

## IMPERIAL VALLEY WATER AUTHORITY - ESTIMATED USE OF AGRICULTURAL IRRIGATION

Gallons per kWhr for 1997 -1999 = 1505

Gallons per kWhr for 2000 - Future = 1259

1997	June	July	August	September	Totals
# Accounts	498	498	498	498	498
kWhr/used	694,860	4,978,440	3,831,940	543,800	10,049,040
Gallons/Used	3,137,292,900	22,477,656,600	17,301,209,100	2,455,257,000	<b>45,371,415,600</b>
kWhr used times 1,505 divided by number of accounts, times systems in use, equals gallons used					
example June ---- $((694,860 * 1,505 / 498) * 1,494) = 3,137,292,900$					
1998	June	July	August	September	Totals
# Accounts	573	573	573	573	573
kWhr/used	593,650	2,199,280	3,707,110	1,934,520	8,434,560
Gallons/Used	2,529,083,685	9,369,431,764	15,793,129,655	8,241,494,096	<b>35,933,139,200</b>
1999	June	July	August	September	Totals
# Accounts	622	622	622	622	622
kWhr/used	780,360	4,931,310	3,277,830	1,674,290	10,663,790
Gallons/Used	3,343,949,241	21,131,337,243	14,045,949,485	7,174,561,452	<b>45,695,797,421</b>
2000	June	July	August	September	Totals
# Accounts	650	650	650	650	650
kWhr/used	1,833,360	1,719,010	3,525,930	1,621,400	8,699,700
Gallons/Used	6,388,388,049	5,989,932,659	12,286,189,877	5,649,808,211	<b>30,314,318,796</b>
kWhr used times 1,259 divided by number of accounts, times systems in use, equals gallons used					
example June ---- $((1,833,360 * 1,259 / 650) * 1,799) = 6,388,388,049$					
2001	June	July	August	September	Totals
# Accounts	667	667	667	667	667
kWhr/used	1,286,080	6,218,730	4,879,080	1,465,320	13,849,210
Gallons/Used	4,413,282,820	21,340,052,152	16,742,939,741	5,028,358,719	<b>47,524,633,432</b>
2002	June	July	August	September	Totals
# Accounts	688	688	688	688	688
kWhr/used	1,018,350	7,071,070	4,828,470	1,100,100	14,017,990
Gallons/Used	3,443,787,351	23,912,467,640	16,328,594,205	3,720,243,987	<b>47,405,093,183</b>
2003	June	July	August	September	Totals
# Accounts	715	715	715	715	715
kWhr/used	1,254,410	4,952,070	4,713,600	3,095,300	14,015,380
Gallons/Used	4,123,856,208	16,279,864,328	15,495,897,372	10,175,757,624	<b>46,075,375,532</b>
2004	June	July	August	September	Totals
# Accounts	737	737	737	737	737
kWhr/used	1,632,350	3,864,817	5,876,311	1,771,319	13,144,797
Gallons/Used	5,267,487,137	12,471,512,748	18,962,472,879	5,715,931,049	<b>42,417,403,813</b>
2005	June	July	August	September	Totals
# Accounts	752	752	752	752	752
kWhr/used	4,591,260	9,132,650	7,178,380	1,488,900	22,391,190
Gallons/Used	14,673,905,071	29,188,423,035	22,942,474,763	4,758,601,617	<b>71,563,404,486</b>
2006	June	July	August	September	Totals
# Accounts	801	801	801	801	801
kWhr/used	2,372,240	7,293,170	5,197,300	1,717,750	16,580,460
Gallons/Used	7,233,584,657	22,238,796,502	15,847,936,777	5,237,872,241	<b>50,558,190,177</b>
2007	June	July	August	September	Totals
# Accounts	830	830	830	830	830

Number of Irrigation Systems in use			
1997	1,494		
1988	1,622		
1999	1,771		
	1,441	Mason County	
	330	Tazewell County	
			Number Added
2000	1,799		28
2001	1,818		19
2002	1,839		21
2003	1,867		28
2004	1,889		22
2005	1,909		20
2006	1,940		31
2007	1,971		31
2008	2,014		43
2009	2,054		40
2010	2,077		23
2011	2,100		23
2012	2,160		60
2013	2,293		133
2014	2,169	***Note	60
2015	2,197		28
2016	2,223		26
2017	2,237		14
2,018	2,252		15

