

JOHN A. LOVE  
Governor



C. J. KUIPER  
State Engineer

**DIVISION OF WATER RESOURCES**

~~BONARD L. SMITH, P.E.~~  
IRRIGATION DIVISION ENGINEER  
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**DIVISION OF WATER RESOURCES**  
**WATER DIVISION NO. 5**  
P. O. Box 396  
GLENWOOD SPRINGS, COLO. 81601

November 30, 1973

This annual report is hereby respectfully submitted to the  
State Engineer of Colorado for the water year 1972-1973.

Lee R. Enewold  
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, 1973

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, 1973, 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:

Name	Stream	Growth Pattern		Approx. Pop.
		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

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
Fruita	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 <sub>1</sub> , D <sub>1</sub>	A, B <sub>1</sub> , D <sub>1</sub>
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 <sub>1</sub> , C, D <sub>1</sub>	B <sub>1</sub> , C, D <sub>1</sub>
3	Colorado R. - Parachute Cr. Grand Valley	Colorado-Utah State Line	A, B <sub>2</sub> , C, D <sub>1</sub>	-----
4	Plateau Cr. & all trib. & standing bodies of water on main stem and tributaries.	Confluence with Colorado River	None	B <sub>1</sub> , D <sub>1</sub>

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 <sub>1</sub> , C, D <sub>1</sub>	B <sub>1</sub> , C, D <sub>1</sub>
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Justification - The Water Pollution Control Commission states that: Upstream we classify the Eagle River as A, B<sub>1</sub>, C, D<sub>1</sub>. Downstream we classify it as B<sub>1</sub>, C, D<sub>1</sub>. In between, the classification drops to C, D<sub>1</sub>. We again expect by some miraculous means that the stream will cleanse itself and become a B<sub>1</sub> stream again below the mouth of Gore Creek.

8a	Gore Creek and tributaries	Confluence with Eagle River	None	B <sub>1</sub> , C, D <sub>1</sub>
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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 <sub>1</sub> , D <sub>1</sub>	A, B <sub>1</sub> , D <sub>1</sub>
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CLASSIFICATIONS -

- A ----- Potable Supply
- B<sub>1</sub> ----- Cold Water Fishery
- B<sub>2</sub> ----- Warm Water Fishery
- C ----- Industrial
- D<sub>1</sub> ----- Irrigation
- D<sub>2</sub> ----- Livestock Watering

**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	13,697
Wells, Wayne	In Charge of Wells		Annual	2,303
Dalton, Ruth R.	Clerk Typist		Annual	-0-
Anderson, George	WC	70	8	7,206
Bieser, Robert	WD	72	6	2,391
Callicotte, Stephen	WC	38	10	7,057
Clem, John Colin	WC	45	8	4,622
Coultas, Tim**	WC		5	7,961
Cowden, Lewis S.	WC	36 & 37	Annual	16,966
Forster, Charles	WC	52 & 53	Annual	10,460
Gerry, Woodrow	WD	72	6	5,227
Gilbreath, Douglas	WD	72	3	1,859
Hawkins, Melvin***	WC	39	5	5,694
Held, J. Wesley***	WD	72	1	336
Hill, Clifford	WD	72	6	3,965
Jackson, Arlen	WD	38	2	3,465
Kemp, John	WC	50 & 51	7	3,343
Kenney, Donald	WD	72	6	4,092
Klocker, Marcus	WC	39	4	4,563
Nelson, Glen Gordon	WD	72	4	742
Rager, Cletus E.	WD	45	7	4,802
Reed, Miles	WD	72	4	1,252
Saunders, Woodrow	WC	72	Annual	13,293
Yeoman, Richard	WD	45	5	2,183
				<u>127,479</u>

\* Included November 1972

\*\* In Charge of Subdivisions

\*\*\* Retired

III - A SNOW PACK



III - B PRECIPITATION

III - C FLOODS

13 Ald AF + Sq. le *	Decree Cap. Total AF Res. Storage	14
34	420, 250	
65	221, 000	
67	538, 466	
80	158, 657	
97	868, 135	
02	195, 119	
41	88, 463	
996	2, 290, 090	
526		

DOES NOT INCLUDE  
TRANS ACCOUNTAIN DIVERSIONS

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November 15, 1972

TO: C. J. Kuiper, State Engineer

Attn: Grace Lehtonen

FROM: Division Engineer, Division 5

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

Precipitation and temperatures were near normal over the entire area. Reservoir inflows were near normal and year end storage is above normal on all projects. Some reservoirs are releasing more than their inflows in preparation for the expected next spring's runoff.

The regular annual meeting of the Battlement Water Supply Company was held in Rifle, Colorado October 5, 1972. Items included regular business and the subject of rebuilding reservoirs.

Wayne Wells attended the Colorado River Water Conservation District meeting held on October 17, 1972, in Glenwood Springs. The Board finalized the contract with Woodmoor Corporation on Bear Reservoir. They also discussed salinity and ecology.

A review of last year's operation, as well as reviewing current operation criteria, along with a bus tour of the Scottsbluff-Gering, Nebraska area, were features of the Bureau of Reclamation (Western Division) meeting in Scottsbluff on the 12th and 13th of October.

The Annual Operating Plan for the completed facilities of the Fryingpan-Arkansas Project was reviewed in Denver on October 18, 1972. A slide presentation of completed facilities, reservoir operation, and general items were discussed. Bill Smith, Lee Enewold and Bob Jesse represented the State Engineer.

The Denver Water Department staff reviewed progress of studies on the Eagle-Piney Extension of the Roberts Tunnel Collection System. The briefing took place at Dillon on October 20th, with a field trip and up to date information on the Eagle-Wolcott Extension, which would include construction of a major dam near Wolcott, Colorado.

