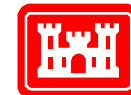


2006 Annual Operating Plan

April 1 Runoff Forecast





























Definitions

Native/Natural Rio Grande water: Water that comes directly from the Rio Grande Basin

San Juan-Chama water: Water that is imported into the Rio Grande Basin from the San Juan Basin through the San Juan-Chama Project

Rio Grande Compact: Agreement between the states of Colorado, New Mexico, and Texas that apportions Rio Grande water between the three states.

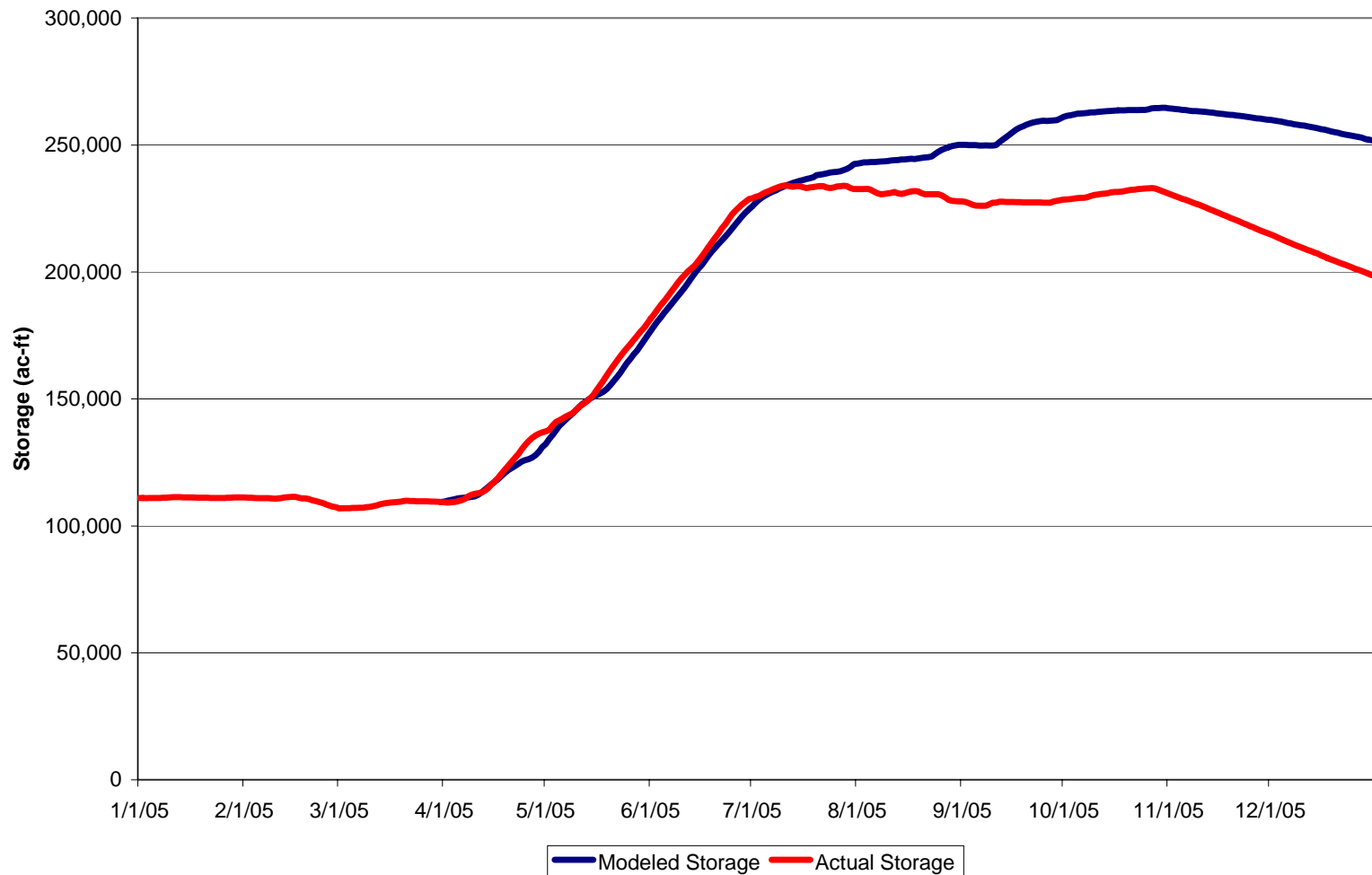
Article 7: Section of the Rio Grande Compact that dictates storage in reservoirs. If Rio Grande Project storage is less than 400,000 ac-ft at Elephant Butte and Caballo, no storage of Rio Grande water can take place at El Vado except to satisfy Native American needs.

<u>Operated By:</u> <u>Dams:</u>	Reclamation 	Corps 	Water Supply	Recreation	Flood Control	Sediment Control
HERON						
EL VADO						
ABIQUIU						
NAMBE FALLS						
GALISTEO						
COCHITI						
JEMEZ CANYON						
ELEPHANT BUTTE						

