

STATE OF COLORADO

**DIVISION OF WATER RESOURCES
WATER DIVISION SIX**

Office of the State Engineer
Department of Natural Resources
625 South Lincoln Avenue, #104
P.O. Box 773450
Steamboat Springs, Colorado 80477
Phone (303) 879-0272



Roy Romer
Governor
James S. Lochhead
Executive Director
Hal D. Simpson
State Engineer
Edward W. Blank
Division Engineer

February 10, 1995

Hal D. Simpson
State Engineer
Centennial Building Room 818
1313 Sherman Street
Denver, CO 80203

Dear Hal:

On behalf of the staff of Division VI, I submit for your review, the 1994 Annual Report.

I appreciate the support and assistance of my staff, and the State Engineer's office in fulfilling the responsibilities of water administration in Division VI. Once again, our combined efforts will be necessary to meet the challenges of the 1995 water year.

Sincerely,

Edward W. Blank
Division Engineer

EWB/lcp

ANNUAL REPORT
WATER DIVISION VI

1994 Irrigation Year
November 1, 1993 thru October 31, 1994

Edward W. Blank
Division Engineer

TABLE OF CONTENTS

I. WATER ADMINISTRATION

A. Water Year 1994

1. Accomplishments

a. Water Administration 1

Upper Colorado River Compact
Nebraska vs. Wyoming Decree
Pot Creek

b. Dam Safety 2

c. Hydrographic Program 2

d. Ground Water and Well Permitting 3

e. Water Records and Information 3

f. Special Projects 3

2. Milestones in Water Issues 4

Court Cases, Legislation, New Developments

3. Involvement in the Water User Community 4

4. Unaddressed Water Issues 5

5. Workload Changes Which Affect the Division 5

B. Coming Water Year 1995

1. Key Objectives 6

2. Legislative, Policy and Other Changes 6

Legislative Liaison
Public Education and Informational Meetings

II. WATER ADMINISTRATION DATA SUMMARIES

A. Transmountain Diversions

1. Inflows	7
2. Outflows	8

B. Storage Water	9-12
------------------------	------

C. Water Diversions	13
---------------------------	----

D. Water Diversions to Various Uses.....	14
--	----

E. Water Court Activities.....	15
--------------------------------	----

F. River Calls.....	16-18
---------------------	-------

Office Administration and Worload Measures.....	19
---	----

WATER ADMINISTRATION

Water Year 1994

1. Accomplishments

a. Water Administration

Above average precipitation during the fall and early winter raised hopes that the snowpack would again be above average. However, late winter and early spring weather was warmer and drier than normal. The result was a final snowpack that was slightly below average. The effect of a warm and windy spring and summer was an early and below normal runoff. Final basin yields were only 45 to 50% of normal. Record low flows were recorded in several locations during late August and early September. Reservoir releases to provide irrigation water has depleted the storage in all irrigation reservoirs. The Division staff are to be commended for their many long, hard hours spent distributing a very limited supply of water. Timely and effective actions by the Water Commissioners kept potential conflicts under control.

Upper Colorado River Compact

Article XIII (a) specifies that the State of Colorado will not cause the flow of the Yampa River at the Maybell gauge to be depleted below an aggregate of 5,000,000 acre feet for any period of ten consecutive years. This obligation was satisfied during the period 1985-1994.

Article XI apportions the consumptive use of the Little Snake River and its tributaries between the states of Colorado and Wyoming. This was accomplished during 1994.

Nebraska vs. Wyoming Decree (325 U.S. 589) (1945) Modified 1953

In part, this decree enjoins the State of Colorado from:

1. Diverting or permitting the diversion of water from the North Platte River and its tributaries for the irrigation of more than a total of 145,000 acres of land in Jackson County, Colorado during any one irrigation year.
2. Storing or permitting the storage of more than a total amount of 17,000 AF of water for irrigation purposes from the North Platte River and its tributaries in Jackson County, Colorado between October 1 and September 30 of the following year.
3. Exporting out of the basin of the North Platte River and its tributaries in Jackson County, Colorado to any other stream basin or basins more than 60,000 AF of water in any period of ten consecutive years reckoned in continuing progressive series.