Our best wishes to Deputy Richard Yeoman who broke his leg the first of October and will wear a full length cast for four or five months. Richard was showing a class of Colorado Mountain College students horsemanship - and how not to do it!

The Soil Conservation Service sponsored an all day workshop for the newly formed Colorado River Watershed Association at Rifle on October 31, 1972. Rural development, soil, water, financing and Senate Bill 35 were discussed at length.

The readings for the Colozado River have been curtailed for the season as of the first of November. The last readings we have are: Roaring Fork: 878 cfs, and Colorado River below Glenwood: 2488 wfs.

Sincerely,

Lee R. Enewold  
Division Engineer

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December 18, 1972

TO: C. J. Kulper, State Engineer

Attn: Grace Lehtonen

FROM: Division Engineer, Division 5

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

Division 5 appears to be headed for a good water year, with precipitation above normal, temperatures slightly below, and good carry-over storage.

A public hearing was held on November 3, 1972, at Grand Junction by the Water Pollution Control Commission. The subject proposed changes in the stream classifications of Colorado's streams. Several written statements were heard by the Commission. One of the better papers was presented by the Colorado Game, Fish & Parks (Division of Wildlife). The Commission took all of these comments and statements under advisement.

The Rural Development Committee for Region II met in Glenwood Springs at the AACS Office on November 16, 1972 for its monthly meeting. The discussion entailed rural housing, community problems and water. All were encouraged to participate in the Resources Conservation Development Committees.

A newly organized group called the Crystal Valley Environmental Protective Association, (CVEPA) held a public meeting at Redstone on November 31, 1972. The main topic for discussion was the granting of forest permits, water supply, and sewage disposal to the Marble Ski Corporation.

Dollie Saunders is still on the sick list after a flying trip to Denver and back. We wish Dollie the best for a speedy recovery.

Sincerely,

Lee R. Enewold  
Division Engineer

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January 17, 1973

TO: C. J. Kuiper, State Engineer

Attn: Grace Lehtonen

FROM: Division Engineer, Division 5

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

The limited number of snow courses measured the first part of January, 1973, indicated that the general conditions of the snow pack on all major river drainages is above normal. The Colorado River has a good outlook for the 1973 water season. The temperatures were below normal and the precipitation was moderate to heavy.

The highlight of December was the Division Engineers' Meeting on December 14 and 15. We the people in the field want the Denver Office of the State Engineer to know that the exchange of information is invaluable and a great help to efficient water management.

Division 5 staff has gone to work again making another series of corrections to the tabulation of water rights. Hopefully, one day the printout will be complete and correct.

The Water Referee Jean Cole reports that there have been approximately 1800 applications between January, 1970 and January, 1973. Of these 1800 there were 1000 structures adjudicated; 1000 wells adjudicated, and 340 miscellaneous applications.

Wayne Wells attended the Advisory Committee Meeting of the Natural Resources Management Program at Colorado Mountain College on December 15, 1972. Items discussed were: The use of professional specialists as part-time instructors, curriculum changes and an employment performance report on all 1972 graduates. Colorado Mountain College graduates are excellent sources for future Water Commissioners.

Sincerely,

Lee R. Enewold  
Division Engineer

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February 15, 1973

TO: C. J. Kuiper, State Engineer

Attn: Grace Lehtonen

FROM: Division Engineer, Division 5

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

Precipitation during January was below normal at the higher elevations and above normal at the lower elevations.

The 22nd annual meeting of the Four States Irrigation Council was held on January 11 and 12, 1973, hosted again by the (USBR) Reclamation at the Denver Federal Center. The workshop sessions, speakers and the banquet brought out a variety of subjects which were timely and informative. Water Resources was represented by Division Engineers Dugan Wilkinson and Lee Enewold.

A combined annual meeting of three local Soil Conservation Districts was held on January 16, 1973 at the Holiday Inn in Glenwood Springs. Regular business, water, financing and agricultural burning were discussed.

The monthly meeting of the Rural Development Committee, District 11, was held on January 18, 1973 at the Glenwood Springs Post Office. Input came from many sources, which included Soil Conservation Service, Bureau of Land Management, U. S. Forest Service, Garfield County Agent, State Forester and Dept. of Colorado Natural Resources.

Wayne Wells attended the 1st annual meeting of the Colorado River Water Conservation District held January 16, 1973 at the First National Bank in Glenwood Springs. Plans for the exchange of minutes of meetings with the Denver Water Board were discussed and approved. Mr. George Petre, Garfield County representative, stated that some type of special recognition should be given to Mr. Frank Delaney, the first attorney for the District, for his outstanding work done for the Western Slope. The Bureau of Reclamation discussed progress on the West Divide Project. They reported the Basalt Project study was completed. Also reported underway was a study to control 18 hot springs between Dotsero and Glenwood Springs, which contribute 230 thousand tons of salt to the Colorado River. Mr. Hibbs, with the Frying-Pan Valley Group, stated their opposition to the Northside Collection System. The group also claims the ecology is being harmed by the system.

The annual meeting of Water Commissioners and Deputies in Division 5 is scheduled for the 5th of April at the Denver Hotel in Glenwood Springs.

The Colorado River watersheds contain less average snowpack water content than the past three years.

Sincerely,

Lee R. Enewold

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March 17, 1973

TO: C. J. Kuiper, State Engineer

FROM: Division Engineer, Division 5

Attn: Grace Lehtonen

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

Season precipitation totals for October through February were 76% of normal. Temperatures were slightly below normal during the month of February. Current snowpacks have dropped below normal. Water supply outlook diminished approximately ten percent since February 1, 1973. Reservoir storage at the end of February remains above normal.

