

ANNUAL REPORT

1985 - Water Year

Irrigation Division No. IV

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ANNUAL WATER DIVISION ENGINEER'S REPORT

Irrigation Division Four

CURRENT WATER YEAR:

The following report outlines Division Four's water administration activities for the 1985 irrigation year and also identifies routine and anticipated water administration activities for 1986. This report is intended to highlight the activities that are considered significant beyond the normal annual responsibilities of Division Four. Water administration, staff workload distribution, water supply, budget attentions, and all other routine activities were addressed in the manner that was adequate to meet the overall duties of this office throughout 1985.

During 1985, the division staff continued to improve their response to water right applications and various concerns of the Division Water Court. One of the major accomplishments was the processing and completion of all of the 1984 water right abandonment activities. This involved 334 individual water rights owned by more than 120 different individuals. Protests were filed in 123 cases. All of these proposed abandoned water rights were either abandoned by the court by the absence of protests to the court or settled through negotiations with the water right owner or litigation through the water court. In reviewing the activities that have taken place concerning the water right abandonment, the division staff did an outstanding job in the many activities pertaining to the abandonment process. These activities were accomplished along with the normal workload and without adverse affect to the water administration in Division Four. This division continues to meet necessary deadlines as required by the Water Court and usually was able to respond in a timely manner to all requests from the State Engineer's office, private consultants, attorneys and various water users.

The field personnel have an ongoing improvement of communication with reservoir owners, and emphasis on this particular area of responsibility has been evident in the completion of all assigned reservoir inspections by water commissioners and division staff. Improved communication between the division staff, water using public, and the Denver Dam Safety Branch is considered an additional accomplishment for 1985.

Division Four office is the principal source for diversion data and water decree information. Water user groups, conservancy districts, large canal companies, state and federal governments, land developers, attorneys, and consulting engineers are regular visitors to the field commissioners' homes and the division office. Their requests concern all aspects of water administration and water use throughout the division. The division staff is involved in "water meetings" with various entities concerning administration, dam safety, water diversion control structures, and other miscellaneous activities.

The association with the Division Water Court continues to require considerable time, mileage, and effort on the part of the division staff in order to evaluate and make recommendations through the consultation process.

This year's workload was approximately the same as 1984, and the quality of the field and consultation reports continues to improve. The Water Court relies usually very strongly on the recommendations of the field water officials, and the association with the Water Court continues to be excellent. The Water Court normally accepts this office's recommendations without reservation. Again, as in years past, the importance of good, accurate diversion records are emphasized, as the need to verify water diversions and irrigated acreage relative to change of water rights and plans of augmentation are required by the Water Court.

It is impossible to visit all diversion structures during the irrigation season. It is necessary that water user reports be identified as an official record and in some instances the water official must make choices as it relates to securing diversion records or attention to other water administrative concerns. Water Commissioners continue to experience increased demands and very often insufficient time to attend to all the responsibilities of their job. The water using public is requiring better diversion records, and in some cases, due to personnel and time limitations, little improvement in overall water administration was recorded in 1985.

During 1985, the division was not able to make significant progress in the mapping of irrigated acreage. This was due in part to the additional time required by the abandonment proceedings. In addition to that, budget limitations made it necessary to reduce field mileage and working time for the field staff.

In the past ten years, increases in division staff have been very limited and the field commissioners are not able to always keep up with new water rights. These new decrees have in some instances nearly doubled their field workload, and the commissioner staff and allocated time have not increased accordingly. Many of the new, along with some of the old, water rights are not identified adequately in the annual diversion records.

Budget restrictions have limited off-season attention to water diversion administration records throughout the entire division. Because many of Division Four's personnel are part-time employees, and with the ongoing responsibilities assigned to the annual employees, attention to winter diversion records and administration has been kept at a minimum. The records resulting from these activities are considered marginal at best. Division mileage allocations have limited travel during the winter months for some of the full-time employees and this has resulted in the reduced work on special projects in the division. Salary allocations to part-time employees for the division generally met the minimum need to fund the regular part-time employees for the irrigation season. The reassignment and consolidation of two part-time employees in the Cedaredge area have been implemented for two irrigation seasons. This particular change of duties seems to have worked to the satisfaction of all concerned and what was considered a controversial action in 1984 is accepted as standard procedure. It should also be noted that the past two seasons generally had sufficient water supply to meet all water users' needs.

