

JOHN D. VANDERHOOF
Governor



C. J. KUIPER
State Engineer

DIVISION OF WATER RESOURCES

LEE R. ENEWOLD P. E.
IRRIGATION DIVISION ENGINEER
P. O. BOX 396
GLENWOOD SPRINGS, COLORADO 81601
PHONE: 945-5665

November 30, 1974

This annual report is hereby respectfully submitted to the
State Engineer of Colorado for the water year 1973-74.

Lee R. Enewold
Division Engineer

Ruth Dalton
Secretary

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INTRODUCTORY STATEMENT

DIVISION OF WATER RESOURCES
WATER DIVISION NO. 5
P. O. Box 396
GLENWOOD SPRINGS, COLO. 81601

November 30, 1974

Mr. Clarence J. Kuiper
 State Engineer
 Division of Water Resources
 101 Columbine Building
 1845 Sherman Street
 Denver, Colorado 80203

Re: Division Engineer's
 Annual Report

This Annual Report for Division No. 5 for the water year ending November 30, 1974, is as follows:

1. Introductory Statement.

A. Division 5 consists of all the Colorado River Basin, including all of its tributaries from the Continental Divide through its course within the State of Colorado to the Utah State line; excluding only the Gunnison River Drainage Basin but including the White River Drainage, which is located in Division 6, only and expressly provided by law as under judiciary, decretal rule by the Water Judge presiding in the Division 5 Water Court.

The major tributaries of the Colorado River from its headwaters to the State line are the North Fork of the Colorado, Willow Creek, Fraser River, Williams Fork, Troublesome Creek, Blue River, Muddy Creek, Eagle River, Roaring Fork, Divide Creek, Mamm Creek, Rifle Creek, Parachute Creek, Roan Creek, Plateau Creek and the Big Salt Wash.

The Major Population Centers are:

<u>Name</u>	<u>Stream</u>	<u>Growth Pattern</u>		<u>Approx. Pop.</u>
		<u>Resident</u>	<u>Rec. & Tourist</u>	<u>Max.</u>
Grand Lake	Colo. River	1/4	3/4	5,000
Granby	Fraser-Colo. R.	2/3	1/3	4,000
Fraser-Winter Pk.	Fraser River	1/5	4/5	6,000
Hot Sulphur Springs	Colo. R.	1/3	2/3	500
Kremmling	Colo. Muddy, Blue	7/8	1/8	750
Climax	Blue River	----	----	-----
Breckenridge	Blue River	----	----	1,100
Frisco	Blue River	----	----	600
Dillon	Blue River	----	----	900
Minturn	Eagle River	----	----	546
Vail	Eagle River	----	----	-----
Eagle	Eagle River	----	----	700
Gypsum	Eagle River	----	----	400
Aspen	Roaring Fork	----	----	1,700
Basalt	Roaring Fork	----	----	325
Carbondale	Roaring Fork	----	----	700
Glenwood Springs	Roaring Fk., Colo. R.	----	----	5,500
Area surrounding Glenwood Springs	Roaring Fk., Colo. R.	----	----	2,300
New Castle	Colo. River	----	----	450
Silt	Colo. River	----	----	400
Rifle	Colo. River	----	----	2,200
Grand Valley	Colo. River	----	----	250

Introductory Statement Continued.

A. Name	Stream	Growth Pattern		Approx. Pop.
		Resident	Rec. & Tourist	Max.
DeBeque	Colorado R.	-----	-----	172
Collbran	Plateau Cr.	-----	-----	400
Palisade	Colorado R.	-----	-----	900
Grand Junction	Colorado R.	-----	-----	23,000
Fruits	Colorado R.	-----	-----	1,850
Loma-Mack	Colorado R.	-----	-----	-----

The summation of the Water Quality Standards and Stream Classification, now proposed on the Colorado River, is as follows:

Area No.	Area From	To	Classification	
			Present	Proposed
1	Main stem Colo. R. and all tributaries and standing bodies of water on main stem & tributaries in this area except for specific listings.	Confluence with Williams Fork	A, B ₁ , D ₁	A, B ₁ , D ₁
2	Main stem of Colo. R. and all tributaries & standing bodies of water on main stem & tributaries except for specific listings. Confluence with Wm. Fk. R.	Confluence with Parachute Cr. near Town of Grand Valley	B ₁ , C, D ₁	B ₁ , C, D ₁
3	Colorado R.-Parachute Cr. Grand Valley	Colorado-Utah State Line	A, B ₂ , C, D ₁	-----
4	Plateau Cr. & all trib. & standing bodies of water on main stem and tributaries.	Confluence with Colorado River	None	B ₁ , D ₁
Nos. 5, 6, 7, 9, and 11 have been eliminated as designated areas.				
8	Eagle River, mouth of Fall Creek	Confluence with Colorado River	B ₁ , C, D ₁	B ₁ , C, D ₁

Justification - The Water Pollution Control Commission states that: Upstream we classify the Eagle River as A, B₁, C, D₁. Downstream we classify it as B₁, C, D₁. In between, the classification drops to C, D₁. We again expect by some miraculous means that the stream will cleanse itself and become a B₁ stream again below the mouth of Gore Creek.

8a	Gore Creek and tributaries	Confluence with Eagle River	None	B ₁ , C, D ₁
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Note - For the following item there is no change in the proposed classification, but there are additions to the area covered. The additions are underlined.

10	Roaring Fork River and <u>all tributaries and standing bodies of water on main stem</u>	Confluence with Colo. River	A, B ₁ , D ₁	A, B ₁ , D ₁
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CLASSIFICATIONS -

- A ----- Potable Supply
- B₁ ----- Cold Water Fishery
- B₂ ----- Warm Water Fishery
- C ----- Industrial
- D₁ ----- Irrigation
- D₂ ----- Livestock Watering

PERSONNEL

II PERSONNEL

<u>Name</u>	<u>Position</u>	<u>District</u>	<u>Months Worked/ Budgeted</u>	<u>Mileage*</u>
Enewold, Lee R.	Division Engineer		Annual	14,848
Jackson, Arlen	HB 1042		Annual	1,698
Dalton, Ruth	Admin. Clerk-Typist		Annual	-0-
Anderson, George	WC	70	8	7,322
Bieser, Robert	WD	72	6	2,448
Callicotte, Stephen	WC	38	10	8,527
Clem, John Colin	WC	45	8	4,370
Coultas, Tim	WC	50 & 51	7	8,492
Cowden, Lewis **	WC	36 & 37	Annual	14,502
Forster, Charles	WC	52 & 53	Annual	7,667
Gerry, Woodrow	WD	72	6	5,233
Gilbreath, Douglas **	WD	72	3	1,526
Hill, Clifford	WD	72	6	4,621
Kemp, John **	WC	50 & 51	1	226
Kenney, Donald	WD	72	6	4,306
Klocker, Marcus	WC	39	6	13,277
Nelson, Glen Gordon	WD	45	4	627
Rager, Cletus	WD	45	7	5,351
Reed, Miles	WD	72	4	2,231
Rogers, James (Special deputy)		45	1	371
Saunders, Woodrow	WC	72	Annual	15,028
Stroud, Steve **	WD	38	2	651
Wells, Wayne	WC	36 & 37	Annual	5,391
Yeoman, Richard	WD	45	5	2,190
				<u>130,903</u>

* Includes November & December, 1973

** Retired

SNOW PACK

III SNOWPACK

The snowpack was above normal in May, averaging 122%. Hot and dry winds dried up most of the moisture in the soil, making the runoff below normal, as it went directly into the soil.