An evening meeting was held by the Oil Shale Regional Planning Commission (OSRPC) at Rifle on 22 February 1973, the second in a series of projected meetings. Planning has been split down into task forces. Each task force is responsible for a phase of planning. The areas of planning are health/welfare/migrant problems; housing; police/fire/ambulance; finance; recreation; water/sewer/solid waste land use; utilities and transportation. Hopefully, these problem areas will be solved, if and when oil shale booms!

The Water Referee is proceeding with due diligence on the applications before him. Mr. Cole reports that the case numbers are in the 1800s. The month of February was slow, which was welcome, as now maybe he can get caught up.

The Colorado Water Congress held their annual meeting in Denver on 27 February 1973. The all-day meeting with a luncheon speaker was interesting, timely and proved to be very productive when it comes to State water problems. Six resolutions were adopted. Mr. C. J. Kuiper, State Engineer, spoke to the group on "Water Administrative Programs of the State Engineer". Felix Sparks, Executive Director, Colorado Water Conservation Board, spoke on "The State Water Plan".

Jerry Williams, from the Weather Bureau in Salt Lake City, Utah, called our office last week. We discussed weather and fishing conditions and got reacquainted for the coming season. A daily call comes through from Salt Lake City during the time our recorders are in operation. Our stream gage station recorders will be activated some time in April.

Sincerely,

Lee R. Enewold  
Division Engineer



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April 23, 1973

TO: C. J. Kuiper, State Engineer

FROM: Division Engineer, Division 5

Attn: Grace Lehtonen

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

Precipitation totals (October - March) continued to be below normal. Since March 1st, most water supply forecasts have decreased to reflect the second month of below normal snowfall. Temperatures were generally a little below normal during the month of March. The end of March reservoir storage remained above normal.

The regular meeting of the Upper Colorado River Commission was held at 10:00 a.m. March 22, 1973, in Conference Room "G" in the basement at the Colorado State Capitol in Denver, Colorado. After a short meeting, the Commission adjourned to the Governor's Chambers to work on strategy concerning the Rainbow Bridge case. Water Resources was represented by Bill Mattern, Wes Signs, Lee Enewold, Dr. Jerry Danielson and Dr. Raziq Qazi.

The regularly scheduled meeting of the Rural Development Committee was called to order by the President, Ray Cogburn, at 10:00 a.m. on March 15, 1973. Items discussed were the Rural Development Act, Community Development Camp for Youth 10-12 Years of Age, and Water and Land Use Development.

Resolution proposed by Lee Enewold, Division 5 Engineer and Wes Signs, Division 6 Engineer - CONSIDERATION OF RESOLUTION BY COLORADO RIVER WATER CONSERVATION BOARD - MONUMENTATION OF LEGAL POINT OF DIVERSION - 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 Water Conservation Board urge the State Legislature to enact a law requiring the monumentation of all water rights.

We were pleased to have Sam Graebe from the Denver Office during the month of March. He was checking of well drillers and pump installers, not to mention some good fishing holes for later on this summer.

Our stream gage station recorders have not as yet been activated and we are reading them manually at the stream site. We are hoping to have them in operation before long.

Sincerely,

Lee R. Enewold  
Division Engineer

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May 18, 1973

TO: C. J. Kuiper, State Engineer

Attn: Grace Lehtonen

FROM: Lee R. Enewold, Division Engineer

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

Season precipitation totals for the month of April have increased over the past month. Temperatures were below normal and current snowpacks are slightly above normal. Water supply outlook should be generally favorable this season over the Colorado River Basin.

Most all reservoirs are releasing above the inflow to decrease their storage, anticipating a heavy spring runoff. Soil moisture conditions are reported as good.

The staff of Division 5 participated in the following meetings held during the month of April: Colorado River Water Conservation Board on 7 April 1973 at Glenwood; Rural Development Committee meeting on 19 April 1973; the Oil Shale Regional Planning Commission on 26 April 1973; and Division 6 Water Commissioners Meeting in Steamboat Springs on 2 April 1973.

Water Commissioners and Deputy Water Commissioners gathered at Glenwood Springs on 5 April 1973 for their annual pep talk and exchange of information. The main item of business during the day-long session was the activation of the statewide organization of Water Commissioners and Deputy Water Commissioners. Division 5 is backing the organization 100% with time and money. Varied personnel and water administration problems were discussed at length. Highlighting the days activities was the presentation of Certificates of Service signed by Governor Love, to WESLEY HELD and MELVIN HAWKINS. The awards were made by Bill Mattern of the Denver Office. We were pleased with their outstanding service and awards. Wes Signs, Division 6, Ralph Kelling, Division 4, and Jean Cole, Water Referee for Division 5, were in attendance. Bill Mattern and Don Moore from the Denver Office monitored the meeting. An evening dinner at the Stage Coach Inn in Carbondale was held in honor of the retiring Commissioners.

The Colorado River flows as of the 8th of May 1973 were: Dotsero, 2680 cfs; Roaring Fork, 1293 cfs; Colorado River below Glenwood Springs, 4220 cfs; and at Cameo, 4760 cfs.

Sincerely,

Lee R. Enewold  
Division Engineer

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XXX 396

June 19, 1973

TO: C. J. Kuiper, State Engineer

FROM: Lee R. Enewold, Division Engineer

Attn: Grace Lehtonen

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

Precipitation during May was generally well above normal in the mountain areas of the Colorado River shed. Except for a brief period of warm weather during the middle of the month, temperatures over the system were generally below normal. Reservoir inflows during May were near normal. Current total storage is 128 percent. It currently appears that the remaining snowpack is well above normal and most June 1 water supply forecasts reflected heavy May precipitation.

The Water Referee, Jean Cole, is taking a few well deserved days off as he is caught up with his rulings and is now waiting for the 60 day objection period before ruling on the next batch of applications. Jean reports that as of May 31 there have been approximately 1,920 water applications filed. Of these applications, he has ruled on about 1,700. Last year in May there were 500 applications, thus making an increase of about 1,400. The Water Referee, the Water Judge and the entire Water Court should be commended for the manner in which they handled these applications.

