

# High Country GAZETTE



GLENWOOD SPRINGS, COLORADO  
MAY 15, 1971  
Volume 4, Number 6

**HEADGATE**—Symbolical of the thirsty West, irrigation valve controls the flow of life-giving water to the semi-arid fields. Valves like this one, along thou-

sands of miles of irrigation ditches, make the West a fertile land with a variety of crops to support its economy.

JOHN A. LOVE  
Governor



C. J. KUIPER  
State Engineer

**DIVISION OF WATER RESOURCES**

~~DONALD L. SMITH P.E.~~  
IRRIGATION DIVISION ENGINEER  
~~P.O. BOX 926~~  
GLENWOOD SPRINGS, COLORADO 81601  
OFFICE: 945-5665 HOME: ~~845-8911~~

**DIVISION OF WATER RESOURCES**  
WATER DIVISION NO. 5  
P. O. Box 395  
GLENWOOD SPRINGS, COLO. 81601

November 23, 1972

This annual report is hereby respectfully submitted to  
the State Engineer of Colorado for the water year 1971-1972.

Lee R. Enewold  
Division Engineer  
Water Division No. 5

E. E. Bloye  
Asst. Division Engineer

Ruth Dalton  
Secretary

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## **I-A INTRODUCTORY STATEMENT**

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

November 30, 1972

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, 1972, 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>
		Resident	Rec. & Tourist	Max.
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

## **II - 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	16,346
Bloye, E. D.	Asst. Div. Engineer		Annual	2,102
Dalton, Ruth R.	Clerk Typist		Annual	-0-
Anderson, George M.	WC	70	8	9,809
Bieser, Robert W.	WD	72	6	3,383
Callicotte, Stephen	WC	38	9 1/2	8,322
Clem, John C.	WC	45	9	3,169
Connerley, Mike	WC (Resigned) ***	50 & 51	3	3,406
Cowden, Lewis S.	WC	36 & 37	Annual	15,452
Forster, Charles	WC	52 & 53	10	12,307
Gilbreath, Douglas	WD	72	4	1,363
Hawkins, Danny R.	WD	72	4	1,294
Hawkins, Melvin	WC	39	9	12,258
Held, Wesley	WD	72	6	2,196
Hill, Clifford	WD	72	3	764
Kenney, Donald L.	WD	72	6 1/7	555
Nelson, Glen Gordon	WD	45	-0-	(Did not work)
Rager, Cletus E.	WD	45	7	452
Saunders, Woodrow	WC	72	Annual	17,649
Wells, Lewis W.	**		5	778
Yeoman, Richard	WD	45	5	2,436

\* Includes November 1971

\*\* Worked as WD in Dist. 38 & 72. In September, made an annual employee working on wells in Division #5.

\*\*\* John L. Kemp replaced Mike Connerley

-0-

-0-



**III – A SNOW PACK**

IIIA Snow Pack

The May forecast for water supplies was predicted as near normal and generally adequate. Forecasts ranged from 70% on the Roaring Fork River to the Blue River and at higher elevations at 93% and a little higher.

The snow pack in late June at lower elevations was gone and the water supply outlook was below normal. At the extreme higher elevations the snow pack was normal to above-normal.

Normal Water Supply continued at a little below normal until the middle of August at which time, and for the first time in at least 3 years, a demand on the river was necessary, both by Dotsero and the Grand Valley Project at Grand Junction.

At the end of the water year the demand on both Dotsero and Grand Valley was not needed, as supplemental project water release from Green Mountain Reservoir, along with rising temperatures and some precipitation, eliminated the shortage.

### **III - B PRECIPITATION**

### IIIB Precipitation

The May forecast stated that above average precipitation was needed to insure the average stream flow this season. Along with rising temperatures, below average precipitation, practically no increase in the snow pack, and high winds, our records showed an adverse effect on the anticipated stream flows. As stated before, by mid-August a demand was exercised on the Colorado River. Later on, in mid-September, with an increase in precipitation in most all areas, along with the shut-off of irrigations demands, the call on the river was cancelled.

### **III - C FLOODS**

XXXXXXXXXXXXXXXXXX

XXX 396

October 31, 1972

Mr. Jerry Williams  
National Weather Center  
175 N. 2300 West  
Salt Lake City, Utah 84116

Dear Jerry:

We submit the following list for your use for Flood Warnings  
in this area:

Division of Water Resources - Box 396,  
Glenwood Springs, Colo.  
Telephone - 945-5665

Radio Station KGLN - 172 W. 6th Avenue  
Glenwood Springs, Colo.  
Telephone - 945-6501

Public Service - Shoshone  
Glenwood Springs, Colo.  
Telephone - 945-6172

Colorado State Patrol - Eagle, Colorado  
Telephone - 238-6343

City of Glenwood Springs, Colorado  
Cooper Avenue  
Telephone-945-7616

Woodrow Saunders, Water Commissioner  
1522 Main St.  
Grand Junction, Colorado  
Telephone - 242-8927

Ralph V. Kelling, Division Engineer  
Montrose, Colorado  
Telephone - 249-5812

Hope this is what you want. If not, please let us know.

Sincerely,

E. D. Bloye  
Asst. Division Engineer

### **III – D GENERAL**





MARK SHEET  
 WATER BUDGET  
 DIVISION NO. 5

50 E 51 & 38

123456  
 123456  
 123456

Wtr. Yr. Oct. 1 to Sept. 30	Div. of Wtr. Res.	Stream Gage Sta. No.	Stream Basin	Drainage Area Sq. Mi.	Total AF Gage Sta. 1	Total AF Trans-Basin 2	Total AF Trans-Mt. 3	Total AF Direct Flow Diversion 4	Percent Ret. Flow-Incl. Underground	Total AF Ret. Flow 5	Total AF 6	Yield AF Per Sq. Mile	Booze Cap. Total AF Res. Storage
1968	5-50-51	9-0580	6060	1763	320,000	0	272,918	265,952	70%	186,166	622,904	331	352,174
1969	"	"	708	1763	364,800	0	220,540	128,062	70%	89643	620,759	352	253,953
1970	"	"	708	1763	558,600	0	254,220	270,000	70%	189,000	893,820	507	351,320
1968	5-38	9-0850	FORAMS PARK	1451	815,100	—	57147	177,447	60%	106,468	924,826	650	128,126
1969	5-38	"	"	1451	825,500	—	57,855	202,227	60%	121,336	962,246	663	
1970	5-38	"	"	1451	1,041,000	—	70,418	367,626	60%	220,572	1,258,972	867	219,472
1968	5-52 53		6060	1088	329,300	—	—	102,366	50%	51,183	380,483	349	9,183
1969	"		"	1088	313,500	—	—	120,159	50%	60,079	265,436	243	60,079
1970	"		1	1088	474,100	—	—	144,617	50%	72,309	547,108	502	72,308

