

RICHARD D. LAMM  
Governor



JERIS A. DANIELSON  
State Engineer

**DIVISION OF WATER RESOURCES**  
WATER DIVISION VII

Daries C. Lile  
Division Engineer  
P.O. Drawer 1880  
Durango, Colorado 81301  
(303) 247-1845

*January 13, 1986*

*Dr. Jeris A. Danielson  
State Engineer  
1313 Sherman St., Room 818  
Denver, Colorado 80203*

*Dear Dr. Danielson:*

*Enclosed is the 1985 IYR Division Engineer's Report for  
Division 7. We have included those items that you outlined and  
have added additional information in the appendix which was used  
in preparing the report.*

*Sincerely,*

*Daries C. Lile  
Division Engineer*

*DCL:alf  
enclosure*

# Index

I N D E X

	<u>PAGE</u>
<u>WATER ADMINISTRATION</u>	
CURRENT WATER YEAR .....	1
COMING WATER YEAR .....	2
RECOMMENDATIONS .....	4
 <u>STATISTICAL INFORMATION</u>	
TRANSMOUNTAIN DIVERSIONS .....	5
STORAGE WATER .....	6
WATER DIVERSION SUMMARIES BY DISTRICT .....	10
COMPACT DELIVERIES - LA PLATA COMPACT .....	12
UPDATE PLANS OF AUGMENTATION .....	13
ACTIVITY SUMMARY IYR 1984-85 .....	14
COURT ACTIVITIES .....	15
OFFICE ADMINISTRATION .....	16
 <u>APPENDIX - WATER DISTRICT SUMMARIES</u>	
DISTRICT 29 .....	A-1
DISTRICT 30 .....	A-2
DISTRICT 31 .....	A-3
DISTRICT 32 .....	A-4
DISTRICT 33 .....	A-5
DISTRICT 34 .....	A-6
DISTRICT 46 .....	A-7
DISTRICT 69 .....	A-8
DISTRICT 71 .....	A-9
DISTRICT 77 .....	A-10
DISTRICT 78 .....	A-11

Water Admin.

## I. WATER ADMINISTRATION

### A. CURRENT WATER YEAR

The surface water administration was accomplished without much difficulty. We had administrative calls on the Florida, La Plata, Mancos, Little Blanco Rivers, and Elbert and Four Mile Creeks. The Pine River was not curtailed although there was not enough surface water to meet the irrigators' needs. The Pine River Irrigation District released surplus water from Vallecito Reservoir and it was not necessary to curtail water users. McPhee Reservoir filled to the elevation of the Dolores Tunnel and the M.V.I. Diversion which is approximately one-third capacity. This was the last year that the historic M.V.I. diversion structures will be used and by irrigation season next spring, the M.V.I. system will receive water through the McPhee Reservoir and Dolores Project features. Releases were made from Groundhog Reservoir to provide from M.V.I. District users adequate water, but no restrictions were placed on upstream users of the Dolores River. The San Juan, Piedra, Animas Rivers and McElmo Creek all had adequate supplies for all users.

The Division staff has been considerably involved in the water user community during the past season, and have attended and made presentations at meetings of the Southwest Water Board, Animas-La Plata Conservancy District, Dolores Conservancy District, Summit Reservoir Company, Pine River Conservancy District, Florida Conservancy District, city of Durango, town of Pagosa Springs, King Ditch Company, Mancos Conservancy District, and several small ditch and reservoir companies. The primary involvement was a result of the ongoing negotiations to settle the Indian Reserved Claims which has required several meetings with the Southern Ute and Ute Mountain Ute Tribes, U.S. Bureau of Reclamation, Bureau of Indian Affairs, and Colorado State agencies including the Water Conservation Board, Water and Power Resource Board and the Attorney General's Office. We were also involved with making presentations to Fort Lewis College students, Board of Realtors, and Colorado School of Mines Energy Institute. There was also an opportunity to meet with the Regional Director of the Colorado Department of Wildlife in Montrose. They have several large reservoirs and diversion rights within our division and are one of the major water users.

There were numerous activities, issues and events which impacted the division workload during the past irrigation season. They included: abandonment list hearings, negotiation of the Indian claims, moving of the division office, loss of one full-time water commissioner, hiring replacements for retiring commissioners, training the new personnel, installing a new computer system and the conversion of data to the system, installing fourteen satellite remote monitoring systems on stream gages, obtaining matching funds for the operation and maintenance from the water community for the satellite system, construction of a concrete control on the La Plata River state line stream gage, installation of a cableway on the Navajo River at Banded Peaks Ranch, conducting a well drillers' seminar on pending legislation and rule changes, sponsoring a workshop on dam design in cooperation with the local chapter of the professional engineers, attending a training workshop on dam inspection in Montrose, and hosting the spring State Engineer and Division Engineers' meetings.

Each of these activities required that the staff be organized and able to resolve issues in an efficient manner. We were not able to fully accomplish the administration of the Dolores River system because of the lack of a full-time water commissioner position. One water commissioner position was lost due to a budget reduction.

There were three retirements and one resignation of water commissioners which resulted in a reorganization of positions to meet the workload impacts. A full-time commissioner was assigned to the Piedra River and Pagosa Springs office, a seven-month position was assigned to the Navajo River, a four-month position to the La Plata River, and District 30 was divided equally between two full-time commissioners; one on the Florida River system and one on the Animas River and tributaries. Since there was not enough funding for the Dolores River position it was not filled and the water commissioners from the Mancos and McElmo drainages attempted to administer the Dolores as time was available.

The budget for FYR 84-85 was adequate and we were able to operate within its limits. However, FYR 85-86 is not adequate in personnel, operating and travel. We are being very careful with expenditures and may reduce travel and operating to a bare minimum this spring. Additionally, we have one less position which is affecting the administration of the Dolores River.

