

## Yolanda Sandoval

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**From:** William Peck  
**Sent:** Tuesday, July 19, 2005 9:06 AM  
**To:** kbid@courland.net  
**Subject:** Projection for remainder of season

Hello Kenny,

You probably have a pretty good feel for the remainder of the season, but this is what we came up with.

>From June 20th through July 18th we have recorded 15,017 acre-feet of  
>diversion  
at 38.0.

Lovewell Reservoir storage decreased 15,069 acre-feet during this time frame (would indicate that inflows have essentially equaled evaporation).

The remaining storage available for irrigation in Lovewell Reservoir (as of this morning) is 14,364 acre-feet. This is the remaining conservation storage from Elev. 1579.05 feet to Elev. 1571.7 feet.

The delivery efficiency to date has averaged 47% and as discussed, we would expect a greater efficiency for the remainder of the season. The average efficiency during 2004 was 51.3 percent for the season.

Using a conservative efficiency of 51.3% for the remainder of the season (will probably be closer to 55%) and assuming that inflows will continue to offset evaporation losses, we could expect an additional 7,370 acre-feet to be delivered to the farms.

The average release from Lovewell Reservoir has been approximately 270 cfs since June 20th. If we continue to average 270 cfs for the remainder of the season and inflows offset evaporation in the reservoir, we could release for about 27 more days or through August 15th.

Using the total irrigable acres, it appears that you have delivered nearly 3 inches to date (7,071 acre-feet). With an estimate of 7,370 acre-feet remaining to be delivered we should be able to deliver at least 6 inches to the district lands.

Not sure that I have covered everything that you were looking for. Let us know if there is something else that we might be able to look into.

Bill