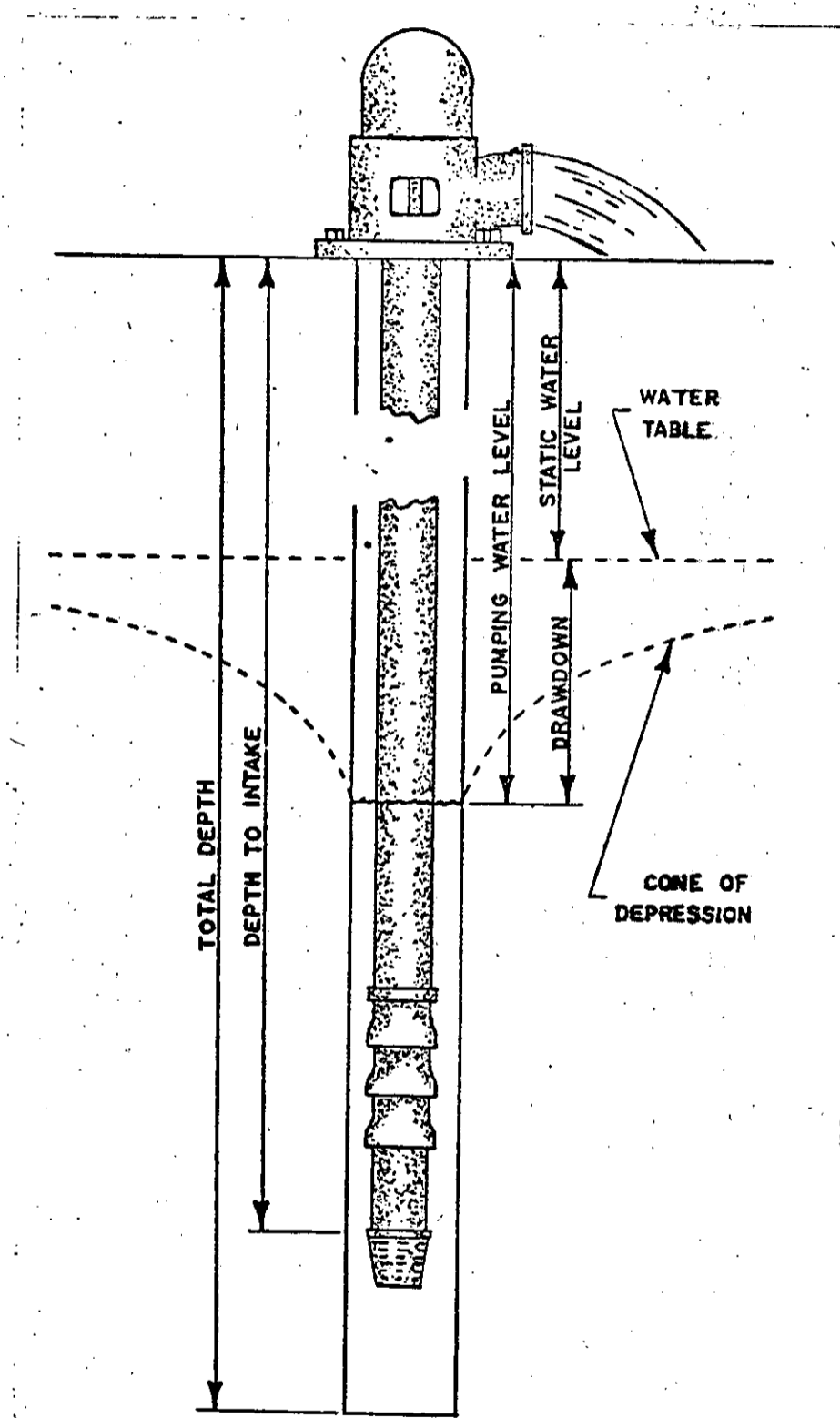
Glenwood Springs had a tremendous amount of snow on the ground during December and January, but the water content of the snow was very small.

PRECIPITATION

IV PRECIPITATION - SUMMER

The snowpack in May produced little runoff - going directly into the soil. Our one and only peak flow occurred on May 31. Hot and dry winds in June took moisture from the soil. There was very little precipitation during the summer months and this affected a call on the Colorado River which was of lengthy duration. Some rains in August relieved the situation somewhat.

UNDERGROUND WATER



Division 5
Wells Adjudicated In The
Water Court

District	No. of Applications	Domestic	Commercial	Irrigation	Municipal	Other Uses
36	1		1			
37	5	2			2	1
38	41	30	8		3	
39	18	9	2	2	1	4
45	19	13	1		5	
50	1	1				
51	21	20	1			
52	1	1				
53	3	3				
70	0					
72	4	4				
TOTAL	114	83	13	2	11	5

TRANSMOUNTAIN DIVERSIONS

TRANSMOUNTAIN DIVERSIONS
TO DIVISION NO 2
TABULATION 1974

<u>Name</u>	<u>Source</u>	<u>Recipient</u>	<u>Amount Diverted</u>	
			<u>10-1-1970 to 9-30-1971</u>	<u>10-1-1973 to 9-30-1974</u>
Homestake Tunnel	Middle Fork Homestake Creek Division #5	Cities of Colorado Springs and Aurora	43,155 AF	25,253.98 AF
Wurtz Ditch	Eagle River Division #5	City of Pueblo	3,630 AF	2,876.22 AF
Ewing Ditch	Piney Creek Division #5	City of Pueblo	1,480 AF	1,052.62 AF
Columbine Ditch	Eagle River Division #5	City of Pueblo	944 AF	1,928.06 AF
Twin Lakes Tunnel	Roaring Fork River Division #5	Twin Lakes Reservoir and Canal Company	52,090 AF	44,031.48 AF
Busk Ivanhoe Tunnel	Ivanhoe Creek Division #5	Hghline Canal Co.	7,500 AF	5,603.46 AF
Larkspur Ditch	Tomici Creek Division #4	Catlin Canal Co.	528 AF	432.56 AF
Boustead	Frying Pan River Division #5	City of Pueblo	_____	34,130.08 AF

TOTALS 109,327 AF

115,308.46 AF

TRANSMOUNTAIN DIVERSIONS
TO DIVISION I
Tabulation 1972

<u>Name</u>	<u>Source</u>	<u>Recipient</u>	<u>Amount A.F. Diverted 10-1-1970 to 9-30-1971</u>	<u>Amount A.F. Diverted 10-1-1971 to 9-30-1972</u>
Adams Tunnel	Grand Lake Division 5	Big Thompson	190,770 AF	235,000 AF
Grand River Ditch	Colorado River Division 5	Water & Storage Ft. Collins	14,930 AF	18,930 AF
Berthoud Pass Ditch	Fraser River Division 5	Platte River	902 AF	473 AF
Eureka Ditch	Colorado River Division 5	Platte River	11.9 AF	55 AF
Moffat Tunnel	Fraser River Division 5	Platte River	39,930 AF	60,360 AF
Williams Fork T. (Jones Pass)	Williams Fork Division 5	Platte River	2,620 AF	6,480 AF
Hoosier Pass T.	Eagle River ^{Blue} River Division 5	Platte River	13,050 AF	10,410 AF
Boreas Pass	Blue River Division 5	Platte River	84.5 AF	0 AF
Roberts Tunnel	Blue River Division 5	Platte River	18,700 AF	34,190 AF
Vidler Tunnel	Colorado River Division 5	Platte River	64.5 AF	47 AF
TOTAL			282,511 AF	365,945 AF