The Natural Resources class of Colorado Mountain College included instruction from the Division of Water Resources in their May curriculum. Kent Holt lectured, with a field demonstration on Hydrography; Wayne Wells on Water Wells, Headgates and Measuring Devices; and Lee Enewold on Water Administration, Trans-mountain Diversions and Water Resources in general.

Two informative meetings were held in Glenwood and were attended by members of Division 5. The Soil Conservation Service held a meeting on May 7 and the Rural Conservation and Development Committee meeting was May 17.

As there is plenty of water in all the rivers and small tributaries, all the Water Commissioners and Deputies are busy checking headgates and measuring flumes and watching for possible leaks in dams and reservoirs.

Alternating warm and cool periods have effectively regulated flows to a below flood stage level pp to the present time. The rivers have peaked twice and either we will have a third peak or the snow is going to stay up on top for the rest of the summer.

Colorado River flows - showing fluctuation:

	<u>Dotsero</u>	<u>Roaring Fork</u>	<u>Colorado River</u>	<u>Cameo</u>
May 3	1,820	887	3,046	3,500
May 22	9,987	4,810	14,530	17,820
June 6	5,610	2,210	7,800	9,552
June 15	12,068	8,484	19,320	22,900

Sincerely,

Lee R. Enewold  
Division Engineer

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July 19, 1973

TO: C. J. Kuiper, State Engineer

FROM: Lee R. Enewold, Division Engineer

Attn: Grace Lehtonen

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

Precipitation during June was below normal in most areas. Temperatures and reservoir inflow over the system were generally near normal during the month of June. Current total storage is 130% of normal, and after the peak flow of June 15 most streams have returned to normal.

The total acre feet for the month of June on the Colorado River below Glenwood was 739,724, as compared to the maximum of 798,600 acre feet recorded for June 1971.

Thanks to the watchful eyes and alert actions taken by Don Kenney (Deputy in WD 72), the YT Reservoir above Collbran was saved and disastrous effects were avoided. The reservoir filled almost overnight, and the downstream face showed signs of piping. Following the chain of command, an order was issued to lower the level of the reservoir by 10 feet. The dam has since been repaired.

We are sorry to report that E. D. "Bud" Bloye has suffered a severe heart attack and will be laid up for a while. Bud had planned on retiring this year to take a well-earned rest.

We wish to welcome aboard Miles Reed and Woodrow Gerry who are working as Deputies in District 72 under Woody Saunders. We also wish to welcome Tim Coultas to the Division 5 staff. Tim is taking his apprenticeship in the New Castle and Eagle areas.

Governor John Vanderhooff delivered the main address at the Colorado Water Wells Contractors Association meeting in Snowmass-at-Aspen on June 29 and 30 at the Wildwood Inn. The subject of the address was the history and future of water wells in Colorado. Mr. Harlan Erker of the Denver Office was a guest speaker and he talked about H.B. 1230 and H.B. 213.

The Rifle Ski Corporation held a meeting on June 21, 1973, in Rifle, Colorado. The concept and philosophy of a ski area development near Rifle, Colorado were reviewed. As National Forest lands are involved, the U. S. Forest Service assisted in the conducting of the meeting. Some 80 people attended, representing various government, state and private interests.

The Bureau of Reclamation, Region 7, held their annual Western Slope Water Operations Meeting for the Colorado-Big Thompson Project on June 15, 1973, at the Shadow Mountain Camp near Grand Lake. Bob Berling, United States Bureau of Reclamation, Loveland, gave the briefing.

The District 11 Rural Development Committee met on June 21, 1973. The meeting was held at the Post Office Building in Glenwood Springs. An inter-agency discussion on various problems was held.

The river flows on July 15, 1973 were: Dotsero, 5594 cfs; Roaring Fork, 3830 cfs; Glenwood Springs, 9760 cfs; and Cameo, 9630 cfs.

Sincerely,

Lee R. Enewold  
Division Engineer

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XXX 396

August 24, 1973

TO: C. J. Kuiper, State Engineer

FROM: Lee R. Enewold, Division Engineer

Attn: Grace Lehtonen

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

The first part of July was unseasonably warm and dry, but the temperatures for the remainder of the month were below normal. Precipitation was normal for July, while runoff was above normal in most areas of Division 5. Reservoir inflow during July was above normal with the current storage 133% of average.

On July 12, 1973, Atlantic Richfield (part of the Colony Group) conducted a tour of its Parachute Creek oil shale development. Those on the tour included Garfield County Commissioners and officials, along with local and state officials. The tour started with mining operations, carried through crushing, retorting, and ended with revegetation of the spent oil shale. A very enjoyable and enlightening insight to one method of oil shale recovery.

Highlighting the Colorado River Water Conservation District meeting on 17 July, 1973 in Glenwood Springs was an informal discussion given by Mr. C. J. Kuiper, State Engineer, on water problems and legislation affecting water administration. Other discussions were presented by the U.S. Forest Service, U.S.G.S., and U.S. Bureau of Reclamation.

Glenwood Springs was the meeting place for Water Resources personnel from Divisions 1, 4, 5, and 6, and the Denver Office of the State Engineer. The day long session on 27 July was held at the Denver Hotel with Bill Mattern, Supervising Engineer, conducting the meeting. The subject was "Supervisors Performance Planning and Review". The new system of review and evaluation should help all state employees to perform his or her job more efficiently.

We are sad to report that Bud Bloye, Assistant Division Engineer, who was recovering nicely from his heart attack, is back in the hospital.

