

Pima County Local Drought Impact Group
(Drought Monitoring Committee)
Wednesday, July 23, 2008
2:30 to 4:00 p.m.
Joel Valdez Main Library

Attendance:	Kathy Chavez	RWRD	Lilian von Rago	RWRD
	Emmet McGuire	USGS	Wayne Proctor	WRWD
	Bill Petroustson	PCDEQ	Larry Kempton	FICO/FWR
	Dan Hartley	TON	Anthony Cuaron	Town of Marana
	Pat Carlstad	CWGV	Dave Crockett	FWID

1. Introductions
2. Review of May 7, 2008 meeting
3. ADWR
 - Monthly MTC meeting on July 25
 - Reviewed the May and June DMRs
4. 2008 Summer Monsoon Season
 - K. Chavez reviewed information provided by T Evans (NWS) indicating that the 2008 monsoon season has produced more precipitation, but the moisture has been from the Gulf of California in contrast to the typical pattern which is from the Gulf of Mexico. There was discussion that one wet season does not indicate the end of the drought and that time will tell. The weather year ends September 30 and data for the year will provide more information. Also, drought cycles have often, included a wet year that does not necessarily signal the end of the drought.
 - E McGuire reviewed USGS Stream Flow and Run-off data by showing a video of recent rain events. This year's storms have been quick moving resulting in shorter duration and higher flows. He showed monitoring events at the Rillito River, Santa Cruz at Continental and Kam Vo Wash on the TON.
5. Pima County LDIG Information Needs
 - Discussed CAWCD proposals for weather modification to augment water supplies. Also desalination alternatives, including water treatment of brackish groundwater and seawater desalination. One southwest community which has looked into desalination options because of a brackish water supply is El Paso. They have evaluated building a pipeline between Del Rio and El Paso and found that problems with desalination plants include transportation and high energy costs necessary to power them.
 - Arizona Water Bank storage can be used during drought.
 - There is interest in knowing more about storm water capture and retention efforts and storm water harvesting
 - B Petroustson mentioned research USGS is conducting on groundwater recharge. See <http://pubs.usgs.gov/pp/pp1703/index.html>
6. Round Table
7. Next Meeting
 - Wednesday, September 10, 2008, 2:30 p.m., Joel Valdez Library, Lower Level
8. Adjournment