ANNUAL REPORT WY 1983

WATER DIVISION V

1983 will probably be remembered by most in Division 5 as the year ushering in a new era, a beginning of change in water administrative practices.

Division personnel began to involve themselves with water court decisions, impacting them in a positive direction for the good of all water users. This included meetings with applicants, attorneys, and court personnel, not always without tension, but very effective. When needed, supportive backing by the State Engineer, his staff, and attorneys made these changes possible.

The Division office was made more open and friendly. With the personnel more available, they began to provide the water-using public a service. They answered questions pertaining to such things as water administration, augmentation plan development, and well permit applications.

This staff availability, however, was limited to the Division office staff as economic considerations for field personnel narrowed the scope of their operations considerably. Travel and operating expenditures were severely curtailed with only 45% of the budgeted amount being spent. This meant that a lot of people were staying off the road, limiting their personal contacts and diminishing the overall quantity and quality of their administration. The records suffered a similar fate.

The compilation of water rights tabulation ground on with District 37 and 45 being nearly completed. Many refinements to the water district 72 tabulation were generated and most new decrees in 1983, as well as for several years prior, were tabulated for all districts.

Some of the other accomplishments for the year were: the installation of a filing system including provisions for keeping and tracking water court applications and other related information; decree books and indices for same were fairly well completed for approximately 30,000 pages of water decrees; a count and listing of augmentation plans was generated; the hydrographic records for the division continue to be in good shape, and for the first time, well information is being received and cared for; a staff change designating a 1042 Well Commissioner was made and seems to have been a good move.

An item that is still unresolved is the inability of the staff to accomplish all that needs to be done in almost any area. Probably less than 50% of the needed administration is occurring. Many diversion records are being estimated rather than observed, and over 50% of the structures have no record kept at all. Additionally, many diversions have no control structures or measuring devices. Without the tabulation completed, normal administration is difficult, as existing administration and structure lists are archaic, and any attempt to administer a total river call could only be sporadic, at best.

There is no information in the Division V office on reservoirs other than the storage decrees and the dam roster. At least three man months could be devoted to establishing a reservoir capacity table file and another nine months would be needed for coordinating staff gage installation and organizing district structure lists for record-keeping.

The coming water year will be one of education, training, and organization for all personnel of Division V. There is much to be done and the only way it can be accomplished is through the efficient utilization of time and personnel.

The increasing involvement in water court activities takes much time and energy but is certainly necessary and rewards us with decrees that can be administered and better protects all water-users.

There are growing numbers of water rights with more water usage requiring more administration, better records, and more efficiency on our part. A total river call is going to be more prevalent; that will create a greater need for more involved administration.

This ever-increasing work load can only be handled through streamlining our procedures. That will be accomplished through education and training and the building of a good foundation to work with. Included in that foundation will be the completion of the cataloging and indexing of all water decrees. From that, the tabulation will be built. All available manpower will be directed at getting this completed prior to the July 1 deadline. Some overtures will even be made toward soliciting help from

other divisions. In conjunction with the tabulation, an abandonment list will be established. There will be literally tens of thousands of key-punched cards to be entered into the computer, involving new data entries and many correction line items. After this tabulation is put together, an attempt will be made prior to the July publication to review the thousands of errors objected to from previous printings of the tabulation.

Once the water rights are tabulated, the administrative lists can be upgraded and the mapping of the tabulated structures will begin. It is unrealistic to believe that much mapping will occur this year, but preparations can be made, including obtaining aerial photos.

Concurrently will be the investigations of water right applications. These will be turned over to the Water Commissioners for field inspection. These will be used to make a more factual recommendation to the water referee.

The regular administrative duties and record-keeping process will be enhanced by a good tabulation.

Two problems that will not be addressed are the establishment of the irrigated acreage data and the careful administration of water district 36 and 38. There is just too large a backlog of work to be done to get to the irrigated acreages this year and the Water Commissioners in Water District 36 and 38 have far more work than can be done by any one person.

The Division office water policy is well-balanced between surface and ground water administrative concerns. This is also somewhat true in water Divisions 1, 2, and 3 when you view the volume of impact that wells are having. In contrast, the actual time and effort expended by Division V personnel is by necessity much more oriented towards surface diversions. It looks as if the Supreme Court is moving more toward water management for the good of all and loosening up on strict adherance to the priority system. With that in mind, several things could be undertaken that would enhance Division V administration.

