

CHYWRMS Irrigated Acres and Irrigation Demand

Data
Source
Four

	Data Source One		Data Source Two		Data Source Three		
	NDVI_July 2006 (adjusted scale) - VV only	Irrigation Demand for NDVI - VV only ^a	ADWR, 2000	Irrigation Demand for ADWR, 2000 ^a	YCWAC, 2003-BIC only	Irrigation Demand for YCWAC- BIC only ^a	Little Chino/Upp er Agua Fria 2006 (PrAMA) ^b
WPA	Sum acres	Acre-Feet	Sum Acres	Acre-Feet	Sum Acres	Acre-Feet	Acre-Feet
Ashfork CCD			1,694	6,776	699	2,796	
Camp Verde	2,959	9,320	2,738	8,625			
Chino Valley			3,110	12,440			1,691
Clarkdale	10	31	189	595			
Cornville	896	2,823	693	2,183			
Cottonwood	361	1,137	418	1,317			
Humboldt CCD	241	759	315	992			
Lake Montezuma	170	537	234	737			
Mingus Mtn CCD	155	487	193	608			
Paulden			283 (BIC), 140 (LIC)	1132(BIC),5 60 (LIC)	192	768	578
Prescott			2	8			375*
Prescott CCD			2322 (BIC), 103 (LIC)	9288(BIC), 412(LIC)	1,190	4,760	176
Prescott Valley							55
Sedona	88	278	61	192			
Dewey-Humboldt							569
Verde CCD	420	1,322	500	1,575			
Verde Village	357	1,124	362	1,140			
TOTAL STUDY Irrigated Acres			7,738				
TOTAL STUDY Irrigation Demand (AF) ^a				29,586			
TOTAL BIG CHINO Irrigated Acres			4,299		2,081		
TOTAL BIG CHINO Irrig. Demand (AF) ^a				17,196		8,324	
TOTAL VERDE VLY Irrigated Acres	5,657		5,703				
TOTAL VERDE VLY Irrigation Demand (AF) ^a		17,818		17,964			
Total PrAMA 2006 Irrigation Demand (AF) ^a			3,355	13,420			3,444

^aIrrigation Demand will be determined by multiplying the acres by the Total Weighted Water Duty as determined by basin in ADWR, 2000 (except for the PrAMA). Big Chino including Walnut Creek = 4.0 AF/Acre, Williamson Valley = 4.0 AF/Acre, and Middle Verde = 3.15 AF/Acre.

^bGroundwater pumping associated with IGR in the Prescott AMA (Little Chino and Upper Agua Fria subbasins) is reported annually to ADWR. Those reported volumes will be applied to those subbasins in the study. IGR allotments are legally available for AG purposes. They are not available for municipal/domestic use until they are extinguished or converted.

^cTWG members were aware of AG associated SW uses. Surface water use is not reported to ADWR. AG at both Del Rio Springs and Granite Dells Ranch were reviewed. Based on imagery and stream gage information, it was determined that irrigation associated with Del Rio springs would not be included on the table. Granite Dells Ranch surface water use would be included based on imagery and confirmation from City of Prescott that they deliver 375 AF/year. COP stated that they have records to that effect from 1999 to present.