WORK SHEET

Water Budget - Division NO. 5

Water Year Oct 1 to Sept 30	Division of Water Resources	Stream gage sta No.	Stream Basin	Drainage Area - Sq. mi.	Total gage sta. A.F.	Total AF Trans-Basin	Total A.F. Trans-Mtn.	Total A.F. Direct Flow	Percent Return - Evap. and Groundwater	Total AF Return + Elced.	Total AF used	Yield A.F. Per Sq. mi.	Total AF Ret.
1968	J-36	7-0575	Blue River	599	238,800	+	55,782	116,562	72%	83925	378,507	631	420
1969	J-36	9-0575	Blue River	599	297,200		56,366	155,018	72%	111,613	365,173	609	420
1970	J-36	09-057500	Blue River	599	425,700		33,598	143,970	72%	103,658	562,956	939	420
1971	J-36	09-057500	Blue River	599			31,900	111,734	72%	80,488			420
1968	J-37	9-0700	Eagle River	944	368,900	2520	25757	166,987	70%	116,891	594,68	544	221
1969	J-37	9-0700	Eagle River	944	361,500	2520	37,832	256,500	70%	179,500	581,352	615	221
1970	J-37	09070000	Eagle River	944	477,000	2520	74,754	243,650	70%	170,555	724,829	767	221
1971	J-37	09070000	Eagle River	944			49,210	205,018	70%	143,512			221

(Don't)

Area

WATER BUDGET - DIVISION NO. 5

3177979  
324  
324

10000

324

Wtr. Yr. Oct. 1 to Sept. 30	Div. of Wtr. Res.	Stream Gage Sta. No.	Stream Basin	Drainage Area Sq. Mi.	Total AF Gage Sta.	Total AF Trans-Basin	Total AF Trans-Mt.	Total AF Direct Flow Diversion	Percent Ret. Flow-Incl. Underground	Total AF Ret. Flow	Total AF <del>in District</del>	Yield AF Per Sq. Mile	Total AF <del>in District</del>	Cap. <del>in District</del> Storage
1958	50.51	9-0580	Colo. River	1763	320,000	0	272,918	265,952	70% → 30% →	186,166 (79,785)	672,704	381	324	822,185
	36	9-0575	Blair River	599	558,800	-	557,822	116,562	70% → 30% →	337,225 (62,557)	322,279	500	324	822,185
	37	9-0700	Colo. River	944	368,900	2520	25757	166,987	70% → 30% →	116,891 (50,006)	447,273	474	324	822,185
	52.53		Colo. River	1088	329,300	-	-	102,366	50% → 50% →	511,83 (511,83)	380,483	349	324	822,185
	38	9-0850	Blair River	1451	815,100	-	57,147	177,407	60% → 40% →	106,468 (79,779)	942,826	650	324	822,185
	39.45%	9-0955	Colo. River	2637	252,000	-	-	206,632	25% → 75% →	51,658 (154,920)	408,900	200	324	822,185
	72	9-1535	Colo. River	1922	-134,000	-	-	134,000	90% → 10% →	1210,500 (134,500)	4500	026	324	822,185
									used	(574,155)				
<b>Total</b>				9804	2324100 -134000 2190100	2520	411,604	2,380,946		1,806,791	3,177,979	2600 +26 Average 324	968,779	822,185

WATER BUDGET - DIVISION NO. 5

Wtr. Yr. Oct. 1 to Sept. 30	Div. of Wtr. Res.	Stream Gage Sta. No.	Stream Basin	Drainage Area Sq. Mi.	Total AF Gage Sta.	Total AF Trans-Basin	Total AF Trans-Mt.	Total AF Direct Flow Diversion	Percent Ret. Flow-Incl. Underground	Total AF Ret. Flow	Total AF in District	Yield AF Per Sq. Mile	Total AF	Cap. AF Res. Storage
1969	50.51	9-0580	Colo. R.	1763	361800	0	220540	128062	70% → 87643 30% → (58219)	620759	552	58319		
	36	9-0575	Blm. River	599	597200		56360	155018	72% → 211613 28% → (43435)	396965	663	99765		
	37	9-0700	Engle River	944	361500	2520	37832	256500	70% → 179500 30% → (76050)	478802	507	117302	221000	
	51.53		Colo. River	1088	313500	-	-	120159	50% → 60079 50% → (60079)	265436	243	60079		
	38	9-0850	Hanning Fork	1451	823500	-	57855	202227	60% → 121336 40% → (80891)	962246	663	150000	118657	
	33.570	9-0955	Cold River	2037	339000	-	-	226210	25% → 56552 75% → (169658)	508658	250	160000	118657	
	72	9-1635	Colo. River	1922	123000	-	-	1345000	95% → 1216500 10% → (134500)	11580	6	130500	38000	
									used (603,902)					
Total				9804	2496500 -123000 2373500	2520	372587	2433176		1829273	3244366	2719	979000	
												AVG 331		





MARK SHEET WATER BUDGET - DIVISION NO. 5

Wtr. Yr. Oct. 1 to Sept. 30	Div. of Wtr. Res.	Stream Gage Sta. No.	Stream Basin	Drainage Area Sq. Mi.	Total AF Gage Sta.	Total AF Trans-Basin	Total AF Trans-Mt.	Total AF Direct Flow Diversion	Percent Ret. Flow-Incl. Underground	Total AF Ret. Flow	Total AF District	Yield AF Per Sq. Mile	Total AF	Cap. Storage
1968	S-39 S-41 S-70	9-0955 9-0851	Colo River	8050 2037	2413000 2161000 252000	+	+	115339 54536 36287 206632	25% (Add. 25%)	51658 (54974)	466974	200	154974	158657
1969	S-39 S-41 S-70	9-0955 9-0851	Colo. River	8050 2037	2576000 2237000 339000			122491 50676 53043 226210	25% (Add. 25%)	56552 (169658)	508656	250	160000	158657
1970	S-39 S-41 S-70	09095500 09085100	Colo. River	8050 2037	3290000 2944000 346000	555		140177 113584 43795 299454	25% (Add. 25%)	74868 (224606)	571161	280	225161	158657
1971	S-39 S-41 S-70		Colo. River					21736 68467 44088 114291	25% (Add. 25%)	28573 (85718)				134191 23504 23013 158657