These limitations were not exceeded.

Pot Creek

Water in the Pot Creek Drainage Basin is to be apportioned between Utah and Colorado, based on an interstate priority system and a Memorandum of Understanding. Approximately 270 AF of water was delivered to the Colorado State Line for downstream users in 1994.

b. Dam Safety

There were twenty-five safety inspections in 1994, including all Class 1 and scheduled Class 3 dams, and all except three scheduled Class 2 dams. Because of insufficient time and a heavy work schedule, the Water Commissioner for District 47 was unable to complete inspections of Lake Roslyn and Lake John. The construction repairs to D D & E Wise dam, scheduled to begin in 1994 were delayed. For that reason, the safety inspection will be scheduled for sometime in 1995. There was one hazard classification change from Class 3 to Class 4.

Sally Lewis is currently working on three dam safety projects. The continuation of the NATDAM database project requires a full database update annually and a recheck of changed data. The second ongoing project, provides assistance to rural Class II dam owners with completing and updating their Emergency Preparedness Plans. The third project involves assistance to Routt County emergency personnel, in creating a standard format for updates to the Emergency Preparedness Plans.

Hydrology studies were completed for two restricted Class III dams in series. Final approval of the proposed spillway sizes has not been received. The Pole Mountain dam construction project restarted after being snowed out in 1993. There was significant progress toward the rebuilding of the stream slope. Repairs and enlargement of the Fish Creek Reservoir dam commenced with a scheduled completion date in 1995.

There was an EPP exercise for Stagecoach Dam, including a tabletop and functional exercise of their Emergency Action Plan. The exercise went smoothly, largely in part to an orientation and two planning meetings. There was also a follow-up meeting to evaluate the exercise. Participants in the exercise were LEM, OEM, several dam owner representatives and Sally Lewis.

There were several meetings in 1994 with dams owners and public officials to discuss dam construction, repairs and safety requirements.

c. Hydrographic Program

The USGS owns and operates most of the stream gauging stations within the Division. The Division maintains stations that provide data for the Satellite Monitoring System, and for administration, which received new DCP's in 1994.

d. Groundwater and Well Permitting

The Division staff continue to review well permits applications prior to submittal to Denver. This process reduces the number of applications returned as unacceptable, and decreases the evaluation time. However, the large number of people moving to the area is creating a remarkable increase in well permit applications. There were 365 applications submitted to Division VI in 1994 and 320 well permits issued. Applications for 1994 were 60% more than FY 92/93 and 96% more than FY 91/92.

e. Water Records and Information

Division staff continue to make regular updates to our many databases. The Qinfo program is a very useful tool in detecting errors in the data because of its easy to read data summary formats.

We use Kent Holt's WR program to generate water right applications for the public. The greatest benefit from this program is our ability to automatically enter the information into a database to track the progress of each Court application. This database electronically updates the tabulation upon decree of the water right. This process requires very little data manipulation, but it does require knowledge of how the program operates.

f. Special Projects

The Water Commissioners have spent significant time verifying and preparing the Division's irrigated acreage maps for the CRDSS model. The project is approximately 90% complete, with the remainder to be finished this spring. There has also been time spent cleaning up the historical diversion data for input into the CRDSS model, with some work remaining.

The Revised 1990 Abandonment List contains 170 water rights. Forty of these water rights are in Water District 43, which is the jurisdiction of Division V water court. One hundred-thirty are in the jurisdiction of the Division VI water court. Motions to Delete have been filed by the Division Engineer for one water right in District 43 and nine in the remainder of the Division. There were twenty-three protests in Division V water court, all but three are pending. One protest is pending in the Division VI water court.

The Division Engineer is a participating member of the well permitting TQM team that began on January 18, 1994. The group first received training in Total Quality Management concepts, and working as a team, before beginning the well permitting process evaluation. The team found the average time necessary to process a well permit is one hour. The major cause for delays in issuing well permits is the increasing number of applications, the number of persons available to evaluate them and other assignments given to the evaluators. Decentralization may be an answer for some areas, but additional staff may be the only way to speed up the process.