One of the most important issues that will have the most far-reaching effects is the now ongoing negotiations to resolve the Indian reserved claims. The Attorney General of the state of Colorado initiated the process by inviting the Indians to meet on this problem. Additionally, the Congress of the United States funded a construction start for the Animas-La Plata Project with the conditions that a cost sharing agreement be made by the state of Colorado and the Secretary of the Department of the Interior before June 30, 1986. As a result of the Attorney General's initiative and the cost sharing requirement, there has been a team consisting of the tribes, federal attorneys, Bureau of Indian Affairs, Bureau of Reclamation, water users, the state of Colorado Department of Natural Resources and Attorney General's office working since July to resolve the Indian claims, and developing a cost sharing proposal that will be accepted by the Secretary of the Interior. Presently, this process is ongoing and hopefully will be completed before the end of January 1986, which will give ample time to convince the Department of Interior and the Congress of the United States that the proposals and agreements are economical and politically acceptable.

#### B. COMING WATER YEAR

The upcoming water year hopefully will have adequate water supplies. The January 1, 1986 snow course results indicate that we are at approximately 130% of normal. Reservoir storage is in excellent shape and if we have normal precipitation for the remaining winter months, we will have adequate supplies. However, we have not received moisture in significant quantities since the first week of December 1985.

It is hoped that we will receive funding for the water commissioner on the Dolores River since McPhee Reservoir will be operated for the first time this Spring. We anticipate problems with the allocation of flows through the reservoir

to meet historic needs as well as deliveries to new users. We have installed remote gaging equipment on five stations associated with the operation of McPhee Reservoir. Hopefully the data received will enable us to make the transition from historic operation of the Dolores River to utilizing Project facilities without undue conflicts.

We have accomplished the transfer of the diversion record keeping system to the office WANG computer through the use of the FOCUS programming provided by the data processing branch. There are still some minor problems, however we have been able to produce the water year record with this system. During the upcoming water year, we plan to move the data on the water rights tabulation and well file to the division WANG computer.

We have nearly completed the mapping of all water rights on topographic overlays and are presently working on measurement of irrigated acres for water Districts 30 and 31 which when completed, will finalize the aerial photo analysis of our division.

During the upcoming water year we plan to complete the negotiations on the reserved claims with the Indian ditches; complete the abandonment hearings; integrate McPhee Reservoir into the Dolores River Administration; reinstate the lost water commissioner position; obtain full funding of the operating and travel budgets; and administer the streams in Division 7 and address problems as they occur.

## II RECOMMENDATIONS

Our computer system is developing into an excellent tool. We have been able to complete the diversion records more timely using this system. It is recommended that additional programming be developed which would allow for final and official records to be produced within the division office. That is a record for each structure with the name, ID number, source, use, capacity, and ownership all on one page, with a space for the water commissioner's signature. Generally we do not receive the records in this form from Denver until the summer months for signature of the water commissioners. That is when they are the busiest with their field work and it would be more efficient to sign and have the records completed in the winter before the runoff begins. Further, it is recommended that the tabulation (water rights data) be converted to the local system so that updates and corrections could be made without the problems associated with sending corrections to the Denver office.

We have made exceptional progress with regard to Dam Safety. We need to continue to involve the public, conduct workshops, train our staff and maintain a constant presence with the reservoir owners. This could be accomplished with less expense to the dam owners and the state if the inspectors were stationed in the field offices; particularly those offices on the western slope which require high amounts of travel time from Denver. This could save man power, operating and travel expenditures, and contribute to the public awareness of dam safety.

It is also felt that the division offices can be of greater assistance to the groundwater section, particularly if permits were to be submitted at the

division office we could look for obvious errors and have the applicants correct the forms before they were mailed to Denver. Presently, there is a high number of applications returned to the sender for additional information and corrections. This results in continual delays in obtaining permits, staff time for additional reviewing and poor public preception of our ability to act timely and efficiently. We would hope that this suggestion would be carefully considered.

In conclusion, the staff of Division 7 has done an exceptional job this past irrigation season and their efforts are appreciated. Particularly with respect to the installation and operation of the satellite monitoring equipment and the WANG computer. The water commissioners were required to train four new commissioners and to accomplish their work with less manpower.

The moving of the Division office complicated the work load problems and without conscientious efforts by the secretary and assistant division engineer to acocomplishing this task, we would have had serious problems.

The hydrographer, with assistance of water commissioners, was able to construct a thirty foot wide control and two thirty foot concrete retaining walls at the La Plata River state line gage. This involved the construction of forms and pouring of twenty yards of concrete.

Every staff member has given their best effort and consequently, we were able to meet our objectives and serve the public in Division 7.



## Statistic Info

TRANSMOUNTAIN DIVERSIONS SUMMARY

1985 WATER YEAR

SOURCE

RECIPIENT

WD	NAME	STREAM	PREVIOUS YEAR		YR OF RECORD		W.D.	STREAM
			A.F.	DAYS	A.F.	DAYS		
20	TREASURE PASS DITCH	RIO GRANDE RIVER	307	100	613	56	29	SAN JUAN RIVER
68	CARBON LAKE DITCH	UNCOMPAGRE RIVER	0	0	0	0	30	ANIMAS RIVER
68	RED MOUNTAIN DITCH	UNCOMPAGRE RIVER	0	0	0	0	30	ANIMAS RIVER
20	PINE RIVER-WEMINUCHE PASS D.	RIO GRANDE RIVER	970	122	873	113	31	PINE RIVER
20	WEMINUCHE PASS DIVERSION	RIO GRANDE RIVER	2,110	116	2,090	81	31	PINE RIVER
20	WILLIAMS CREEK SQUAW PASS	RIO GRANDE RIVER	282	115	253	60	78	PIEDRA RIVER
20	DON LaFONT #1 (S.River Peak D)	RIO GRANDE RIVER	68*	36	107	38	78	PIEDRA RIVER
20	DON LaFONT #2* (Piedra Pass D)	RIO GRANDE RIVER	-	-	340	71	78	PIEDRA RIVER

