RIO GRANDE COMPACT

DELIVERIES BY COLORADO AT STATE LINE

YEAR 1963

Quantities in Thousands of Acre Feet to Nearest Hundred

MONTH	CONEJOS INDEX SUPPLY										RIO GRANDE INDEX SUPPLY								DELIVERIES			
	MEASURED FLOW				ADJUSTMENTS				SUPPLY			ADJUSTMENTS					SUPPLY					
	CONEJOS AT MOGOTE	LOS PINOS NEAR ORTIZ	SAN ANTONIO AT ORTIZ	TOTAL	STORAGE AT END OF MONTH	CHANGE IN STORAGE	OTHER ADJUSTMENTS [a]	NET ADJUSTMENT	SUPPLY IN MONTH	ACCUMULATED TOTAL	RECORDED FLOW NEAR DEL NORTE	STORAGE AT END OF MONTH	CHANGE IN STORAGE	TRANSMOUNTAIN DIVERSIONS [b]	OTHER ADJUSTMENTS [a]	NET ADJUSTMENT	SUPPLY IN MONTH	ACCUMULATED TOTAL	CONEJOS RIVER AT MOUTH NEAR LOS SAUCES	RIO GRANDE LESS CONEJOS RIVER	RIO GRANDE AT LOBATOS	ACCUMULATED TOTAL AT LOBATOS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	—	—	—	—	4.0	—	—	—	—	c	—	0.6	—	—	—	—	—	c	—	—	—	c
JAN	2.6	—	—	2.6	4.0	0	0	0	2.6	2.6	9.0	.6	0			0	9.0	9.0	2.1	6.7	8.8	8.8
FEB	2.8	—	—	2.8	4.0	0	0	0	2.8	5.4	8.8	.6	0			0	8.8	17.8	3.6	13.9	17.5	26.3
MAR	5.6	—	—	5.6	4.0	0	0	0	5.6	11.0	16.2	.6	0			0	16.2	34.0	5.0	14.7	19.7	46.0
APR	11.9	12.2	4.3	28.4	6.0	+2.0	+.1	+2.1	30.5	41.5	39.8	.6	0			0	39.8	73.8	2.5	6.8	9.3	55.3
MAY	52.3	13.5	.6	66.4	6.0	0	+.1	+.1	66.5	108.0	117.6	.9	+.3			+.3	117.9	191.7	.4	2.2	2.6	57.9
JUN	20.1	2.8	0	22.9	6.0	0	+.1	+.1	23.0	131.0	49.6	.9	0	-.5	+.2	-.3	49.3	241.0	.1	1.4	1.5	59.4
JUL	4.9	1.0	0	5.9	6.0	0	+.1	+.1	6.0	137.0	19.0	.9	0			0	19.0	260.0	0	.6	.6	60.0
AUG	4.6	.9	.2	5.7	6.0	0	c+.1	+.1	5.8	142.8	17.2	.9	0			0	17.2	277.2	0	1.3	1.3	61.3
SEPT	3.4	.8	.2	4.4	6.0	0	0	0	4.4	147.2	20.1	.9	0			0	20.1	297.3	0	1.2	1.2	62.5
OCT	2.8	.7	.1	3.6	6.0	0	0	0	3.6	150.8	13.8	.9	0			0	13.8	311.1	0	1.7	1.7	64.2
NOV	6.0	—	—	6.0	3.0	-3.0	0	-3.0	3.0	153.8	10.4	.9	0			0	10.4	321.5	2.8	1.8	4.6	68.8
DEC	2.3	—	—	2.3	3.0	0	0	0	2.3	156.1	8.0	.9	0			0	8.0	329.5	1.5	2.3	3.8	72.6
YEAR	119.3	31.9	5.4	156.6	—	-1.0	+.5	-.5	156.1	—	329.5	—	+.3	-.5	+.2	0	329.5	—	18.0	54.6	72.6	—

REMARKS:

c7: Rio Grande at Lobatos for December 1962 revised from 13,870 to 13,320 acre-feet.
Storage in recreational reservoirs not included.

a Evaporation loss.

b 768 acre-feet minus 243 acre-feet pre-compact.

c Total for Trujillo Meadows Reservoir.