TRANSMOUNTAIN DIVERSIONS
TO DIVISION I
Tabulation 1973

Name	Source	Recipient	Amount A.F. Diverted		
			10-1-1971 to 9-30-1972	10-1-1972 to 9-30-1973	AMOUNT A.F. DIVERTED 10-1-1973 to 9-30-1974
Adams Tunnel	Grand Lake Division 5	Big Thompson	235,000 AF	230,690 AF	231,440 AF
Grand River Ditch	Colorado River Division 5	Ft. Collins Water & Storage	18,930 AF	14,380 AF	15,630 AF
Berthoud Pass Ditch	Fraser River Division 5	Platte River	473 AF	784 AF	870 AF
Eureka Ditch	Colorado River Division 5	Platte River	55 AF	0*	110 AF
Moffat Tunnel	Fraser River Division 5	Platte River	60,360 AF	33,170 AF	68,200 AF
Williams Fork T. (Jones Pass)	Williams Fork Division 5	Platte River	6,480 AF	970 AF	3,620 AF
Hoosier Pass T.	Blue River Division 5	Platte River	10,410 AF	5,710 AF	10,630 AF
Boreas Pass	Blue River Division 5	Platte River	0 AF	0*	6.2 AF
Roberts Tunnel	Blue River Division 5	Platte River	34,190 AF	2,250 AF	34,840 AF
Vidler Tunnel	Colorado River Division 5	Platte River	47 AF	55 AF	58 AF

TOTAL 365,945 AF 288,009 AF 365,404 AF

RESERVOIRS

JOHN D. VANDERHOOF
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DIVISION OF WATER RESOURCES

LEE R. ENEWOLD P. E.
IRRIGATION DIVISION ENGINEER
P. O. BOX 396
GLENWOOD SPRINGS, COLORADO 81601
PHONE: 945-5665

November 30, 1974

Bob Jesse, Acting Div. Engineer
1906 West Northern Avenue
Pueblo, Colorado 81004

Dear Bob:

In preparation of our 1974 annual report, we would like some information on the Trans-Mountain Diversions from Water Division No. 5 to Water Division No. 2.

The following structures are involved:

Twin Lakes Tunnel
Busk Ivanhoe Tunnel
Ewing Ditch
Wurtz Ditch
Columbine Ditch
Homestake Tunnel
Fri-Ark Project

I would appreciate any help or suggestions regarding these records.

Sincerely,

Lee R. Enewold
Division Engineer

JOHN D. VANDERHOOF
Governor



C. J. KUIPER
State Engineer

DIVISION OF WATER RESOURCES

LEE R. ENEWOLD P. E.
IRRIGATION DIVISION ENGINEER
P. O. BOX 396
GLENWOOD SPRINGS, COLORADO 81601
PHONE: 945-5665

November 30, 1974

Mr. W. G. Wilkinson, Division Engineer
Room 208
8th & 8th Office Building
Greeley, Colorado 80631

Dear Dugan:

In preparation for our 1974 annual report, would it be too much trouble for you to furnish me with copies of your records for the Trans-Mountain Diversions from Water Division No 5 to Water Division No. 1?

The following structures are involved:

Adams Tunnel
Grand River Ditch
Berthoud Ditch
Eureka Ditch
Moffat Tunnel
Williams Fork Tunnel
Hoosier Pass
Boreas Pass
Roberts Tunnel
Vidler Tunnel

I would appreciate any help or suggestions regarding these records.

Sincerely,

Lee R. Enewold
Division Engineer

AGRICULTURE

VIII AGRICULTURE

There are three main areas of agriculture in Division 5: The Middle Park area, the High Mountain Area and the Lower Grand Valley area.

The average yield for hay in the Middle Park area is from 3/4 to 1.00 ton per acre.

The High Mountain area is classed as livestock and grazing. The crops are mostly barley and potatoes.

The Lower Grand Valley area produces fruits and row crops.

A late spring frost in the Grand Valley area curtailed much of the fruit crop.

The areas in general did not suffer from excess flooding or heavy rain fall.

DAMS

5
IRRIGATION DIVISION NO. * WATER DISTRICT NO. 42

DAMS 21 FEET TO 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
C-406 C-616	Anderson Bros. No. 1 W. D. Anderson & Sons	Mesa	6	11S	93W	6th
C-225	Anderson Bros. No. 2 R. T. & Maggie Anderson	Mesa	4	12S	96W	6th
C-1037	Anderson No. 1 City of Grand Junction	Mesa	9	12S	96W	6th
C-226	Anderson No. 6 R. R. Anderson	Mesa	11	12S	97W	6th
C-459	Big Beaver Nichols, Drexel & Ogden	Mesa	20	11S	95W	6th
C-76	Big Park The Big Park Irrigation, Land and Power Co.	Mesa	15	12S	102W	6th
D C 123	Bonham and Wells USBR (?)	Mesa	9	11S	94W	6th
No file or record	Bull Basin No. 1 Bull Basin Res. Co.	Mesa	28	11S	95W	6th
C-453	Bull Creek No. 5 Bull Cr. Res., Canal & Power Co	Mesa	20	11S	95W	6th
-774	Colby Horse Park Leon Lake Ditch & Res. Co.	Mesa	21	11S	93W	6th
-450	Duvall No. 1 (King) Stadleman Bros ?	Mesa	27	13S	102W	6th
-601½	John Egger No. 1 Dick Loyd	Mesa	8	11S	97W	6th
-299	Fruita No. 1 Town of Fruita	Mesa	2	14S	102S	6th
-342	G.H. & S. No. 2 C. W. Schrader	Mesa	28	13S	101W	6th
C-126	Gillet	Mesa	23	8S	101W	6th
-1180	Grand Mesa No. 6 Grand Mesa Res. Co.	Mesa	12	12S	96W	6th
-402	Hallenbeck No. 2	Mesa	17	12S	96W	6th
-859	Hartman Retention John Hartman	Mesa	32	1N	1E	Ute
525	Hawxhurst McCurry & Cadwell	Mesa	8	9S	94W	6th
382	King No. 1 Stadleman Bros (?)	Mesa	3	14S	101W	6th
620	King No. 2 Stadleman Bros (?)	Mesa		13S	101W	6th
623	L.B.C. Kirkendall E. Ray Hunter	Mesa	27	11S	93W	6th

IRRIGATION DIVISION NO. X 5 WATER DISTRICT NO. 42

DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location Sec.	T.	R.	P.M.
C-1168	Currier #2	Mesa	12	9S	93W	6th
C-82	Little Dolores J.B. Claybough et al.	Mesa	24	12S	103W	
C-1140	Indian Wash Det. 1w-1 Upper Grand Valley Soil Cons. Dist.	Mesa	29	1N	1E	Ute
C-575	Fruita Settling Basin No. 2 Town of Fruita	Mesa				
C-511	Fruita No. 1 Town of Fruita	Mesa	11	14S	102W	6th
C-299 C-299A	Fruita No. 2 Town of Fruita	Mesa	2	14S	102W	6th
C-258	Fruita No. 3 Town of Fruita	Mesa	10	14S	102W	6th
C-340	Fruita No. 4 Town of Fruita	Mesa	2	14S	102W	6th
C-356	Hallenbeck No. 1 C.V. Hallenbeck	Mesa	36	12S	98W	6th
C-454	Hogchute (Carson Lake) City of Grand Junction	Mesa	22	12S	96W	6th
C-1035	Jerry Creek No. 1 Ute Water Conservation Dist.	Mesa	16	10S	96W	6th
C-661	Juniata C.V. Hallenbeck and Grand Junction	Mesa	31	12S	97W	6th
C-910	Palisade Cabin Town of Palisade	Mesa	18/19	11S	97W	6th
C-561 C-561A	Somerville-McCullah R. D. Somerville	Mesa	35	11S	97W	6th
C-1179A	Upper Highline Colo. G. F. & P.	Mesa	5	2N	3W	Ute

Irrigation Division No. ⁵ X, Water District No. 42 (cont'd)