2. Milestones in Water Issues

Court Cases

The USA Reserved Rights application in Case W-467 and 90CW111 was finally decreed on September 26, 1994. This case was pending in Division V Court since the early 1970's. The case involved 220 surface and underground structures in Division VI for livestock, wildlife and domestic uses, and many structures in Division IV and Division V.

Legislation

There have been no major changes in legislation, or new legislation enacted which impact our operations. House Bill 95-1151, introduced by Representative George, is an attempt to prevent spring developments from being considered wells, which require permits. The Bill will require a lot of work to refine the language to make it acceptable to all parties.

New Developments

Future water developments within the Yampa River Basin are subject to close scrutiny by the USF&WS, who determine potential impacts to the Endangered Fish Recovery Program. The major thrust is protection of remaining stream flows and habitat. Environmental baseline flows are recommended during the runoff months of April through July. For example, no further depletions will be allowed. In addition, the recommended flows for each runoff month vary from year to year in a four year cycle. Their recommendation for flows during the remaining months will allow some development as long as flows do not fall below the "50% exceedance" level.

The USF&WS has asked the CWCB to assist them by filing an application for an instream flow for the lower reach of the Yampa River. Wording the application to include these requirements, and allow continued development of Colorado's entitlement under the Colorado River Compact, will be a challenge.

In August 1994, the City of Steamboat Springs and Mount Werner Water and Sanitation District finally obtained a temporary permit from the US Forest Service, allowing the commencement of the Fish Creek Reservoir dam repairs and enlargement. Construction continued into October, when adverse winter weather forecasts forced the removal of equipment. They are hopeful that completion will be in 1995.

3. Involvement in the Water User Community

Division staff continue to assist water users with preparation of water court and well permit applications, and provide water rights information. We continue to provide assistance to dam owners with completing their Emergency Preparedness plans, and to water users with the installation of water measuring devices.

Involvement in the community continues by attendance at Stockgrowers, Soil Conservation Districts, CRWCD and UYRCD meetings. The Division Engineer accepts invitations to speak at group meetings when the opportunity arises.

In November, the Division Engineer participated in a Community Meeting entitled Water Quality in Routt County 1994. The presentation was a historical background of the water rights system, including cases in Division One involving water quality issues. An explanation of the relationship between the State Engineer's Office, the Water Quality Control Commission, and the Colorado Health Department was also presented. There were approximately 80 people in attendance.

In January, the Division Engineer gave a presentation to the North Park Young Adult Ranchers. The topics were History of Water Rights in Colorado, a Summary of Water Use in Jackson County, Water Shed Manipulation Projects In Jackson County, New Instream Flows, and an update on Federal Activity. The presentation and topics were received with interest, although the class was small.

4. Unaddressed Water Issues

Efforts continue to resolve the conflicts on Pot Creek by making decisions concerning the Pot Creek Agreement, defining the water right priority listing in more detail, and ruling on the points of disagreement. The appointment of a Water Commissioner not employed by the biggest water user on the system, alleviated a lot of the conflicts. The delivery of water to the downstream users, even in modest amounts, has significantly improved relations.

Minor problems still exist in finalizing a decree for the use of Steamboat Lake water, to supplement flows in the lower reaches of the Yampa River for the endangered fish recovery program. Statements of Opposition by local entities are attempting to prevent Division of Parks and Outdoor Recreation from obtaining the decree they seek. Local entities object to the idea that USF&WS and the endangered fish will receive the benefit of water released from Steamboat Lake.

5. Workload Changes

The loss in 1993 of Position No. 157 (1.0 FTE), forced us to convert the full time well inspector to Water Commissioner of District 44. This change inhibits our ability to monitor well construction activity during these times of rapid growth and development of the area. We came to realize our dependence on that "extra body" in helping us deal with conflicts and demands of a dry year. Add to this, the assignment to define irrigated acreage for the CRDSS project. Hopefully, a better snowpack and runoff will assist in the coming year.