\*Don LaFont #1 and #2  
Combined

RESERVOIR STORAGE SUMMARIES  
1985

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR		IYR OF RECORD					
			BEG. IYR A.F.	Beg. Irr. Season %	BEG. IYR A.F.	BEG. IRR. SEASON %				
29	Echo Reservoir	Echo Creek	2,149	100	2,149	100	2,149	100	2,149	A.F.
29	Harris Bros. & Boone	Blanco River	146	71	206	100	100	48	206	206
29	TOTAL ALL OTHERS		178	66	178	66	163	60	270	270
		TOTALS	2,473		2,533		2,412		2,625	2,625
30	Cascade Reservoir	Elbert Creek	21,560	92	22,968	87	20,417	87	23,468	22,552
30	Durango Regulatory	Florida River	217	100	217	100	217	100	217	217
30	Johnson Reservoir	La Plata River & Lightner Creek	980	86	1,023	90	670	65	968	863
30	Lemon Reservoir	Florida River	25,400	63	40,121	100	25,315	63	40,064	22,934
30	TOTAL ALL OTHERS		2,853	86	2,674	80	2,519	66	3,845	2,935
		TOTALS	51,010		67,003		49,138		68,562	49,501
31	Vallecito Reservoir	Pine River	60,564	46	119,190	92	62,508	48	124,047	61,781
31	Wommer Reservoir	Bear Creek	180	86	208	100	140	67	208	140
31	TOTAL ALL OTHERS		46	77	51	85	51	85	60	50
		TOTALS	60,790		119,449		62,699		124,315	61,971

RESERVOIR STORAGE SUMMARIES  
1985

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR		IYR OF RECORD						
			BEG. IYR A.F.	Beg. Irr. Season %	BEG. IYR A.F.	BEG. IRR. SEASON %	END IYR A.F.				
32	A.M. Puett Reservoir	Dolores River	1,882	78	2,402	100	658	27	2,402	100	658
32	Narraguinnep Reservoir	Dolores River	10,353	55	18,960	100	14,576	77	18,960	100	14,575
32	Totten Reservoir	Dolores River	1,754	53	3,182	96	2,495	78	3,063	92	1,959
32	TOTAL ALL OTHERS		137	74	185	97	180	93	87	45	87
		TOTALS	14,126		24,729		17,909		24,512		17,279
33	Red Mesa Ward Reservoir	La Plata River	404	34	1,176	100	174	15	1,176	100	203
33	TOTAL ALL OTHERS		86	100	86	100	86	100	86	100	86
		TOTALS	490		1,262		260		1,262		289
34	Bauer Reservoir No. 1	Crystal Creek	24	7	357	100	115	32	256	72	68
34	Bauer Reservoir No. 2	Chicken Creek	1,054	68	1,553	100	880	57	1,533	100	880
34	Jackson Gulch Reservoir	Mancos River	5,854	59	9,893	100	3,676	37	9,893	100	5,286
34	Sellars & McClane Res.	Mud Creek	7	13	52	100	12	23	52	100	17
34	Weber Reservoir	Middle Fk. Mancos R	337	76	442	100	171	39	442	100	145
34	TOTAL ALL OTHERS		63	48	131	100	16	12	115	88	19
		TOTALS	7,339		12,428		4,870		12,291		6,415

RESERVOIR STORAGE SUMMARIES  
1985

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR		IYR OF RECORD						
			BEG. IYR A.F.	Beg. Irr. Season %	BEG. IYR A.F.	BEG. IRR. SEASON %	END IYR A.F.				
78	G.S. Hatcher Reservoir	Stollsteimer Creek	1,700	98	1,735	100	1,482	85	1,735	100	1,441
78	Lake Forest Reservoir	Stollsteimer Creek	500	100	500	100	500	100	500	100	500
78	Linn & Clark Reservoir	Dutton Creek	997	100	997	100	373	37	380	38	0
78	Pargin Reservoir	Stollsteimer Creek	453	85	531	100	531	100	531	100	531
78	Stevens Reservoir	Dutton Creek	635	100	635	100	552	87	634	100	634
78	Town Center Reservoir	Stollsteimer Creek	600	100	600	100	600	100	600	100	0
78	Williams Creek Reservoir	Williams Creek	10,084	100	10,084	100	10,084	100	10,084	100	10,084
78	TOTAL ALL OTHERS		237	50	338	71	249	52	378	80	240
		TOTALS	15,206		15,420		14,371		14,842		13,430

RESERVOIR STORAGE SUMMARIES  
1985

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR		IYR OF RECORD						
			BEG. IYR A.F.	%	BEG. IYR A.F.	%					
69	Belmar Lake Reservoir	Rincon Creek	300	74	408	100	0	0	176	43	0
69	Morrison Reservoir	Morrison Creek	94	81	116	100	116	100	116	100	116
69	TOTAL ALL OTHERS		120	93	129	100	115	89	127	98	127
		TOTALS	514		653		231		419		243
71	Big Pine Reservoir	Lost Canyon Creek	309	67	460	100	309	67	460	100	284
71	Groundhog Reservoir	Groundhog Creek	14,280	65	21,710	100	10,330	48	21,512	99	13,220
71	Summit Reservoir	Lost Canyon Creek	1,730	34	5,108	100	1,200	23	3,576	70	1,730
71	McPhee Reservoir	Dolores River	0	0	73,920	19	41,480	11	153,910	40	151,934
71	TOTAL ALL OTHERS		149	57	248	95	226	86	262	100	164
		TOTALS	16,468		101,446		53,545		179,720		167,332
77	Sappington Reservoir	Coyote Creek	94	27	352	100	32	9	352	100	37
77	Spence Reservoir	Coyote Creek	322	73	441	100	33	7	441	100	190
77	TOTAL ALL OTHERS		25	100	25	100	25	100	15	60	15
		TOTALS	441		818		90		808		242