WORKSHEET

WATER BUDGET - DIVISION NO. 5

Wtr. Yr. Oct. 1 to Sept. 30	Div. of Wtr. Res.	Stream Gage Sta. No.	Stream Basin	Drainage Area Sq. Mi.	Total AF Gage Sta. +	Total AF Trans-Basin +	Total AF Trans-Mt. +	Total AF Direct Flow Diversion	Percent Ret. Flow-Incl. Underground	Total AF Ret. Flow	Total AF <del>Ret. Flow</del> <sup>Dist. in</sup> <sub>Structs</sub>	Yield AF Per Sq. Mile	Total AF <del>Ret. Flow</del> <sup>Dist. in</sup> <sub>Structs</sub>	Cap. <del>Dist. in</del> <sub>Storage</sub>
1968	5-36	9-0575	Blue River	599	238800 X	0 X	55782 0 X	116,562 X	72% (add 30%)	83925 X (32637) 0	327219 X	546	86417 0	1120250
1969	5-36	9-0575	Blue River	599	297200		56360	155,018	72%	111613 (43405)	396965	663	99765	422000
1970	5-36	09-05750	Blue River	599	425700		33598	143970	72%	103658 (40312)	499610	834	11730	422000
1971	5-36	09-05750	Blue River	599			31900	111739	72%	80448 (31286)			63160	422000
1968	5-37	9-0700	Eagle River	944	368900		25757	166987	70% (add 30%)	116891 (50090)	447273	474	76373	117300
1969	5-37	9-0700	Eagle River	944	361500		37832	256500	70%	179550 (76950)	478802	507	117300	117300
1970	5-37	09-070000	Eagle River	944	477000		74754	243650	70%	170555 (73095)	627369	665	155000	117300
1971	5-37	09-070000	Eagle River	944			49210	205018	70%	143513 (61505)				117300



# WORK SHEET

Water Year 1968	gage sta. 9-0955 Colo R. comco cfs	Platform gage sta. 9-1050 cfs	Gunnison gage sta. 9-1525 cfs	Total IN flow cfs	D. Version	Colo R. gage sta. 9-1635 Colo R. gage sta. 9-1525 cfs
Oct. 1 1967	1920	76	1030	3026		2830
Nov. 1	1800	106	1430	3336		3130
Dec 1	1700	103	2220	4023		3996
Jan. 1 1968	1500	90	3470	5060		4740
Feb 1	1500	95	2100	3695		3490
Mar 1	1610	79	1490	3179		3260
Apr 1	2020	139	1140	3299		3220
May 1	2200	184	1660	4044		2680
June 1	12600	774	6920	20294		18900
July 1	7330	106	1500	8936		8740
Aug 1	3620	168	2670	6458		6000
Sept. 30 1968	2130	87	876	3093		2380

# GEL DIVISION NO. 2

No. of E. tanks		Reservoirs				Total Total A.F. storage		A.F. storage	
F. 1	506	Total used	Net used	Reservoir Cap. A.F. Storage	Actual Cap. A.F.	NO.	IN use	Oct. 1	Sept. 30
25200				868,135					
570				420,250					
0.369				221,000					
2.308				195,119					
17,472				338,466					
22,161	151	117	34	134,191					
				23,554					
				<del>912</del> 152,657					
30,500				88,463					
177,560				2,270,090					
16	19	20	21	22	23	24	25	26	27

15 = 13 + 8 + 7  
18 = 13 + 8  
17 = 15 + 5

WATER BUDGET WORK SHEET

Water Year	Div. 5 Water D. Stk. No.	Stream gage Sta. No.	Stream Basin	Drainage Area sq. miles	Drainage Area in acres	NET A.F. gage Sta.	Total A.F. Trans. Mt.N.	Total A.F. Direct Flow Division	Return Flow %	Used in Disc A.F.	Acrees Irrigated	Total A.F. District	Average A.F. per Acre	Yield A.F. per 59 m.	Total A.F. 59 m. in cell.	NO.	
1970	450	9-1580	Colo. River	1763	1,128,320	558,600	254,220	270,000	70	189,000	30	81,000	19,288	893,820	507,	335,205	
+	51		Blue River	599	383,360	425,700	33,598	143,970	72	103,658	28	40,312	499,610	834,	455,70		
+	36	09-027500	Eagle River	944	607,160	477,000	(82,520)	243,650	70	170,555	30	73,095	627,369	665,	150,269		
+	37	09070000	Colo. River	1088	696,320	474,700	-	144,617	70	72,309	30	72,309	547,008	552,	72,308		
+	52		Roaring Fork	1451	928,440	1,041,000	70,418	367,626	60	220,576	40	147,050	1,258,472	867,	2,972		
+	53		Colo. River	2037	1,303,680	346,000	(55,570)	299,474	25	74,868	75	224,606	571,161	266,	224,161		
+	38	9-0850	Colo. River	1922	1,230,080	-55,000	-	1,345,000	90	1,210,500	10	134,500	79,500	21,	134,500		
+	39	09095000	Summit R.	9804	6,274,560	3,323,000	432,990	2,814,337		2,041,466		772,872	4,476,990	3,690,	1,775,830		
+	72	09155000	Summit R.			-55,000											
+	70	09055000	Summit R.			3,268,000											
+	39	09085100	Colo. River														
+	45																
+	70																
Total																	

4-7 Acrees

13

16

19

**III - E UNDERGROUND WATER**

### III E

#### A Underground Water

We have about 2,500 wells in our April 1972 well print-out. They range from 6 feet to 5,300 feet deep with yields of 0.5 gallons per minute up to 3,465 gallons per minute. The average depth is around 200 feet with the average yield being around 25 gallons per minute.