Running the river in rafts and kayaks has become such a popular sport that the fisherman can hardly get a line wet in between them.

Gaging station readings as of 15 August were: Roaring Fork, 1348 cfs; Dotsero, 2200 cfs; Colorado River below Glenwood, 3280; and Cameo, 3700 cfs.

Sincerely,

Lee R. Enewold  
Division Engineer

Gaging station readings as of September 15 were: Roaring Fork, 896 cfs; Dotsero, 1333 cfs; Colorado River below Glenwood, 2440 cfs.

Sincerely,

Lee R. Enewold  
Division Engineer



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XXX 396

September 20, 1973

TO: C. J. Kuiper, State Engineer

FROM: Lee R. Enewold, Division Engineer

Attn: Grace Lehtonen

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

Temperatures averaged near normal during the month of August, but the precipitation total was below normal. Water for the 1973 water year will be way above normal. Most reservoirs are still full with current reservoir storage at 133% of the 1963-1972 average.

Thanks to a welcome visit by Will Burt, the Division of Water Resources representative at the Ft. Collins Computer Center, the Division was able to complete corrections for the October tabulation. It takes an expert in the field to properly feed information to the "monster".

On the 29th of August, Clee Sealing from the Division of Wildlife, asked the Division of Water Resources to close the gates of Crescent Reservoir. "Texas" suckers had all but taken over! To kill the fish in the lake, Sealing flew the crew in by helicopter. The count tallied 17 game fish and 500,000 + or - suckers, but no mackinaw.

The biennial summer tour of the Four States Irrigation Council was held in Pueblo, Colorado, August 16-19. The tour included visits to the rich agricultural area of the Arkansas Valley near Rocky Ford, Colorado; the Colorado Fuel and Iron facilities in Pueblo, including their experimental farm; the construction of Pueblo Dam, terminal reservoir for the Fryingpan-Arkansas Project; Twin Lakes pumpback storage; and all West Slope facilities of the Fry-Ark Project. State Engineer, C. J. Kuiper, discussed water problems with the group at lunch on 17th of August. Divisions 1 and 5 were represented by Jim Clarke and Lee Enewold.

We wish to welcome Arlen Jackson as Deputy Water Commissioner in District 38 on Cattle Creek.

John Kemp, Bud Bloye and Woodrow Gerry are recovering nicely from all their injuries and illnesses.

Wayne Wells raided his folks feedlot in Wray, Colorado, and brought back some red meat. We're waiting for an invitation to a steak dinner.

Lee Enewold has recently become a Grandpa. Errik is the baby's name and Marty and Lee are proud grandparents.

XXXXXXXXXXXXXXXXXX

XXX 396

October 23, 1973

TO: C. J. Kuiper, State Engineer

FROM: Lee R. Enewold, Division Engineer

Attn: Grace Lehtonen

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

Precipitation during September was generally below normal, with the 1973 water year total still near normal. Temperatures were below normal the first three weeks of September and near normal the last week.

Reservoir storage decreased and reservoir inflows were below normal during the month of September, but the storage capacity remained exceptionally high with 79% of total storage capacity.

Jerry Williams from the Weather Bureau in Salt Lake City, visited us on the 18th of September. We discussed the telemeters, flood control and many other interesting items concerning the Colorado River Water Resources network.

The Division Engineer attended the Western State Engineers Conference, hosted by President C. J. Kuiper, held at Steamboat Springs September 12 - 15. The meeting was very productive. A well rounded wealth of knowledge was exchanged between various State Engineers, regions and agencies.

Crops, mainly hay and fruit, were so high in yield this year that labor could not be found to harvest the bumper crop. It just doesn't seem right to see it all go to waste.

Meetings were held during the month of September with Water Resources input which included: Rural Development Committee, Council of Governments, Water Pollution Control and Eagle County Subdivision Review Committee.

Gaging station readings as of 15 October were: Roaring Fork, 815 cfs and the Colorado River below Glenwood, 2280 cfs.

Sincerely,

Lee R. Enewold  
Division Engineer

XXXXXXXXXXXXXXXXXXXX

XXX 396

November 21, 1973

TO: C. J. Kuiper, State Engineer

FROM: Lee R. Enewold, Division Engineer

Attn: Grace Lehtonen

SUBJECT: NEWSLETTER FOR THE DIVISION OF WATER RESOURCES

As every office is deluged with deadlines at this time of the year, the NEWSLETTER sort of gets neglected. However, we are taking time out to report the news as it happened.

The precipitation for October was below normal with the temperatures above normal. Reservoir storage is still above normal with some reservoirs having carry-over storage. Big game hunting season is over and the Division of Wildlife reports the game kill is up over last year, but most hunters won't agree with the report, as the summer-like weather kept the game up high and very elusive.

The Water Referee reports that he is caught up on all of his rulings, which total 1,971. Many field investigations of well and surface applications have been reviewed by the Referee with the division staff during the month of October.

The monthly meeting of the Eagle County Subdivision Technical Review Committee was held on October 4, 1973. The committee is made up of representatives from various county, state, and federal agencies. Tim Coultas, Deputy Water Commissioner (Senate Bill 35), is a member of this committee. Plans for developments in Eagle County were presented and discussed by the committee with the developers. The committee was set up to aid the county commissioners in making subdivision rulings.

A meeting with federal and state representatives and other interested parties was held on October 25, 1973, at the Denver Federal Center. Purpose for the meeting was to review the past year's actual operation as well as review current criteria, prior to the initiating work on the 1973-1974 Annual Operating Plan for the completed facilities of the Fryingpan-Arkansas Project.

Grand Junction's Radada Inn was the meeting place for federal and state representatives and other interested parties. The October 30th meeting was held to review past operations and future plans of the Bureau of Reclamation Missouri Basin Program. The meeting was followed by an interesting tour of irrigation features in and around Palisade, Colorado.