2005: The Year in Review

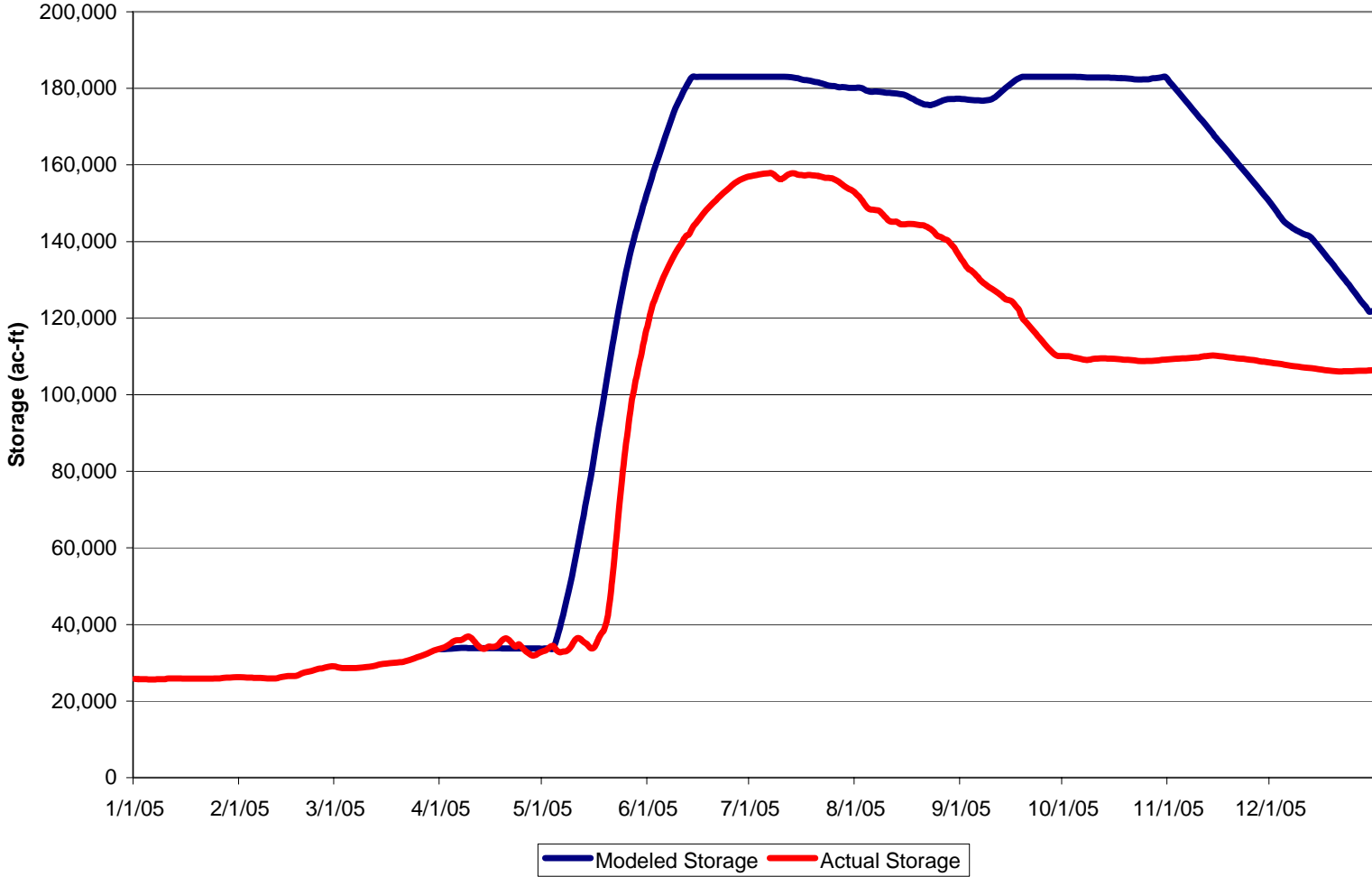
Heron Reservoir

2005 Heron Operations



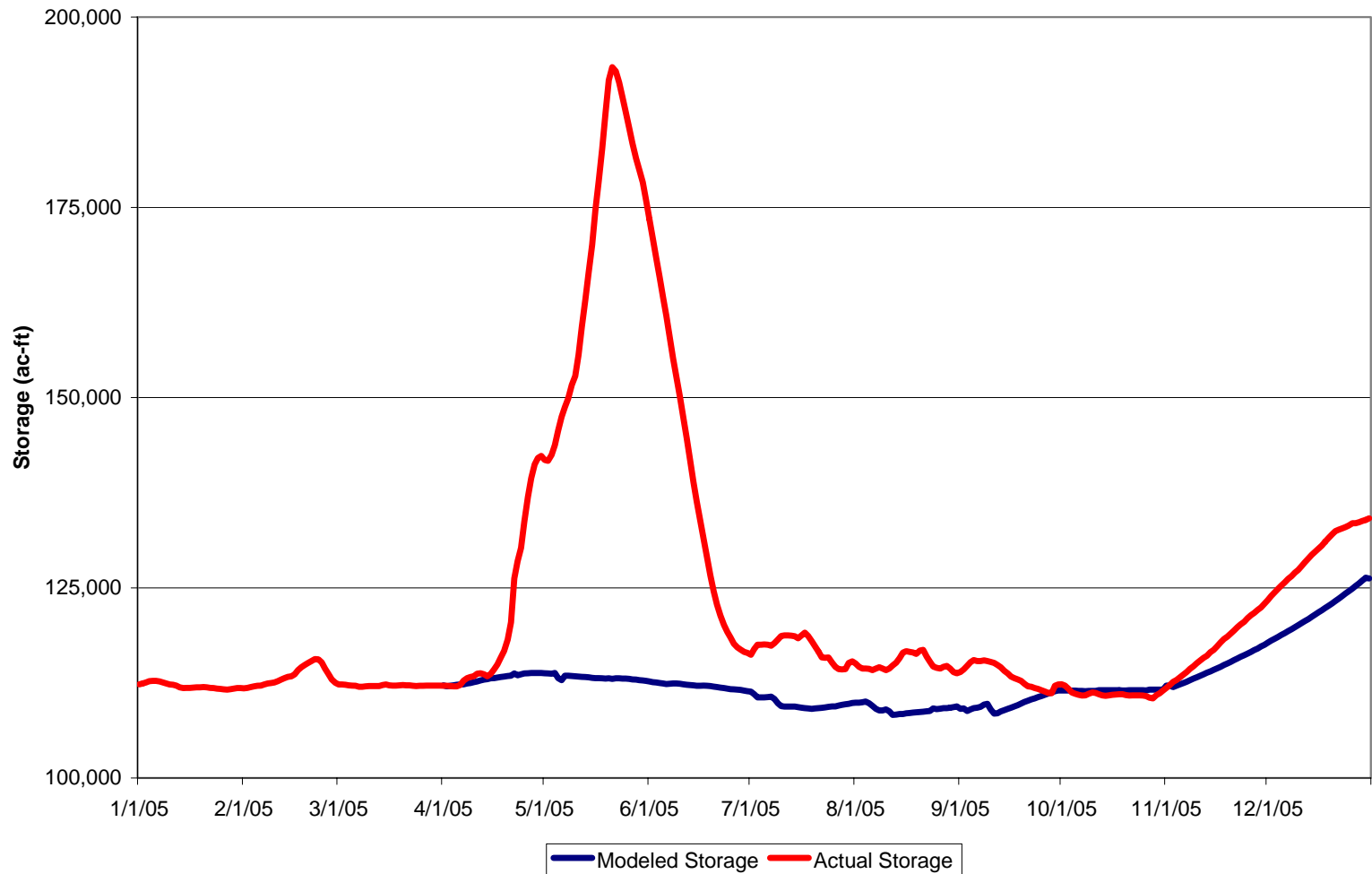
El Vado Reservoir

2005 El Vado Operations



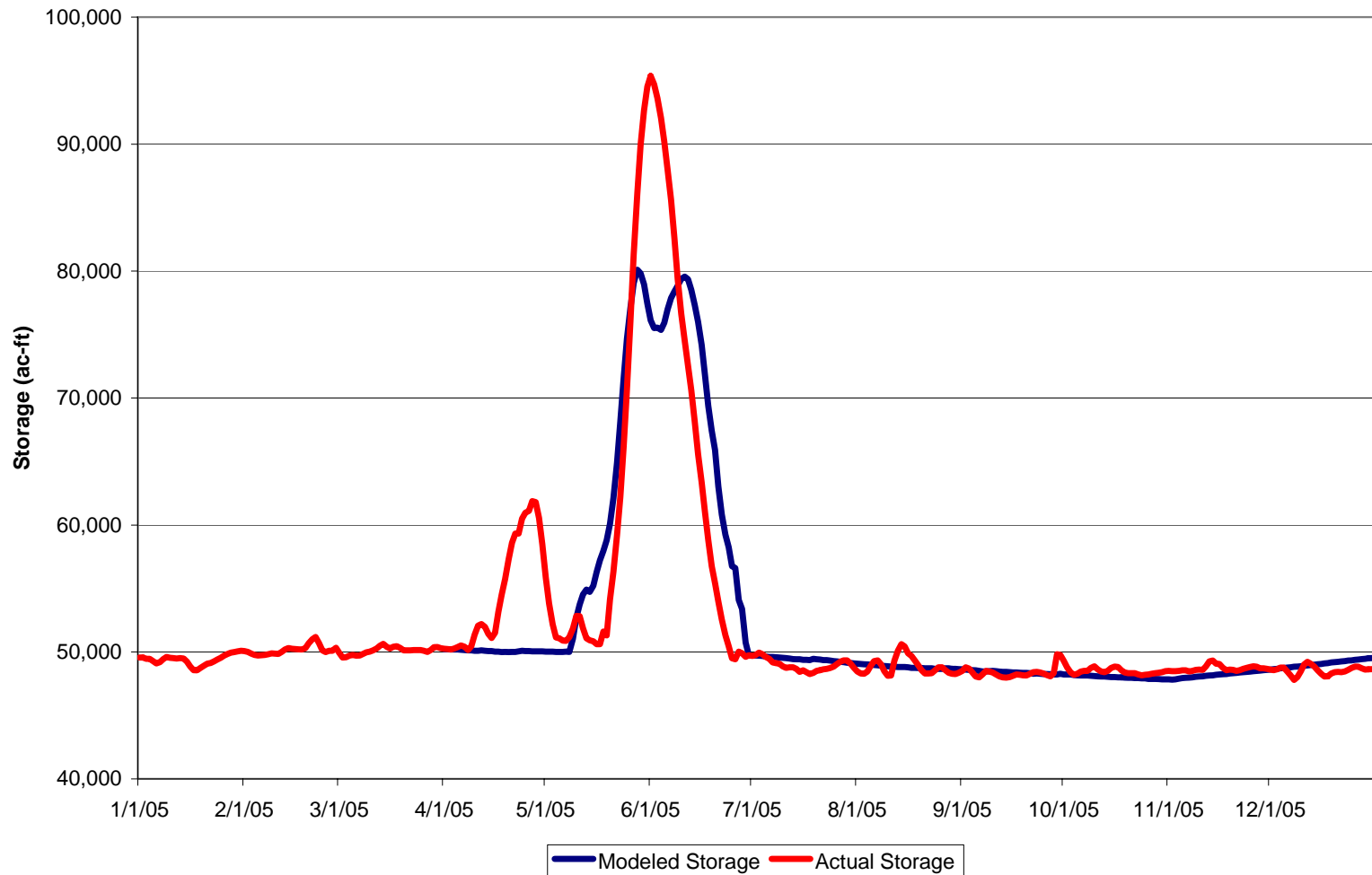
Abiquiu Reservoir

2005 Abiquiu Operations



Cochiti Reservoir

2005 Cochiti Operations



2006 Water Operations Modeling

Major Assumptions

- April 1 50% most probable Forecast
- Dry year target flow requirements
- Dry monsoon conditions
- Recession managed using 10 cfs drops
- No supplemental releases for “recruitment flows” (formerly envisioned as “spawning spike”)
- Storage occurs under the Emergency Drought Water Agreement for MRGCD & Reclamation

April Forecast Data

	Most Probable Percent of Average		April 1 Most Probable Volume (acre-feet)
	2005	2006	2006
Rio Grande @ Del Norte	145%	67%	355,000
El Vado Reservoir Inflow	137%	38%	91,000
Rio Grande @ Otowi	152%	35%	265,000
Santa Fe River @ Santa Fe	174%	10%	470
Jemez Reservoir Inflow	132%	13%	5,900
Heron Reservoir Inflow	130%	44%	58,000

Major Results

- Snowmelt Runoff well below normal
- Full Irrigation Season for MRGCD
- MRGCD utilizes almost all of it's storage by the end of irrigation season
- BiOp flow requirements met through out the irrigation season
- Supplemental Water Releases begin Mid-March
- Supplemental Water Supplies Fully Utilized to meet BiOp requirements (43,000 – 47,000 af)