The unaccounted-for evaporation on reservoirs needs to be considered. We need assistance in order to adequately monitor storage. There are many unadministrated and non-recorded diversions and in this Division they

amount to millions of acre feet of water annually. The Division needs guidance through education, computer data base management, additional personnel, carefully planned litigation, and who knows what else, in order to cope with the volume of water and number of water rights we are dealing with. A centralized data base management system organizing stream flow data, storage data, water rights data, and diversion data with localized imput and access is necessary.

All Division of Water Resources activities center around water administration necessitated by water use. If this water use cannot be monitered, then all else is without basis. Therefore, when this base information is lacking, then policies, personnel changes, budgetary priorities, and even legislation, need to be directed at upgrading the sufficiency of the basis.

1983

RESERVOIR STORAGE SUMMARIES 50 AF and over

Division 5

WD	RESERVOIR NAME	STREAM SOURCE	1982 PREVIOUS IYR Beg. IYR AF	%	Beg.Irr.Season AF	%	1983 IYR OF RECORD Beg. IYR AF	%	Beg.Irr.Season AF	%	End IYR AF
36	Black Lake	Black Creek	1997.		1997.		1997.		1997.		1997.
36	Cataract Lake	Cataract Creek	1653.		1653.		1653.		1653.		1653.
36	Green Mountain Res.	Blue River	91468.		84261.		140494.		57671.		145090.
36	Hogland Res. # 1	Elliot Creek	57.5		922.		461.		800.		461.
36	Lost Lake	Brush Creek	125.		125.		125.		125.		125.
36	Reynolds	Keystone Creek	157.		157.		157.		157.		157.
36	Upper Black Creek	Black Creek	140.		140.		140.		140.		140.
36	Upper Blue Lake	Blue River	0.		2140.		0.		2140.		0.
36	Way	Spring Creek	23.		72.		12.		72.		12.
36	Buffer Enl.	Ten Mile Creek	106.7		106.7		106.7		106.7		106.7
36	Goose Pasture Tarn	Blue River	912.		912.		912.		912.		912.
36	Roberts Tunnel Dillon B.R.V.P.	Blue River	173303.		171365.		255356.		243540.		257993.
	Totals		269942.		263851.		401414.		309314		408647.

1983

RESERVOIR STORAGE SUMMARIES 50 AF and over

WD	Division 5 RESERVOIR NAME	STREAM SOURCE	1982 PREVIOUS IYR				1983 IYR OF RECORD				
			Beg. IYR		Beg.Irr.Season		Beg. IYR		Beg.Irr.Season		End IYR
			AF	%	AF	%	AF	%	AF	%	AF
37	Black Lake No. 2	Gore Creek	90.		90.		90.		90.		90.
37	Chalk Mountain Res.	Eagle River	204.1		204.1		204.1		204.1		204.1
37	Lower G G Res.	Eby Creek	0.		69.6		0.		69.6		0.
37	L.E.D.E. Res.	Gypsum Creek	350.		350.		0.		400.		25.
37	O. Z. Res.	Brush Creek	452.		452.		452.		452.		452.
37	Robinson	Eagle River	3136.		3136.		3136.		3136.		3136.
37	Homestake	Homestate	24379.		7652.		37093.		1183.		43333.
37	Welsh		0.		225.		0.		225.		0.
37	G.G. Res.	Eby Creek	0.		177.6		0.		178		0.
	Totals		28611.		12356.		40975.		5938.		47240.