On October 10, Bud Bloye was honored by a dinner given by the Association of Water Commissioners and Deputies. Bud and his wife enjoyed a delicious meal at the Stage Coach Inn in Carbondale with all his coworkers. Bill Mattern and Sam Graeb from the Denver Office, and Ralph Kelling from Division 4, drove to Glenwood to help all of us celebrate Bud's retirement.

Sincerely,

Lee R. Enewold  
Division Engineer

**III - E UNDERGROUND WATER**

Division 5

Wells Adjudicated In The  
Water Court

District	No. of Applications	Domestic	Commercial	Irrigation	Municipal	Other Use
36		88	20	11	21	21
37		15	1	5	8	5
38		313	26	65	16	92
39		106	14	19	1	39
45		58	0	20	3	34
50		9	0	1	0	6
51		198	52	33	14	76
52		4	0	3	0	2
53		34	1	7	0	17
70		27	0	24	0	19
72		52	1	13	2	12
TOTAL	1608	904	115	201	65	323

### IIIE

#### A UNDERGROUND WATER

We have about 2,574 wells in our April 1973 well printout. 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.

III - F TRANSMOUNTAIN DIVERSIONS

Name

Adams Tunnel

Grand River D

Berthoud Pass

Eureka Ditch

Moffat Tunnel

Williams Fork  
(Jones Pass)

Hoosier Pass T

Boreas Pass

Roberts Tunnel

Vidler Tunnel

TRANSMOUNTAIN DIVERSIONS  
TO DIVISION I  
Tabulation 1973

<u>Name</u>	<u>Source</u>	<u>Recipient</u>	<u>Amount A.F. Diverted</u>	
			<u>10-1-1971 to 9-30-1972</u>	<u>10-1-1972 to 9-30-1973</u>
Adams Tunnel	Grand Lake Division 5	Big Thompson	235,000 AF	230,690 AF
Grand River Ditch	Colorado River Division 5	Ft. Collins Water & Storage	18,930 AF	14,380 AF
Berthoud Pass Ditch	Fraser River Division 5	Platte River	473 AF	784 AF
Eureka Ditch	Colorado River Division 5	Platte River	55 AF	0*
Mofat Tunnel	Fraser River Division 5	Platte River	60,360 AF	33,170 AF
Williams Fork T. (Jones Pass)	Williams Fork Division 5	Platte River	6,480 AF	970 AF
Hoosier Pass T.	Blue River Division 5	Platte River	10,410 AF	5,710 AF
Boreas Pass	Blue River Division 5	Platte River	0 AF	0*
Roberts Tunnel	Blue River Division 5	Platte River	34,190 AF	2,250 AF
Vidler Tunnel	Colorado River Division 5	Platte River	47 AF	55 AF
<u>TOTAL</u>			<u>365,945 AF</u>	<u>288,009 AF</u>



III - G RESERVOIRS

IV-A AGRICULTURE

V COMPACTS AND COURT STIPULATIONS

## DAMS 21 FEET TO 35 FEET IN HEIGHT

Le 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 Clinax Inc.	Summit	23	7S	79W	6th
1236	Sawmill Res. Enlargement Town of Breckenridge	Summit	1	7S	78W	6th

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 35

## 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-981 C-981A	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

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
1-1098	Whittaker Whittaker Land & Livestock Co.	Eagle	11	6S	83W 6th

DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Case	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			P.M.
			Sec.	T.	R.	
C-1024	Beaver Lake Colo. G.F. & P.	Gunnison	25	11S	88W	6th
C-87	Mc Nulty Thomas McNulty	Eagle	34	6S	87W	6th
C-403	Von Springs J.W. McNulty	Eagle	23	6S	87W	6th
C-409	Wildcat	Pitkin	25	9S	86W	6th
C-1215	Hirvacland 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 Elta U. Ralston	Garfield	19	6S	87W	6th
132	Crooked Creek Ralph B. Saffells	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	7	9S	82W	6th
79 551 (Enlarg.)	Spring Park J.H. & H. R. Holmes	Eagle	22	7S	87W	6th
403	Von Springs No.2 J.W. McMulty	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	<u>31/32</u> 6/5	3S 4S	89W 6th

DAMS OVER 35 FEET IN HEIGHT

Dam 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
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	Location				
		County	Sec.	T.	R.	P.M.
1-680	L.M. Beaver L.M. & Jessie M. Beaver	Mesa	28	6S	91W	6th.

IRRIGATION DIVISION NO. 5

WATER DISTRICT NO. 43

DAMS OVER 35 FEET IN HEIGHT

File No.	Name of Dam and Owner	County	Location			
			Sec.	T.	R.	P.M.
326	Haystack West Divide Creek Public Irrig. Dist.	Pitkin		9S	91W	6th
718 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	County	Location			
			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	Location				
		County	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, 1909

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 } 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



RESERVOIRS IN DISTRICT 50

FILE NO.	NAME OF DAM AND OWNER	GRAND COUNTY	SIC/TWP/RANGE LOCATION	HEIGHT	A.F.
RKXK	OAKS R S.	HILL CR.	CUNNINGG.		22.3
	RANBER	SCOURE	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
	RUDOLPH	SoFk, NoFk HILL			60.22
	RED DIRT	RED DIRT			496.3
	DIETRICH	CARTER			COND.
	TROUBLESOME	TROUBLESOM			1,072
	HUNMAN	MC CEE DRAW			600 +-
	MARTIN LILLY POND	MUDDY			
	WHIT LBY PEAK	DIAMOND			800 +-
	PARSONS	CARRER			0.2
	MATHERSON	TROUBLESOM			1,072
	ANTELOPE BRIL'G	CARTER			109.5
	MAY PARK	E. PK. TROUBLESOME			20,115.9
	DE WARD	MUDDY			31,575.2

2/1/1932

FILE NO.	RESERVOIRS IN DISTRICT	NO. 50	GRAND CO. SOURCE	SEC/ TWP / R.	SHEET NO. 2 A.F.
	HIDDEN VALLEY LAKE		MUDDY		3.712
	PAUL POOL #2		MUDDY		0.736
	CRAWEN		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.		