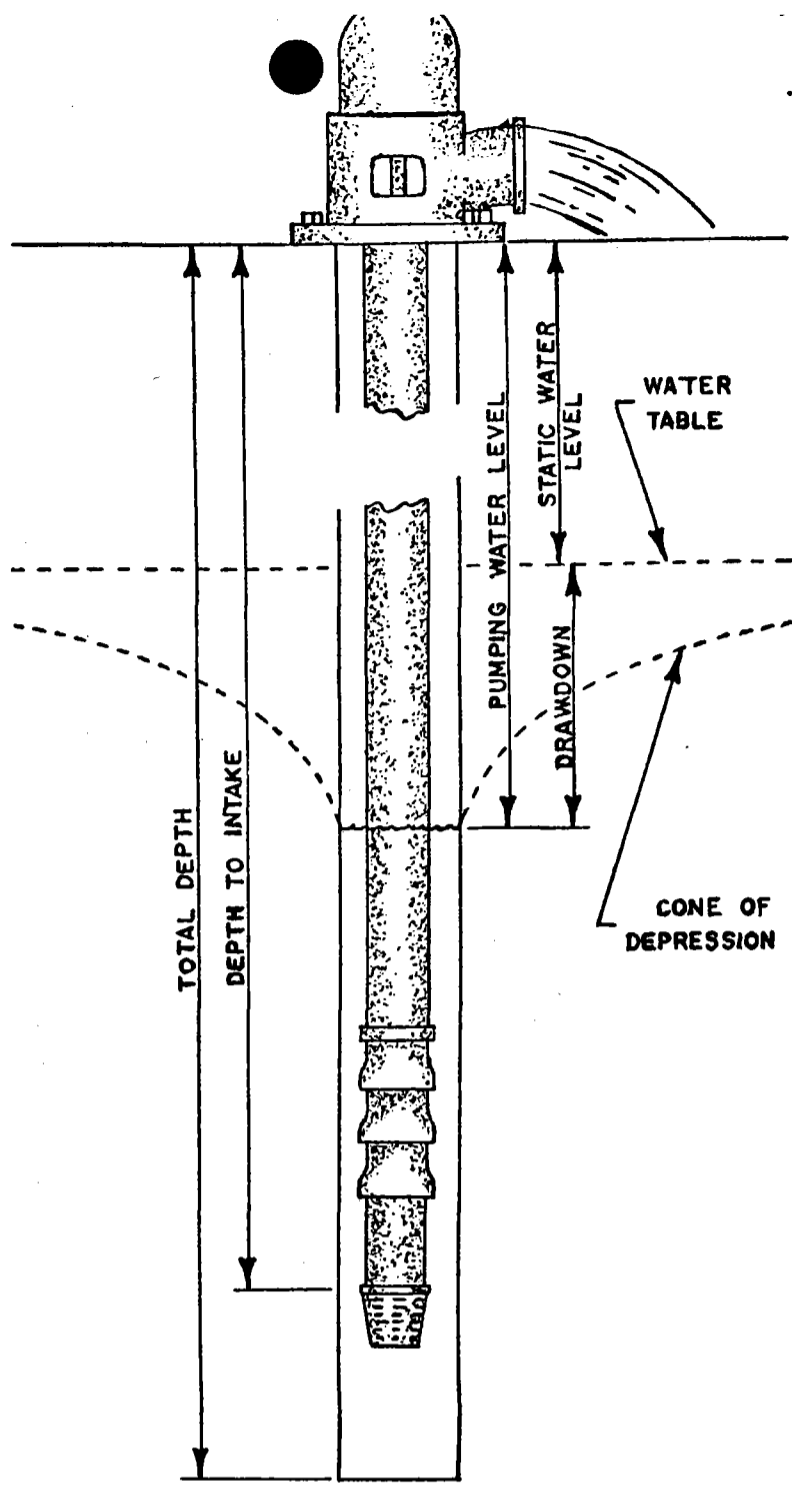
The 3,465 gallons per minute well is an artesian well located in District 53, and being used for irrigation purposes. The 5,300 feet well was drilled by McRae Oil Corporation in District 45, and has a yield of only 20 gallons per minute. The well was drilled for irrigation purposes.

**PUMP INSTALLATION REP**

Pump Make \_\_\_\_\_  
 Type \_\_\_\_\_  
 Powered by \_\_\_\_\_ HP \_\_\_\_\_  
 Pump Serial No. \_\_\_\_\_  
 Motor Serial No. \_\_\_\_\_  
 Date Installed \_\_\_\_\_  
 Pump Intake Depth \_\_\_\_\_  
 Remarks \_\_\_\_\_

**WELL TEST DATA WITH PERMANENT PUMP**

Date Tested \_\_\_\_\_  
 Static Water Level Prior to Test \_\_\_\_\_  
 Length of Test \_\_\_\_\_ Hours  
 Sustained yield (Metered) \_\_\_\_\_ GPM  
 Pumping Water Level \_\_\_\_\_  
 Remarks \_\_\_\_\_



**CONTRACTORS STATEMENT**

The undersigned, being duly sworn upon oath, deposes and says that he is the contractor of the well or pump installation described hereon; that he has read the statement made hereon; knows the content thereof, and that the same is true of his own knowledge.

Signature \_\_\_\_\_ License No. \_\_\_\_\_

State of Colorado, County of \_\_\_\_\_ SS

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.

My Commission expires: \_\_\_\_\_, 19 \_\_\_\_\_.

Notary Public \_\_\_\_\_

**FORM TO BE MADE OUT IN QUADRUPPLICATE: WHITE FORM must be an original copy on both sides and signed. WHITE AND GREEN copies must be filed with the State Engineer. PINK COPY is for the Owner and YELLOW COPY is for the Driller.**

Division 5  
Well Permits Issued  
by  
State

District	No. of Permits	Domestic	Commercial	Irrigation	Municipal	Other Use
36	158	148	6	2	2	0
37	24	18	2	0	2	2
38	118	102	7	4	2	3
39	41	40	0	1	0	0
45	19	19	0	0	0	0
50	25	25	0	0	0	0
51	258	254	1	0	3	0
52	0	0	0	0	0	0
53	4	4	0	0	0	0
70	2	0	1	1	0	0
72	4	4	0	0	0	0
Total	653	614	17	8	9	5

**III – F TRANSMOUNTAIN DIVERSIONS**



TRANSMOUNTAIN DIVERSIONS  
TO DIVISION I  
Tabulation 1972

<u>Name</u>	<u>Source</u>	<u>Recipient</u>	<u>Amount A.F. Diverted</u>	
			<u>10-1-1970 to 9-30-1971</u>	<u>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 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

### **III - G RESERVOIRS**

IIIG Reservoir Storage

The reservoir storage at the beginning of the season was above normal. Reservoir storage remained good throughout the entire season. Year-end storage for 1972 was above the 10-year average.