Additional personnel changes are planned as retirements take place or employees resign. It is anticipated that over the next five years, there will be further changes of responsibilities of water officials throughout

the division. It is also anticipated that with the implementation of these changes, a more equitable distribution of workload will be made and the budget distribution should more nearly meet the needs of Division Four.

1986 WATER YEAR:

Water right filings continue to have time and budget impact throughout Division Four. This is not considered a negative impact; however, it requires planning and setting of work priorities by all employees. These activities affect the majority of the division staff and require additional field attention in the areas where heavy filings take place, i.e., Upper Gunnison Basin, parts of San Miguel drainage (Telluride area), upper Uncompahgre drainage, and many areas throughout District 40. The required special attention and administration of water right augmentation plans are adding additional workload to field personnel and division office staff.

Another concern to division operations is the completion of the Ridgway Dam in the summer of 1986. This office is involved in negotiations with the Bureau of Reclamation relative to establishing a gaging station and the necessary measuring devices to monitor and control the releases from Ridgway Dam. This reservoir should be ready to store water in the spring of 1987 with a tentative schedule of filling the reservoir to maximum storage by 1990. An always present concern is the ongoing improvements of diversion records, measuring devices and diversion structures. Improvement seems to be appropriate in some areas throughout the division, and as a higher quality of diversion records are demanded, upgrading of these structures becomes more important. Winter diversion records will only be attended to on an as-needed or minimal basis. Hopefully, there will be some continued improvement. However, due to budget restraints and the lack of work-time for many of the division employees, winter administration activities will continue to be very limited. Other proposed winter activities, including the consumptive use mapping and the checking and entering of new water rights into the tabulation, will be attended to as time and resources are available with the greater priority given to updating the water rights tabulation.

Plans will be made during the winter season to improve the water administration activities for the 1986 irrigation season with particular attention given to the record-keeping and accounting procedures that relate to the large government reservoir projects. Additional activity will be in identifying and increasing the diversion records of an additional ten per cent of the water rights not presently considered for active administration throughout the division.

Division Four will continue to work toward improvement of water administration and diversion record-keeping throughout the 1986 season, to keep as current as possible in the ongoing review and consultation of new water right applications with the Water Court, to pick up and conclude water right cases that are outstanding for more than one year, to continue an ongoing instruction process with field personnel concerning their water administrative and record-keeping responsibilities, to be sensitive to the public concerns as they relate to the water user, and respond in an accurate and timely fashion.

The major objective during 1986 includes refining the recently installed satellite monitoring system and better utilizing the computer equipment that is now part of Division Four's office equipment. It is hoped that all key personnel, both office and field, will have a working knowledge of this computer equipment in order to access remote gaging terminals as needed. To reach this particular objective, it is anticipated that a formal instructional program will be instituted with the various staff members being involved in classes throughout the winter months and during the irrigation season as necessary. The division is particularly pleased with the progress of the computer satellite monitoring system. At present, we are monitoring fifteen gaging stations, eight of which have been installed through the state program. The remainder are on line through the U.S.G.S. The addition of the Wang computer system for the office has been a major asset. The developing skills to access the main computer terminal in the Denver office has caused frustrations and it is anticipated this will continue; however, considering the overall objectives of a year ago, the division considers the growth in learning to use this tool as one of the outstanding achievements of the 1985 water year. We are particularly pleased with the ability of Jean Kurtz, division secretary, in utilizing the computer and the ongoing involvement of Chuck David in the role as lead "in-house expert". Other members of the division staff have developed some limited skills in using this equipment, and it is felt that, as abilities and programs develop, these tools will be utilized more each month.

RECOMMENDATIONS:

It is anticipated that there will be some change in water administration policies of Division Four during 1986. The division will continue to meet the needs of the water using public and also improve the response to the directions and instructions of the State Engineer. Several areas that will be emphasized to a greater extent in 1986 include an ongoing established program in monitoring and enforcing reservoir restrictions throughout the division. Division Four has approximately 50 reservoir restrictions. By the end of the 1985 irrigation season, all of these reservoirs were checked and marked (pegged) to their restricted elevation. Inspection of these structures, and monthly reports of their status, with constant communications between the reservoir owners and the Dam Safety Branch of the State Engineer's office will be an ongoing process. In addition to dam safety, the division plans to have improved field inspections and reports of water right applications during the year. During 1985, field inspections were made for all water right applications and a field report was included in the consultation process with the Water Referee. The Division Water Court has been very receptive to the input from the field commissioners and the division office staff. The division office will continue to work toward improving communications between the division office and the Denver office of the Division of Water Resources.