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 Herrace 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.
C-556	Hankison(Walden Hollow Gulch)	Grand	30	2N	75W	6th
C-956	Meadow Creek Ranch Collection System City of Englewood	Grand	14	1N	75W	6th
C-448	Phency C.R.-P.E. & W. Tauning	Grand	29	1N	79W	6th
C-1076	Scholl Robert Scholl	Grand	14	2N	79W	6th
OC-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

RESERVOIRS IN DISTRICT No. 51

File No.	NAME OF DAM AND OWNER	GRAND COUNTY SOURCE	SEC/ TWP/ RANGE HEIGHT	A.F.
	FINE	WILLIAMS FK.		8061.0
	MOORE	"		223.0
	THOMAS	"		222.5
	UTE PARK	"		73,248
	SPRINGDALE	"		8.00
	GREGERSON	"		37.96
		KENNEY CR.		
	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	<del>BATTLE</del> BULL RUN		79.9
	GUSTFASON	<del>BYNEXXX</del> SANDERS		<del>3.25</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
	WAVAR #2	MEADOW		125
	WAVAR #1	MEADOW		30
	RANCH CR.	MEADOW		<del>xxxx</del> 11,107.9
	MEADOW CR.	MEADOW		294
	<del>XXXXXXXXXX</del>	<del>XXXXXXXXXX</del>		

## 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	GENNE JIM CR.		75.0
	TRUETT	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		110.77
	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

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	Hart Ormund L. Hart	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

Dds. No.	Name of Dam and Owner	County	Location		
			Sec.	T.	R. P.M.
-363	Mackinaw Lake Crescent Lake No. 1 C.P., 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.
C-629	E.M. Curry Alsknas Clyde and Egeoria 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

May 6, 1963

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			
			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 Feters & 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

## 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	Sterner 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

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
C-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

5  
Irrigation Division No. 42 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 N<sup>o</sup> 5, 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

VII - A WATER RIGHTS TABULATIONS



VII - B REFEREE'S FINDINGS AND DECREES

... 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

	No. DECREEE RIGHTS DIVERS	No. DECREEE RIGHTS RESERVED
1	380	39
0	380	23
3	641	35
4	261	22
3	353	17
2	171	58
1	472	67
0	161	13
	386	58
	104	20
	865	290
	4,154	622

TABLE A  
 DIVISION SUMMARY - DIVISION NO. 5  
 Direct Flow Diversions  
 1973  
 Piscatory

Water District	Total Ditches		Direct Diversions Ac.Ft.	No. of Acres Irrigated	Ac.Ft. Per Acre	Industrial Use Diversions Ac.Ft.	Municipal Use Diversions Ac.Ft.	Recreation Use Diversions Ac.Ft.	Trans Mtn. Diversions Ac.Ft.	Total Diversions Ac.Ft.	No. of Daily Ditch Rotns.	Believed to be Connected to Government
	Reported Active	Inactivated NA NU										
36	119	261	95,117	12,909	7.4	235,561	3,022		8,015 From	191,659		
37	143	230	178,809	16,113	11.1	15,844	4,260	19,152		179,248		19,152
38	345	270	650,068	63,132	10.3	3,650	15,307	22,650		737,966		
39	132	140	119,955	14,506	8.3		898			119,955		
40	130	192	93,043	26,550	3.5		81		1,234	93,043		
50	48	176	55,931	12,445	4.5				34,924 From	55,931		
51	65	402	103,196	11,550	8.9		10,199			103,196		1248
52	66	98	24,412	8,194	3.0					8,194		
53	171	245	78,925	28,862	2.7	854,016	5,532			78,925		
70	63	44	80,602*	10,155	7.9					80,602		
72	166	301	812,725	149,306	5.4	443,483	10,002		4,530	1,283,765		46,270
TOTALS	1448	2359	2,292,783	353,722	73.0	1,552,554	49,301	41,802	48,703 D:V:Z Report Not Available	2,932,984		66,670

A = No Water Available NU = Non Use \* Includes Buses, Stumps, etc.

Transmountain Diversions: Designate either to or from Division.

