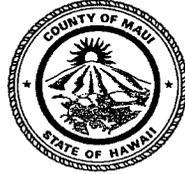


ALAN M. ARAKAWA
Mayor



DAVID TAYLOR, P.E.
Director

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2017 FEB -6 PM 2: 59

GLADYS C. BAISA
Deputy Director

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

OFFICE OF THE MAYOR

February 6, 2017

OFFICE OF THE
COUNTY CLERK

2017 FEB -9 PM 4: 08

RECEIVED

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] 2/9/17

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 January 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]
DAVID TAYLOR
Director of Water Supply

Attachments

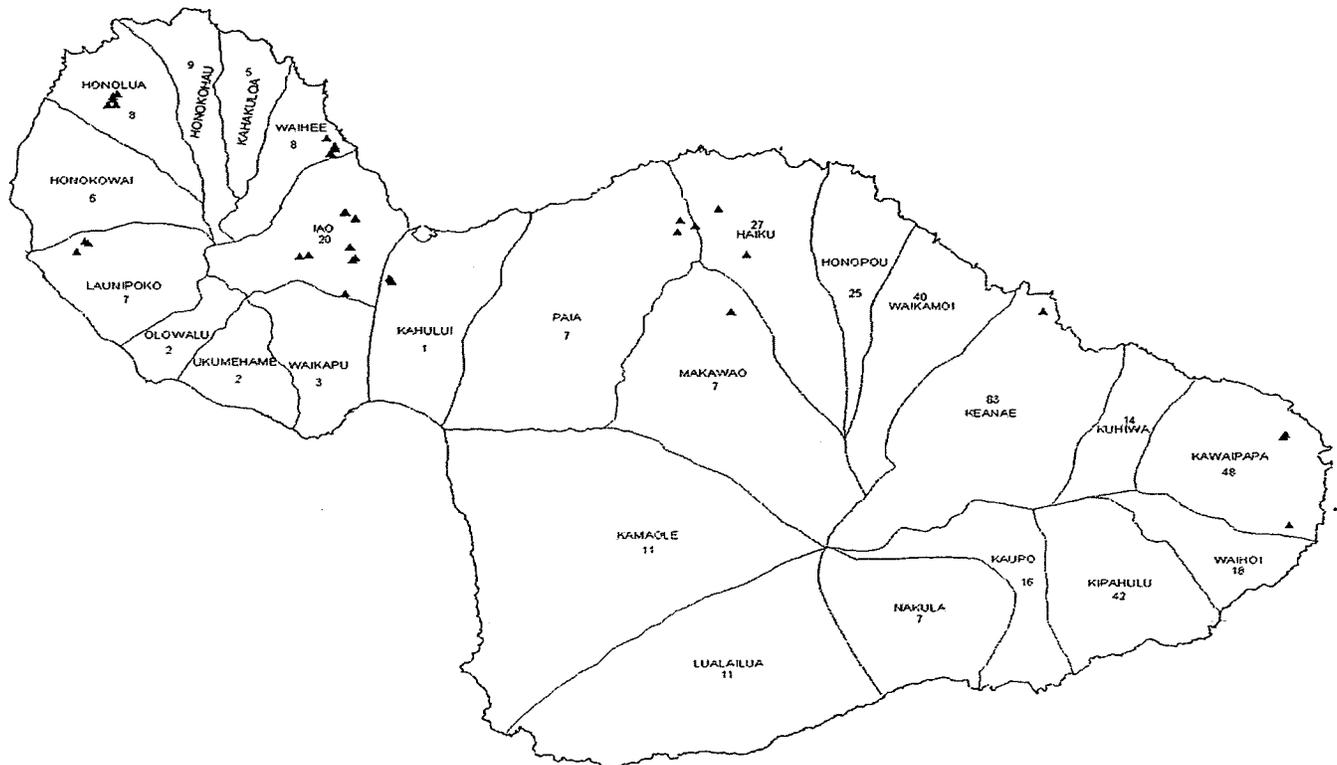
COUNTY COMMUNICATION NO. 1792

"By Water All Things Find Life"