The retirement of Water Commissioner Lester Whiting will require the recruitment of a replacement to begin during spring 1986. Several members of the field staff are now approaching age 70 and this office is beginning to consider replacements, realignment of personnel and better utilization of the total work force as these various opportunities arise. The turnover in water

officials has reduced considerably in the last year or so which in part reflects the general economy of this area. All types of jobs are difficult to find. Many major employers have reduced personnel or totally ceased operation. Additional goals for 1986 include the improvement of the planning review of division employees under the PACE system. At the present time, the attention given to this activity has been less than adequate. It is hoped that by greater attention to this need, the intent of this reviewing process will have positive impact upon the personnel of the division.

Division Four continues to be slightly under-funded in the areas of operating and travel expenses. The total allocation of man-months for part-time employees is near what is considered necessary to maintain the present level of water administration. However, there is no ability to address the annual leave needs or the payoff as it relates to retiring employees. The budget does not allow for any additional needs such as special work during the winter season, early spring administration, or late fall administration.

Division Four's policy is to minimize the necessity of litigation as much as possible through close communication with the State Engineer's office, the Water Court, and the various water user applicants. It is anticipated that only a few cases during 1986 may be subject to the legal process. At this time, there is one deep water well right application that has been opposed by the State Engineer. The division office finds it is being more involved in "defending" the Referee's Rulings. The Water Judge has indicated he will not require an attorney to be present during these hearings; however, he strongly urges the Division Engineer to be represented by the Attorney General in any matter that is considered legally complex. There has been an increase in the number of protests to the Referee's Rulings and it is anticipated that at least fifteen additional protests will be filed this year and approximately half of these will require assistance from the Attorney General.

In the spring of 1986 replacement will be necessary for Lester Whiting, Water Commissioner "B", who worked in the Kannah Creek area for the past eleven years. This is a seven-month part-time job and it is not anticipated that there will be any difficulty in securing candidates for this position. There is always a possibility of other changes, but at this writing there is no anticipated personnel changes. It is possible that there may be additional retirements during 1986. However, there is no specific indications at this time.

Budget allocations for 1985-86 are slightly less than what is necessary to adequately fund at the level of 1984-85. Presently, the division is approximately \$2,500 short on mileage and \$1,000 short in operating expenses. Depending upon the spring weather conditions and the need for regular seasonal employees, it is possible that there will be enough part-time FTE's to finish out this fiscal year without any shortfall.

This will not allow any additional time for special needs or winter work projects that have been curtailed during the last few years. It is recommended that Division Four be considered for an increase of ten per cent in the annual mileage allocation, or approximately \$38,000 for the 1986-87 fiscal year, and also an addition of six months for regular part-time employees to address the annual leave, holiday leave, and emergency needs during the non-irrigation season throughout the division.

Litigation in Division Four continues to be a minor item due greatly in part to its close association with the Water Referee and the Water Court. Usually the Water Referee concurs with the division's recommendation concerning water right applications and, in some instances where differences occur, these are normally worked out prior to the Referee's Ruling. There appears to be more activity recently as it relates to the objections to the Referee's Rulings and in some of these instances, it is necessary that the division request assistance from the Attorney General's office. It is anticipated that we can expect approximately six cases of this sort during the 1986 calendar year. Often these can be handled by a telephone call, although, in some instances, the Water Court requests that the Division Engineer obtain representation through the A.G.'s office. This activity should not have a great impact in terms of budget for the remainder of the 1985-86 fiscal year or during the 1986-87 fiscal year.

During 1985, the Well Driller Inspector Roy D. Steffens, who was located in Montrose, retired. This was one of the positions that was eliminated during the 1985-86 fiscal year and it is recommended this position be considered for reinstatement. However, within Division Four, some of the activities that were performed by Roy Steffens are now being taken care of by Dwayne Mansker, Well Commissioner for Division Four. It is possible that his position could be considered for upgrading and be able to handle the bulk of the well driller inspection responsibilities for all of Division Four and parts of the adjoining irrigation divisions.