SUMMARY OF DEBITS AND CREDITS

	ITEM	DEBIT	CREDIT	BALANCE	
C1	Balance at Beginning of Year	—	—	Dr	712.4
C2	Scheduled Delivery from Conejos River	23.0	—	Dr	735.4
C3	Scheduled Delivery from Rio Grande	81.5	—	Dr	816.9
C4	Actual Delivery at Lobatos plus 10 000 Acre Feet	—	82.6	Dr	734.3
C5	Reduction of Debits for Evaporation	—	.5	Dr	733.8
C6	Reduction of Credits for Evaporation	—	—		
C7	Reduction of Credits for revision Lobatos flow (1962)	.6	—	Dr	734.4
C8	Balance at End of Year	—	—	Dr	734.4

RIO GRANDE COMPACT
DELIVERIES BY NEW MEXICO AT ELEPHANT BUTTE

YEAR 1963

Quantities in Thousands of Acre Feet to Nearest Hundred

MONTH	NATURAL FLOW AT OTOWI BRIDGE							TOTAL WATER STORED IN NEW MEXICO ABOVE SAN MARCIAL AT END OF MONTH	ELEPHANT BUTTE EFFECTIVE SUPPLY					
	RECORDED FLOW AT OTOWI BRIDGE	STORAGE IN RESERVOIRS LOCATED TO OTOWI			OTHER ADJUSTMENTS PER ARTICLE III	OTOWI INDEX SUPPLY			STORAGE IN ELEPHANT BUTTE RESERVOIR		RECORDED FLOW BELOW ELEPHANT BUTTE DAM	ADJUSTMENT OF MEASUREMENTS	ACTUAL EFFECTIVE SUPPLY	
		TOTAL AT END OF MONTH	CHANGE GAIN (+) LOSS (-)	EVAPORATION DURING MONTH		DURING MONTH (2+4+5+6)	ACCUMULATED TOTAL		AT END OF MONTH	CHANGE GAIN (+) LOSS (-)			DURING MONTH (11+12+13)	ACCUMULATED TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	—	11.8	—	—	—	—	*	14.2	390.3	—	—		—	*
JAN	40.9	2.4	-9.4	0	-	31.5	31.5	4.9	432.8	+42.5	0.4	-	42.9	42.9
FEB	44.8	2.5	+.1	0	-	44.9	76.4	5.1	420.5	-12.3	60.1	-	47.8	90.7
MAR	73.4	4.9	+2.4	.1	-	75.9	152.3	8.9	392.4	-28.1	64.8	-	36.7	127.4
APR	99.2	17.4	+12.5	.1	-	111.8	264.1	21.0	338.6	-53.8	106.3	-	52.5	179.9
MAY	35.6	33.6	+16.2	.1	-	51.9	316.0	37.2	268.4	-70.2	71.5	-	1.3	181.2
JUN	17.1	28.5	-5.1	.1	-	12.1	328.1	31.4	217.2	-51.2	45.1	-	-6.1	175.1
JUL	13.0	21.3	-7.2	.1	-	5.9	334.0	23.6	130.2	-87.0	85.8	-	-1.2	173.9
AUG	16.0	18.0	-3.3	0	-	12.7	346.7	20.2	66.5	-63.7	71.7	-	8.0	181.9
SEPT	15.1	18.0	0	0	-	15.1	361.8	20.4	78.8	+12.3	3.0	-	15.3	197.2
OCT	14.5	18.0	0	.1	-	14.6	376.4	20.2	80.2	+1.4	.2	-	1.6	198.8
NOV	34.1	2.4	-15.6	0	-	18.5	394.9	4.7	93.5	+13.3	.2	-	13.5	212.3
DEC	21.8	2.4	0	0	-	21.8	416.7	4.7	112.0	+18.5	.2	-	18.7	231.0
YEAR	425.5	—	-9.4	.6	-	416.7	—	—	—	-278.3	509.3	-	231.0	—

REMARKS:

Column 5: Allowance of 100 acre-feet for evaporation from Abiquiu Reservoir.

SUMMARY OF DEBITS AND CREDITS

	ITEM	DEBIT	CREDIT	BALANCE	
NM1	Balance at Beginning of Year	—	—	Dr	345.4
NM2	Scheduled Delivery at Elephant Butte	237.7	—	Dr	583.1
NM3	Actual Elephant Butte Effective Supply	—	231.0	Dr	352.1
NM4	Reduction of Debits % Evaporation	—	.3	Dr	351.8
NM5	Reduction of Credits % Evaporation	—	—		
NM6					
NM7					
NM8	Balance at End of Year	—	—	Dr	351.8