WATER DIVERSION SUMMARIES BY DISTRICT  
1985

WD	TOTAL DITCHES REPORTING				ESTIMATED NUMBER OF VISITATIONS	TOTAL DIVERSIONS - AF-	TOTAL DIVERSIONS TO STORAGE - AF -	TOTAL DIVERSIONS - AF -	IRRIGATION	
	ACTIVE		INACTIVE						NUMBER OF ACRES IRRIGATED	AVERAGE AF PER ACRE
	WA	NWA	NU	NR						
29	339	0	68	4	1,264	53,171	0	42,991	13,713	3.14
30	871	11	281	16	4,169	254,515	30,295	159,443	43,994	4.56
31	332	0	38	0	4,578	314,936	86,961	222,421	57,371	3.88
32	224	0	58	5	1,286	33,861	152	147,283 <sup>1/</sup>	42,600	3.46
33	127	1	25	9	2,144	43,381	939	37,098	12,413	2.99
34	139	1	10	0	552	38,527	9,450	32,085	11,698	2.74
46	32	2	2	0	----- <sup>2/</sup>	6,317	0	5,202	1,669	3.12
69	21	0	15	0	----- <sup>3/</sup>	5,819	188	5,630	1,264	4.45
71	131	2	59	15	----- <sup>3/</sup>	282,980	159,918	4,908	1,458	3.37
77	102	0	20	1	1,112	76,082	39	19,324	4,492	4.30
78	150	2	36	11	7,006 <sup>4/</sup>	31,098	289	25,621	8,260	3.10
TOTAL	2,468	19	612	61	22,111	1,140,687	288,231	702,006	198,932	3.53 Avg.
1/	Total deliveries from transbasin (Dist. 71) were 130,120 AF which included 96,329 for irrigation.									
2/	Included under District 31 Visitations									
3/	Included under Districts 34 and 71 additional visits made By Hydro Engineer not included.									
4/	Large portion of these visitations were in District 29									

WATER DIVERSION SUMMARIES BY DISTRICT IN ACRE FEET (Continued)  
1985

WD	TRANS-MTN. OUTFLOW	TRANS-BASIN OUTFLOW	STOCK	MUN.	DOMES.	INDUS.	REC.	FISH	COMMER.	OTHER	COMPACT	
29	613	1,399	4,911	1,431	261	0	0	1,376	189	335	32,636 <sup>1/</sup>	
30	0	0	12,638	5,402	196	34,955	610	10,237	641	477	6,830	
31	2,962	0	1,421	623	86	0	15	358	60	0	0	
32	0	0	245	3,298 <sup>2/</sup>	15	0	0	7	2	0	0	
33	0	979	3,713	10	36	0	0	0	0	3	1,387	
34	0	0	3,757	94	12	0	0	0	2	0	0	
46	0	0	2	0	0	0	1,111	0	0	0	0	
69	0	0	0	0	1	0	0	0	0	0	0	
71	0	117,568 <sup>3/</sup>	176	430	50	5	0	0	26	0	0	
77	0	0	770	0	17	0	0	2,190	2	0	53,748 <sup>4/</sup>	
78	700	0	3,386	82	574	0	0	1,750	105	0	0	
otals	4,275	119,946	31,019	11,370	12,618	34,960	1,736	15,918	1,027	815	95,416	
1/	Diverted through San Juan-Chama Project to New Mexico											
2/	3,298 AF delivered from transbasin District 71											
3/	Diverted from Water Districts 71 and 34 to Water District 32											
4/	Diverted through San Juan-Chama Project to New Mexico											



LA PLATA RIVER COMPACT MONTHLY ADMINISTRATIVE SUMMARY IN ACRE FEET

MONTH	HESPERUS STATION		LA PLATA & CHERRY CR. DITCH		PINE RIDGE DITCH		HESPERUS TOTAL		STATE STATION		ENTERPRISE (N. MEX) DITCH		PIONEER DITCH		DELIVERED STATE LINE TOTAL		REQUIRED DELIVERY 1/2 HESP.
DECEMBER	586		0		0		586		1440		0		0		1440		
JANUARY	526		0		0		526		1170		0		0		1170		
FEBRUARY	424		0		0		424		1070		0		0		1070		
MARCH	1160		0		0		1160		5230		0		0		5230		
APRIL	10150		0		0		10150		14650		77.8		106		14650		1760 <sup>1/</sup>
MAY	14580		56.3		535		15170		9160		184		249		9590		4920
JUNE	11710		1620		648		13970		5690		139		260		6090		1470
JULY	1640		1080		103		2830		1320		135		106		1560		484 <sup>2/</sup>
AUGUST	776		159		0		935		452		50.2		64.9		567		721
SEPTEMBER	1340		63.1		64.9		1470		1040		0		16.1		1050		698
OCTOBER	1280		7102		46.6		1400		1720		0		0		1720		441
NOVEMBER	816		49.2		0		865		1960		0		0		1960		
TOTAL	44988		10129.6		1397.5		49486		44902		586		802		46097		10494

1. New Mexico requested 90 cfs or 1/2 of Hesperus flow, whichever is less, on May 21, 1985

2. Upper river flows totally diverted, return flows have met Compact obligations since July 24, 1985

PLANS FOR AUGMENTATION

Water Court Case #	Name	Water Dist.	Stream	Amount of Water to be Released (AF or cfs)	Time of Release	Brief Statement of Plan
84CW192	McClure & Murray Ditch	30	Florida R.	2.011 A.F.		For 2 limited wells 1. "Prickett" parcel 2. "Schneider" parcel aka Tr. A, Culhane & Gibbons Subdivision
84CW202	Hermosa Park Reservoir	30	Hermosa Cr.	371 A.F. Avail.		Storage water avail. for augmentation.
84CW23	Butler Ditch CPD to Well	30	Elbert Cr.	.002775 cfs		Transfer from Butler D. to Augment single residence well.
85CW39	Abling Cash Ditch	30	Florida R.	.02 cfs		Transfer to Blue Spruce Well No. 1
85CW49	McClure & Murray Ditch	30	Florida R.	.01 cfs		Transfer to 7 single family domestic wells
85CW54	Mountain Rose Well #1	31	Pine River	.111 cfs		Exchange agreement with Pine River Irr. Dist.