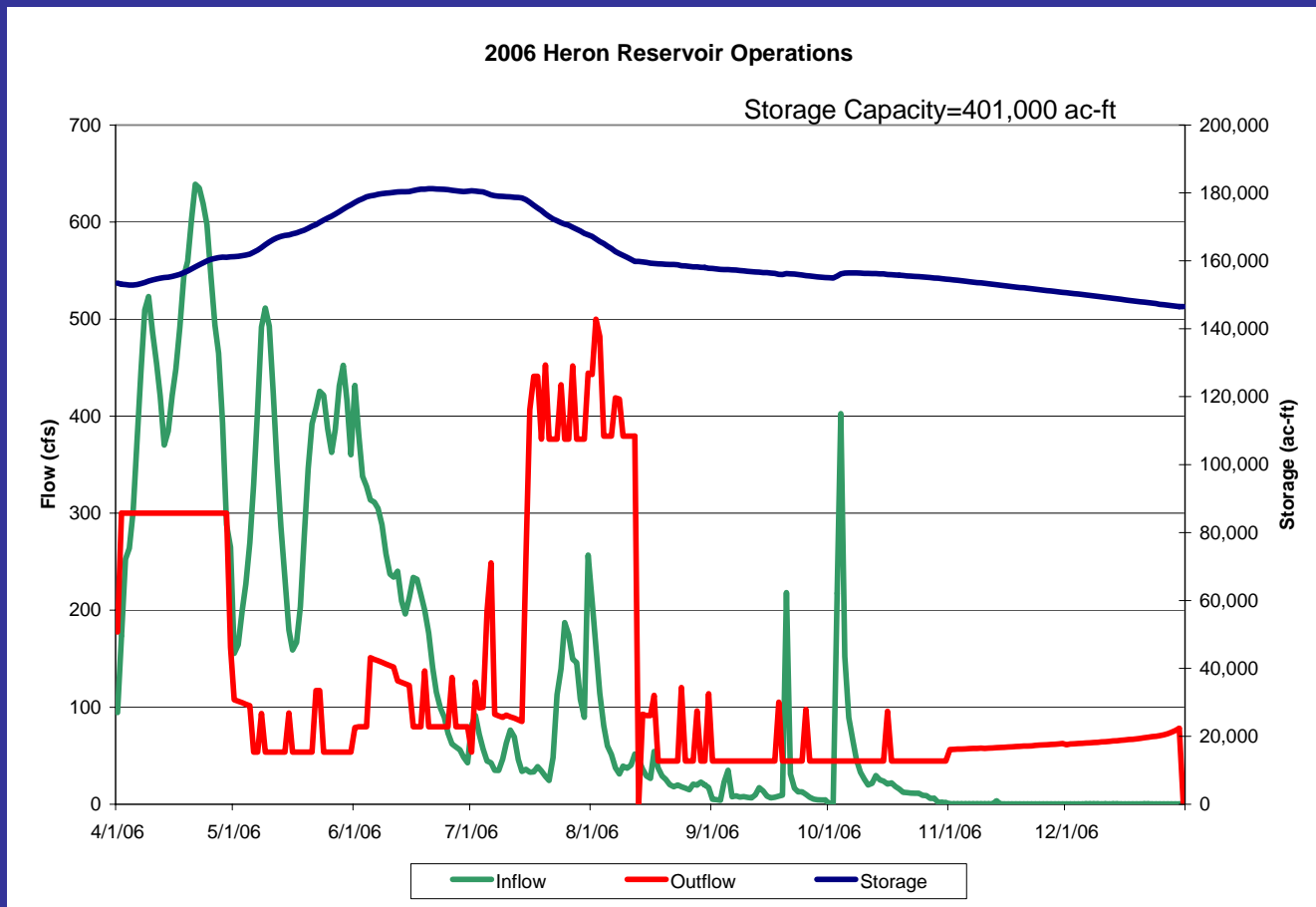
Major Results - Continued

- Additional Supplemental water supplies may be needed
- Article VII is currently in effect and will remain throughout the year
- Heron Reservoir Inflow roughly 44% of average (58,000 af)
- Recreational Flows provided for the Rio Chama through most of the Summer

Heron Reservoir



Proposed 2006 Heron Operations



Heron Reservoir:

Lake Level: Dropping slightly BOY to EOY from Elevation 7145 to 7128

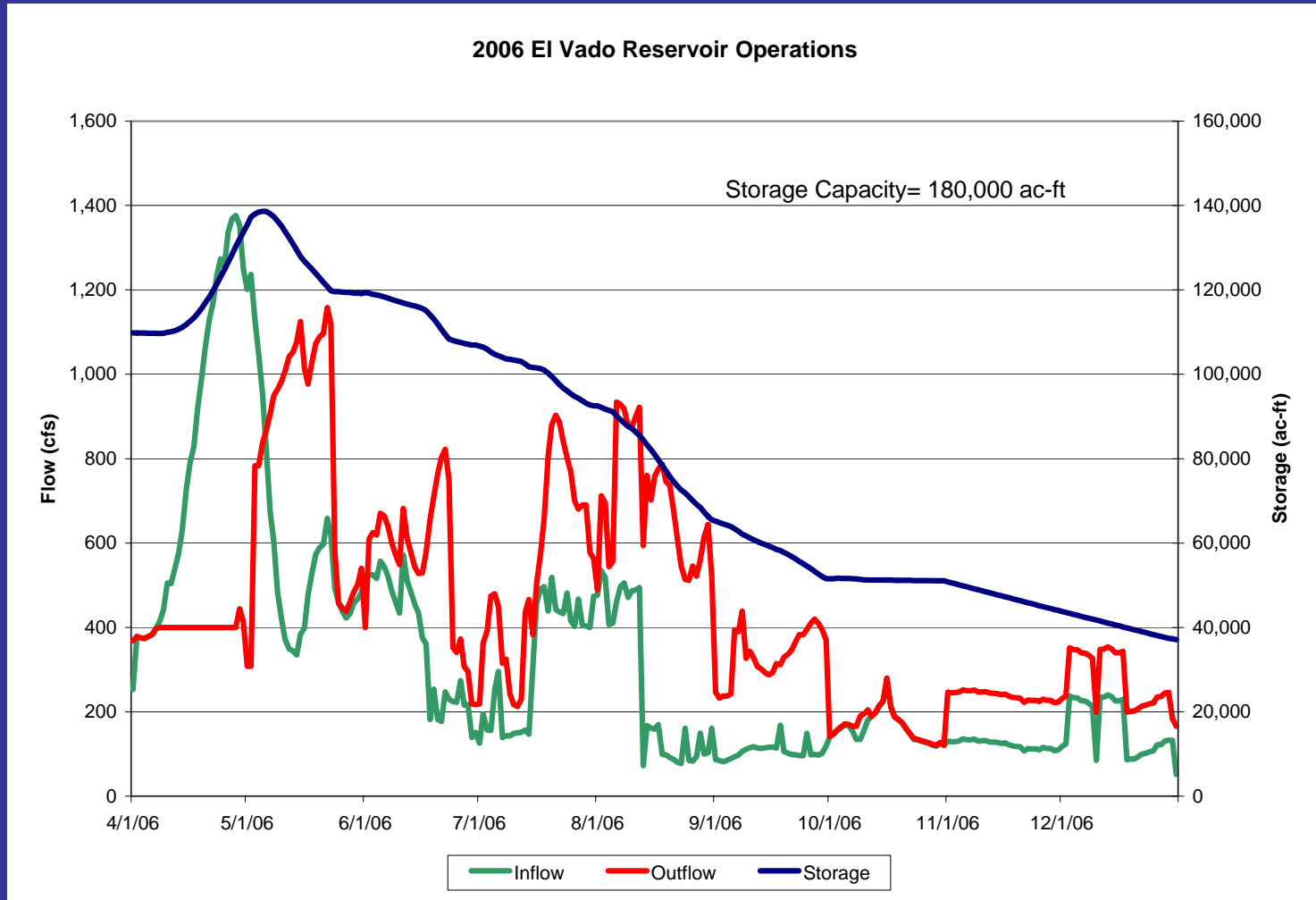
Water Supply: Able to meet this and next years' SJ-C allocations with a little to spare

("BOY" means beginning of calendar year. "EOY" means end of calendar year)

El Vado Reservoir



Proposed 2006 El Vado Operations



El Vado Reservoir:

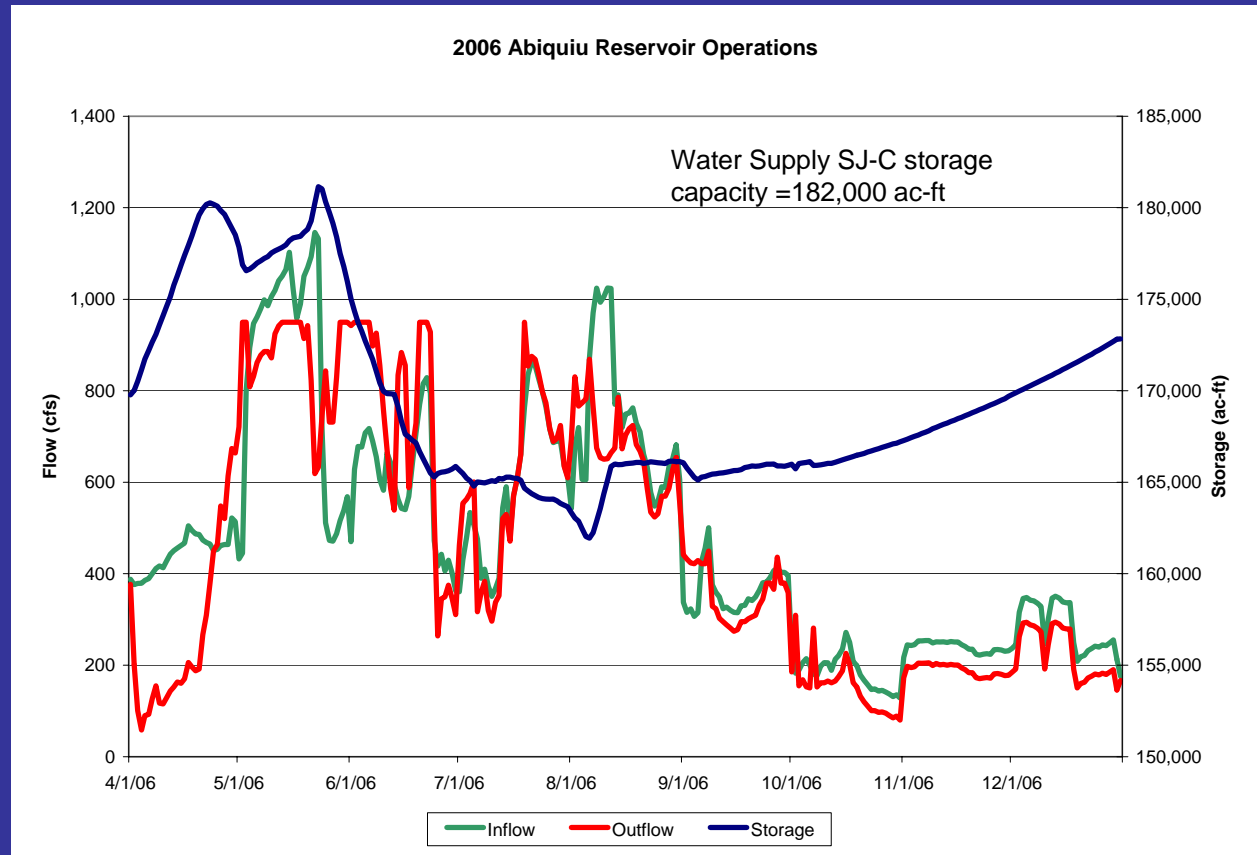
Lake Level: Dropping very significantly from Elev. 6873 to 6785 as water supply storage is used up

Water Supply: Most of last year's bounty of ~100KAF being used this year

ABIQUIU LAKE



Proposed 2006 Abiquiu Operations



Abiquiu Reservoir:

Flood Operations: None expected unless we see big rains during year

Lake Level: Started at Elev. 6207 going to full (water supply storage) 6220, dropping to around 6207, then recovering to near full at 6216, EOY

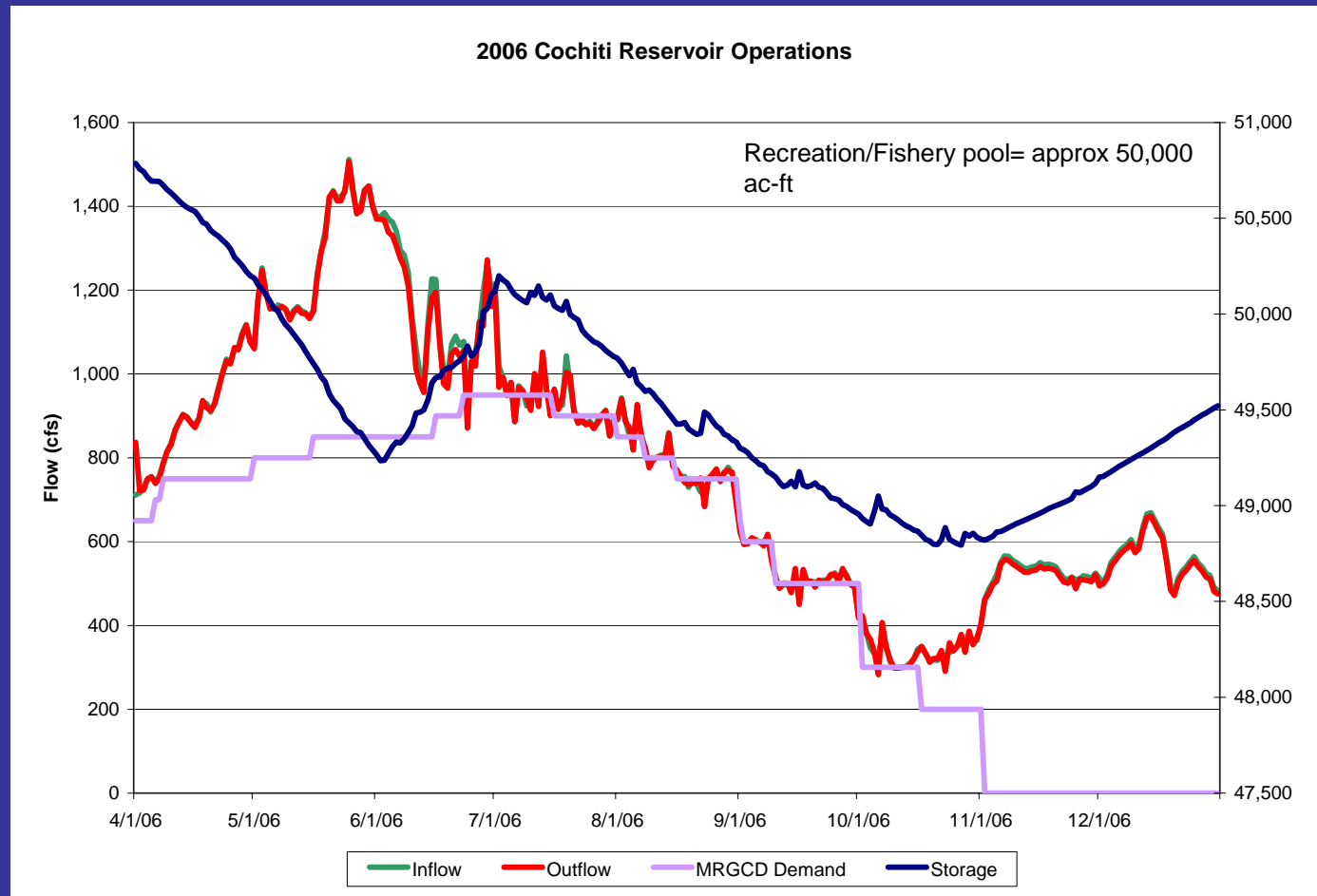
Water Supply: Storing Albuquerque's and others' SJ-C water for the future.