Budget priorities to be considered during 1986 would be the funding of the recommended promotions of various field water commissioner staff. Other needs would include the increasing of the division mileage allocation and division operating fund allocation. The division is now operating an office staff car with approximately 120,000 miles. This will be an expensive vehicle to operate and the replacement of this vehicle should be considered as a high priority item.

It is time to develop contingency plans concerning the division offices since Montrose County Commissioners are beginning to look at our division office with a certain amount of covetousness. The initial rent costs are charged to a different fund, but the associated cost of moving an office of this size could easily run into \$1,000 or more. I have been assured by the County Commissioners that we will have sufficient notice once the request to move has been made.

This office continues to recommend the ongoing formal and informal training programs that have been conducted during the past several years. It is recommended that a follow-up seminar be held in the areas of dam safety, computer instruction and operation, ground water wells, well permits and ground water considerations, and other technical and semi-technical areas that relate to the division responsibilities. It is also recommended that the Division of Water Resources conduct annual seminars for the division secretaries to cover particular areas of their responsibilities, afford an opportunity to have contact with the State Engineer's office staff, and spending hands-on time with those responsible for computer multi-plan and word processing equipment.

STATISTICAL INFORMATION:

Office administration for Division Four during 1985 involved the changing of the Division Engineer. This particular change was accomplished with minimal difficulty. Much of the routine division activities remained the same; however, there are some programs that are being implemented that we anticipate will indicate change in the coming 1986 season. This office continues to direct and advise the general public in all areas of water related matters. This includes water well applicants, help with routine water right applications, interpretation of water decrees and explanation of the various policies of the State Engineer.

During 1985, many of the tributary streams to the Gunnison River and other major tributaries had some river calls. The Uncompahgre River had requests ("call") from the Uncompahgre Valley Water Users Association. Kannah Creek, tributaries to the North Fork of the Gunnison, and parts of the San Miguel were under "call" during parts of the 1985 irrigation season. There was no administration involvement in the delivery of water to the Colorado River Water Compacts.

During 1985, additional plans of augmentation were decreed. Because of the general abundance of water supply, there was little administration of these plans of augmentation throughout the division. One of the priorities for activities during 1986 is to better identify the administration and record-keeping on the active plans of augmentation, and this office has already taken steps to record ground water diversions for the major augmentation plans in order to be ready to administer these plans during time of river call when injury would occur.

TRANSMOUNTAIN DIVERSIONS: (See table page 8)

STORAGE WATER (See table page 9-13)

WATER DIVERSIONS: (See table page 14, 15)

COURT ACTIVITIES: (See table page 16)

TABLE OF ORGANIZATION: (See table page 17)

1985 TRANSMOUNTAIN DIVERSIONS SUMMARY - INFLOWS

WD	NAME	RECIPIENT		PREVIOUS IYR AF	IYR OF RECORD AF	IYR OF RECORD DAYS	WD	SOURCE
		STREAM	STREAM					
28	None							
40	Leon Lake Tunnel	Surface Creek		1,923	118	1,499	89	72 Leon Creek
41	None							
42	None							
59	None							
60	None							
61	None							
62	None							
63	None							
68	Carbon Lake Ditch	Uncompahgre River		0	0	0	0	30 Animas River Tributary
	Red Mountain Ditch	Uncompahgre River		0	0	0	0	30 Mineral Creek
73	None							
TOTAL				1,923		1,499		