WATER DIVISION NO. 7  
ACTIVITY SUMMARY IYR 1985

<u>ACTIVITY</u>	<u>TOTALS</u>
NUMBER OF PROFESSIONAL AND TECHNICAL STAFF	3
NUMBER OF CLERICAL STAFF	1
NUMBER OF WATER COMMISSIONER FTE ASSIGNED	12
NUMBER OF DECREED SURFACE RIGHTS	3,090
NUMBER OF SURFACE RIGHTS ADMINISTERED	22,088
NUMBER OF WELLS	317
NUMBER OF PLANS FOR AUGMENTATION	6
NUMBER OF CONSULTATIONS WITH REFEREE	209
NUMBER OF WATER COURT APPEARANCES	34
NUMBER OF MEETINGS WITH WATER USERS	133
NUMBER OF MEETINGS TO RESOLVE WATER RELATED DISPUTES	53
NUMBER OF CONTACTS TO GIVE PUBLIC ASSISTANCE ON WATER MATTERS	15,837

WATER COURT ACTIVITIES

CALENDAR YEAR 1985

NUMBER OF APPLICATIONS FOR DECREES	133
NUMBER OF CONSULTATIONS WITH REFEREE	224
NUMBER OF DECREES ISSUED BY WATER COURT	109

TYPE OF DECREE:

SURFACE WATER	73
GROUND WATER	27
RESERVOIRS	14
TRANSFER )	
ALTERNATE POINT )	4
CHANGE IN USE )	
PLANS FOR AUGMENTATION	6
IN-STREAM FLOW	34
OTHER	43

NUMBER OF STRUCTURES IN DECREES:

TYPES OF STRUCTURES:

DITCHES	33
RESERVOIRS	14
WELLS	14
OTHER (SPRINGS, PIPELINES, PUMPS, ETC.)	37

OFFICE ADMINISTRATION FYR 1985

<u>NAME</u>	<u>POSITION</u>	<u>FISCAL YEAR</u>		<u>FISCAL YEAR</u>
		<u>MONTHS BUDGETED/</u>	<u>WORKED</u>	
DARIES C. LILE	DIVISION ENGINEER	12	12	325 P
KENNETH A. BEEGLES	ASSISTANT DIVISION ENGINEER	12	12	7,536 S*
SCOTT D. BRINTON	HYDROGRAPHER, E.I.T.	12	12	869 P
ANN-LOUISE FAUTH	SENIOR SECRETARY	12	12	1,908 S*
				24,520 S

FULL TIME EMPLOYEES IN FIELD

<u>NAME</u>	<u>POSITION</u>	<u>DISTRICT</u>	<u>FISCAL YEAR</u>		<u>FISCAL YEAR</u>
			<u>MONTHS BUDGETED/</u>	<u>WORKED</u>	<u>MILEAGE</u>
WILLIAM E. BAKER	WATER COMM. B	32	12	12	10,402 P
RICHARD G. BALTZELL <u>1/</u>	WATER COMM. A	30 Florida	12	12	10,827 P
ROY M. BROWN <u>2/</u>	WATER COMM. B	78	12	12	11,347 P
IVAN DANIELSON <u>3/</u>	WATER COMM. C	30 Animas	12	12	3,602 P
GLEN E. HUMISTON <u>4/</u>	SR. WATER COMM.	32,34,69,71	12	12	17,159 S
J. RUSSELL KENNEDY <u>5/</u>	SR. WATER COMM.	33	12	12	14,425 P
WILLIAM P. LYNN	WATER COMM. C	29,77,78	12	12	7,586 P
DAVID A. NELSON <u>6/</u>	WATER COMM. A	30 Animas	1	1	341 P
LARRY NIELSEN <u>7/</u>	WATER COMM. B	77	12	12	6,568 P
LAWRENCE J. SHOCK	WATER COMM. B	31,46	12	12	15,557 P
GEROGE E. DAVIS <u>11/</u>	WATER COMM. C	30	12	6	3,596 S

PERMANENT PART TIME EMPLOYEES IN FIELD

HAL PIERCE <u>8/</u>	WATER COMM. A	31,46	1	1	1,282 P
RICHARD ROBRA <u>9/</u>	WATER COMM. A	33	1	1	996 P
SHERRY SCHUTZ <u>10/</u>	WATER COMM. A	77	1	1	898 P
JOHN J. TAYLOR	WATER COMM. A	78	<u>3.2</u>	<u>3.2</u>	<u>2,466 P</u>
	<u>TOTALS</u>		<u>160.2</u>	<u>157.2</u>	<u>87,491 P</u>

TOTAL MILEAGE FOR PERIOD

54,719 S  
142,210

\*Vehicle used by D.E. and A.D.E. as well as personnel from Denver office

- 1/ Made full time on Florida River 5/1/85 and B status
- 2/ Made full time 4/1/85
- 3/ Retired as of June 10, 1985
- 4/ Rated Sr. Water Commissioner
- 5/ Rated Sr. Water Commissioner
- 6/ Started as W.C. A 6/10/85 to take Ivan Danielson's duties on Animas River full time
- 7/ Resigned as of 6/1/85
- 8/ Started as Part Time 6/1/85 to work Pine River, Dist. 31
- 9/ Started as Part Time 6/1/85 to work La Plata River, District 33
- 10/ Started as Part Time 6/1/85 to work Navajo to fill Larry Nielsen's duties
- 11/ Retired at end of December 1984

OFFICE ADMINISTRATION FYR 1985

<u>NAME</u>	<u>POSITION</u>	<u>FISCAL YEAR</u>		<u>FISCAL YEAR</u>
		<u>MONTHS BUDGETED/</u>	<u>WORKED</u>	
DARIES C. LILE	DIVISION ENGINEER	12	12	325 P 7,536 S*
KENNETH A. BEEGLES	ASSISTANT DIVISION ENGINEER	12	12	869 P 1,908 S*
SCOTT D. BRINTON	HYDROGRAPHER, E.I.T.	12	12	24,520 S
ANN-LOUISE FAUTH	SENIOR SECRETARY	12	12	