Silvery Minnow: Storing and releasing SJ-C water for Silvery Minnow this year

COCHITI LAKE



Proposed 2006 Cochiti Operations



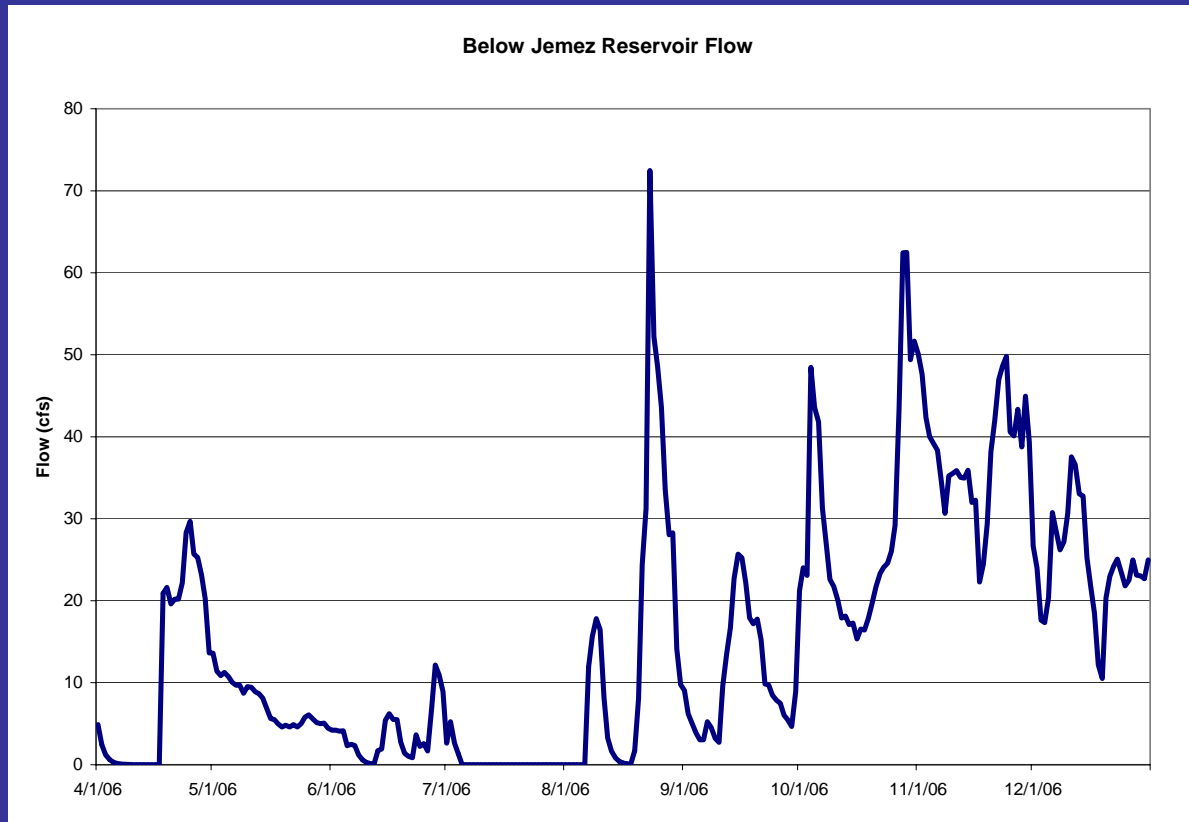
Cochiti Lake:

Flood Operations: None expected unless we see big rains during year
Lake Level, Recreation, Fishery: Steady year-round (slight evap dip during summer/fall, refilling at end of year)
Water Supply: No water supply storage (just passes inflows downstream)

JEMEZ CANYON DAM



Estimated 2006 Hydrograph below Jemez Reservoir



Jemez Canyon Reservoir:

Flood Operations: None expected unless we see big rains during year

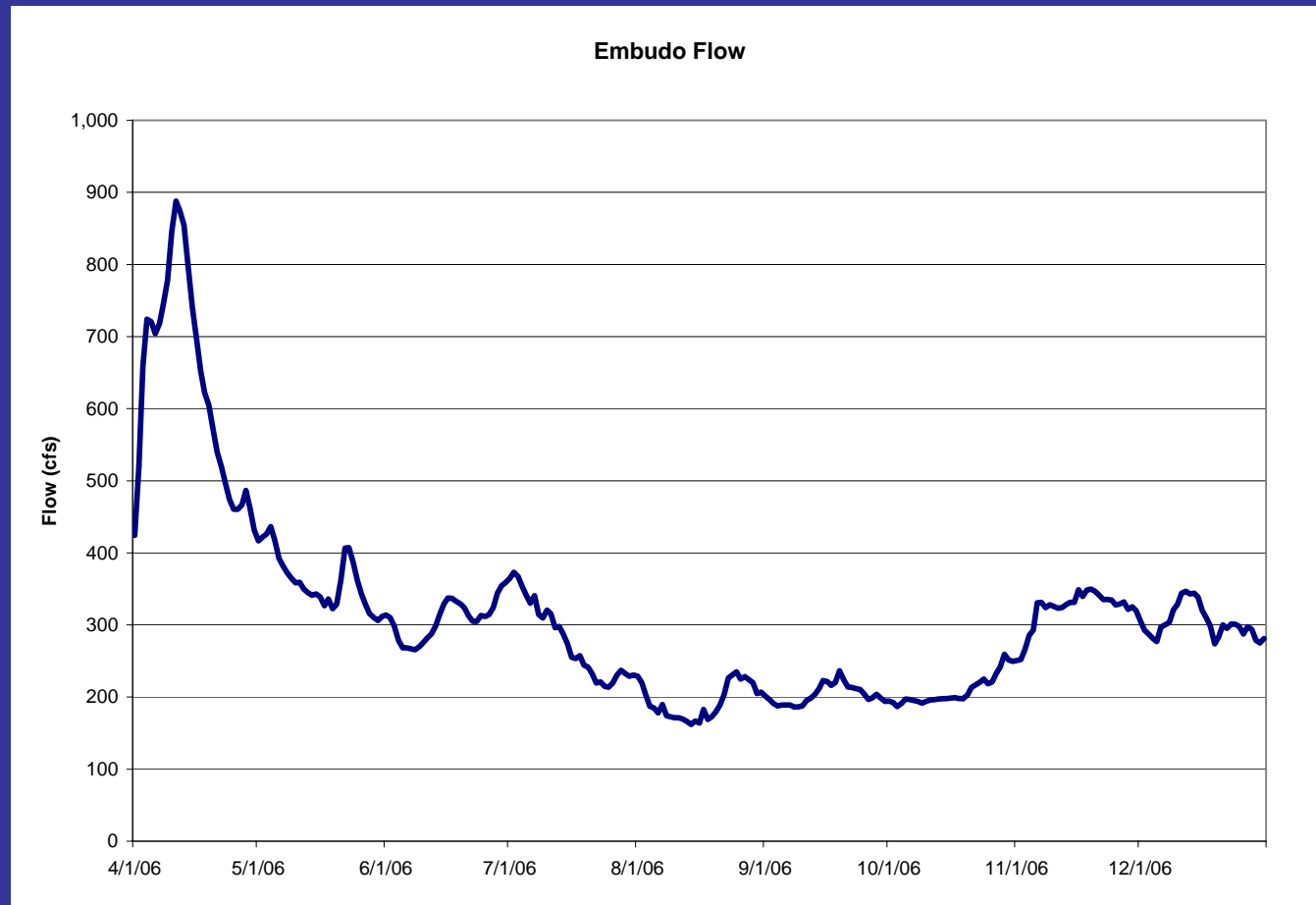
Spring Runoff: Not much water, with a small peak of maybe 30 cfs