**IV-A AGRICULTURE**

#### IV 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.

Adverse weather conditions and an overall spring frost damaged approximately 85% of the fruit crop.

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

## **V COMPACTS AND COURT STIPULATIONS**

**VI - A DAMS**

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 36

## DAMS 21 FEET TO 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
-329	Reynolds Lake E. Smith	Summit	27	5S	77W	6th
-918	Tennile Clear Water American Metal Climax Inc.	Summit	23	7S	79W	6th
-1236	Sawmill Res. Enlargement Town of Breckenridge	Summit	1	7S	78W	6th



## DAMS OVER 35 FEET IN HEIGHT

<u>File No.</u>	<u>Name of Dam and Owner</u>	<u>County</u>	<u>Location Sec.</u>	<u>T.</u>	<u>R.</u>	<u>P.M.</u>
C-806	Black Creek Francis S. VanDerber	Summit	8	3S	79W	6th
C-981 C-981A	Upper Blue City of Colorado Springs	Summit		8S	78W	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

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-784	Homestake Creek Colo. G.F. & P.	Eagle	27	7S	81W	6th
Filing plat # 16831	L.E.D.E.	Eagle				6th
C-458	O-Z Otto Zurcher	Eagle	6	7S	83W	6th
C-1098	Whittaker Whittaker Land & Livestock Co.	Eagle	11	6S	83W	6th

## DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location		
			Sec.	T. R.	P.M.
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		

## DAMS 10 FEET TO 20 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
1-1024	Beaver Lake Colo. G.F. & P.	Gunnison	25	11S	88W	6th
1-87	Mc Nulty Thomas McNulty	Eagle	34	6S	87W	6th
1-403	Von Springs J.W. McNulty	Eagle	23	6S	87W	6th
1-409	Wildcat	Pitkin	25	9S	86W	6th
1-1215	Himmeland Miller Nichols	Pitkin	24	8S	83W	6th

## DAMS 21 FEET TO 25 FEET IN HEIGHT

File No.	Name of Dam and Owner	Location				
		County	Sec.	R.	T.	P.M.
103	Consolidated Etta U. Ralston	Garfield	19	6S	87W	6th
432	Crooked Creek Ralph B. Saffeels	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	10	9S	82W	6th
79 851 (Enlarg.)	Spring Park J.H. & H. R. Holmes	Eagle	22	7S	87W	6th
403	Von Springs No.2 J.W. McNulty	Eagle	23	6S	87W	6th
1118	Aspen City of Aspen	Pitkin	26	10S	85W	6th
1244	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.
C-1047	Adams Lake Brinkley B. Brown	Garfield	31/32	3S	89W	6th
			6/5	4S		

## DAMS OVER 35 FEET IN HEIGHT

<u>File No.</u>	<u>Name of Dam and Owner</u>	<u>County</u>	<u>Location Sec.</u>	<u>T.</u>	<u>R.</u>	<u>P.M.</u>
-200	Columbia The Columbia Oil Shale Refining Co.	Garfield	16	5S	95W	6th
-7 -149	Grassy Valley) Dam Harvey Gap ) The Farmers Irrigation Co.	Garfield	13	5S	92W	6th
119 533	Harris George E. Harris (Enlarg.)	Garfield	18	4S	93W	6th
786 786A	Medow Creek Colo. G.F. & P.	Garfield	7	3S	90W	6th
62	Park (West Elk or Goldsboroug) West Elk Land and Live Stock Co.	Garfield	19	4S	91W	6th
-119	Rifle Valley	Garfield	8	6S	93W	6th
-120	Ute Mesa Ute Mesa Res. & Irrig. Co.	Garfield	12	3S	92W	6th

DAMS 21 FEET TO 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location Sec.	T.	R.	P.M.
-680	L.M. Beaver L.M. & Jessie M. Beaver	Mesa	28	8S	91W	6th.



## DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
D-326	Haystack West Divide Creek Public Irrig. Dist.	Pitkin		9S	91W	6th
D-718 D-718A	Barton Porter Barton Porter	Garfield	15	6S	90W	6th

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 50

DAMS 10 FEET TO 20 FEET IN HEIGHT

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

May 6, 1969

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
98 } 113 }	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

## RESERVOIRS IN DISTRICT 50

FILE NO.	NAME OF DAM AND OWNER	GRAND COUNTY	SEC/TWP/RANGE LOCATION	HEIGHT	A.F
OAKS	OAKS RES.	HILL Cr.			22.3
	BARBER	SOURCE MUDDY			4290.0
	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
8/1/1932	RUDOLPH	SoFk, NoFk HILL			60.22
	RED DIRT	RED DIRT			496.3
	DIETRICH	CARTER			COND.
	TROUBLESOME	TROUBLESOM			1,072
	HJNMAN	MC GEE DRAW			600 +-
	MARTIN LILLY POND	MUDDY			
	WHIT PLEY PEAK	DIAMOND			800 +-
	PARSONS	CARTER			0.1
	MATHESON	TROUBLESOM			1,072
	ANTELOPE ENL'G	CARTER			102.5
	HAY PARK	E. FK. TROUBLESOME			20,115.9
	DR. BERARD	MUDDY			31,575.2

RESERVOIRS IN DISTRICT NO. 50

SHEET NO. 2

FILE NO.

NAMES OF DAM AND OWNER

GRAND CO.  
SOURCE

SEC/ TWP / R.

A.F.

HIDDEN VALLEY LAKE

MUDDY

3.742

PAUL POOL #2

MUDDY

0.736

GRAVEN

PASS

18

EAST FK.

E. FK. TROUBLEESOME

3,000

RABBIT EARS

MUDDY

61,594

HARTMAN No. 1

STAR GULCH

HARTMAN No.2

STAR GULCH

DUMONT LAKE

MUDDY CR.

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			P.M.
			Sec.	T.	R.	
C-1196	Cottonwood Horrace Button	Grand	2	1N	78W	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

## DAMS OVER 35 FEET IN HEIGHT

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



RESERVOIRS IN DISTRICT No. 51

File No.