Dams 21 Feet to 35 Feet in Height

File No.	Name of Dam and Owner	County	Location		
			Sec	T.	R. P.M.
C-627	Mack Mesa Colo G.F. & P	Mesa	13	9S	103W 6th
C-584 C-851	McKelvie No. 1 (21') Robert McKelvie (37')	Mesa	$\frac{3}{10}$	10S	93W 6th
C-574	Benny Nichols Ben E. Nichols	Mesa	13	10S	96W 6th
C-731	H.U. Robbins Tom Presnell	Mesa	20	11S	96W 6th
C-618	Spring Creek No. 1 W. L. White and Arthur S. Johnson	Mesa	13	11S	96W 6th
C-485 C-646	Thompson No. 1 (23) Kenneth Thompson (38)	Mesa	11	12S	102W 6th
C-486 C-643	Thompson No. 2 (25) Kenneth Thompson (32)	Mesa	2	12S	102W 6th
C-510	Thompson No. 3 Kenneth Thompson	Mesa	3	12S	102W 6th
C-594	Whale Neal B. Johnson	Mesa	19	11S	95W 6th

5

Irrigation Division No. 4. Water District No. 42 (continued)

Dams 10 Feet to 20 feet in Height

File No.	Name of Dam and Owner	County	Location Sec	T.	R.	P.M.
C-376	Monument No. 1 and No. 2	Mesa	11	11S	93W	6th
OC 127	Ruby Lee (not presently usable)	Mesa	14	8S	102W	6th
C-219	Scales No. 1 Grand Mesa Res. Co.	Mesa	4	12S	95W	6th
C-956, C-956A	Scales No. 3 Grand Mesa Res. Co.	Mesa	33	11S	95W	6th
C-1218	Mesa Lakes Res Dam #3 (Fish Lake) Mesa Lake Res. & Canal Co.	Mesa	35	11S	96W	6th
C-1247	Bolen-Anderson-Jacobs City of Grand Junction	Mesa	11	12S	97W	6th
C-1253	A.D.A Res. Dam W. Crafts and Beverly J. Black	Mesa	<u>13</u>	2S	2E	Ute

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 36

DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location		
			Sec.	T.	R. P.M.
C-806	Black Creek Francis S. VanDerber	Summit	8	3S	79W 6th
C-961 C-961A	Upper Blue City of Colorado Springs	Summit		8S	76W 6th
C-930	Dillon City of Denver	Summit	18	5S	77W 6th
C-1144	Goose Pasture Blue River Estates, Inc.	Summit		18S	77W 6th
797	Green Mountain U.S.B.R.	Summit	15	2S	80W 6th

DAMS 2/ FEET TO 35 FEET IN HEIGHT

Lic. No.	Name of Dam and Owner	County	Location		
			Sec.	T.	R. P.M.
229	Reynolds Luke E. Smith	Summit	27	5S	77W 6th
18	Tennile Clear Water American Metal Climax Inc.	Summit	23	7S	79W 6th
236	Sawmill Res. Enlargement Town of Breckenridge	Summit	1	7S	78W 6th

DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location		
			Sec.	T. R.	P.E.
C-1106 C-1106A	Climax Molybdenum No. 1 No. 2 No. 3	Eagle	On Surveyed Lands		
C-294 C-411 C-411	Robinson Climax Molybdenum	Eagle	7S	79W	6th
C-1112	Homestake Project Cities of Aurora and Colo. Springs	Eagle-- Pitkin Co. Line	Unsurveyed Lands Lat 39°22' N Long. 106°28' W		

DIMS 27 FEET TO 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
C-750A	Black Lake No. 2 Colo. G.F. & P.	Eagle		6S	79W	6th
C-751	Black Lake No. 3 Colo. G.F. & P.	Eagle		6S	79W	6th
C-764	Homeslake Creek Colo. G.F. & P.	Eagle	27	7S	81W	6th
iling platt / 6831	L.E.D.E.	Eagle				6th
-458	O-Z Otto Zurcher	Eagle	6	7S	83W	6th
-1098	Whittaker Whittaker Land & Livestock Co.	Eagle	11	6S	83W	6th

DAMS 21 FEET TO 25 FEET IN HEIGHT

Dam No.	Name of Dam and Owner	Location				
		County	Sec.	R.	T.	P.M.
103	Consolidated Etta U. Ralston	Garfield	19	6S	87W	6th
132	Crooked Creek Ralph B. Saffels	Eagle	22	7S	83W	6th
90	Hopkins Granville A. Hopkins	Garfield	22	6S	88W	6th
335	Hughes George W. Summers	Garfield	32	6S	89W	6th
1039	Ivanhoe The Highline Canal Co.	Pitkin		9S	82W	6th
79 551 (enlarg.)	Spring Park J.H. & H. R. Holmes	Eagle	22	7S	87W	6th
103	Von Springs No. 2 J.W. McNulty	Eagle	23	6S	87W	6th
118	Aspen City of Aspen	Pitkin	26	10S	85W	6th
244	Hawk Ditch Res. Dam Fred B. Anschutz	Garfield	5	8S	88W	6th

DAMS 10 FEET TO 20 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location		
			Sec.	T.	R. P.M.
-1024	Beaver Lake Colo. G.P. & P.	Gunnison	25	11S	88W 6th
-87	Mc Nulty Thomas McNulty	Eagle	34	6S	87W 6th
-403	Von Springs J.W. McNulty	Eagle	23	6S	87W 6th
-409	Wildcat	Pitkin	25	9S	86W 6th
-1215	Hinckland Miller Nichols	Pitkin	24	8S	83W 6th

DAMS 10 FEET TO 20 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location		
			Sec.	T.	R. P.M.
C-1047	Adams Lake Brinkley B. Brown	Garfield	31/32 6/5	3S 4S	89W 6th

DAMS OVER 35 FEET IN HEIGHT

D. No.	Name of Dam and Owner	County	Location		
			Sec.	T.	R. P.M.
200	Columbia The Columbia Oil Shale Refining Co.	Garfield	16	5S	95W 6th
149	Grassy Valley) Dam Harvey Gap) The Farmers Irrigation Co.	Garfield	13	5S	92W 6th
19 33	Harris George E. Harris (Enlarg.)	Garfield	18	4S	93W 6th
85 86A	Meadow Creek Colo. G.F. & P.	Garfield	7	3S	90W 6th
2	Park (West Elk or Goldsboroug) West Elk Land and Live Stock Co.	Garfield	19	4S	91W 6th
19	Rifle Valley	Garfield	8	6S	93W 6th
20	Ute Mesa Ute Mesa Res. & Irrig. Co.	Garfield	12	3S	92W 6th

DAMS 21 FEET TO 35 FEET IN HEIGHT

<u>File No.</u>	<u>Name of Dam and Owner</u>	<u>County</u>	<u>Location</u> <u>Sec.</u>	<u>T.</u>	<u>R.</u>	<u>P.M.</u>
660	L.M. Beaver L.M. & Jessie M. Beaver	Kesa	28	05	91W	6th.