1983 RESERVOIR STORAGE SUMMARIES 50 AF and over

WD	Division 5 RESERVOIR NAME	STREAM SOURCE	1982 PREVIOUS IYR Beg. IYR AF	%	Beg.Irr.Season AF	%	1983 IYR OF RECORD Beg. IYR AF	%	Beg.Irr.Season AF	%	End IYR AF
38	Alicia Lake Res.	Lime Creek	672.76		672.76		672.76		672.76		672.76
38	Ruedi Res.	Frying Pan	95419.		75300.		97231.		76007.		93742.
38	Crooked Creek Res.	Lime Creek	80.		80.		80.		80.		80.
38	Consolidated D. Res.	W. Coulter Creek	0.		960.		274.		970.		468.
38	Elk Creek Res. No. 2	Elk Creek	100.		100.		100.		100.		100.
38	Hopkins Res.	Landis Creek	150.		1213.		150.		1063.		0.
38	Hughes Res.	Three Mile	0.		1500.		0.		1500.		0.
38	Ivanhoe Res.	Frying Pan	1200.		1200.		1200.		1200.		1200.
38	McNulty Res.	Shippee Run	0.		100.		0.		100.		0.
38	Ralston No. 2 R.	W. Coulter	0.		20.		0.		80.		0.
38	Spring Park Res.	Cattle Creek	300.		4340.		300.		4340.		500.
38	Tagert Lake	Roaring Fork River	60.		60.		60.		60.		60.
38	Thomas Res.	Thomas Creek	80.		80.		80.		80.		80.
38	Van Clevefisher	Mesa Creek	0.		624.		0.		400.		40.
38	Van Spgs. Res. 2	Coulter Creek	0.		260.		100.		280.		100.
38	Warren Lakes	Warren Creek	1500.		1500.		1500.		1500.		1500.
38	Wildcat Res.	Snowmass Creek	1140.		1140.		1140.		1140.		1140.
38	Wood Lake Res.	Lime Creek	279.		279.		279.		279.		279.
	Totals over 50AF		100980.8		89428.8		103166.8		89851.8		99961.8

1983 - Greater than 50 AF RESERVOIR STORAGE SUMMARIES

WD	Division 5 RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR Beg. IYR AF	%	PREVIOUS IYR Beg.Irr.Season AF	%	IYR OF RECORD Beg. IYR AF	%	IYR OF RECORD Beg.Irr.Season AF	%	IYR OF RECORD End IYR AF
39	Rifle Gap Reservoir	Rifle Creek	1920.0		11811.0		3776.0		12897.0		9230.0
39	Harris Reservoir	Rifle Creek	100.0		200.0		100.0		200.0		100.0
39	Park Reservoir	Elk Creek	42.0		163.0		42.0		163.0		79.5
39	Grass Valley Reservoir	Rifle Creek	3328.0		6989 .0		4018.0		5600 .0		4200.0
	Total over 50 AF		5390.		19163.		7936.		18860.		13609.5

1983

RESERVOIR STORAGE SUMMARIES Greater than 50 AF

WD	Division 5 RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR				IYR OF RECORD				
			Beg. IYR		Beg.Irr.Season		Beg. IYR		Beg.Irr.Season		End IYR
			AF	%	AF	%	AF	%	AF	%	AF
45	Porter Reservoir	Three Mile Creek	0.0		230.		0.0		230.		81

1983

RESERVOIR STORAGE SUMMARIES 50 AF and over

Division 5

WD	RESERVOIR NAME	STREAM SOURCE	1982 PREVIOUS IYR Beg. IYR AF	%	Beg.Irr.Season AF	%	1983 IYR OF RECORD Beg. IYR AF	%	Beg.Irr.Season AF	%	End IYR AF
50	Antelope Res.	Colorado River	20.		228.6		41.5		320.		25.
50	Hinman Res.	Muddy Creek	450.		458.		458.		325.		310.
50	Lake Agnes	Muddy Creek	432.		432.		432.		432.		432.
50	Matheson Res.	Troublesome Cr.	135.		1073.		804.		1073.		925.
50	McElroy Res.	Pass Creek	0.		180.		0.		240.		0.
50	McMahon Res. 1	Red Dirt Creek	50.		2850.		750.		2850.		700.
50	Parsons Res.	Muddy Creek	13.		320.		20.		360.		20.
50	Whitely Park Res.	Muddy Creek	0.		773.		560.		773.		585.
50	Woods Res.	Muddy Creek	20.		67.		8.		41.		3.
50	Binco Res.	Troublesome Creek	0.		278.		35.		278.		20.
50	Milk Creek Res.	Milk Creek	15.		50.		10.		50.		5.
	Totals over 50 AF		1135.		6709.6		3118.5		6742.		3025.