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

WELL NAME	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Current Year	Last 12 Months
<i>Central</i>														
Mokuhau 501	3,818	16,655	25,245	66,390	76,619	63,337	65,726	47,127	40,435	25,356	18,783	29,858	29,858	479,349
Mokuhau 503	67,859	53,789	46,255	6,712	517	18,766	38,531	99,511	112,980	106,117	99,351	102,451	102,451	752,837
Walhee 577	38,886	39,987	44,834	77,154	89,771	100,246	104,219	100,047	111,706	107,713	89,566	94,371	94,371	998,500
Walhee 578	44,777	42,139	42,946	35,157	36,080	48,219	51,665	55,682	71,078	69,296	32,152	58,482	58,482	587,671
Walhee 579	95,786	98,779	81,752	0	0	74	0	0	0	0	0	0	0	276,390
Walehu Hts 514	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walehu Hts 515	28,634	29,293	29,471	31,196	29,984	31,931	32,564	31,523	32,099	30,453	27,128	29,438	29,438	363,711
Walluku Shaft 33	135,593	143,425	140,346	144,601	140,090	143,666	71,489	0	0	0	0	0	0	919,210
Iao	8,459	12,317	20,552	12,720	25,655	31,683	33,058	44,820	57,596	60,431	62,496	59,248	59,248	429,036
Walkapu	32,084	32,511	32,294	32,732	32,582	33,870	35,810	33,000	34,457	35,315	28,511	32,400	32,400	395,562
Walluku 1	0	0	0	0	336	7,632	48,082	8,049	63,869	61,424	38,755	35,904	35,904	264,051
Walluku 2	0	0	0	0	0	0	0	7,931	842	0	0	0	0	8,773
DAILY AVERAGE	15,721	15,126	15,456	13,118	14,388	15,465	15,521	14,256	16,937	16,537	12,798	14,263	14,263	16,000
Kepaniwal 511	20,879	22,245	21,597	22,272	21,600	22,279	22,233	21,143	22,319	21,526	22,320	22,303	22,303	262,714
Iao Tunnel	45,660	48,698	47,556	49,158	47,420	49,779	49,704	20,534	0	0	0	0	0	358,509
DAILY AVERAGE	2,294	2,288	2,305	2,304	2,301	2,324	2,321	1,389	720	718	720	719	719	1,702
<i>N. Walhee</i>														
N. Walhee #1	26,544	28,773	30,533	44,634	42,561	32,234	38,266	38,951	45,421	41,822	32,568	37,501	37,501	439,808
N. Walhee #2	19,969	21,984	16,815	0	0	21,428	44,778	44,680	46,767	45,114	34,254	24,646	24,646	320,435
Kanoa #1	17,150	18,738	23,746	47,031	45,129	24,006	30,779	34,613	31,379	26,043	21,391	7,315	7,315	327,319
Kanoa #2	17,163	18,523	22,744	52,015	49,360	30,960	7,043	0	0	0	12,969	59,029	59,029	269,804
Kupaa	8,368	10,907	12,364	27,508	35,758	41,863	45,554	42,024	47,192	46,369	48,892	43,996	43,996	410,598
DAILY AVERAGE	3,076	3,191	3,540	5,522	5,760	4,865	5,368	5,342	5,508	5,312	4,835	5,564	5,564	4,844
<i>Maul Lani</i>														
Maul Lani #5	5,300	5,665	5,573	5,813	5,666	5,694	5,781	6,176	5,819	5,779	5,891	5,671	5,671	68,830
Maul Lani #6	10,668	11,253	11,176	11,599	11,120	11,274	11,578	11,446	11,582	11,283	11,549	11,599	11,599	136,128
Maul Lani #7	15,657	16,010	16,173	16,717	16,209	16,363	16,617	16,491	16,605	16,185	16,737	16,761	16,761	196,523
DAILY AVERAGE	1,091	1,062	1,097	1,101	1,100	1,075	1,096	1,137	1,097	1,108	1,102	1,098	1,098	1,100
<i>UpCountry</i>														
Haiuku	7,417	7,495	5,647	5,853	6,153	6,368	6,368	5,528	6,411	5,979	5,876	6,576	6,576	75,670
H' Poko #1	0	62	0	0	0	2	0	0	0	0	0	15	15	79
H' Poko #2	73	77	347	0	0	0	0	0	0	0	0	8	8	504
Kaupakaua	16,361	17,073	16,408	18,256	17,501	17,452	16,808	15,558	15,855	14,831	15,470	16,189	16,189	197,782
Pookela	13,165	149	2,246	40	573	6,260	180	302	63	270	999	601	601	24,848
DAILY AVERAGE	1,276	800	824	779	808	970	753	713	720	703	721	754	754	819
<i>Lahaina</i>														
Kanaha 575	15	130	323	227	529	1,175	480	1,792	225	220	209	305	305	5,630
Kanaha 576	61	568	671	779	1,236	2,187	911	1,857	372	252	195	328	328	9,426
Walpuka 559	115	1,230	1,088	1,118	2,106	3,621	1,627	180	0	0	0	0	0	11,085
Walpuka 560	44	627	746	864	1,372	2,466	1,015	2,219	800	350	217	190	190	10,712
Napili A 569	2,580	1,814	5,259	13,172	13,946	17,387	10,405	1,989	3,147	4,001	6,028	3,016	3,016	82,745
Napili B 570	13,011	11,021	8,877	737	1,648	1,547	7,723	11,833	13,322	8,692	10,778	10,642	10,642	99,832
Napili C 571	33,113	38,138	39,590	40,505	40,344	42,949	42,022	41,702	41,294	38,714	28,605	40,991	40,991	467,968
Honokahua A 572	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honokahua B 573	2,517	5,730	776	38	156	10	10	10	0	17	0	0	0	9,265
DAILY AVERAGE	1,774	1,912	1,911	1,853	2,045	2,301	2,071	2,053	1,902	1,742	1,485	1,789	1,789	1,909
<i>Hana</i>														
Hamoia 597	42	3,077	1,431	861	4,008	1,678	793	1,058	1,516	397	2	1,207	1,207	16,068
Hamoia #2	8,120	4,169	5,616	7,153	3,467	6,661	7,981	6,337	5,811	6,666	6,821	4,127	4,127	72,928
Keanae #1	1,437	1,467	1,084	1,328	1,471	1,296	0	0	757	14	0	0	0	8,855
Keanae #2	5	8	1	0	0	265	1,223	1,223	519	943	994	1,032	1,032	6,213
Waku 560 B	6,309	6,801	6,753	7,134	7,245	7,454	7,073	7,129	7,763	7,449	2,475	0	0	73,584
Waku C	0	0	0	0	0	0	0	0	0	0	3,238	7,555	7,555	0
DAILY AVERAGE	549	501	496	531	540	560	551	525	528	516	436	449	449	487
<i>Molokai</i>														
Kawela 551	4,433	3,879	3,805	78	3,321	4,269	4,249	3,588	3	3	7	6	6	27,639
Kawela 552	4	13	7	3,984	795	4	3	140	3,814	3,877	3,454	3,402	3,402	19,496
Ualapue 553	7,491	6,865	3	4,987	7,461	6,093	5,381	4,625	5,297	5,287	1,115	4,209	4,209	58,815
Ualapue 554	171	512	7,230	2,265	0	11	0	3	0	0	2,991	872	872	14,056
Kualapuu	15,446	17,090	17,273	19,258	19,122	17,861	19,260	17,038	18,008	17,647	14,130	16,222	16,222	208,354
Walkalae Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY AVERAGE	950	915	944	966	1,023	911	932	846	875	894	700	797	797	900