Summer/Fall Flows: Small peaks of 40 to 70 cfs, unless larger rains come

Lake Level: Dry unless short-term flood storage occurs

Water Supply: No water supply storage (just passes inflows downstream)

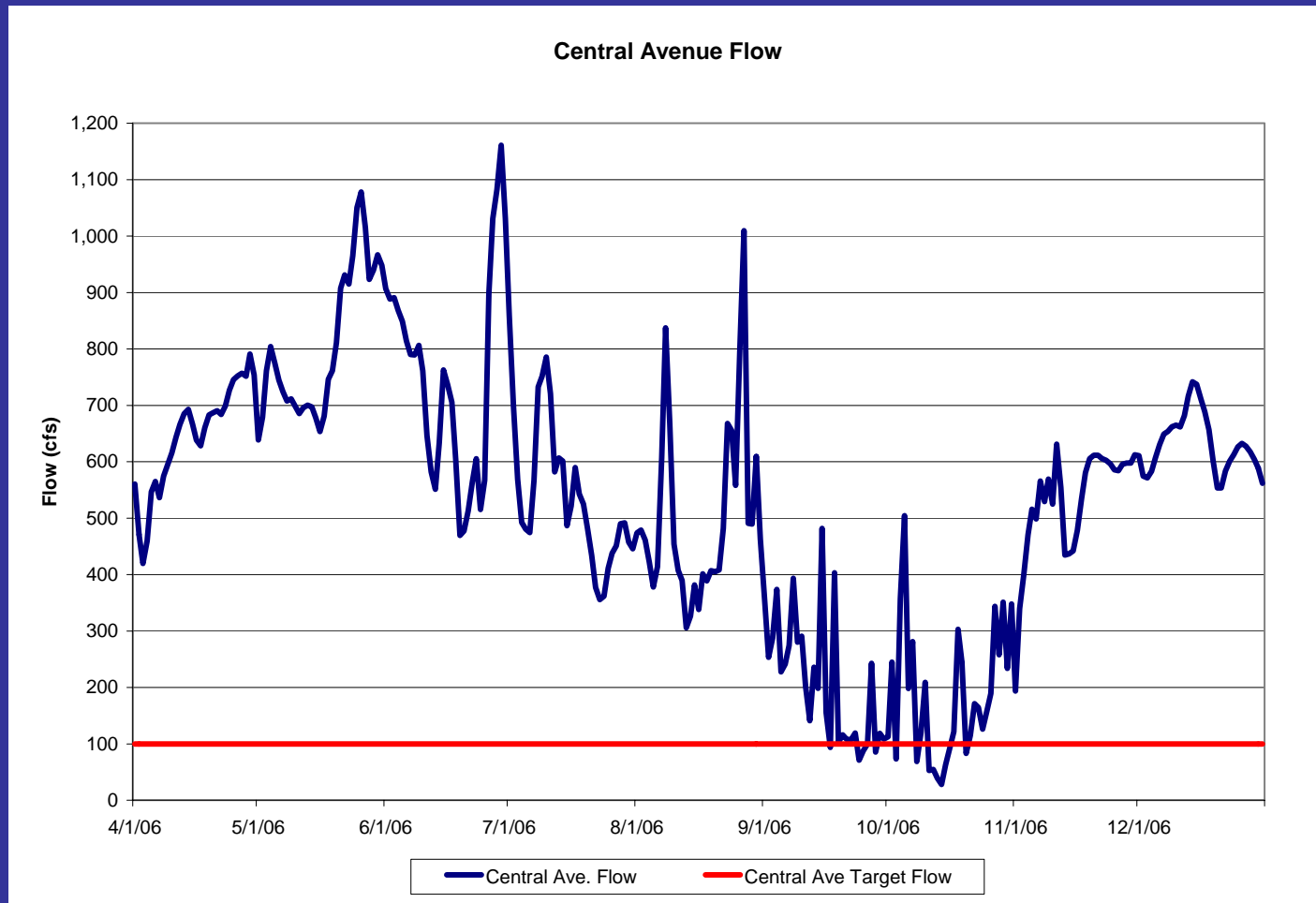
Estimated 2006 Hydrograph at Embudo



Rio Grande Colorado Border to Rio Chama Confluence:

Spring Runoff Peak: We've probably seen it and it's not very high at around 550 cfs
Worst NM Snowpack in the last 55-years means little NM-mountain runoff

Estimated Hydrograph at Central Ave.