WD	Division 5 RESERVOIR NAME	STREAM SOURCE	1982 PREVIOUS IYR Beg. IYR AF	%	Beg.Irr.Season AF	%	1983 IYR OF RECORD Beg. IYR AF	%	Beg.Irr.Season AF	%	End IYR AF
51	F.W. Linke No. 2 R.	Frazer River	0.		60.		0.		60.		0.
51	Hankison Res.	Frazer River	70.		110.		80.		40.		0.
51	Lake Granby	Colorado River	322466.		198703.		337969.		197969		465877.
51	Langholen Res.	Cattle Creek	62.		62.		0.		60.		0.
51	Meadow Creek Res.	Frazer River	13.		4821.		313.		4800.		400.
51	Musgrave Res.	Corral Creek	0.		820.		20.		810.		30.
51	Scholl Res.	Corral Creek	0.		80.		0.		80.		0.
51	Shadow Mt. G. Lake	Colorado River	17900.		18010.		18213.		18213.		18213.
51	Williams Fork Res.	Williams Fork River	41630.		34956.		63619.		29619.		69830.
51	Willow Creek Res.	Willow Creek	10029.		7964.		9335.		3835.		7026.
51	Cottonwood Res.	Colorado River	20.		90.		26.		65.		0.
51	Never Summer Lake	Colorado River	130.		130.		130.		130.		130.
	Totals - 50 AF or larger		392320.		265806.		429705.		255681.		561506.

RESERVOIR STORAGE SUMMARIES

50 A.F. AND OVER

WATER DIVISION V

WD	RESERVOIR NAME	STREAM SOURCE	1982 PREVIOUS IYR				1983 IYR OF RECORD				
			Beg. IYR		Beg.Irr.Season		Beg. IYR		Beg.Irr.Season		End IYR
			AF	%	AF	%	AF	%	AF	%	AF
53	Clyde	Elgeria Creek	0.		66.5		50.		66.5		36.5
53	Cresent Lake	Derby Creek	0.		230.0		0		230.0		0
53	Ed W. Harper	Elgeria Creek	0.		500.0		200.		500.0		200.0
53	Elgeria	Elgeria Creek	0.		112.0		0.		200.0		57.0
53	Grimes Brooks	Red Dirt Creek	0.		200.0		50.		200.0		140.0
53	Hadley No 2	Elgeria Creek	0.		178.0		0.		178.0		178.0
53	Kelly	Elgeria Creek	0.		132.0		0.		132.0		52.0
53	Luark	Spring Creek	100.		92.0		0.		100.0		0.
53	Morris	Toponas Creek	0.		300.0		0.		300.0		0.
53	Newton Gulch	King Creek	0.		240.0		0.		240.0		0.
53	Tonier Gulch	Toponas Creek	0.		64.0		0.		64.0		0.
53	Toponas Rock 2	Toponas Creek	0.		88.0		0.		88.0		0.
53	Wohler	Elk Creek	0.		80.0		0.		80.0		0.
	50 AF or Over	TOTALS	100.		2,282.5		300.		2,378.5		663.5