Aquifer Sector	Aquifer System	Sustainable Yield (MGD)	Well Name	Well No.	Total Pumpage Last 12 Months	Pumpage MAV as of 1/31/17	% Sustainable Yield
Hana	Kuhiwa	14					
	Kawaipapa	48					
			Hamoia 1	4300-02	16,068,000	44,022	0.09%
			Hamoia 2	4300-03	72,928,000	199,803	0.42%
			Wakiu B	4600-03	73,584,000	201,600	0.42%
			Wakiu C	4600-04	0	0	0.00%
	Kawaipapa Subtotal					445,425	0.93%
	Waihoi	18					
	Kipahulu	42					
Kahikinui	Kaupo	16					
	Nakula	7					
	Lualailua	11					
Lahaina	Honolua	8					
			Napili A	5838-01	82,745,000	226,699	2.83%
			Napili B	5838-02	99,832,000	273,512	3.42%
			Napili C	5838-04	467,968,000	1,282,104	16.03%
			Honokahua A	5838-03	0	0	0.00%
			Honokahua B	5938-01	9,265,000	25,384	0.32%
	Honolua Subtotal					1,807,699	22.60%
	Honokowai	6					
	Launiupoko	7					
			Kanaha 1	5339-03	5,630,000	15,425	0.22%
			Kanaha 2	5339-04	9,426,000	25,825	0.37%
			Waipuka 1	5339-01	11,085,000	30,370	0.43%
			Waipuka 2	5339-02	10,712,000	29,348	0.42%
	Launiupoko Subtotal					100,967	1.44%
	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%
				Kawela Subtotal				129,137	2.58%
	Ualapue	8	8						
Ualapue Subtotal						72,871,000	199,647	2.50%	2.50%
Northeast	Waiialua	6	8						
	Kalaupapa	2	0						
	Kahanui	3	0						
	Waikolu	5	4.5						
	Haupu	2	0						
	Pelekunu	9	0						
	Wailau	15	0						
	Halawa	8	0						