NAME OF DAM AND OWNER	GRAND COUNTY SOURCE	SEC/ TWP/ RANGE	HEIGHT	A.F.
HINE	WILLIAMS FK.			80661.0
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&COW CR.			8.0
COLE	BATTLE			42.5
DALE	BATTLE			29.75
ANDERSON	BATTLE			1.75
GUSTFASON	<del>BATTLE</del> BULL RUN			79.9
GUSTFASON	<del>FRASER</del> SANDERS			<del>33.41</del> 33.41
LANGHOLEN	SANDERS			65.0
JOHNSON	SANDERS			26.4
SPACEK	SPACEK DRAW			<del>xxx</del> 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
MARTE-LINKE	NINE MILE			36.3
FRASER R. DIVERSION	FRASER			275 520 add'l.
FRASER R. DIVERSION	LITTLE VASQUES			75
" " "	VASQUES			275
VAVER #2	MEADOW			125
VAVER #1	MEADOW			30
RANCH CR.	MEADOW			<del>xxxx</del> 11,107.9
MEADOW CR.	MEADOW			294
<del>MEADOW</del>	<del>MEADOW</del>			

## RESERVOIRS IN DISTRICT No. 51

SHEET #2

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

## 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>
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 Ormund L. Hurt	Eagle		3S	84W 6th
C-1238	Christensen Res. Dam Wilbur Christensen	Grand	32	1S	81W 6th

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 53

DAMS 10 FEET TO 20 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location		
			Sec.	T.	R. P.M.
-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
-363	Crescent Lake No. 2 Ella May & W. Paul Hight	Garfield	4	2S	87W 6th
-559	Jack Holden Jack Holden	Routt	16	1N	84W 6th
-1200	White Owl USFS	Garfield	31	3S	88W 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			
			Sec.	T.	R.	P.M.
D-629	E.M. Curry Alsknas Clyde and Egeoria Rex Smith-O.S. Perry	Routt	35	2N	84W	6th
D-619	Grims-Brooks Charles E. & Wilbur S. Laurketal	Routt	9	1S	84W	6th
D-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

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 53

DAMS OVER 35 FEET IN HEIGHT

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

May 6, 1969

IRRIGATION DIVISION NO. \* 5

WATER DISTRICT NO. 72

DAMS 10 FEET TO 20 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			P.M.
			Sec.	T.	R.	
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	<u>3</u> 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	6 th
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



5

Irrigation Division No. 5 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-966, C-966A	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. <sup>5</sup> \* 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
O 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
C-774	Colby Horse Park Leon Lake Ditch & Res.Co.	Mesa	21	11S	93W	6th
C-450	Duvall No. 1 (king) Stadleman Bros ?	Mesa	27	13S	102W	6th
C-601½	John Egger No. 1 Dick Loyd	Mesa	8	11S	97W	6th
C-299	Fruita No. 1 Town of Fruita	Mesa	2	14S	102S	6th
C-342	G.H. & S. No. 2 C. W. Schrader	Mesa	28	13S	101W	6th
OC-126	Gillet	Mesa	23	8S	101W	6th
C-1180	Grand Mesa No. 6 Grand Mesa Res. Co.	Mesa	12	12S	96W	6th
C-402	Hallenbeck No. 2	Mesa	17	12S	96W	6th
C-859	Hartman Retention John Hartman	Mesa	32	1N	1E	Ute
C-525	Hawxhurst McCurry & Cadwell	Mesa	8	9S	94W	6th
C-382	King No. 1 Stadleman Bros (?)	Mesa	3	14S	101W	6th
C-620	King No. 2 Stadleman Bros (?)	Mesa		13S	101W	6th
C-623	L.B.C. Kirkendall E. Ray Hunter	Mesa	27	11S	93W	6th

Irrigation Division No. <sup>5</sup> 42, Water District No. 42 (cont'd)

Dams 21 Feet to 35 Feet in Height

File No.	Name of Dam and Owner	Location		T.	R.	P.M.
		County	Sec			
C-627	Mack Mesa Colo G.F. & P	Mesa	13	9S	103W	6th
C-584	McKelvie No. 1 (21')	Mesa	3	10S	93W	6th
C-851	Robert McKelvie (37')		10			
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	Thompson No. 1 (23)	Mesa	11	12S	102W	66h
C-646	Kenneth Thompson (38)					
C-486	Thompson No. 2 (25)	Mesa	2	12S	102W	6th
C-643	Kenneth Thompson (32)					
C-510	Thompson No. 3 Kenneth Thompson	Mesa	3	12S	102W	6th
C-594	Whale Neal B. Johnson	Mesa	19	11S	95W	6th

May 6, 1989

IRRIGATION DIVISION NO. 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	Carrier #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

**VII – A WATER RIGHTS TABULATIONS**

VII WATER RIGHTS

A. Tabulation

Status of correction is approximately 9/10 completed, with an estimated 3 months time needed for satisfactory completion of the Main Office commitment.

Wayne Wells is now with the Division 5 office and is devoting all his time to wells in this area. He is busy indexing all irrigation, domestic and commercial wells according to use, location, etc.; also making adjudication cards, checking well permits and helping the public with well permits and all their questions regarding same. Having Wayne here has taken a big burden off the shoulders of the rest of the staff.

B. Referee's Findings and Decrees

1. Underground water rights	105
2. Changes in water rights	12
3. Water Rights (absolute)	95
4. Diligence (cond. decrees)	250
5. Water storage rights	59

