



**WORKSHEET OF STATUS OF RIO GRANDE COMPACT  
CREDIT WATERS AND DELIVERIES**

W'Treers  
1/8/2003

**2002**

**ELEPHANT BUTTE RESERVOIR**

	Rio Grande Compact Credit Waters		San Juan- Chama Pool (AF)
	Colorado (AF)	New Mexico (AF)	
Beginning of 2002 (derived from 2001 RGC Accounting)	10,100	155,700	9,494
Evaporation from Jan. 1 to Nov. 30, 2002 (derived from actual data)	1,879	28,985	1,272
<b>Status of RGC Credit Waters and SJ-C Water to Nov. 30, 2002</b>	<b>8,221</b>	<b>126,715</b>	<b>8,222</b>
Estimated Evaporation from Dec. 1 to Dec. 31, 2002	63	980	63
<b>Estimated Status of RGC Credit Waters and SJ-C Water to Dec. 31, 2002</b>	<b>8,158</b>	<b>125,735</b>	<b>8,159</b>
Estimated Status of 2002 Deliveries under Rio Grande Compact Regulations: ( to November 30, 2002 for all waters)	29,290	115,445	0
<b>Estimated Status of Deliveries and Credit Waters for End of Year 2002</b>	<b>37,448</b>	<b>241,180</b>	<b>8,159</b>

# 2003 Rio Grande Project Allocation

## Initial Allocation - End of November, 2002

(letter issued Dec. 10, 2002)

Mexico	6,548 AF
Elephant Butte Irrigation District	38,783 AF
El Paso County Water Improvement District # 1	29,529 AF
	<hr/>
[8.03% of a full supply]	74,860 AF *

## Updated Allocation - End of December, 2002

(letter issued Jan. 17, 2003)

Mexico	7,612 AF
Elephant Butte Irrigation District	50,698 AF
El Paso County Water Improvement District # 1	38,600 AF
	<hr/>
[10.40% of a full supply]	96,910 AF *

\* Project water supply available for diversion at the authorized canal headings.

**SUMMARY TABLE OF PROJECTED ALLOTMENTS FOR 2003  
(Based Upon Various Runoff Scenarios at San Marcial Gauges)**

WTTreers  
1/14/2003

**NO RELINQUISHMENT OF RIO GRANDE COMPACT CREDIT WATERS  
IN ELEPHANT BUTTE RESERVOIR**

2003 RUNOFF (Mar-Jul) at SAN MARCIAL GAUGES *	EO February Est. Allotments (based on EO February est. storage) **	EO March Est. Allotments (based on EO March est. storage) **	EO June Est. Allotments (based on EO June est. storage) **	EO September Est. Allotments (based on EO September est. storage) **	Estimated Remaining Credit Waters in Elephant Butte Reservoir (AF)	2003 Estimated Irrigation Season Release from Caballo Dam (AF)
100%	10.8% of full supply	19.7% of full supply	86.1% of full supply	full supply reached during August	233,070	725,000
75%	11.3% of full supply	22.9% of full supply	73.4% of full supply	88.7% of full supply	226,420	655,000
50%	12.5% of full supply	17.3% of full supply	53.2% of full supply	69.0% of full supply	225,440	510,000
25%	9.3% of full supply	13.2% of full supply	31.3% of full supply	43.0% of full supply	225,300	350,000

**RELINQUISHMENT OF ALL OR SOME OF RIO GRANDE COMPACT  
CREDIT WATERS IN ELEPHANT BUTTE RESERVOIR**

2003 RUNOFF (Mar-Jul) at SAN MARCIAL GAUGES *	EO February Est. Allotments (based on EO February est. storage) **	EO March Est. Allotments (based on EO March est. storage) **	EO June Est. Allotments (based on EO June est. storage) **	EO September Est. Allotments (based on EO September est. storage) **	Estimated Remaining Credit Waters in Elephant Butte Reservoir (AF)	2003 Estimated Irrigation Season Release from Caballo Dam (AF)
100%	10.8% of full supply	23.5% of full supply	full supply reached during June		34,180	725,000
50%	12.8% of full supply	19.6% of full supply	70.6% of full supply	85.3% of full supply	114,280	626,000
25%	9.3% of full supply	14.0% of full supply	40.3% of full supply	51.7% of full supply	165,290	400,000

\* Normal (average) runoff volume at San Marcial gauging stations (Mar-Jul) is 573,000 AF.

\*\* EO month storage figures based on Reclamation's Rio Grande Project reservoirs operational plans developed on Jan. 14, 2003. Allotments are estimated for an entire irrigation season, and the allotments are made to the Rio Grande Project canal headings. A full supply allotment for an irrigation season is: 494,979 AF to EBID canal headings; 376,862 AF to EP#1 headings; and, 60,000 AF to Mexico's Acequia Madre heading under the 1906 Treaty.