FULL TIME EMPLOYEES IN FIELD

<u>NAME</u>	<u>POSITION</u>	<u>DISTRICT</u>				
WILLIAM E. BAKER	WATER COMM. B	32	12	12		10,402 P
RICHARD G. BALTZELL <u>1/</u>	WATER COMM. A	30 Florida	12	12		10,827 P
ROY M. BROWN <u>2/</u>	WATER COMM. B	78	12	12		11,347 P
IVAN DANIELSON <u>3/</u>	WATER COMM. C	30 Animas	12	12		3,602 P
GLEN E. HUMISTON <u>4/</u>	SR. WATER COMM.	32,34,69,71	12	12		29,829 S
J. RUSSELL KENNEDY <u>5/</u>	SR. WATER COMM.	33	12	12		14,425 P
WILLIAM P. LYNN	WATER COMM. C	29,77,78	12	12		7,586 P
DAVID A. NELSON <u>6/</u>	WATER COMM. A	30 Animas	1	1		341 P
LARRY NIELSEN <u>7/</u>	WATER COMM. B	77	12	12		6,568 P
LAWRENCE J. SHOCK	WATER COMM. B	31,46	12	12		15,557 P

PERMANENT PART TIME EMPLOYEES IN FIELD

HAL PIERCE <u>8/</u>	WATER COMM. A	31,46	1	1		1,282 P
RICHARD ROBRA <u>9/</u>	WATER COMM. A	33	1	1		996 P
SHERRY SCHUTZ <u>10/</u>	WATER COMM. A	77	1	1		898 P
JOHN J. TAYLOR	WATER COMM. A	78	3.2	3.2		2,466 P
		TOTALS	160.2	160.2		87,491 P 63,793 S
		TOTAL MILEAGE FOR PERIOD				<u>151,284</u>

\*Vehicle used by D.E. and A.D.E. as well as personnel from Denver office

- 1/ Made full time on Florida River 5/1/85 and B status
- 2/ Made full time 4/1/85
- 3/ Retired as of June 10, 1985
- 4/ Rated Sr. Water Commissioner
- 5/ Rated Sr. Water Commissioner
- 6/ Started as W.C. A 6/10/85 to take Ivan Danielson's duties on Animas River full time
- 7/ Resigned as of 6/1/85
- 8/ Started as Part Time 6/1/85 to work Pine River, Dist. 31
- 9/ Started as Part Time 6/1/85 to work La Plata River, District 33
- 10/ Started as Part Time 6/1/85 to work Navajo to fill Larry Nielsen's duties

## Appendix

WATER COMMISSIONER SUMMARY  
DISTRICT 29--1985

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	42,991
STORAGE	0
STOCKWATER	4,911
MUNICIPAL	1,431
DOMESTIC	261
INDUSTRIAL	0
RECREATIONAL	0
FISH	1,376
OTHER: COMMERCIAL	189
TRANSMOUNTAIN-TRANSBASIN	2,012
INTERSTATE	32,636
TOTAL DIVERSIONS	85,807
DELIVERIES FROM STORAGE	
IRRIGATION	0
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER	0
TOTAL FROM STORAGE	0
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	42,991
ACRES IRRIGATED	13,713
ACRE-FEET DIVERTED PER ACRE	3.14
NUMBER OF STRUCTURES OBSERVED	297
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	2
ACTIVE DIVERSIONS-DAILY	218
-INFREQUENT STRUCTURES	121
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	0
-NOT USED (A,C,D CODE)	68
-NO INFORMATION AVAILABLE (F CODE)	2
NUMBER OF DITCHES	209
NUMBER OF RESERVOIRS	41
NUMBER OF WELLS	47
NUMBER OF REPORTS	339



WATER COMMISSIONER SUMMARY  
DISTRICT 30--1985

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	152,234
STORAGE	30,295
STOCKWATER	12,638
MUNICIPAL	5,402
DOMESTIC	196
INDUSTRIAL	34,955
RECREATIONAL	610
FISH	10,237
OTHER: COMMERCIAL	1,118
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	6,830
TOTAL DIVERSIONS	254,515
DELIVERIES FROM STORAGE	
IRRIGATION	6,637
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	22,298
RECREATIONAL	46
TRANSBASIN-TRANSMOUNTAIN	0
OTHER	0
TOTAL FROM STORAGE	28,981
DELIVERIES FROM TRANSBASIN	
IRRIGATION	572
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	572
DUTY OF WATER:	
TOTAL TO IRRIGATION	159,443
ACRES IRRIGATED	34,994
ACRE-FEET DIVERTED PER ACRE	4.56
NUMBER OF STRUCTURES OBSERVED	1,028
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY	218
-INFREQUENT STRUCTURES	653
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	11
-NOT USED (A,C,D CODE)	281
-NO INFORMATION AVAILABLE (F CODE)	15
NUMBER OF DITCHES	607
NUMBER OF RESERVOIRS	72
NUMBER OF WELLS	349
NUMBER OF REPORTS	871

WATER COMMISSIONER SUMMARY  
DISTRICT 31--1985

	ACRE-FEET
<b>DIRECT DIVERSIONS</b>	
IRRIGATION	222,421
STORAGE	86,961
STOCKWATER	1,421
MUNICIPAL	652
DOMESTIC	86
INDUSTRIAL	0
RECREATIONAL	15
FISH	358
OTHER: COMMERCIAL	60
TRANSMOUNTAIN--TRANSBASIN	2,962
INTERSTATE	0
<b>TOTAL DIVERSIONS</b>	<b>314,936</b>
 <b>DELIVERIES FROM STORAGE</b>	
IRRIGATION	0
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN--TRANSMOUNTAIN	0
OTHER	1
<b>TOTAL FROM STORAGE</b>	<b>1</b>
 <b>DELIVERIES FROM TRANSBASIN</b>	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
<b>TOTAL FROM TRANSBASIN</b>	<b>0</b>
 <b>DUTY OF WATER:</b>	
TOTAL TO IRRIGATION	222,421
ACRES IRRIGATED	57,371
ACRE-FEET DIVERTED PER ACRE	3.88
 <b>NUMBER OF STRUCTURES OBSERVED</b>	
WATER RUN--NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS--DAILY	119
-INFREQUENT STRUCTURES	213
INACTIVE DIVERSIONS--NO WATER AVAILABLE (CODE B)	0
-NOT USED (A,C,D CODE)	38
-NO INFORMATION AVAILABLE (F CODE)	0
 <b>NUMBER OF DITCHES</b>	
NUMBER OF RESERVOIRS	18
NUMBER OF WELLS	121
NUMBER OF REPORTS	332