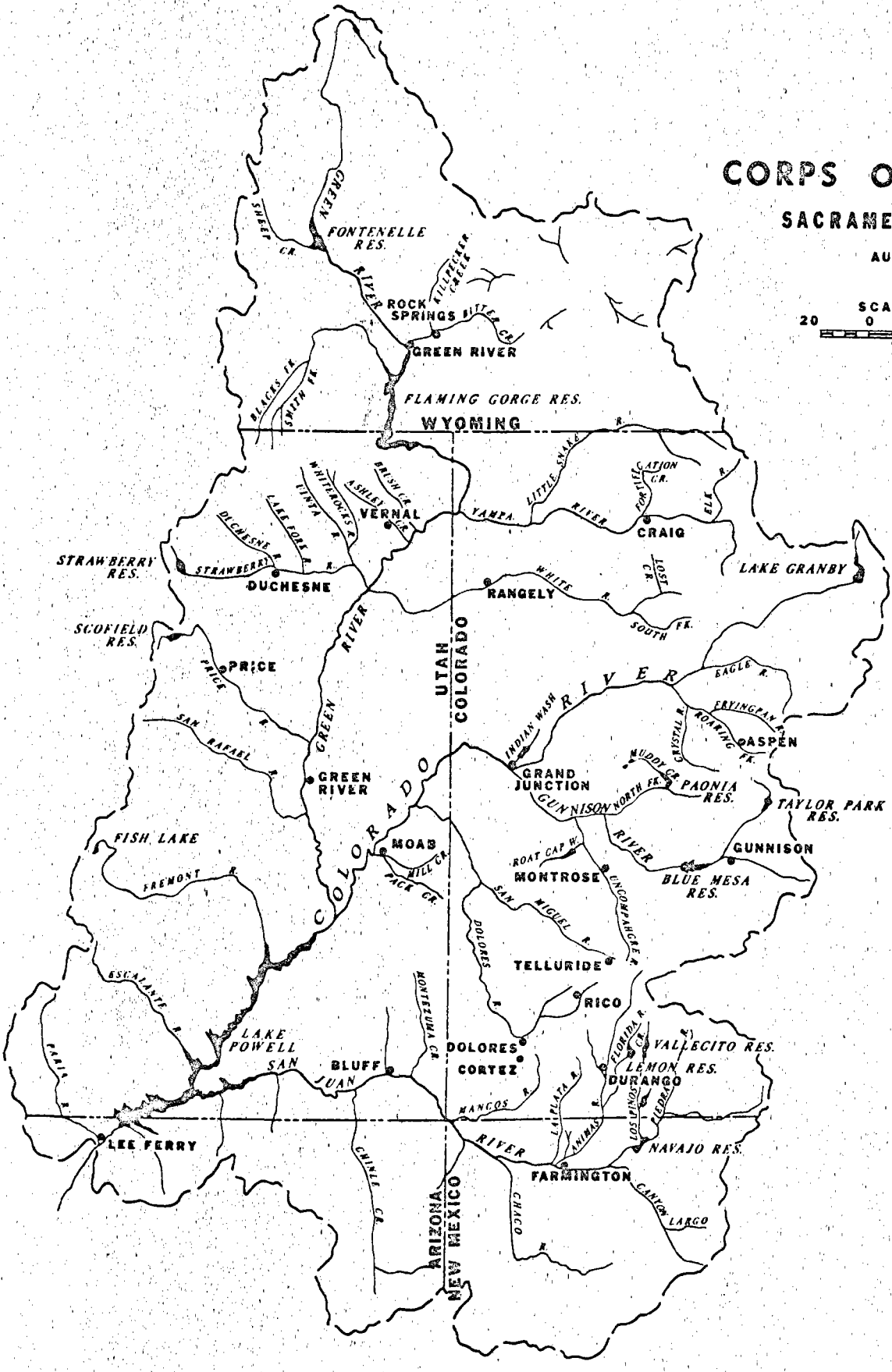
There are many decrees yet to be ruled upon. The Referee has been swamped and has had to get numerous time extensions on his rulings. He has no official secretary and has had to rely on this office and elsewhere for the typing of his decrees. He figures it will take another 5 to 6 months to get completely caught up.

6. APPLICATIONS RECEIVED IN WATER COURT	1276
7. REFEREE CONSULTATIONS	700

**VIII-AB 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 F. 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 Jouflas  
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 Beede  
Harold Mogensen  
Merle Motz  
Fred Hulbert

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

**IX WATER COMMISSIONER'S SUMMARY**

DIVISION #5

1971

RECAPITULATION OF THE WATER COMMISSIONERS REPORTS

DISTRICT #	DIRECT FLOW IN ACRE FEET	ACRE FEET RESERVOIR STORAGE	TOTAL ACRES IRRIGATED	NO. OF DITCHES	NO. OF RESERVOIRS	DEMAND AF/ACRE SEASON
X 36	111,733.6	409,918	16,072	380	12	7.30
37	205,018.2	64,000	19,161	380	8	8.83
38	484,247.0	107,234	52,882	380	17	9.15
39	21,736.0	115,229	25,288	152	8	8.60
45	68,467	6,600	24,971	164	3	2.71
50	75,595	6,600	19,288	106	8	1.92
51	153,781	561,140	37,510	204	13	1.09
52	27,031	3584	7040	128	5	3.83
53	117,586	29,262	25,522	381	22	1.50
70	24,088	NONE	10,854	95	NONE	2.21
72	1,282,459	48,159	94,291	865	194	13.60
TOTAL	2,571,711.80	1,376,726.00	333,179.00	3,235	290	6.98

DIVISION 5

RECAPITULATION OF WATER COMMISSIONERS REPORTS  
1972

DISTRICT No.	DIRECT FLOW IN ACRE FEET	ACRE FEET RESERVOIR STORAGE	TOTAL ACRES IRRIGATED	NUMBER OF DITCHES REPORTED	NUMBER OF RESERVOIRS REPORTED	DEMAND AF/ACRE / SEASON	Nb. DECREED RIGHTS	Nb. DECREED RIGHTS RESERVOIRS
36	119,250	412,000	15,627	380	39	7.63	380	39
37	194,300	49,700	19,048	380	23	10.20	380	23
38	547,900	115,700	64,602	527	35	8.98	641	35
39	133,300	134,000	24,360	251	21	5.47	261	22
45	71,600	1412	26,188	221	7	2.73	333	17
50	73,800.	7,400	19,807	95	17	3.72	171	38
51	93,200	662,670	27,800	107	18	3.35	472	67
52	28,300	88	8,108	161	13	3.49	161	13
53	113,400	5,600	37,727	386	58	3.00	386	58
70	17,550	420	4990	114	20	3.51	104	20
72	1,307,000	47,930	145,175	462	173	9.00	865	290
TOTAL	2,699,600	1,436,920	393,432	3,084	424	6.86	4,154	622