1983 WATER DIVISION V

RESERVOIR STORAGE SUMMARIES

50 AF AND OVER

WD	RESERVOIR NAME	STREAM SOURCE	1982 PREVIOUS IYR				1983 IYR OF RECORD				
			Beg. IYR		Beg.Irr.Season		Beg. IYR		Beg.Irr.Season		End IYR
			AF	%	AF	%	AF	%	AF	%	AF
72	Colby Horse Park	Leon Creek	182.79		500.67		122.31		500.67		150.00
72	Monument 1	Plateau Creek	0		549.72		0		545.72		0
72	Monument 2	Plateau Creek	0		111.81		0		111.81		0
72	Vega Dam	Plateau Creek	3,367.00		12,159.00		18,373.00		32,000.00		20,000.00
72	Hawxhurst	Hawxhurst Creek	0		103.00		0		103.00		0
72	Mesa Creek Reservoir	Mesa Creek	0		82.41		0		82.41		0
72	Mesa Creek Reservoir 3	Mesa Creek	0		290.00		0		290.0		0
72	Mesa Creek Reservoir 4	Mesa Creek	0		366.41		227.77		366.41		266.41
72	Coon Creek Reservoir	Coon Creek	0		518.00		292.64		518.00		318.00
72	Coon Creek Reservoir 2	Coon Creek	0		185.00		9.62		185.00		0
72	Coon Creek Reservoir 3	Coon Creek	0		112.00		0		112.00		0
72	Big Beaver	Bull Creek	0		130.00		0		130.00		0
72	Bull Basin 1	Bull Creek	0		132.20		0		132.20		0.
72	Bull Basin 2	Bull Creek	0		57.00		0		57.00		0
72	Bull Creek 1	Bull Creek	0		83.15		0		83.50		0
72	Bull Creek 2	Bull Creek	0		69.83		0		69.83		0
72	Bull Creek 3	Bull Creek	0		59.20		0		59.20		0
72	Bull Creek 4	Bull Creek	144.86		312,69		78.74		312.69		80.00
72	Bull Creek 5	Bull Creek	0		236.40		0		236.40		0
	TOTALS 50 AF OR OVER		3,694.65		16,154.49		19,104.08		35,895.84		20,814.41

WATER DIVISION 5 1983

RESERVOIR STORAGE SUMMARIES

50 A.F. AND OVER

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR				IYR OF RECORD				
			Beg. IYR		Beg.Irr.Season		Beg. IYR		Beg.Irr.Season		End IYR
			AF	%	AF	%	AF	%	AF	%	AF
72	Twin Basin Reservoir	Bull Creek	0		114.00		0		114.00		0
72	Big Creek 3 Reservoir	Big Creek	845.59		1,721.80		815.90		1,721.80		815.90
	Sub-Total 50 AF OR OVER		845.59		1,835.80		815.90		1,835.80		815.90
	Sub-Total from previous page		3,694.65		16,154.49		19,104.08		35,795.80		20,814.41
		DISTRICT 72 TOTALS	4,540.00		17,990.00		19,920.00		37,732.00		21,630.00

RESERVOIR STORAGE SUMMARIES

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR				IYR OF RECORD				
			Beg. IYR		Beg.Irr.Season		Beg. IYR		Beg.Irr.Season		End IYR
			AF	%	AF	%	AF	%	AF	%	AF
	Total's Less Than 50 AF										
36			65		113		95		113		92
37			0		28		0		28		0
38			192		236		236		236		236
39			0		0		0		0		0
45			2.0		16		2		16		2
50			41		215		62		228		56
51			233		533		233		503		233
52			0		88		0		88		0
53			0		137		0		137		0
70			0		0		0		0		0
72			0		0		0		0		0
			533		1367		628		1349		619

WD	DIVISION 5 RESERVOIR NAME	STREAM SOURCE	1981 thru 1982 PREVIOUS IYR				1982 thru 1983 IYR OF RECORD				
			Beg. IYR		Beg.Irr.Season		Beg. IYR		Beg.Irr.Season		End IYR
			AF	%	AF	%	AF	%	AF	%	AF
36	Total's 50 AF or over	Reservoirs	269,942		263,851		401,414		309,314		408,647
37			28,611		12,356		40,975		5,938		47,240
38			100,981		89,429		103,167		89,852		99,962
39			5,390		19,163		7,936		7,936		13,610
45			0		230		0		230		0
50			1,135		6,710		3,118		6,742		3,025
51			392,320		265,806		429,705		255,681		561,506
52			0		0		0		0		0
53			100		2,282		300		2,378		644
70			0		0		0		0		0
72			4,540		17,920		19,920		37,732		21,630
	Grand Total Reservoir Greater than 50 AF		803,019		677,817		1,006,535		726,727		1,156,264
	Grand Total Reservoirs less than 50 AF		533		1,367		628		1,349		613
	Grand Total Storage		803,600		679,200		1,007,200		728,100		1,156,900