1985 RESERVOIR STORAGE SUMMARIES

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR		BEG. IYR		IYR OF RECORD		END IYR		
			BEG. IYR	MAX STORED	BEG. IYR	MAX STORED	BEG. IYR	MAX STORED			
			AF	%	AF	%	AF	%	AF		
MAJOR											
40	Sackett Reservoir	Surface Creek	62	57	108	100	51	47	108	100	79
40	Scotland Peak Reservoir	Ward Creek	0	0	134	45	0	0	164	54	134
40	Sheep Lake Reservoir	Ward Creek	120	78	153	100	127	83	153	100	149
40	Spatafore Reservoir	Muddy Creek	0	0	100	100	0	0	100	100	0
40	Todd Reservoir	McDonald Creek	100	63	160	100	81	51	200	125	70
40	Trio Reservoir	Surface Creek	63	38	164	100	50	30	164	100	147
40	Twin Lake Reservoir #1	Surface Creek	68	51	134	100	10	7	90	67	8
40	Twin Lake Reservoir #2	Surface Creek	43	24	126	70	20	11	132	74	9
40	Tyler Reservoir	Surface Creek	110	65	169	100	85	50	169	100	80
40	Upper Hotel Lake Res.	Iron Creek	110	100	110	100	82	75	111	101	75
40	Vela Reservoir	Ward Creek	245	56	437	100	235	54	383	88	247
40	Ward Creek Reservoir	Surface Creek	158	56	284	100	161	57	284	100	252
40	Weir & Johnson #2 Res.	Surface Creek	488	77	631	100	455	72	631	5	280
40	West #1 Reservoir	Jay Creek	177	39	450	100	450	100	450	100	0
40	Williams Creek Res.	Muddy Creek	80	80	100	100	100	100	100	100	10
40	Willow Reservoir	Leroux Creek	0	0	128	100	0	0	128	100	0
40	Womack #1 Reservoir	Ward Creek	106	51	202	98	79	38	202	98	86
40	Womack #2 & #3 Res.	Kiser Creek	45	29	156	100	8	5	128	82	3
40	Young Creek Res #1 & #2	Youngs Creek	521	65	797	100	553	69	797	100	483
40	Young Creek Res. #3	Youngs Creek	76	38	200	100	7	4	193	97	112
40	Y & S Reservoir	Surface Creek	124	66	189	100	51	27	190	101	108
OTHER											
40	VARIOUS		1,022	27	2,818	75	1,033	28	3,746	100	1,772
MAJOR											
41	Buckhorn Reservoir	Beaton Creek	206	83	247	100	238	96	247	100	206
41	Fairview Reservoir	(Imported Water)	400	100	400	100	400	100	400	100	400
41	Garnet Mesa Reservoir	Uncompahgre River	1,372	100	1,372	100	1,372	100	1,372	100	1,372
OTHER											
41	Various		45	36	126	100	45	36	126	100	0

1985 RESERVOIR STORAGE SUMMARIES

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR		IYR OF RECORD		BEG. IYR	BEG. IYR	MAX STORED	MAX STORED	END IYR
			AF	%	AF	%					
MAJOR											
42	Anderson #1 Reservoir	Kannah Creek	413	89	466	100	386	83	466	100	293
42	Anderson #2 Reservoir	Kannah Creek	165	29	568	100	158	28	568	100	272
42	Anderson #6 Reservoir	Kannah Creek	80	80	100	100	0	0	100	100	0
42	Bolen Reservoir	Kannah Creek	256	48	535	100	235	44	535	100	218
42	Bolen Anderson Res.	Kannah Creek	60	20	293	100	0	0	293	100	160
42	Carson Reservoir	Kannah Creek	637	100	637	100	637	100	637	100	637
42	Deep Creek Reservoir #2	Kannah Creek	0	0	350	100	0	0	350	100	0
42	Dry Cr. Res. (Chambers)	Kannah Creek	5	2	230	100	0	0	230	100	0
42	Flowing Park Reservoir	Kannah Creek	0	0	782	100	0	0	782	100	50
42	Fruita Reservoir #1	No. Fk. East Creek	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD
42	Fruita Reservoir #2	No. Fk. East Creek	0	0	0	0	0	0	0	0	0
42	Fruita Reservoir #3	No. Fk. East Creek	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD
42	Grand Mesa #1 Res.	Kannah Creek	222	64	348	100	70	20	348	100	50
42	Grand Mesa #6 Res.	Kannah Creek	0	0	230	100	0	0	230	100	0
42	Grand Mesa #8 Res.	Kannah Creek	0	0	0	0	0	0	0	0	0
42	Grand Mesa #9 Res.	Kannah Creek	0	0	153	100	0	0	153	100	0
42	Hollenbeck #1 Reservoir	Kannah Creek	645	95	680	100	563	83	680	100	541
42	Hollenbeck #2 Reservoir	Kannah Creek	81	16	503	100	87	17	503	100	68
42	Juniata Reservoir	Kannah Creek	6,723	100	6,723	100	6,385	95	6,723	100	3,987
42	Mirror Lake	No. Fk. East Creek	120	63	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD	NO RCD
42	Scales No. 1	Kannah Creek	0	0	130	100	0	0	130	100	0
42	Scales No. 2	Kannah Creek	0	0	101	100	0	0	101	100	0
42	Somerville Reservoir	Whitewater Creek	0	0	837	100	0	0	837	100	130
MAJOR											
59	Taylor Reservoir	Taylor River	68,240	63	108,100	100	71,814	66	108,100	100	70,230
59	Spring Creek	Spring Creek	820	50	1,630	100	650	40	1,630	100	836
59	Rainbow Lake	Willow Creek	60	50	120	100	0	0	120	100	88
59	Meridian Lake	Slate River	320	64	500	100	250	50	500	100	396
OTHER											
59	Various		10	67	15	100	0	0	15	100	0