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 45

DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
325	Haystack West Divide Creek Public Irrig. Dist.	Pitkin		9S	91W	6th
718 718A	Barton Porter Barton Porter	Garfield	15	6S	90W	6th

RESERVOIRS IN DISTRICT 50

FILE NO.	NAME OF DAM AND OWNER	GRAND COUNTY	STG/TYP/RANGE LOCATION	HEIGHT	A.F.
KIXX	OAKS R S.	HILL TWP.			22.3
	BANDER	CHENANGO.			4290.0
		SOURCE			
		MUDDY			
	HEINI	PINTO			46.9
	INFANGER	DEER			39.07
	SLIDE	SLIDE			18.1
	CHARLIE	CHARLIE			10.7
	PEARSON	ANTELOPE			22.7
	Mc MAHON #1	RED DIRT			934
	Mc MAHON "2	"			1528
	Mc Mahon "3	"			1006
	INFANGER #2	DEER			20.3 A 31.1 C
	INFANGER #3	DEER			4.9 A 3.8 C
	Mc BRIDE	HILL			400.0
	BIG 4	Troublesome			1267
	FETTERS	DUNNING			12
	S. Br. FETTERS	"			1.375
	KING	RED DIRT			15.47
	ANTELOPE	ANTELOPE			8.2 235.8 C
	WOODS	DUNNING&WOOD			67
	Mc ELROY	PASS			240.0
2/1/92	RUDOLPH	SoFk, NoFk HILL			60.22
	RED DIRT	RED DIRT			496.3
	DIETRICH	CARTER			COND.
	TROUBLESOME	TROUBLESON			1,072
	HITMAN	MC GEE DRAW			600 +
	MARTIN LILLY POND	MUDDY			
	WHIT LAY PEAK	DIAMOND			300 +
	PARSONS	CARTER			0.1
	MATHERSON	TROUBLESON			1,072
	ANTELOPE BRIDG	CARTER			102.5
	WY BANK	E. PK. TROUBLESON			20,115.9
	WY BANK	MUDDY			31,575.2

RESERVOIRS IN DISTRICT NO. 50

SHEET NO. 2

FILE NO.

NAME OF DAM AND CENTER

GRAND CO.
SOURCE

SEC/ TWP / R.

A.F.

HIDDEN VALLEY LAKE	MUDDY		3.712
PAUL POOL #2	MUDDY		0.736
CRAVEN	PASS		18
EAST FK.	E. FK. TROULBEESOME		3,000
RABBIT EARS	MUDDY		61,594
HARTMAN No. 1	STAR GULCH		
HARTMAN No.2	STAR GULCH		
DUMONT LAKE	MUDDY CR.		

May 6, 1939

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 50

DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	Location County	Sec.	T.	R.	P.M.
-580	Matheson William P. Matheson	Grand	19	4N	79W	6th
-96 } -413 }	Middle Park (McMahon) No. 2 Middle Park Improvement Co. McMahon No. 2 DeBerard Cattle Co. (1st enlarg.)	Grand	34	3N	82W	6th
		Grand	34	3N	82W	6th

IRRIGATION DIVISION NO. 5 WATER DISTRICT NO. 50

DAMS 21 FEET TO 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location		
			Sec.	T.	R. P.M.
C- 1136	Hartman No. 1 and No. 2 G. Marshall Hartman Sold to Ray Breeze	Grand	35	2N	80W 6th
	Hinman	Grand	9	2N	81W 6th
C-580	Matheson William P. Matheson	Grand	19	4N	79W 6th
C-245	McElroy Henry McElroy	Grand	16	2N	81W 6th
C-671	Muddy Creek Colo. G.F. & P.	Grand	8	5N	82W 6th
C-603	Parsons Charles T. Parsons	Grand	36	4N	81W 6th

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 50

DAMS 10 FEET TO 20 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
C- 1046	Hidden Valley Phillips Petroleum Co.	Grand	34	5N	82W	6th

RESERVOIRS IN DISTRICT No. 51

File No.	NAME OF DAM AND OWNER	GRAND COUNTY SOURCE	SEC/ TWP/ RANGE HEIGHT	A.F.
	PIRE	WILLIAMS FK.		8061.0
	MOORE	"		223.0
	THOMAS	"		222.5
	UTE PARK	"		73,248
	SPRINGDALE	"		8.00
	GREGERSON	KENNEY CR.		37.96
	BIG UTE	LOST CR.		158.0
	GREENWOOD	LONG PARK&CON CR.		8.0
	COLE	BATTLE		42.5
	DALE	BATTLE		29.75
	ANDERSON	BATTLE		1.75
	GUSTFASON	EXETER BULL RUN		79.9
	GUSTFASON	GEORGETOWN SANDERS		1.25 33.41
	LANGHOLEN	SANDERS		65.0
	JOHNSON	SANDERS		26.4
	SPACK	SPACEM DRAW		26.2 64.0
	SYLVAN	LITTLE MUDDY		774.5
	FRASER DIVERSION	ST. LOUIS		700.0
	FRASER DIVERSION	ST. LOUIS		750.0
	F.W. LINKE#2	TEN MILE		61.2
	LINKE	EIGHT MILE		40.0
	F.W. LINKE #3	EIGHT MILE		26.16
	TOVEY	NINE MILE		103.95
	HARTE-LINKE	NINE MILE		36.3
	FRASER R. DIVERSION	FRASER		275 520 add'l.
	FRASER R. DIVERSION	LITTLE VASQUES		75
	" " "	VASQUES		275
	WAVER #2	MEADOW		125
	WAVER #1	MEADOW		30
	RANCH CR.	MEADOW		11,107.9
	MEADOW CR.	MEADOW		294
	MEADOW CR.	MEADOW		

DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
C-558	Hankison (Walden Hollow Gulch)	Grand	30	2N	75W	6th
C-958	Meadow Creek Ranch Collection System City of Englewood	Grand	14	1N	75W	6th
C-448	Phoney C.R.-P.E. & W. Tauning	Grand	29	1N	79W	6th
C-1076	Scholl Robert Scholl	Grand	14	2N	79W	6th
CE-128	Sylvan	Grand	4/9	1S	78W	6th
C-308 C-799	William Fork City of Denver	Grand	23	1N	79W	6th
	Grandby Dam USBR	Grand	12	1N	76W	6th
C-1226 C-1226A C-1226B	Little King Ranch Dam John M. King	Grand	34	4N	78W	6th

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 51

DAMS 21 FEET TO 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
C-1196	Cottonwood Horrace Bullock	Grand	2	1N	76W	6th
C-667	Huntington Kennith & Eleanor Schmidt	Grand				6th
C1127	Little Muddy Creek G. Harold Reini	Grand	34	1N	78W	6th
C-230	Monarch Lake Mountain Holding, Inc.	Grand	25	2N	75W	6th

RESERVOIR IN DISTRICT No. 51

SHEET #2

FILE NO.	NAME OF DAM AND OWNER	GRAND COUNTY SOURCE	SEC/TWP/R.	A.F.
	FRASER R. DIVERSION	GRAND		
	TROUT	SILVER		75.0
	DE BERARD	STRAWBERRY		26.0
	FRASER R. DIVERSION	COOPER CR.		9.55
	" " "	BUCK		10.0
	BERTHOD CANNAL & RES	CURRENT CREEKS		75.0
	ROARING FORK #1	ROARING FK.		53.4
	ROARING FK. #2	ROARING FORK		227.75
	CORONA	RANCH		140.77
	RANCH CR.	RANCH CR.&HURD		48.0
	RANCH CR. ENL'G	RANCH CR. & HURD		10,975
	CLAYTON #1&2	RANCH		11,107
	CABIN CR.	CABIN CR.		6.105
	JOHNSON	COLO. R.		4,247
	HANKISON#1	•WALDEN HOLLOW		264
	HANKISON#2	•WALDEN HOLLOW		116.7
	SCHOLL	• CORRAL		321.8

DAMS 21 FEET TO 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
C-1164	Jones Wilbur Christenson	Grand	28	1S	81W	6th
Filing Map 17,261	Polaris					6th
C-1189	Colo. River Watershed Rock Gap	Grand	30	1S	81W	6th

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 52

DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location		
			Sec.	T.	R. P.M.
C-516	Hurt Ormand L. Hart	Eagle		3S	84W 6th
C-1238	Christensen Res. Dam Wilbur Christensen	Grand	32	1S	81W 6th