Walter Bohrer's position as Water Commissioner limits the amount of time he can spend inspecting wells and assisting with reviewing well permit applications. This has increased the workload of the Administrative Assistant and Division Engineer. With appropriate training, other staff members may be available to assist in reviewing applications.

Water Court application filings in 1994 were 16% more than 1993, up 30% from 1992. This increased workload stresses not only Court but Division personnel as well. Timely field inspections became difficult to complete by Water Commissioners administering the limited supply of water. The delay in completion of field inspections also caused delays in Division Engineer's recommendations to the Court and subsequently the Rulings of the Referee.

The lack of timely reports from COFRS still hampers our ability to track expenditures not routed through the Division office.

WATER YEAR 1995

1. Key Objectives

The goal of this Division is efficient operations. We will continue to evaluate staff assignments relative to work force requirements and availability. Responsibilities will alternate between staff as necessary, to equalize workload and improve efficiency. The use of computers enhances our ability to administer water rights and to provide reliable information to water users. The well permit application review process, assists the groundwater section in the State Engineer's office and reduces the number of applications returned for corrections.

Efforts to improve the safety of all dams in the Division is a high priority and inspections will continue. We encourage all dam owners to implement adequate maintenance programs. We also continue to provide assistance with preparation and updates of Emergency Preparedness Plans.

We continue to cooperate with sister agencies and to abide by the Memoranda of Understanding.

2. Legislative, Policy and Other Changes

Legislative Liaison

We will keep in contact with Representative Taylor and Senator Wattenberg to apprise them of issues within the division, and to enlist their support on legislative changes that impact our operations.

Public Education and Informational Meetings

We will continue to attend meetings to provide information and public education on water related issues.

TRANSMOUNTAIN DIVERSION SUMMARY - INFLOWS

		SOURCE				RECIPIENT					
WD	ID	NAME	STREAM	10-YR AVG		CURRENT YEAR		AF	WD	ID	STREAM
				DAYS	AF	DAYS	WD				

NO INFLOWS

TRANSMOUNTAIN DIVERSION SUMMARY - OUTFLOWS

		SOURCE						CURRENT YEAR			10-YR AVG			RECIPIENT		
WD	ID	NAME	STREAM	AF	DAYS	AF	DAYS	AF	DAYS	WD	ID	STREAM				
47	4602	CAMERON PASS DITCH	MICHIGAN RIVER	132	37	0	0	0	0	3		POUDRE R.				
47	4603	MICHIGAN DITCH	MICHIGAN RIVER	3162	212	4081	361			3		ROUDRE R.				
58	4684	SARVIS DITCH	SARVIS CREEK	968	253	996	175			50		MUDDY CK				
58	4630	DOME CREEK DITCH	DOME CREEK	264	64	342	56			53		EGERIA CK				
58	4685	STILLWATER DITCH	BEAR RIVER	1445	90	1657	121			53		EGERIA CK				