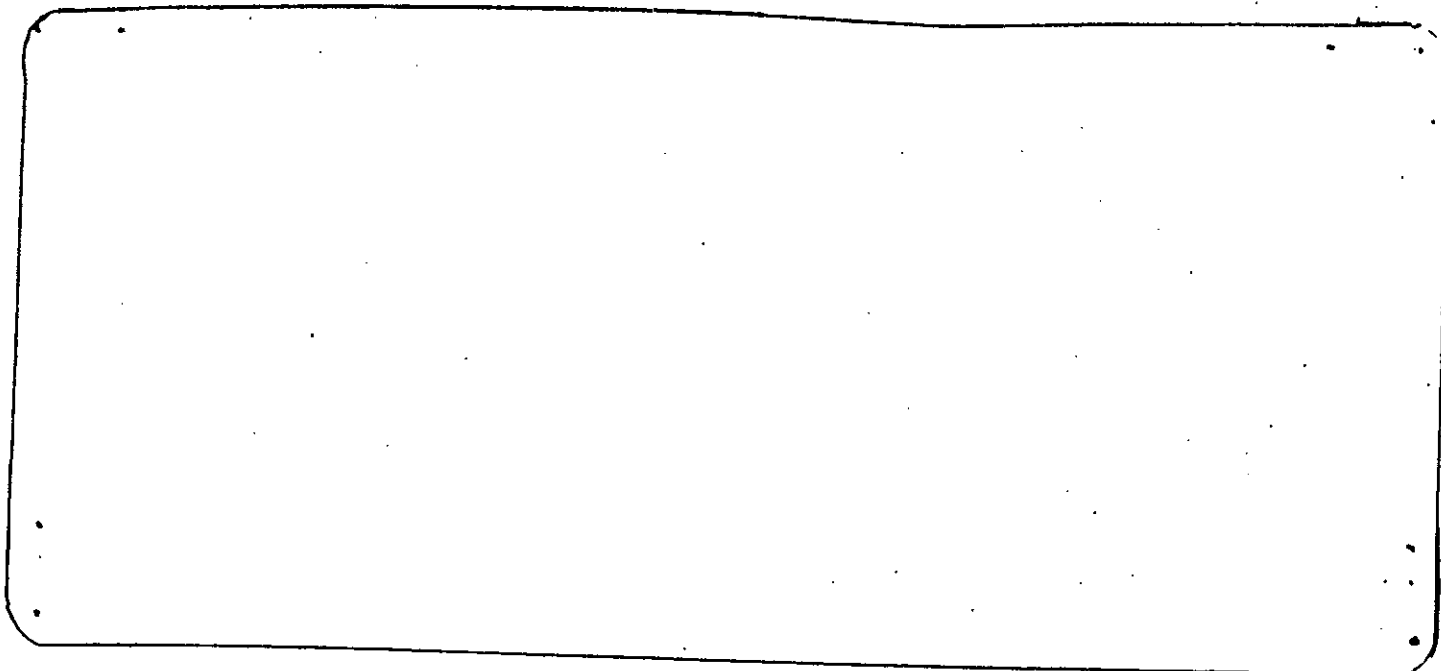
TABLE B

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

Water 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								
35	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	372,245		312,77	416.0	3,340	26,546	27,404	26,546	27,404
39	6,345	11,966	6,345		12,308	6169.0		1100	146,991		146,991
45					4,642	1,908.0			18,279	3,902	18,279
50					0						
51	631,492	454,263	544,821		364,068		32,852		362,717	202,573	362,717
52	0	66	0		116	116					
53		6,812	4,217		3,121	2661			3,416		3,416
70					0						
TOTALS	1,023,367	911,721	980,779		652,978	54,708	127,608	31,464	1,019,807	422,590	1,020,328
					44,033	42,679	8,121	638	45,699	32,700	46,200

**RECOMMENDATIONS AND SUGGESTIONS**





Day	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Total												
Avg												
Acres												
Total												
DAYS												

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

Notations:

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

Signature

JOHN A. LOVE  
Governor



C. J. KUIPER  
State Engineer

## DIVISION OF WATER RESOURCES

~~XXXXXXXXXXXXXX~~  
IRRIGATION DIVISION ENGINEER  
P. O. BOX ~~826~~ 396  
GLENWOOD SPRINGS, COLORADO 81601  
OFFICE: 945-5665 HOME: 945-6911

April 13, 1973

Mr. C. J. Kuiper  
State Engineer  
1845 Sherman St.  
Denver, Colorado 80203

Dear Mr. Kuiper:

After a review of the tasks and educational requirements of Water Commissioners and Deputy Water Commissioners, I have concluded that the business of water administration has rapidly changed and is a whole new ball game. We can no longer rely on some individual living on a stream to turn the water and keep records in the manner in which the State Legislature has set down in the law. We can no longer expect a part-time employee to be readily at our disposal; nor can we expect to attract the class of people who will be administering one of Colorado's most valuable resources. Further, we cannot expect a part-time employee to work 30 days in one month and be paid for 22.

With this in mind, I am asking for 6 (six) full time Water Commissioners for Division 5, with seasonal help to take care of the fast spring runoff.

We feel the full time Water Commissioners can be utilized in the winter months to perform tasks which are vital to the future of Colorado's water resources. These functions are as follows:

1. Tabulate the owners of water rights. Ownerships are needed by the Court to notify owners of pending litigation. Engineers, Realtors, Planners, Land Banks, Commercial Banks and other lending institutions consistently ask ~~for~~ the State Engineer for this information.
2. Public relations can best be accomplished in the winter when the water users have time to discuss their water problems.
3. Compile a list of water users for the abandonment procedure, and work with owners to prevent the loss of rights by abandonment.
4. Compile an accurate figure for irrigated acreages in the Division by planimetrying aerial photos.
5. Take an active part in the adjudication process by helping the Water Referee with his findings.
6. Locate and help monument headgates and other legal points of diversion.
7. Inform the water right users of any conditional decrees not yet made absolute and helping them to perfect their rights.
8. Tabulate priorities for the computer printout (water rights inventory).
9. Complete the historic data required to show historic use of diversion.
10. Work with other agencies in the snow surveys of the state (lack of federal funds has curtailed the snow course information). The Soil Conservation Service is dropping this function.

11. Assist in the location of wells and establishing a record of these.
12. Keep records of winter reservoir storage and the location of stock water ponds.
13. Keep records of winter municipal water usage, along with domestic and power water.
14. Assist in the runoff predictions tied to the Weather Bureau's river stage forecasting.
15. Demonstrate to the water users the use of measuring devices and proper installation of same. Assist in proper headgate location and diversion dams, so as to get the maximum possible use of water rights.

Sincerely,

Lee R. Enewold  
Division Engineer

LRE/rd

RESOLUTION PROPOSED BY LEE ENEWOLD, DIVISION 5 ENGINEER

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

WHEREAS, <sup>STATUTES</sup> 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,

<sup>W</sup> 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,

WHEREAS, <sup>BASIN</sup> 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

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*