IMPROVEMENT DIVISION NO. 5

WATER DISTRICT NO. 53

DAMS 10 FEET TO 20 FEET IN HEIGHT

File No.	Name of Dam and Owner	Location				
		County	Sec.	T.	R.	P.M.
1-363	Mackinaw Lake Crescent Lake No. 1 C.F., Joe E., Orris G. and Ella L. Albertson and Mackinaw Lake	Garfield	4	2S	87W	6th
1-563	Crescent Lake No. 2 Ella May & W. Paul Hight	Garfield	4	2S	87W	6th
1-559	Jack Holden Jack Holden	Routt	16	1N	84W	6th
1200	White Owl USFS	Garfield	31	3S	86W	6th
1204	Tepe Creek Frank & Harry H. Satterfield	Routt	29	1S	84W	6th
1212	Truitt A.H. Truitt	Pitkin	6	2S	85W	6th

DAMS 21 FEET TO 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			P.M.
			Sec.	T.	R.	
C-629	E.M. Curry Alsknas Clyde and Eggeria Rex Smith-O.S. Perry	Routt	35	2N	84W	6th
C-619	Grims-Brooks Charles E. & Wilbur S. Laurketal	Routt	9	1S	84W	6th
C-482	Harper and Sons Ed W. Harper and Sons	Routt	25	1N	86W	6th
C-645	Heart Lake Colo. G.F. & P.	Garfield	24	3S	89W	6th
C-737	Keener Lake Orris G. Albertson	Garfield	2	1S	87W	6th
C-1108	Kelly Irrigation Kelly Klunker	Routt	18	1N	84W	6th
C-367	Luark J.E. Luark	Routt	34	1N	86W	6th
C-1186	Fairview Irrigation Black Mountain Ranch	Routt	10	1S	83W	6th
C-1219	A.J. Irr. Res. Dam #78 Chas. H. Kissinger	Routt	25	1S	85W	6th
C-1240	Wohler Resv. Dam 1st Enlarg L & Hvland Co.	Routt	NW1/4 28	1S	84W	6th
C-1246	Winslow Res. Dam Louis Visintainer	Routt	SE1/4 2	1S	85W	6th

DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
C-482 C-556	Harper and Sons Ed W. Harper and Sons	Routt	25	1N	86W	6th
C-449	Luark W.S. & Ed Luark	Eagle	1	2S	85W	6th
C-1060 C-1060A	Rock Creek Colo. G.F. & P.	Routt	13	1N	83W	6th
C-653	Sternor Marshall Nay	Routt	28	1N	85W	6th
C-1156	Sweetwater Rocky Mtn. Power Co.	Garfield	16	3S	87W	6th
C-1205	Newton Gulch C.H. Kissinger	Routt	12	1S	85W	6th

May 5, 1963

IRRIGATION DIVISION NO. X 5

WATER DISTRICT NO. 72

DAMS 10 FEET TO 20 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
C-406	Anderson No. 6 City of Grand Junction	Mesa	11	12S	97W	6th
OC 122	Ballentine & Rockwell	Mesa				6th
No plans & Specs.	Bull Basin Bull Basin Res. Co.	Mesa	28	11S	95W	6th
C-911	Coon Creek #1 and #2 Coon Cr. Res. Co.	Mesa	30	11S	95W	6th
C-914	Coon Creek #3 Clarence Fetters & Dick Lloyd	Mesa	25	11S	96W	6th
OC 124	Crown Point	Mesa				6th
C-501	Evans C. T. Evans	Mesa	17	2N	3W	Ute ?
C-1180	Grand Mesa No. 6 Grand Mesa Res. Co	Mesa	12	12S	96W	6th
C-815	Grove Creek No. 1 Henry H. Ziegler and W.D. Anderson	Mesa	1	11S	94W	6th
C-821	Grove Creek No. 2 Henry H. Ziegler and W. D. Anderson	Mesa	1	11S	94W	6th
C-859	Hartman Detention John Hartman	Mesa	32	1N	1E	Ute
C-375	Hoke U. C. Hoke	Mesa	34	10S	94W	6th
C-1002	Jumbo U. S. Forest Service	Mesa	35	11S	96W	6th
C-382	King 2 and 3 Joe King	Mesa	4	14S	101W	6th
C-584	McKelvie Robert McKelvie	Mesa	$\frac{3}{10}$	10S	93W	6th
C-621	Mesa Lake No. 1 (sunset) Colo Game, Fish & Parks	Mesa	34	11S	96W	6th
C-622	Mesa Lake No. 2 (Beaver) Colo Game. Fish & Parks	Mesa	35	11S	96W	6th
C-194	Michaelson Mrs Emma A & Rosa M Michaelson	Mesa	10	11S	94W	6th
C-461	Milholland (not built?) H. R. Milholland	Mesa	21	11S	95W	6th
C-849	Mirror Lake No. 1 Town of Truita	Mesa	5	12S	101W	6th
C-625	Mirror Lake No. 2 Irving C. Beard	Mesa	5	12S	101W	6th
C-374	Mitchell U. S. Grazing Service	Mesa	17	8S	103W	6th

WATER RIGHTS TABULATIONS

X WATER RIGHTS TABULATION

We have had many objections to the July, 1974 tabulation of water rights and we are receiving some objections to the October, 1974 printout. Doing research on these objections is a tremendous job and Arlen Jackson has been helping out in this capacity and devoting much of his time to plotting locations in order to correct or answer objections. The many objections consist of the inconsistencies of the basin rank number; improperly decreed or computed locations; a too general and not specific water source; incorrect dates, etc.