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				Minimum		Maximum		Date	Year
				AF	Date	AF	Date		
44	3627	FIXLER RESERVOIR NO. 1	TRIBUTARIES-EAST FORK	11/01/93	2	11/01/93	2	2	2
44	3673	WADDLE CK RES	WADDLE CK	06/03/94	0	06/03/94	0	0	0
44	3675	WYMAN RES	LITTLE BEAVER CK	06/07/94	91	05/10/94	95	91	91
44	3677	ANDERSON RES	NORTH FK of ELKHEAD CK	08/11/94	0	04/22/94	140	0	0
44	3681	BUNKER LAKE RES	BUNKER CK	10/31/94	170	06/01/94	191	170	170
44	3682	COVE LAKE RES	MORAPOS CK	10/14/94	0	05/23/94	74	0	0
44	3683	COVE RES	MORAPOS CK	10/14/94	0	05/11/94	121	0	0
44	3686	DRESCHER RES	BASIN GULCH	09/30/94	0	05/05/94	240	0	0
44	3688	DUNKLEY DEUBAU RES	WILLOW CK	08/24/94	0	06/01/94	50	0	0
44	3689	D D & E RES	MILK CK	05/03/94	0	05/03/94	0	0	0
44	3695	LEFTWICH RES	BOONE CK	05/23/94	35	05/23/94	35	35	35
44	3700	OWEN CARRIGAN RES	MORAPOS CK	10/14/94	3	09/14/94	3	3	3
44	3701	POOSE CK RES	MORAPOS CK	11/01/93	278	11/01/93	278	278	278
44	3702	ROBY RES	MORAPOS CK	10/14/94	0	05/23/94	20	0	0
44	3706	SELLERS CROWELL RES	WILLOW CK	11/01/93	0	06/01/94	100	0	50
44	3721	ELLGEN RESERVOIR	BELL ROCK GULCH	02/29/94	9	04/29/94	11	9	9
44	3722	ELLGEN RESERVOIR NO 2	MC LERNON DRAW	05/25/94	0	04/29/94	32	0	0
44	3738	FREEMAN RESERVOIR	LITTLE COTTONWOOD CK	05/10/94	137	05/10/94	137	137	137
44	3739	SHAFFER RESERVOIR	WILLOW CK	11/01/93	0	06/01/94	32	1	1
44	3790	SADDLE RESERVOIR	BUTLER CREEK	11/01/93	90	06/01/94	105	95	95
44	3824	BISKUP RESERVOIR	TWO SPRINGS GULCH	07/15/94	0	05/07/94	130	0	0
44	3902	ELKHEAD RESERVOIR	ELKHEAD CREEK	08/19/94	0	05/17/94	13574	0	0
44	3912	RAW WATER RESERVOIR	TRIBUTARIES	09/22/94	554	09/22/94	554	554	554
44	3925	FLAT TOP RESERVOIR	SECOND CREEK	10/31/94	80	06/01/94	105	80	80
44	3929	GILL RESERVOIR	TRIBUTARIES-EAST FK	10/31/94	30	06/01/94	60	30	30
44	4023	FIXLER RESERVOIR NO. 2	TRIBUTARIES-EAST FK	11/01/93	2	11/01/93	2	2	2
44	4024	FIXLER RESERVOIR NO. 3	TRIBUTARIES-EAST FK	11/01/93	2	11/01/93	2	2	2
44	4025	FIXLER RESERVOIR NO. 4	TRIBUTARIES-EAST FK	11/01/93	1	06/16/94	1	1	1
44	4042	FIXLER COTTONWOOD RES	EAST FORK OF WILLIAMS FK	11/01/93	2	11/01/93	2	2	2
44	4043	FIXLER ISLAND RESERVOIR	EAST FORK OF WILLIAMS FK	07/01/94	1	11/01/93	2	2	2
44	4051	CHESTNUT RESERVOIR NO. 2	TRIBUTARIES-EAST FK	09/01/94	10	09/01/94	10	10	10
44	4381	PEARCE RES	TRIBUTARIES	04/20/94	50	04/20/94	50	50	50
44	4436	ROBB PIT	TRIBUTARIES	07/29/94	807	07/29/94	807	807	807
44	4437	KITCHENS & KLECKNER RES	TRIBUTARIES-ELKHEAD CK	10/15/94	0	07/20/94	30	0	0
44	4453	LOUDY RESERVOIR	TRIBUTARIES	07/18/94	50	07/18/94	50	50	50
TOTAL FOR DISTRICT 44				17288		19708		17863	