TRANSMOUNTAIN DIVERSIONS SUMMARY - INFLOWS
WATER DIVISION V

RECIPIENT							SOURCE	
			PREVIOUS IYR		IYR OF RECORD			
WD	NAME	STREAM	AF	DAYS	AF	DAYS	WD	STREAM
38	Roaring Fork Bypass Flow	Roaring Fork River	* 2,718	71	* 3,124	11	11	Turquoise Reservoir
45	Divide-Highline Feeder	Divide Creek	2,538		1,065	47	40	Clear Fork Muddy Creek
50	Sarvis Creek Ditch	Red Dirt Creek			Est. 880	67	58	Service Creek
53	Dome Creek Ditch	Egeria Creek	668		442	74	58	Bear River
53	Stillwater Ditch	Egeria Creek	2,179		3,035	141	58	Bear River
72	Redlands Power Canal	Colorado River	496,066	365	est. 375,000	est 270	42	Gunnison River
72	Grand Junction Municipal	Colorado River	11,673	365	est 10,700	365	42	Gunnison River
	DIVISION V TOTALS		515,842		394,246			

*Delivered by Exchange with Division 2

TRANSMOUNTAIN DIVERSIONS SUMMARY - EXPORTS
WATER DIVISION V

1983

RECIPIENT							SOURCE	
			PREVIOUS IYR		IYR OF RECORD			
WD	NAME	STREAM	AF	DAYS	AF	DAYS	WD	STREAM
7	Vidler Tunnel	Clear Creek	No Info.		475	53	36	Snake River
80	Roberts Tunnel	N.F.South Platte River	53,538		20,780	46	36	Blue River
23	Boreas Pass Ditch	Tarryall Creek			0	0	36	Blue River
23	Hoosier Tunnel	M.F.South Platte River	2,140		6,180	112	36	Blue River
11	Homestake Tunnel	South Platte via Arkansas River	20,356	166	22,751	95	37	Homestake Creek
11	Wurtz Ditch	Tennessee Creek	3,673		4,681	145	37	S.F. Eagle River
11	Ewing Ditch	Tennessee Creek	1,241		1,994	152	37	S.F. Eagle River
11	Columbine Ditch	Tennessee Creek	2,107		2,609	129	37	E.F. Eagle River
11	Twin Lakes Tunnel	Lake Creek	54,287	365	59,442	365	38	Roaring Fork River
11	Busk-Ivanhoe Tunnel	Lake Fork Creek	6,936		9,374	173	38	Fryingpan River
11	Boustead Tunnel	Lake Fork Creek	75,520	115	87,510	144	38	Fryingpan River

TRANSMOUNTAIN DIVERSIONS SUMMARY - EXPORTS
WATER DIVISION V

RECIPIENT							SOURCE	
			PREVIOUS IYR		IYR OF RECORD			
WD	NAME	STREAM	AF	DAYS	AF	DAYS	WD	STREAM
3	Grand River Ditch	Cache La Poudre River	21,130		12,665	75	51	N.F. Colorado River
3	Eureka Ditch	Cache La Poudre River	0		0	0	51	N.F. Colorado River
4	Alva B. Adams Tunnel	Big Thompson River	239,572		159,969	365	51	N.F. Colorado River
6	Moffat Tunnel	Boulder Creek	89,856		37,294	318	51	Frazier River
7	Berthoud Pass Ditch	Clear Creek	No Info.		708	132	51	Frazier River
6	August P. Gimlick Tunnel	Boulder via Frazier R.	Included in Moffat Tunnel				51	Williams Fork
6	Vasquez Pipeline	Boulder via Frazier R.	Included in Moffat Tunnel				51	Williams Fork
40	Leon Tunnel Canal	Surface Creek	1,604		1,849	98	72	Leon Creek
	Total Division 5 Exports		571,960		428,281			