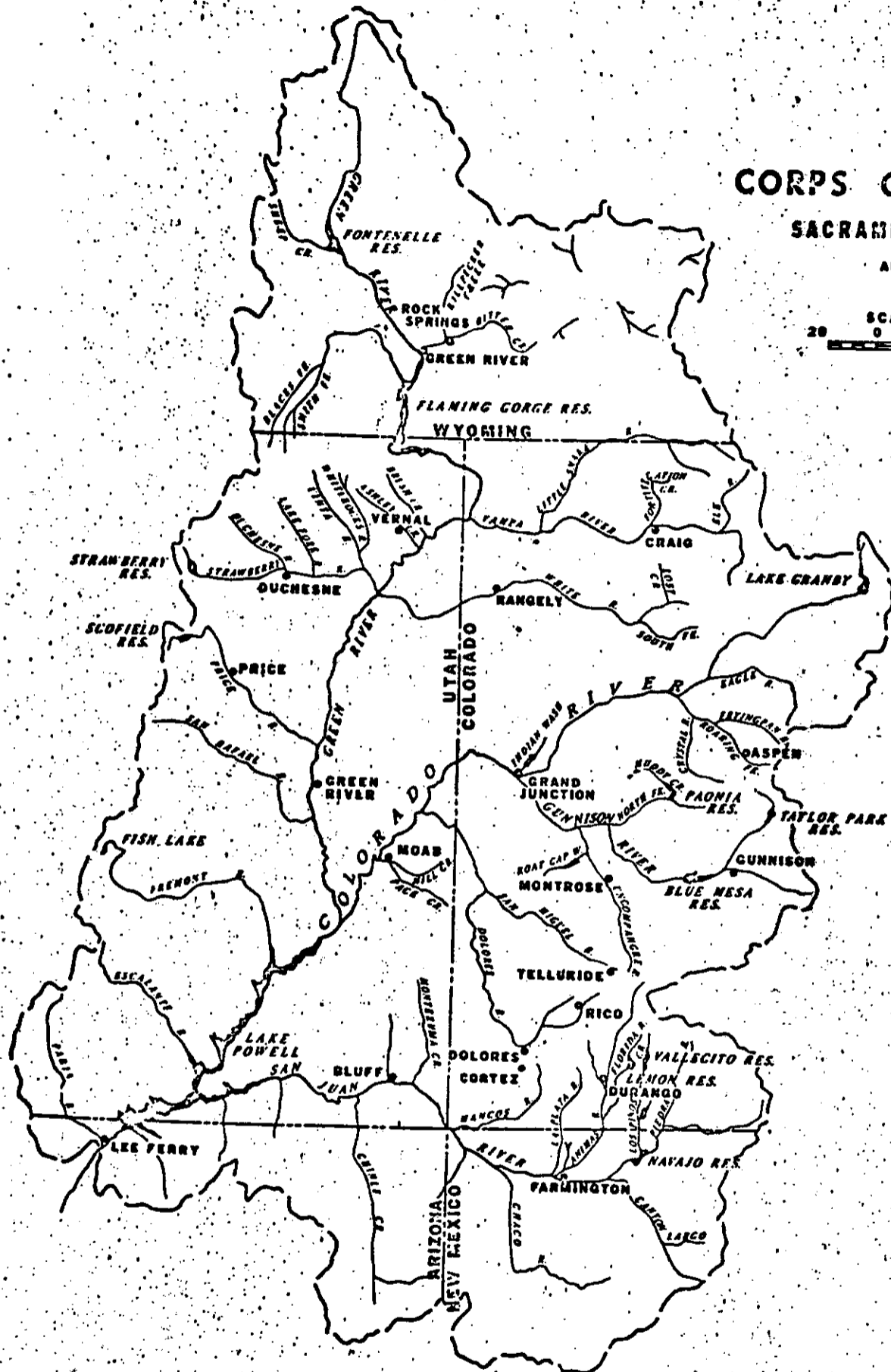
XA Referee's Findings and Decrees

1. Underground Water Rights	115
2. Changes in Water Rights	69
3. Water Rights (absolute)	344
4. Diligence (conditional decrees)	69
5. Water Storage Rights	25
6. Applications Received in Water Court	380
7. Referee Consultations	363

ORGANIZATIONS

CORPS OF ENGINEERS
SACRAMENTO DISTRICT

AUGUST 1970



UPPER COLORADO RIVER BASIN

WATER USER ORGANIZATION ROSTER

Project and Unit
BASALT - Basalt Water Cons. District

Chairman: Austin Hueschkel, Carbondale
V-Chairman: George Locksinger, Basalt
Sec.: Steve Callicotte, Carbondale
Treas.: Willis Kenney, Carbondale
Atty: Edward Mulhall, Glen. Springs
Dir: Bernard Hopkins
Willis Kenny
Austin Hueschkel
Harold Fender
Thomas Turnbull
George Locksinger
Floyd Crawford

BATTLEMENT MESA - Battlement Mesa Wtr. Cons. Dist.

Pres: Carleton Currier, Gr. Junction
V-Pres: Clyde Bruton, Collbran
Sec. Treas: Arthur Linn, Collbran
Atty: Albin Anderson, Gr. Junction
Dir: Carleton Currier
Arthur Linn
Ray Hittle
Rex Clifton
Paul Height
George Gipp
Clyde Bruton

BLUESTONE - Bluestone Wtr. Cons. Dist.

Pres: Orville Mahaffey, Grand Valley
V-Pres: Robert Latham, Gr. Valley
Sec-Treas: Geo. Anderson, DeBeque
Atty: Kenneth Balcomb, Gl. Springs
Dir: LeRoy Latham
George Anderson
Orville Mahaffey
Robert Latham
Carlos Carpenter
Harry Blue
Richard Looney

COLLBRAN - Collbran Conservancy District

Pres: Herbert Milholland, Molina
V-Pres: Francis Chapman, Collbran
Sec: H. R. Lloyd, Mesa
Atty: Nelson, Hoskin & Groves, Gr. Jct.
Sec.Treas: Everett Collins, Collbran
Dir: Ben Nichols
Bill Tupper
Francis Chapman
Herbert Milholland
W. D. Meador
H. R. Lloyd

GRAND VALLEY-Gr. Valley Wtr Users Assoc.

Pres: W. J. Baker, Loma
V-Pres: Taylor Roberts, Mack
Sec: Ray Gobbo, Gr. Junction
Treas: G. W. Klapwyk, Gr. Junction
Atty: Williams & Turner, Gr. Junction
Mgr: G. W. Klapwyk, Gr. Junction
Asst. Mgr: Bob Byers
Dir: Amos Alstatt
W. J. Baker
Avery Kohls
Bruce Currier
Ray Gobbo
Cecil Harper

GRAND VALLEY - Mesa County Irrigation District

Pres: Harry W. Brown, Grand Junction
Sec-Treas: O. F. Christensen, Gr. Junction
Supt: Jeff Bell
Dir: Harry Brown
O. F. Christensen
Harold Gardinier

GRAND VALLEY - Orchard Mesa Irrigation District

Pres: Edward T. Bryant, Gr. Junction
V-Pres: H. E. Porterfield, Palisade, Colo.
Sec: Florence K. Pauly, Gr. Junction
Treas: Mesa County Treasurer, Gr. Junction
Atty: Williams & Turner
Supt: W. F. Green, Palisade
Mgr: G. W. Klapwyk, Gr. Junction
Dir: H. E. Porterfield
E. T. Bryant
Clyde Rooks

GRAND VALLEY - Palisade Irrigation District

Pres: Everett Corlett, Gr. Junction
V-Pres: John Vesakis, Clifton
Sec: W. E. Funk, Palisade
Treas: Mesa County Treasurer, Gr. Junction
Atty: William H. Nelson
Ditchrider: Delbert Kitson
Dir: W. E. Funk
John Vesakis
Everett Corlett

MIDDLE PARK - Middle Park Water Conservancy District

Pres: Redwood Fisher, Granby
V-Pres: Karl H. Knorr, Dillon
Sec-Treas: Carl Breeze, Kremmling
Atty: Bob Delaney, Glenwood Springs
Dir: Red Fisher
Jack Horn
Carl Breeze
Karl H. Knorr
Kenneth Wheatley
Frank P. Brown

SILT - Silt Water Conservancy District

Pres: Marvin Ryden, Rifle
V-Pres: Jake Haas, Rifle
Sec. Treas: Mike Dmitrich, Price
Atty: Therald N. Jensen
Dir: Chris Joufflas
George Waterman
Paul Moynier
William Welsh
Gordon Newbold

UTE WATER - Ute Water Conservancy District

Pres: Fred J. Simpson, Grand Junction
V-Pres: W. J. Baker, Loma
Sec: L. P. Morse, Gr. Junction
Treas: Bobby J. White, Gr. Junction
Atty: Albin Anderson, Gr. Junction
Mgr: Riney F. Wilbert, Gr. Junction
Dir: John Brophy
W. J. Baker, Loma
Frank Beeds
Harold Mogensen
Merle Motz

WEST DIVIDE - West Divide Water Conservancy District

Pres: William B. Jackson, Glenwood Springs
V-Pres: Harold C. Carmack
Sec-Treas: Frieda H. Jackson, Glenwood Springs
Atty: Frank Delaney, Glenwood Springs
Dir: William B. Jackson
Harold C. Carmack
Carl Bernklau
Paul Pitman
L. Christensen
Ralph L. Antonides

MISCELLANEOUS - Colorado River Water Users Association

Pres: L. Y. Siddoway, Vernal, Utah
V-Pres: Clifford Tabor, Wellton, Ariz.
Sec-Treas: Lynn S. Ludlow, Orem, Utah
Dir: Floyd M. Smith, Arizona
Victor I. Corbell, Arizona
Norris Soma, Arizona
Carl Vevine, California
Warren Butler, California
Leon Kennedy, California
Roland Fischer, Colorado
Don D. Noble, Colorado
Robert Delaney, Colorado
Ivan P. Head, Nevada

COLORADO DEPARTMENT OF NATURAL RESOURCES

T. W. Ten Eych
Division of Game Fish & Parks
Division of Mines
Division of Water Resources
Geological Survey
Board of Land Commissioner
Oil and Gas Conservation Commission
Soil Conservation Board
Water Conservation Board

COLORADO RIVER WATER CONSERVATION DISTRICT

Ken Balcomb
R. C. Fischer

COLORADO WATER CONSERVATION BOARD

Felix L. Sparks

WATER BUDGET

DIVISION ENGINEER'S SUMMARY

Storage Report - Acre Feet
1974.