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				Minimum		Maximum		Date	Year
				AF	Date	AF	Date		
54	3589	ELK LAKE RES	WILLOW CK	07/20/94	0	05/16/94	400	0	
54	3591	LAKE FORK RESERVOIR	LAKE FORK CK	09/01/94	20	05/23/94	44	20	
54	3780	MARTIN CULL RESERVOIR	FOUR MILE CK	10/01/94	0	06/01/94	250	0	
54	3944	LOWER COGDILL RES	GOVT/CORRAL CK	09/01/94	160	05/23/94	173	160	
54	3945	UPPER COGDILL RES	GOVT/CORRAL CK	05/23/94	45	05/23/94	45	45	
54	3946	MCCARGER RES	INDEPENDENCE CK	07/27/94	64	07/27/94	64	64	
54	3948	SLATER CR LAKE	LAKE CK	08/01/94	0	05/23/94	88	0	
54	4359	GEORGIOU RES	FOUR MILE CK	06/01/94	15	06/01/94	15	15	
54	4454	MINE DRAW RESERVOIR 3	HOUSEL GULCH	10/01/94	10	06/01/94	15	10	
TOTAL FOR DISTRICT 54				315		1095		315	
56	3710	BASSETT RESERVOIR NO 1	MATT SPRING CK	09/07/94	0	04/25/94	33	0	
56	3712	DRY LAKE RESERVOIR	DRY CK of POT CK	05/05/94	0	05/15/94	10	10	
56	3714	MASSEY RESERVOIR	DRY CK of POT CK	07/01/94	0	05/05/94	18	0	
56	3715	OFFIELD RESERVOIR	POT CK	05/05/94	150	05/05/94	150	150	
56	3740	BASSETT RESERVOIR NO 2	BULL CANYON	09/07/94	0	04/25/94	54	0	
56	3903	CALDER RESERVOIR NO 2	POT CK	05/05/94	1200	05/05/94	1200	1200	
56	3905	MILES DITCH STORAGE	POT CK	05/05/94	0	05/10/94	86	86	
56	3921	COVE RES	COTTONWOOD CK	09/23/94	15	07/22/94	45	15	
56	4452	HOUSE RESERVOIR	ANTONE CANYON	07/08/94	0	04/04/94	20	0	
56	4453	IRISH LAKE	VERMILLION CK	07/08/94	0	02/03/94	400	300	
TOTAL FOR DISTRICT 56				1365		2016		1761	
57	3500	SENECA MINE POND 006	HUBBERSON GULCH	10/31/93	10	05/01/94	15	10	
57	3516	WOLF MOUNTAIN RES	WOLF CK	11/01/93	82	11/01/93	82	82	
57	3523	PEABODY POND Y-1	SAGE CK	10/31/94	2	05/01/94	4	2	
57	3541	HUNTER NO 1 RES	MIDDLE CK	10/31/94	0	05/05/94	10	0	
57	3542	WOLF MOUNTAIN RES 2	WOLF CK	11/01/93	40	11/01/93	40	40	
57	3543	EARLE'S RESERVOIR	SMUIN GULCH	11/01/93	2	11/01/93	2	2	
57	3549	APPLE RES	DRY FORK	10/31/94	3	04/20/94	7	3	
57	3551	BROCK RESERVOIR	BROCK GULCH	10/03/94	3	11/01/93	5	3	
57	3555	ECKMAN PARK RES 1	FOIDEL CK	11/01/93	2	06/01/94	4	2	
57	3560	EMRICH RES	TEMPLE GULCH	11/01/93	0	05/10/94	95	50	
57	3571	JAMES MARION YOAST RES	YOAST GULCH	07/17/94	50	05/08/94	201	50	
57	3572	J C TEMPLE RES 1	TEMPLE GULCH	11/01/93	95	05/10/94	455	125	
57	3574	MORGAN CREEK RES 1	MORGAN CK	10/03/94	0	04/18/94	100	0	
57	3575	NOFSTGER RES	SCOTCHMANS GULCH	10/31/94	60	04/12/94	95	60	