1985 RESERVOIR STORAGE SUMMARIES

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR		BEG. IYR		IYR OF RECORD					
			BEG. IYR AF	%	MAX STORED AF	%	BEG. IYR AF	%	MAX STORED AF	%	END IYR AF	
	MAJOR											
60	Gurley Reservoir	Beaver Creek	3,866	40	9,730	100	5,112	53	9,730	100	2,584	
60	Lilylands	Naturita Creek	191	39	494	100	110	22	494	100	110	
60	Lone Cone	Naturita Creek	530	38	1,400	100	760	54	1,400	100	530	
60	Miramonte Reservoir	Naturita Creek	4,966		4,966		4,966	72	4,966	72	4,966	
60	Trout Lake	San Miguel River	2,850	84	3,382	100	3,111	92	3,382	100	2,357	
60	Paxton Reservoir	Horsefly Creek	487	54	898	100	306	34	898	100	504	
	OTHER											
60	Various		0	0	24	100	0	0	24	100	0	
	MAJOR											
61	Buckeye Reservoir	Stateline Ditch	1,300	76	1,700	100	1,300	76	1,700	100	500	
	OTHER											
61	Various		60	35	170	100	170	100	170	100	170	
	MAJOR											
62	Blue Mesa Reservoir	Gunnison River	695,800	84	669,400	81	767,700	93	797,200	97	693,800	
62	Morrow Point Reservoir	Gunnison River	109,800	94	115,900	99	115,300	99	117,900	101	112,700	
62	Crystal Reservoir	Gunnison River	14,230	78	18,200	100	17,510	96	19,400	107	17,010	
62	Silverjack Reservoir	Big Cimarron	4,865	36	13,600	100	5,670	42	13,600	100	8,620	
62	San Cristobal Reservoir	Big Cimarron	9,786	100	9,786	100	9,786	100	9,786	100	9,786	
62	Fish Creek No. 1 Res.	Big Cimarron	85	59	143	100	0	0	143	100	0	
62	Fish Creek No. 2 Res.	Big Cimarron	325	62	522	100	0	0	522	100	0	
62	Soderquist Reservoir	Willow Creek	85	52	165	100	65	39	165	100	65	
62	Arrowhead Reservoir	Big Blue Creek	25	8	65	22	25	8	100	33	25	
62	High Park Lake	Big Cimarron	100	24	400	95	85	20	310	73	26	
	MAJOR											
63	Burg Reservoir	West Creek	0	0	122	100	0	0	122	100	0	
63	Casement Reservoir	West Creek	0	0	155	100	0	0	155	100	0	
63	Casto	West Creek	0	0	171	100	0	0	171	100	68	
	OTHER											
68	Various		191	67	222	78	192	68	283	100	203	