WATER COMMISSIONER SUMMARY  
DISTRICT 32--1985

	ACRE-FEET
<b>DIRECT DIVERSIONS</b>	
IRRIGATION	33,440
STORAGE	152
STOCKWATER	245
MUNICIPAL	0
DOMESTIC	15
INDUSTRIAL	0
RECREATIONAL	0
FISH	7
OTHER: COMMERCIAL	2
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	0
<b>TOTAL DIVERSIONS</b>	<b>33,861</b>
<b>DELIVERIES FROM STORAGE</b>	
IRRIGATION	17,514
DOMESTIC	0
MUNICIPAL	0
STOCK	497
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER	1
<b>TOTAL FROM STORAGE</b>	<b>18,012</b>
<b>DELIVERIES FROM TRANSBASIN</b>	
IRRIGATION	96,329
STORAGE	25,444
MUNICIPAL	3,278
STOCK	5,069
<b>TOTAL FROM TRANSBASIN</b>	<b>130,120</b>
<b>DUTY OF WATER:</b>	
TOTAL TO IRRIGATION	147,283
ACRES IRRIGATED	42,600
ACRE-FEET DIVERTED PER ACRE	3.46
<b>NUMBER OF STRUCTURES OBSERVED</b>	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	3
ACTIVE DIVERSIONS-DAILY	171
-INFREQUENT STRUCTURES	53
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	0
-NOT USED (A,C,D CODE)	58
-NO INFORMATION AVAILABLE (F CODE)	2
NUMBER OF DITCHES	246
NUMBER OF RESERVOIRS	12
NUMBER OF WELLS	19
NUMBER OF REPORTS	224

WATER COMMISSIONER SUMMARY  
DISTRICT 33--1985

	ACRE-FEET
<b>DIRECT DIVERSIONS</b>	
IRRIGATION	36,314
STORAGE	939
STOCKWATER	3,713
MUNICIPAL	10
DOMESTIC	36
INDUSTRIAL	0
RECREATIONAL	0
FISH	0
OTHER: COMMERCIAL	3
TRANSMOUNTAIN-TRANSBASIN	979
INTERSTATE	1,387
<b>TOTAL DIVERSIONS</b>	<b>43,381</b>
 <b>DELIVERIES FROM STORAGE</b>	
IRRIGATION	784
DOMESTIC	0
MUNICIPAL	0
STOCK	4
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN--TRANSMOUNTAIN	0
OTHER	2
<b>TOTAL FROM STORAGE</b>	<b>790</b>
 <b>DELIVERIES FROM TRANSBASIN</b>	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
<b>TOTAL FROM TRANSBASIN</b>	<b>0</b>
 <b>DUTY OF WATER:</b>	
TOTAL TO IRRIGATION	37,098
ACRES IRRIGATED	12,413
ACRE-FEET DIVERTED PER ACRE	2.99
 <b>NUMBER OF STRUCTURES OBSERVED</b>	
WATER RUN--NO INFORMATION AVAILABLE (E CODE)	142
ACTIVE DIVERSIONS--DAILY	3
--INFREQUENT STRUCTURES	61
INACTIVE DIVERSIONS--NO WATER AVAILABLE (CODE B)	66
--NOT USED (A,C,D CODE)	1
--NO INFORMATION AVAILABLE (F CODE)	25
	6
 NUMBER OF DITCHES	 103
NUMBER OF RESERVOIRS	9
NUMBER OF WELLS	30
TOTAL NUMBER REPORTS	127

WATER COMMISSIONER SUMMARY  
DISTRICT 34--1985

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	25,217
STORAGE	9,450
STOCKWATER	3,757
MUNICIPAL	89
DOMESTIC	12
INDUSTRIAL	0
RECREATIONAL	0
FISH	0
OTHER: COMMERCIAL	2
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	0
TOTAL DIVERSIONS	38,527
DELIVERIES FROM STORAGE	
IRRIGATION	6,168
DOMESTIC	0
MUNICIPAL	5
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER	0
TOTAL FROM STORAGE	6,173
DELIVERIES FROM TRANSBASIN	
IRRIGATION	700
STORAGE	47
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	747
DUTY OF WATER:	
TOTAL TO IRRIGATION	32,085
ACRES IRRIGATED	11,698
ACRE-FEET DIVERTED PER ACRE	2.74
NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	112
ACTIVE DIVERSIONS-DAILY	0
-INFREQUENT STRUCTURES	117
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	22
-NOT USED (A,C,D CODE)	1
-NO INFORMATION AVAILABLE (F CODE)	10
	0
NUMBER OF DITCHES	93
NUMBER OF RESERVOIRS	11
NUMBER OF WELLS	8
NUMBER OF REPORTS	139

WATER COMMISSIONER SUMMARY  
DISTRICT 46--1985

	ACRE--FEET
<b>DIRECT DIVERSIONS</b>	
IRRIGATION	5202
STORAGE	0
STOCKWATER	2
MUNICIPAL	0
DOMESTIC	0
INDUSTRIAL	0
RECREATIONAL	1111
FISH	0
OTHER: COMMERCIAL	2
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	0
<b>TOTAL DIVERSIONS</b>	<b>6317</b>
 <b>DELIVERIES FROM STORAGE</b>	
IRRIGATION	0
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN--TRANSMOUNTAIN	0
OTHER	0
<b>TOTAL FROM STORAGE</b>	<b>0</b>
 <b>DELIVERIES FROM TRANSBASIN</b>	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
<b>TOTAL FROM TRANSBASIN</b>	<b>0</b>
 <b>DUTY OF WATER:</b>	
TOTAL TO IRRIGATION	5202
ACRES IRRIGATED	1669
ACRE--FEET DIVERTED PER ACRE	3.12
 <b>NUMBER OF STRUCTURES OBSERVED</b>	
WATER RUN--NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS--DAILY	30
-INFREQUENT STRUCTURES	2
INACTIVE DIVERSIONS--NO WATER AVAILABLE (CODE B)	2
-NOT USED (A,C,D CODE)	2
-NO INFORMATION AVAILABLE (F CODE)	0
 NUMBER OF DITCHES	 40
NUMBER OF RESERVOIRS	1
NUMBER OF WELLS	0
NUMBER OF REPORTS	32