RIO GRANDE COMPACT

RELEASE AND SPILL FROM PROJECT STORAGE

YEAR 1963

Quantities in Thousands of Acre Feet to Nearest Hundred

MONTH	TOTAL PROJECT STORAGE CAPACITY AVAILABLE AT END OF MONTH	USABLE WATER IN STORAGE			UNFILLED CAPACITY OF PROJECT STORAGE AT END OF MONTH	CREDIT WATER IN STORAGE			FLOOD WATER IN STORAGE IN CABALLO RESERVOIR AT END OF MONTH	TOTAL WATER IN PROJECT STORAGE AT END OF MONTH	RIO GRANDE BELOW CABALLO DAM							
		ELEPHANT BUTTE RESERVOIR	CABALLO RESERVOIR	TOTAL AT END OF MONTH		COLORADO CREDIT WATER	NEW MEXICO CREDIT WATER	TOTAL AT END OF MONTH			MEASURED FLOW AT CABALLO GAGING STATION	INTERVENING DIVERSIONS TO CANALS	TOTAL RELEASE AND SPILL	SPILL FROM STORAGE			USABLE RELEASE	
														CABALLO FLOOD WATER	CREDIT WATER	USABLE WATER	NET DURING MONTH	ACCUMULATED TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	2,539.0	390.3	37.6	427.9	2,111.1	0	0	0	0	427.9	———	———	———	———	———	———	———	0
JAN	2,539.0	432.8	39.4	472.2	2,066.8	0	0	0	0	472.2	0.1	0	0.1	0	0	0	0.1	0.1
FEB	2,539.0	420.5	92.7	513.2	2,025.8	0	0	0	0	513.2	.1	0	.1	0	0	0	.1	.2
MAR	2,539.0	392.4	26.1	418.5	2,120.5	0	0	0	0	418.5	132.7	.2	132.9	0	0	0	132.9	133.1
APR	2,539.0	338.6	81.6	420.2	2,118.8	0	0	0	0	420.2	45.6	0	45.6	0	0	0	45.6	178.7
MAY	2,539.0	268.4	103.8	372.2	2,166.8	0	0	0	0	372.2	47.0	.2	47.2	0	0	0	47.2	225.9
JUN	a2,439.0	217.2	53.7	270.9	a2,168.1	0	0	0	0	270.9	97.1	.1	97.2	0	0	0	97.2	323.1
JUL	a2,439.0	130.2	30.1	160.3	a2,278.7	0	0	0	0	160.3	108.8	.2	109.0	0	0	0	109.0	432.1
AUG	a2,439.0	66.5	33.1	99.6	a2,339.4	0	0	0	0	99.6	72.1	.2	72.3	0	0	0	72.3	504.4
SEPT	a2,439.0	78.8	27.6	106.4	a2,332.6	0	0	0	0	106.4	13.3	0	13.3	0	0	0	13.3	517.7
OCT	2,539.0	80.2	29.2	109.4	2,429.6	0	0	0	0	109.4	.1	0	.1	0	0	0	.1	517.8
NOV	2,539.0	93.5	30.4	123.9	2,415.1	0	0	0	0	123.9	.1	0	.1	0	0	0	.1	517.9
DEC	2,539.0	112.0	31.7	143.7	2,395.3	0	0	0	0	143.7	.1	0	.1	0	0	0	.1	518.0
YEAR	———	———	———	———	———	———	———	———	———	———	517.1	.9	518.0	0	0	0	518.0	———

REMARKS:

a The quantities of Project Storage and the unfilled portion of such storage do not include any of the 100,000 acre-feet of Caballo Reservoir capacity which the Regional Director, U. S. Bureau of Reclamation by letter of Feb. 12, 1960 stated is held inviolate by the Bureau of Reclamation for flood control purposes from June 1 to October 1.

Note.--Project storage was less than 400,000 acre-feet from May 16 to Dec. 31, 1963.

ACCRUED DEPARTURE FROM NORMAL RELEASE

	ITEM	DEBIT	CREDIT	BALANCE
P1	Accrued Departure at Beginning of Year	———	———	Cr 1,786.2
P2	Actual Release during Year	518.0	———	Cr 1,268.2
P3	Normal Release for Year	———	790.0	Cr 2,058.2
P4	Actual Evaporation from Elephant Butte Reservoir	———	———	———
P5	Evaporation Loss if No Accrued Departure	———	———	———
P6	Under-release in excess of 150.0	122.0	———	Cr 1,936.2
P7	Accrued Departure at End of Year	———	———	Cr 1,936.2

TIME OF HYPOTHETICAL SPILL: Did not occur