RESERVOIR STORAGE SMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				Minimum		Maximum		End of Year	
				AF	Date	AF	Date		
57	3576	NOPSTGER ZEIGLER RES	SCOTCHMANS GULCH	11/01/93	50	06/01/94	67	50	
57	3582	SEATON RES	MIDDLE FISH CK	11/01/93	0	06/01/94	21	0	
57	3583	SHERIFF RES	TROUT CK	11/01/93	53	05/27/94	987	987	
57	3585	WHETSTONE RES	WHETSTONE CK	11/15/93	5	04/20/94	24	24	
57	3587	YOAST RESERVOIR 1	YOAST GULCH	09/30/94	0	07/07/94	7	0	
57	3761	EAST OF MINE SHOP IMPND	GRASSY CK	11/01/93	9	11/01/93	9	9	
57	3772	KOWACH RESERVOIR 1	BUCHANAN GULCH	10/03/94	23	05/01/94	33	23	
57	3775	COZZENS WALROD RESERVOIR	HUTCHINSON DRAW	11/01/93	0	06/06/94	30	15	
57	3786	ASHPONDS HAYDEN STA	SAGE CK	11/01/93	1013	11/01/93	1013	1013	
57	3793	WADGE PIT RES	GRASSY CK	09/15/94	120	01/01/93	150	120	
57	4000	CURTIS GULCH STOCK POND	CURTIS GULCH	10/31/94	32	06/01/94	40	32	
57	4002	INTERMEDIATE QUALITY P	SAGE CK	11/01/93	200	11/01/93	200	200	
57	4003	EVAPORATION POND	SAGE CK	11/01/93	0	11/01/93	0	0	

TOTAL FOR DISTRICT 57

1854

3697

2902

58	3500	ALLEN BASIN RES	MIDDLE HUNT CK	10/31/94	46	05/22/94	670	46
58	3501	ALMA M BAER RES	FISH CK	11/01/93	3	11/01/93	3	3
58	3503	BISON PARK RES	LAWSON CK	11/01/93	0	07/06/94	25	0
58	3504	BULL PARK RES 2	WATSON CK	11/01/93	0	11/01/93	0	0
58	3505	BURNT MESA RES	SOUTH HUNT CK	10/31/94	14	06/01/94	25	14
58	3506	CHAPMAN RES	LITTLE OAK CK	11/01/93	60	05/20/93	247	77
58	3507	FINGER ROCK STORAGE POND	BRINKER CK	08/01/94	15	11/01/93	25	25
58	3508	FISH CREEK RES	MIDDLE FK of FISH CK	07/27/94	0	05/21/94	1850	0
58	3509	FISH LAKE RES 2	WHEELER, LAKE CK	11/01/93	35	11/01/93	35	35
58	3511	GARDNER PARK RESERVOIR	GARDNER PARK CK	10/31/94	477	06/01/94	921	477
58	3512	HAHNS PEAK RES	WILLOW CK	07/25/94	500	11/01/93	601	525
58	3513	HEART LAKE RES	WATSON CK	08/01/94	0	06/19/94	155	0
58	3518	LAKE CREEK RES	WHEELER, LAKE CK	11/01/93	292	11/01/93	292	292
58	3519	LAKE WINDEMERE RES	DE CORA GULCH	11/01/93	5	04/15/94	19	5
58	3520	LEE RESERVOIR	CHINNEY CK OR S FK	11/01/93	0	11/01/93	0	0
58	3521	LESTER CR RES	LESTER CK	10/01/94	4850	11/01/93	5657	4850
58	3522	LONG LAKE RES	SOUTH FK of FISH CK	04/15/94	180	11/01/93	396	263
58	3524	MAY RESERVOIR	GEORGES GULCH	11/01/93	1	06/01/94	3	1
58	3525	MCCHIVVIS RES	WATSON CK	11/01/93	0	05/01/94	127	0
58	3526	MILK CREEK RESERVOIR	MILK CK	10/31/94	2	06/01/94	4	2
58	3528	MOORE PARK RES	MOORE PARK CK	11/01/93	0	11/01/93	0	0
58	3530	OAK CREEK RES	OAK CK	11/01/93	2	11/01/93	2	2
58	3532	RAMS HORN RES	DOMS CK	11/01/93	122	11/01/93	122	122