**IX – DIVISION ENGINEER'S SUMMARY**

DIVISION SUMMARY - DIVISION NO. 5  
Direct Flow Diversions  
1972

District	Total Ditches		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 Posts	Ditches to Control
	Reported	Active Inactive										
36		NA	119,250	15,627	7.63	430,708	3,700	NA	44,600		7	
37			194,300	19,048	10.20	13,325	5,800	17,500	110,000		8	
38			547,900	64,602	8.48	2,000	7,300	7,100	316,000		12	
39			133,300	24,360	5.47	-	-	-	-		7	
40			71,600	26,188	2.73	-	2,500	NA	-		19	
50			73,800	19,807	3.72	-	-	-	-		4	
51			93,200	27,800	3.35	350	5,110	2,600	365,945		5	
52			28,300	8,108	3.49	-	-	-	-		6	
53			113,400	37,727	3.00	820,000	4,800	-	-		8	
70			17,550	7,890	3.51	-	-	-	-		3	
72			1,307,000	142,275	9.0	428,359	7,937	-	-		73	
TOTALS			2,699,600	393,432	6.86	1,694,734	37,147	27,200	737,545		152	

NA = No Water Available NU = Non Use  
Transmountain Diversions: Designate either to or from Division



TABLE B

DIVISION SUMMARY - DIVISION NO. 5  
 Storage Report - Acre Feet  
 1972

Water 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
	11-1-71	5-1-72	10-31-72						
36					412,000				
37					49,700				
39					115,700				
45					134,000				
50					1412				
51					7,400				
52					662,670				
53					88				
70					5,600				
					420				
					47,930				
TOTALS					1,436,920				

DIVISION NO. 5

DITCH VISITATIONS BY DISTRICTS

	Estimated										Total in Division	
	Combined		Combined		Combined		Combined		Combined			
	51	50	52	53	36	37	38	39	45	70	72	
No. in Administration		340		513		782	610	172	180	83	685	3,365
Total No. Reported		310		513		760	380	152	102	95	405	2,717
No. Ditches Read Daily		0		0		0	0	7	43	3	73	126
No. Ditches 1 to 2 Times a Week		0		0		20	69	10	57	77	43	276
No. Ditches 1 to 2 Times a month, or over		12		2		25	20	18	17	3	52	149
No. Ditches Read 1 Time a Month		9		8		15	291	22	19	0	31	395
No. Ditches From Ranchers Information		300		20		0	0	3	43	0	14	380
No. Ditches Estimated		100		390		120	291	30	8	27	67	1,033
No. Ditches Not in Use		70		100		304	53	10	23	8	43	611
No. Ditches Remaining		130		40		260	194	40	94	83	362	1,203
No. Unadjudicated Ditches		20		20		22	60	7	3	9	1	142
Recorders		12		7		26	0	5	0	-	3	53
Daily Ditches Read - Not Same Ditch						16						

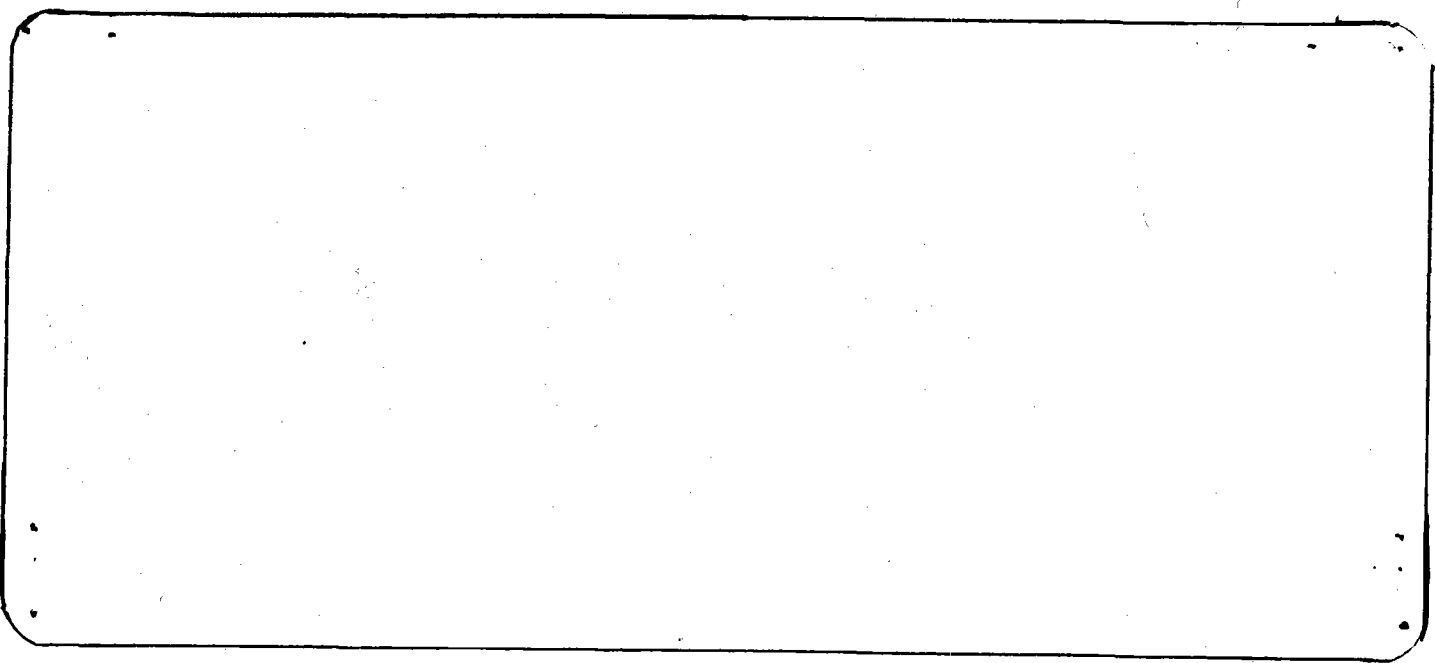
## **X - RECOMMENDATIONS AND SUGGESTIONS**

## 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.



Day	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1												
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3												
4												
5												
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28												
29												
30												
31												
Total												
Avg												
Acres												
Total												
DAYS												

Other Priorities \_\_\_\_\_ Meas. Device \_\_\_\_\_  
 First Day Used \_\_\_\_\_ Last Day Used \_\_\_\_\_  
 No. Days Carried \_\_\_\_\_ Average \_\_\_\_\_ A.F. \_\_\_\_\_ Acres \_\_\_\_\_  
 Total Amount in Decree \_\_\_\_\_ Structure Capacity \_\_\_\_\_  
 Acre Feet per Acre per Season \_\_\_\_\_ Type of Water \_\_\_\_\_

Notations:

	Nat.Flow	Project	Res.	Exchange
1st Day				
Last Day				
No. Days				
Average				
Total AF				

Signature