

## 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 ---- $((7,233,584 * 1,259 / 801) * 1,940) = 7,233,584,657$					
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
kWhr/used	5,513,650	5,750,730	6,215,660	1,623,790	19,103,830
Gallons/Used	16,484,411,837	17,193,220,767	18,583,243,274	4,854,719,305	<b>57,115,595,183</b>

Number of Irrigation Systems in use			
1997	1494		
1988	1622		
1999	1771		
	1441	Mason County	
	330	Tazewell County	
			<b>Number Added</b>
2000	1799		28
2001	1818		19
2002	1839		21
2003	1867		28
2004	1889		22
2005	1909		20
2006	1940		31
2007	1971		31
2008	2014		43
2009	2054		40
2010	2077		23
2011	2100		23
2012	2160		60
2013	2293		133
2014	2169	***Note	60
2015	2197		28
2016	2223		26

