

Rio Grande RWPG Committee Meeting: Groundwater/Surface Water Modeling

2026 Region M Regional Water Plan

April 17, 2024



1. Background and Purpose

- Technical Memorandum presentation at Feb 21st Region M meeting
- Questions asked about surface water modeling methodology and results
- Suggested a subcommittee meeting be held to answer questions in more detail

Table 1: Reservoir Firm Yields Using Rio Grande WAM Run 3 and Modified Rio Grande WAM Run 3

SOURCE	FIRM YIELD FROM <u>UNMODIFIED</u> WAM RUN 3 ^A (ACFT/YR)		FIRM YIELD FROM <u>MODIFIED</u> WAM RUN 3 ^A (ACFT/YR)	
	2030	2080	2030	2080
Amistad-Falcon Reservoir System	999,768	990,268	1,001,776	995,863
Casa Blanca Lake/Reservoir	600	412	600	412

Notes:

A Firm yields incorporate sedimentation