WATER COMMISSIONER SUMMARY  
DISTRICT 69--1985

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	5630
STORAGE	188
STOCKWATER	0
MUNICIPAL	0
DOMESTIC	1
INDUSTRIAL	0
RECREATIONAL	0
FISH	0
OTHER: COMMERCIAL	0
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	0
TOTAL DIVERSIONS	5819
DELIVERIES FROM STORAGE	
IRRIGATION	0
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER	0
TOTAL FROM STORAGE	0
DELIVERIES FROM TRANSBASIN	0
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	5630
ACRES IRRIGATED	1264
ACRE-FEET DIVERTED PER ACRE	4.45
NUMBER OF STRUCTURES OBSERVED	30
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	17
-INFREQUENT STRUCTURES	4
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	0
-NOT USED (A,C,D CODE)	15
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES	24
NUMBER OF RESERVOIRS	5
NUMBER OF WELLS	1
NUMBER OF REPORTS	21

WATER COMMISSIONER SUMMARY  
DISTRICT 71--1985

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	4,807
STORAGE	159,918
STOCKWATER	176
MUNICIPAL	430
DOMESTIC	50
INDUSTRIAL	5
RECREATIONAL	0
FISH	0
OTHER: COMMERCIAL	26
TRANSMOUNTAIN--TRANSBASIN	117,568
INTERSTATE	0
TOTAL DIVERSIONS	282,980
DELIVERIES FROM STORAGE	
IRRIGATION	101
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN--TRANSMOUNTAIN	19,438
OTHER	0
TOTAL FROM STORAGE	19,539
DELIVERIES FROM TRANSBASIN	0
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	4,908
ACRES IRRIGATED	1,458
ACRE-FEET DIVERTED PER ACRE	3.37
NUMBER OF STRUCTURES OBSERVED	173
WATER RUN--NO INFORMATION AVAILABLE (E CODE)	3
ACTIVE DIVERSIONS--DAILY	52
--INFREQUENT STRUCTURES	79
INACTIVE DIVERSIONS--NO WATER AVAILABLE (CODE B)	2
--NOT USED (A,C,D CODE)	59
--NO INFORMATION AVAILABLE (F CODE)	12
NUMBER OF DITCHES	124
NUMBER OF RESERVOIRS	12
NUMBER OF WELLS	37
NUMBER OF REPORTS	131



WATER COMMISSIONER SUMMARY  
DISTRICT 77--1985

	ACRE-FEET
<b>DIRECT DIVERSIONS</b>	
IRRIGATION	19,316
STORAGE	39
STOCKWATER	770
MUNICIPAL	0
DOMESTIC	17
INDUSTRIAL	0
RECREATIONAL	0
FISH	2,190
OTHER: COMMERCIAL	2
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	53,748
<b>TOTAL DIVERSIONS</b>	<b>76,082</b>
<b>DELIVERIES FROM STORAGE</b>	
IRRIGATION	8
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER	1,290
<b>TOTAL FROM STORAGE</b>	<b>1,298</b>
<b>DELIVERIES FROM TRANSBASIN</b>	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
<b>TOTAL FROM TRANSBASIN</b>	<b>0</b>
<b>DUTY OF WATER:</b>	
TOTAL TO IRRIGATION	19,324
ACRES IRRIGATED	4,492
ACRE-FEET DIVERTED PER ACRE	4.30
<b>NUMBER OF STRUCTURES OBSERVED</b>	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	116
ACTIVE DIVERSIONS-DAILY	0
-INFREQUENT STRUCTURES	75
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	27
-NOT USED (A,C,D CODE)	0
-NO INFORMATION AVAILABLE (F CODE)	20
	1
NUMBER OF DITCHES	87
NUMBER OF RESERVOIRS	17
NUMBER OF WELLS	12
NUMBER OF REPORTS	102

WATER COMMISSIONER SUMMARY  
DISTRICT 78--1985

	ACRE-FEET
<b>DIRECT DIVERSIONS</b>	
IRRIGATION	24,779
STORAGE	289
STOCKWATER	3,386
MUNICIPAL	7
DOMESTIC	82
INDUSTRIAL	0
RECREATIONAL	0
FISH	1,750
OTHER: COMMERCIAL	105
TRANSMOUNTAIN-TRANSBASIN	700
INTERSTATE	0
<b>TOTAL DIVERSIONS</b>	<b>31,098</b>
 <b>DELIVERIES FROM STORAGE</b>	
IRRIGATION	179
DOMESTIC	0
MUNICIPAL	567
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER	29
<b>TOTAL FROM STORAGE</b>	<b>775</b>
 <b>DELIVERIES FROM TRANSBASIN</b>	
IRRIGATION	663
STORAGE	0
MUNICIPAL	0
STOCK	0
<b>TOTAL FROM TRANSBASIN</b>	<b>663</b>
 <b>DUTY OF WATER:</b>	
TOTAL TO IRRIGATION	25,621
ACRES IRRIGATED	8,260
ACRE-FEET DIVERTED PER ACRE	3.10
 <b>NUMBER OF STRUCTURES OBSERVED</b>	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	192
ACTIVE DIVERSIONS-DAILY	3
-INFREQUENT STRUCTURES	98
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	52
-NOT USED (A,C,D CODE)	2
-NO INFORMATION AVAILABLE (F CODE)	36
	8
NUMBER OF DITCHES	153
NUMBER OF RESERVOIRS	22
NUMBER OF WELLS	17
NUMBER OF REPORTS	150