,599	10,391	21,990	135,851
Maul Lani #7	16,010	16,173	16,717	16,209	16,363	16,617	16,491	16,605	16,185	16,737	16,761	13,716	30,477	194,582
DAILY AVERAGE	1,062	1,097	1,101	1,100	1,075	1,096	1,137	1,097	1,108	1,102	1,098	1,047	1,074	1,094
<i>UpCountry</i>														
Halku	7,495	5,647	5,853	6,153	6,368	6,368	5,528	6,411	5,979	5,876	6,576	6,125	12,701	74,378
H' Poko #1	0	62	0	0	2	0	0	0	0	0	15	0	15	79
H' Poko #2	77	347	0	0	0	0	0	0	0	0	8	0	8	431
Kaupakalua	17,073	16,408	18,256	17,501	17,452	16,808	15,558	15,855	14,831	15,470	16,189	13,871	30,060	195,272
Pookela	149	2,246	40	573	6,260	180	302	63	270	999	601	23,100	23,702	34,783
DAILY AVERAGE	800	824	779	808	970	753	713	720	703	721	754	1,539	1,127	835
<i>Lahaina</i>														
Kanaha 575	130	323	227	529	1,175	480	1,792	225	220	209	305	105	410	5,720
Kanaha 576	568	671	779	1,236	2,187	911	1,867	372	252	195	328	72	400	9,437
Walpuka 559	1,230	1,088	1,118	2,106	3,621	1,627	180	0	0	0	0	0	0	10,970
Walpuka 560	627	746	864	1,372	2,466	1,015	2,219	600	350	217	190	197	388	10,865
Napili A 569	1,814	5,259	13,172	13,946	17,387	10,405	1,989	3,147	4,001	6,028	3,016	2,097	5,113	82,262
Napili B 570	11,021	8,877	737	1,648	1,547	7,723	11,833	13,322	8,692	10,778	10,642	9,154	19,797	95,975
Napili C 571	38,138	39,590	40,505	40,344	42,949	42,022	41,702	41,294	38,714	28,605	40,991	38,910	79,901	473,764
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	5,730	776	38	156	10	10	10	0	17	0	0	789	789	7,538
DAILY AVERAGE	1,912	1,911	1,853	2,045	2,301	2,071	2,053	1,902	1,742	1,485	1,789	1,833	1,810	1,908
<i>Hana</i>														
HamoA 597	3,077	1,431	861	4,008	1,678	793	1,058	1,516	397	2	1,207	754	1,961	16,781
HamoA #2	4,169	5,816	7,153	3,467	6,661	7,981	6,337	5,811	6,666	6,821	4,127	3,476	7,603	68,284
Keanae #1	1,467	1,084	1,328	1,471	1,296	0	0	757	14	0	530	530	530	7,948
Keanae #2	8	1	0	0	265	1,223	1,223	519	943	994	1,032	462	1,493	6,670
Wakui 550 B	6,801	6,753	7,134	7,245	7,454	7,073	7,129	7,763	7,449	0	0	0	0	64,801
Wakui C	0	0	0	0	0	0	0	0	0	0	7,555	5,557	13,112	13,112
DAILY AVERAGE	501	496	531	540	560	551	525	528	516	252	449	385	419	487
<i>Molokai</i>														
Kawela 551	3,879	3,805	78	3,321	4,269	4,249	3,588	3	3	7	6	11	17	23,218
Kawela 552	13	7	3,984	795	4	3	140	3,814	3,877	3,454	3,402	3,252	6,654	22,745
Ualapue 553	6,865	3	4,987	7,461	6,093	5,381	4,625	5,297	5,287	1,115	4,209	5,154	9,363	56,477
Ualapue 554	512	7,230	2,265	0	11	0	3	0	0	2,991	872	33	905	13,918
Kualapuu	17,090	17,273	19,258	19,122	17,861	19,260	17,038	18,008	17,647	14,130	16,222	14,703	30,926	207,611
Waikalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	915	944	986	1,023	911	932	846	875	894	700	797	827	811	888