1985 WATER DIVERSIONS BY DISTRICT

DIV 4

WD	TOTAL DITCHES REPORTING			ESTIMATED NUMBER OF DITCH VISITATIONS	TOTAL DIVERSIONS - AF -	TOTAL DIVERSIONS TO STORAGE - AF -	TOTAL DIVERSIONS - AF -	IRRIGATION		
	ACTIVE NWA	INACTIVE NU	NR					NUMBER OF ACRES IRRIGATED	AVERAGE AF PER ACRE	
28	363	0	52	55	1,072	243,547	1,901	245,448	34,391	7.14
40	716	0	62	890	20,645	462,834	46,729	486,921	120,210	4.05
41	79	0	0	147	2,441	*868,692	5,715	657,807	109,890	5.99
42	92	0	26	94	3,142	27,068	1,968	29,037	8,352	3.48
59	201	0	22	39	2,666	248,671	63,040	311,711	35,220	8.85
60	383	0	183	100	2,577	106,641	19,503	153,495	29,750	5.16
61	65	0	61	8	1,355	13,024	2,717	11,723	3,644	3.22
62	218	0	125	335	1,074	**4,628,826	468,245	110,524	39,250	2.82
63	78	0	6	66	798	20,625	87	20,712	2,887	7.17
68	167	0	87	317	1,565	102,966	338	96,438	23,686	4.07
73	68	0	3	22	508	10,824	0	10,824	2,553	4.24
TOTAL	2,430	0	627	2,073	37,843	6,733,718	610,243	2,134,640	409,833	5.21

*This includes 191,108 AF imported water through the Gunnison Tunnel. This amount consists of 5,049 AF diverted from WD-62 for municipal use and 186,049 AF for irrigation.

**This includes 4,268,004 AF diverted through the turbines of the Curecanti units.

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

DIV 4

WD	TRANSMTN OUTFLOW	TRANSBASIN OUTFLOW	STOCK	MUNICIPAL	DOMESTIC	INDUSTRIAL	RECREATION	FISHERY	COMMERCIAL
28	775					1,102	1,441		
40	2,483	591	20,524	6,024	323	89,146	5,263		0
41			8,967	5,581		1,548	1,460		
42	523,174		1,007		88	5,118			
59				7,495		334	62,484		
60		2,033	583	3,172	625	910	24,725	1,485	22,139
61			1,048		201		1,700		
62	1,420	253,307	0	6,036			954,382		4,268,004
63			1,785		127				
68		470	6,393	222	335		45	30	2,090
73			205		12				
TOTAL	527,852	256,401	40,512	28,530	1,711	1,244	1,140,250	9,679	4,292,233

WATER COURT ACTIVITIES

No. Applications for Decrees	308
No. Structures Abandoned (Non-Contested)	160
No. Structures Abandoned (Contested)	37
Proposed Abandonments Deleted	95
No. Consultations with Referee	589
No. Decrees Issued by Water Court	336

Type of Decree

Surface Water	286
Ground Water	49
Reservoir	54
Transfer	0
Alternate Point	3
Change of Use	0
Plan Augmentation	7
In-Stream Flow	36
No. Structures in Decrees	545

Types of Structures

Ditches	362
Reservoirs	88
Wells	94

TABLE OF ORGANIZATION - PERSONNEL

IRRIGATION DIVISION NO. 4

Division Engineer - Thomas A. Kelly
Assistant Division Engineer - Ralph V. Kelling
Secretary - Jean Kurtz
Hydrographer - Charles G. David

Water District 28

WATER COMMISSIONER
John S. Garber

Water District 40

PR. WATER COMMISSIONER
*Richard L. Drexel

Water District 41

WATER COMMISSIONER
Crandall Howard

SR. WATER COMMISSIONER
*Robert H. Starr

Water District 42

SR. WATER COMMISSIONER
*Richard Belden

WATER COMMISSIONER
Lester Whiting

WATER COMMISSIONERS

Tim Crosby
Willard N. Bull
Mack Gorrod
Henry LeValley
Albert Mahannah
Kenneth Mahannah
John L. McHugh
James Miller
L. Gregg Scott
Charles E. Stein
Stephen W. Tuck
Charley E. Woolley

Water District 59

WATER COMMISSIONER
*Edwin S. Hofmann

WATER COMMISSIONER
Robert Drexel

Water District 60

WATER COMMISSIONER
Lyman D. Campbell

Water District 61

WATER COMMISSIONER
Clinton L. Oliver

Water District 62

WATER COMMISSIONER
Edwin S. Hofmann

Water District 63

SR. WATER COMMISSIONER
*Richard Belden

Water District 68

WATER COMMISSIONER
*H. Roger Noble

Water District 73

SR. WATER COMMISSIONER
Richard Belden

WELL COMMISSIONER
*Dwayne Mansker

*Annual