District	Amount in Storage			Actual Am't Diverted to Storage During Season	Delivered from Storage to Irrigation	Storage to Industrial Use	Storage to Municipal Use	Storage to Recreation Use	Storage to Projects	
	11-1-73	5-1-74	10-31-74							
	188,179	203,170	146,406	209,012	16,279	151,930	31,897	415,269	203,288	415,285
	37,155	20,123	38,699	31,902	577	3,340	27,587	28,271	27,587	28,291
	56,345	106,345	51,200	50,169	6,169	—	1,100	56,000	50,000	140,000
	12,500	23,000	8,000	11,500	15,000	—	—	—	—	23,000
	—	—	—	—	—	—	—	—	—	—
	1436	4220	1213	5433	5433	—	—	483	—	2433
	260,000	546,346	250,000	252,346	6,346	—	—	252,346	—	252,346
	—	88	15	73	42	—	—	—	—	—
	—	2084	322	3342	2501	—	841	3321	—	3421
	—	—	—	—	—	—	—	—	—	—
	21,204	41,848	15,836	56,674	41,848	13,761	357	45,842	32,700	45,409
	576,819	1137,229	511,691	620,451	94,195	169,031	61,782	801,352	313,575	910,275

Discartney

Page B

DIVISION SUMMARY - DIVISION NO. 5
Storage Report - Acre Feet
1973

District	Amount in Storage Acre Feet		Actual Am't Diverted to Storage During Season	Delivered from Storage to Irrigation	Storage to Industrial Use	Storage to Municipal Use	Storage to Recreation Use	Storage to Projects	Piscatory	
	11-1-72	5-1-73								10-31-73
36	352,685	290,808	388,172	193,413	759.0	83,295	3,180	415,301	156,869	415,301
37	32,845	147,806	37224	312 77	416.0	3,340	26,546	27,404	26,546	27,404
38	6,345	11,966	6,345	12,308	6,169.0		1,100	146,991		146,991
39				4,642	1,908.0			18,279	3,902	18,279
45				0						
50										
52	631,492	450,063	544,621	364,068		32,852		362,717	202,573	362,717
52	0	66	0	116	116					
53		6,812	4,217	3,121	2,661			3,416		3,416
70				0						
72				44,033	42,679	8,121	638	45,699	32,700	46,200
TOTALS	1,023,367	911,721	980,779	652,978	54,708	127,608	31,464	1,019,807	422,590	1,020,328

35-A

Direct Flow Diversions
1974

Piscataway

Total Ditches Reported	Active Inactive		Direct Diversions Ac. Ft.	No. of Acres Irrigated	Ac. Ft. Per Acre	Industrial Use Divisions Ac. Ft.	Municipal Use Divisions Ac. Ft.	Recreation Use Divisions Ac. Ft.	Trans Mtn. Diversions Ac. Ft.	Total Diversions Ac. Ft.	No. of Daily Ditch Rot's.	Balance to Carry Over
	NA	NU										
119		261	108,685	13,934	7.8	496,000	460	209,012	45,534	650,404		346,000
143		230	180,148	17,911	11.4	—	1320	34,000	31,109	218,371		80,000
253		362	443,775	53,762	8.3	—	22,406	59,056	84,196	609,413		59,056
191		76	130,574	17,547	7.4	—	487	—	—	130,574		963
148		76	51,263	10,694	4.8	—	—	—	—	51,263		—
85		86	44,536	12,171	3.7	—	—	—	—	44,536		—
223		249	127,689	27,948	4.6	—	9,199	—	319,870	447,559		320,000
66		97	25,721	8,094	3.2	—	—	—	—	25,721		—
168		244	88,743	27,910	3.2	904,884	2628	—	—	88,743		3600
95		44	70,524	11,148	6.0	—	—	—	—	70,524		—
206		261	1,318,817	149,601	8.8	454,703	11,161	3247	—	1,773,520		454,703
1697		1986	2,590,475	422,520	—	1,855,587	47,661	305,315	470,784	4,110,628		1,264,322

No Water Available

NU - Non Use
* Irrigated
Blue Stems
Karkind

Transmountain Diversions: Designate either to or from Division

RECOMMENDATIONS AND SUGGESTIONS

RESOLUTION PROPOSED BY LEE ENEWOLD, DIVISION 5 ENGINEER

CONSIDERATION OF RESOLUTION BY
COLORADO RIVER WATER CONSERVATION BOARD
MONUMENTATION OF LEGAL POINT OF DIVERSION

(A)

WHEREAS, there is a need to establish the legal point of diversion for every water right and tie it to the present land system; labeling and marking this point by a permanent monument.

NOW, THEREFORE, BE IT RESOLVED that the Colorado River Conservation Board urge the State Legislature to enact a law requiring the monumentation of all water rights.

WATER

RESOLUTION PROPOSED BY LEE ENEWOLD, DIVISION 5 ENGINEER

CONSIDERATION OF RESOLUTION BY
COLORADO RIVER WATER CONSERVATION BOARD
NEED TO ESTABLISH HEADGATES AND MEASURING DEVICES

^{STATUTES}
WHEREAS, the Court made the headgate and measuring device a part of the provisions for the granting of a water right; authorized the Division Engineer to order the installation of such, and see to it that they are maintained in good repair; and,

^W WHEREAS, by the use of said headgate and measuring device it allows the ~~Division Engineer~~ to administer the streams properly; establishing legal records along with the legal point of diversions and showing beneficial use; and,

^{BASIN}
WHEREAS, the Upper Colorado River is presently at a disadvantage with the decision on the Rainbow Bridge case, which in turn could precipitate a call upon the Colorado River earlier; and there is an urgent need to show beneficial use; and

WHEREAS, by the very nature of the Colorado River Water Conservation District being interested in safeguarding for Colorado all waters to which the State of Colorado is equitably entitled under the Colorado River Compact.

NOW, THEREFORE, BE IT RESOLVED that the Colorado River Water Conservation Board urge the water users of the district to install headgates and measuring devices as a tool for conserving the water for Colorado West.

UPPER COLORADO RIVER BASIN

ENDORSE

XI RECOMMENDATIONS AND SUGGESTIONS

There is inserted in this report a sample form for the water commissioners' field books. This consists of a regular 8 1/2"x11" standard sheet showing the printed-out adjudication card as a heading; the month and day tabulation of cfs used; the amount at arrival on the ditch; the amount when the commissioner left or set the ditch; pertinent information required for all forms that were to be copied on summary sheets; index and ditch sheets, along with the required reservoir sheets. This set-up, when xeroxed in the division office, would provide the entire report of the water commissioner without hand-written duplication.

Along with the above, this office has set up a division and district duplicate adjudication file from slips provided by the Denver office last year. This has proved to be the "finger tip" fast and correct answer for all the inquiries pertaining to all civil actions by the district courts. It is requested that this system be adopted as a standard, making it a uniform system statewide.

It has come to our attention that there are a few decrees that were never sent to the division office by the clerks of some district courts. We request from the State Engineer's Office to have the Attorney General's Office require a complete check of the various decrees issued to the present time. Also, the Attorney General should have issued an order, by a special mandate, to furnish these missing decrees.