WATER DIVERSION SUMMARIES BY DISTRICT

WATER DIVISION V

WD	TOTAL DITCHES REPORTING				ESTIMATED NUMBER OF DITCH VISITATIONS	DIRECT TOTAL DIVERSION -AF-	TOTAL DIVERSIONS TO STORAGE -AF- All Sources	IRRIGATION		
	ACTIVE		INACTIVE					TOTAL DIVERSIONS -AF- All Sources	NUMBER OF ACRES IRRIGATED	AVERAGE AT PER ACRE
	WA	NWA	NU	NR						
36	477		222	1	681	638,647	114,550	103,251	16,403	6.29
37	575		289	80	733	193,786	33,525	147,706	18,540	7.97
38	708	6	235	10	470	760,948	50,546	462,927	55,876	8.28
39	183	3	162	82	461	159,312	10,924	146,699	18,094	8.11
45	298		134	311	1,537	99,591	230	103,146	34,651	2.98
50	147	2	127	49	585	62,543	4,412	62,088	19,785	3.14
51	657		358	93	643	599,659	314,993	168,551	31,458	5.36
52	126		50	40	420	65,257	88	65,163	9,234	7.05
53	241		170	85	1,421	760,289	5,933	123,587	31,100	4.29
70	69	2	68	121	584	56,613	-0-	52,793	9,488	5.56
72	454		234	446	3,042	1,254,137	21,255	1,118,060	108,242	10.33
~~Totals~~ Div 5	3935	13	2049	1318	10,577	4,650,782	556,456	2,553,971	352,871	7.24

WATER DIVISION V 1983
WATER DIVERSION SUMMARIES BY DISTRICT IN ACRE FEET (Continued)

WD	TRANS-MOUNTAIN OUTFLOW	TRANSBASIN OUTFLOW	STOCK	MUNICIPAL	DOMESTIC	INDUSTRIAL	RECREATIONAL	FISHERY	COMMERCIAL
36	50,355				1,470	474,782			
37	32,032			4,161	145				
38	156,328	497		21,536	1,665		35,996	78,767	10.0
39		1,386	365	1,103	1,937			2,148	
45				290	906				
50			34		44			344	
51	211,075	16,990		1,100	43	1,024			3,709
52					94				
53			291	11,103	1,564	626,168			
70			391		429				
72				11,665	5,105	466,641	38,609		
Div 5	449,790	18,873	1,081	50,958	13,399	1,568,615	74,605	81,259	3,719

WATER COURT ACTIVITIES

WATER DIVISION V

No. Applications for Decrees - 404

No. Consultantions with Referee - 538

No. Decrees Issued by Water Court - * 313+

Type of Decree

- Surface Water - 167
- Ground Water - 83
- Reservoir - 71
- Transfer - 0
- Alternate Point - 15
- Change of Use - 22
- Plan for Augmentation - 15
- In-Stream Flow - 0
- Other - DUE DILIGENCE - 50

No. Structures in Decrees

Types of Structures

- Ditches - 119
- Reservoirs - 109
- Wells - 148
- Other
  - Springs - 120
  - Pipelines - 65
  - Canals & Tunnels - 13
  - Conduit - 15
  - Miscelaneous - 7

* Records incomplete until June, 1983. Most decrees are accounted for but there could be up to 6 or 7 missing from report.

OFFICE ADMINISTRATION

WATER DIVISION V - 1983

Public Served	Public Consulation	Court appearances	No. of Employees
2,230	69	5	3 Proffessional & Tech 1 Clerical 19 FTE & Part-Time

District	Employee	Total Mileage	Surface	Office	Tabulation	Ground
36 & 36	Wayne Wells	10,639	8,265	2,180		
38	Stephne Callicotte	6,639	6,062	499		
39	Jim Lemon	3,769	2,999	770		
45	Arlen Jackson	11,621	8,870	2,870		
TOTAL 17,429 Surface - 14,372 Office 3,176	Bob Gregory	2,642	2,560	82		
	Glen Nelson	1,359	1,165	194		
	Richard Yeoman	1,807	1,777	30		
50	William Thompson	8,573	8,315	858		
51	James Daxton & Dan Hart	9,331	7,167	2,162		
52 & 53	Jim Sheldon	13,562	11,942	1,620		
70	George Anderson	5,204	4,844	360		
72	Marcus Klocker	8,253	4,775	3,062		
TOTAL - 23,746 Surface - 19,740 Office - 5,303	Robert Bieser	2,769	2,769	--		
	Robert Klenda	1,863	1,863	--		
	Clifford Hill	2,292	2,128	164		
	Ray Hittle	3,969	3,969	--		
	Miles Reed	2,163	1,987	176		
	Douglas Slogar	2,437	2,249	188		
Wells	Alvin Cerise					11,382
	TOTALS	117,892	79,346	12,153		11,382