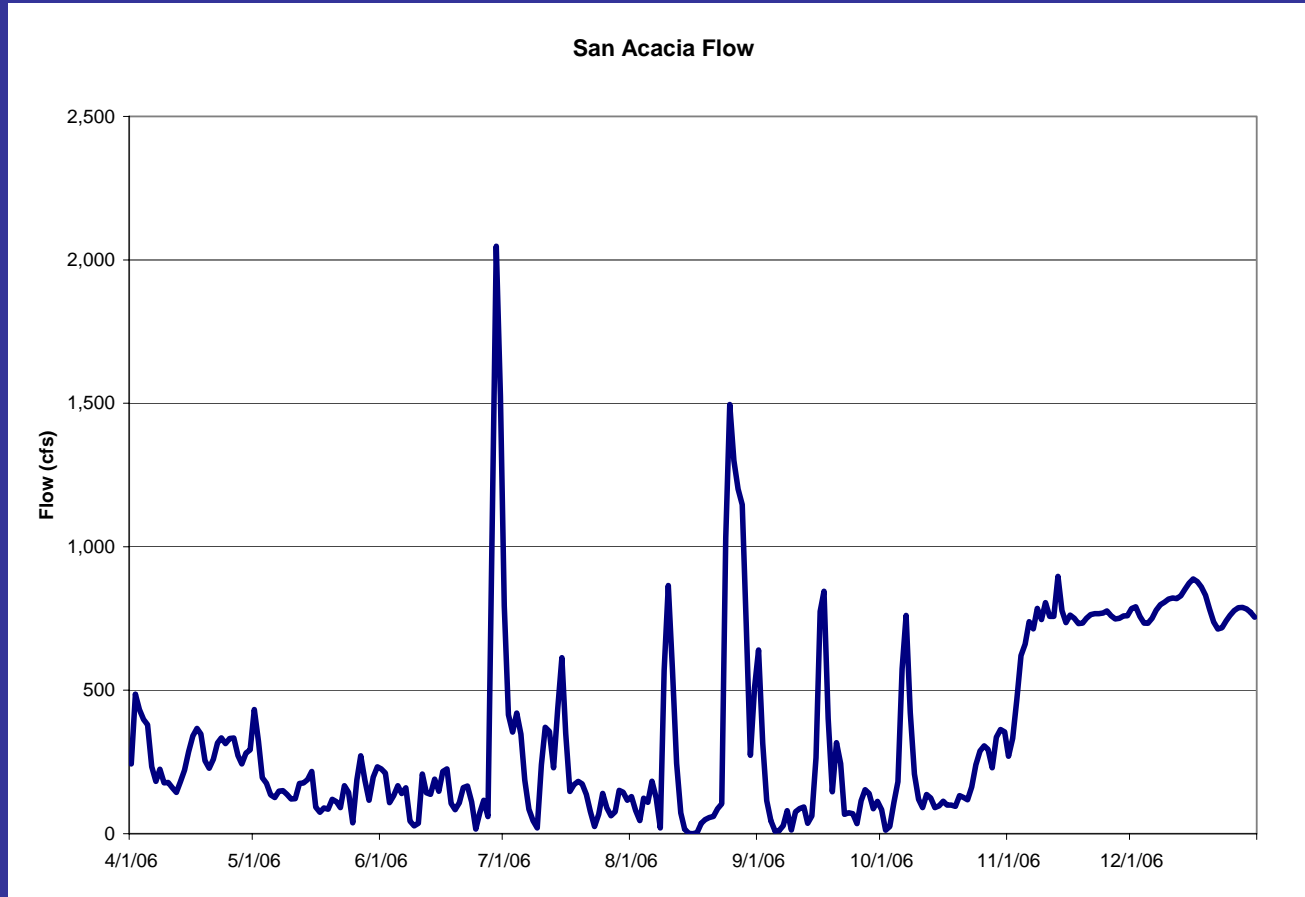


Rio Grande Below Cochiti to Albuquerque:

Irrigation Flows: MRGCD Demand peak around 950 cfs late June thru early July. Running very short (or out) by early Oct.

Silvery Minnow Flows: Maintained year-round, dipping to 100 cfs in Oct

2006 Estimated San Acacia Outflow



Rio Grande Albuquerque to San Acacia:

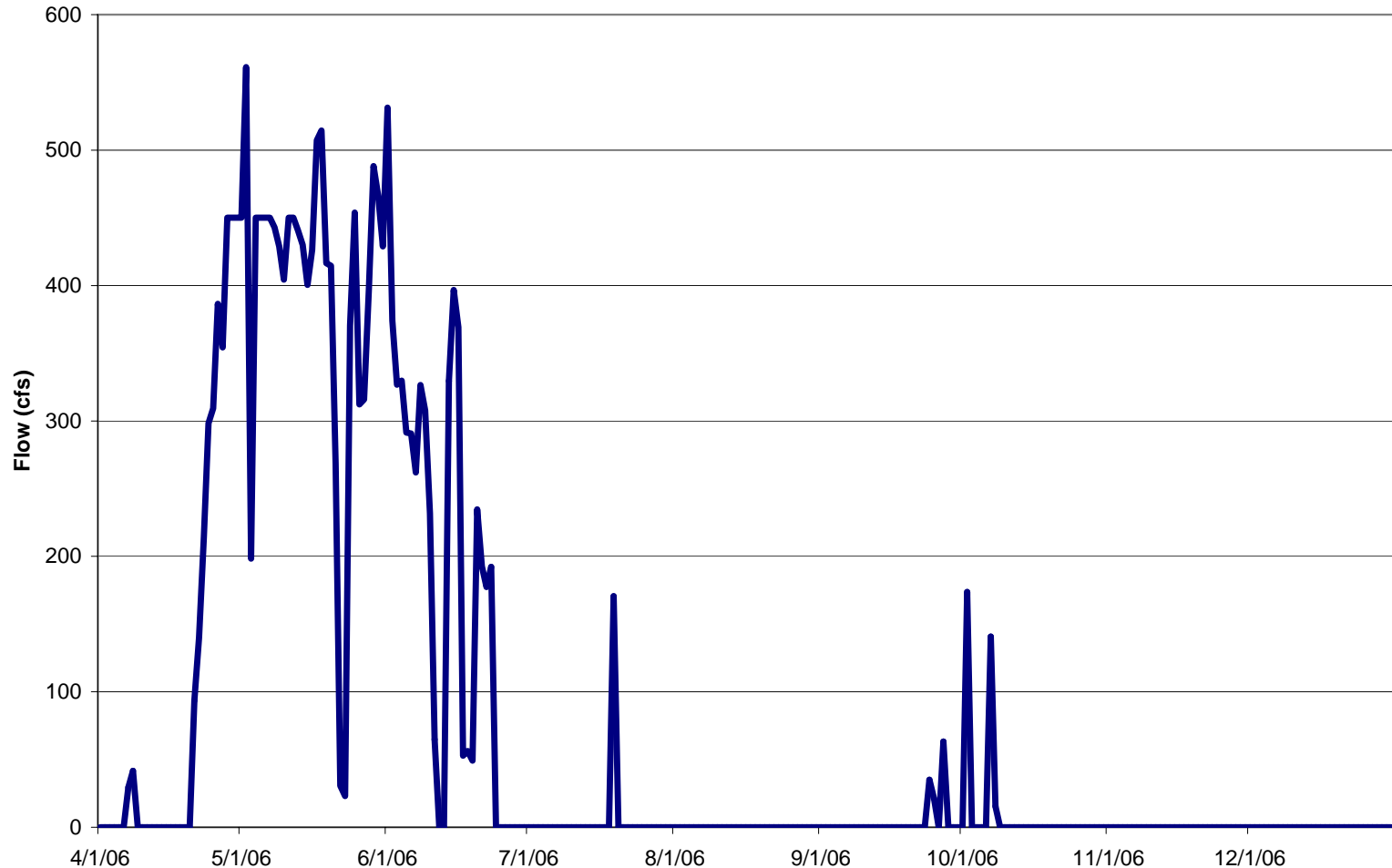
Silvery Minnow Flows: Wet thru June 15th. Recession/drying at times afterwards

Rio Grande San Acacia to San Marcial:

Silvery Minnow Flows: Wet thru June 15th. Recession/drying at times, and extended dry stretches with occasional re-wetting from monsoons

2006 Estimated Supplemental Water Released from Abiquiu

Abiquiu Reclamation Release



2006 Supply/Demand Outlook

Supply	Demand
43,000 af – 47,000 af	15,000 af – 52,000 af

- Actual supplemental water used in the model run is approximately 47,000 ac-ft
 - 14,000 ac-ft San Juan-Chama water in Heron
 - 21,000 ac-ft emergency drought water in El Vado
 - 12,000 ac-ft San Juan-Chama water in Abiquiu