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				End of Year
				Minimum		Maximum		
				AF	Date	AF	Date	
58	3539	SIMON RES 1	MIDDLE HUNT CK	07/25/94	46	05/28/94	499	46
58	3540	STILLWATER RES 1	BEAR RIVER	07/29/94	839	06/02/94	3581	1082
58	3544	TRULL CR RES	TRULL CK	11/01/93	1	06/02/94	100	1
58	3545	BEAR LAKE	BEAR RIVER	11/01/93	620	11/01/93	620	620
58	3546	WHEELER RES	WHEELER, LAKE CK	11/01/93	37	11/01/93	37	37
58	3547	WHITELEY NELSON RES	WILSON CK	11/01/93	10	05/01/94	429	10
58	3564	OVERMAN RESERVOIR	TRIBUTARIES	11/01/93	10	06/01/94	50	10
58	3569	FOLLY POND	OAK CK	10/31/94	20	05/09/94	32	20
58	3571	MYSTIC RESERVOIR 2	TRULL CK	10/31/94	0	11/01/93	1	0
58	3586	FAIT RESERVOIR	RENFRO CK	11/01/93	0	05/16/94	4	4
58	3596	LODWICK POND	FISH CK	09/01/94	10	11/01/93	13	13
58	3599	VALENTINE POND	FISH CK	09/01/94	2	11/01/93	2	2
58	3631	LAKE CATAMOUNT	YAMPA RIVER	11/19/93	4935	05/12/94	8181	7525
58	3632	HOGUE RES	TRIBUTARIES	11/01/93	0	11/01/93	0	0
58	3635	ROSSI RESERVOIR 1	MIDDLE HUNT CK	06/15/94	7	11/01/93	10	10
58	3755	ROLLAND REID RES	WILLEY CK	10/11/94	3	05/11/94	8	3
58	3767	CROWNER RESERVOIR	BEAVER CK-CHIMNEY CK	06/01/94	0	05/16/94	18	0
58	3770	MARTIN RESERVOIR	MARTIN CK	10/31/94	26	04/28/94	74	26
58	3771	TILLQUIST LAKE RESERVOIR	MORRISON CK	11/01/93	6	11/01/93	6	6
58	3787	STEAMBOAT LAKE	WILLOW CK	05/06/94	23064	05/26/94	25809	24135
58	3825	UPPER ROBINSON RES	DEER CK	08/19/94	18	05/11/94	23	18
58	3826	BAR BEE LAKE	BEAVER CK-MORRISON CK	11/01/93	81	11/01/93	81	81
58	3940	REED RESERVOIR	CHIMNEY CK	08/15/94	0	05/06/94	8	0
58	4213	STAGECOACH RESERVOIR	YAMPA RIVER	03/11/94	25963	11/09/93	31317	28055
58	4240	YAMCOLO RES	BEAR RIVER	09/26/94	2645	05/18/94	9258	3390
58	4362	HENDERSON RES	HENDERSON CK	11/01/93	23	05/14/94	31	25
58	4376	STEAMBOAT WW RECL RES	TRIBUTARIES	10/31/94	35	11/01/93	45	35
58	4420	BROOKIE LAKE	WHEELER, LAKE CK	11/01/93	32	11/01/93	32	32
TOTAL FOR DISTRICT 58				65036	91447	71924		

WATER DIVERSION SUMMARIES

WD	STRUCTURES REPORTING					ALL OTHER STRUCTURES					ESTIMATED NUMBER OF VISITS TO STRUCTURE	TOTAL DIVERSIONS AF	TOTAL DIVERSIONS TO STORAGE AF	TOTAL DIVERSIONS AF	TO IRRIGATION		
	With Record Avail 1	No Water Available 2	No Water Taken 3	No Info Available 4	No Record 5	No Water Taken 3	No Info Available 4	No Record 5	TOTAL DIVERSIONS AF	NUMBER OF ACRES IRRIGATED					AVERAGE ACRE-FEET PER ACRE		
43	526	0	79	11	1,487	3,411	383,237	-	324,839	30,683	10.6						
44	241	26	38	2	1,873	1,276	156,253	5,028	130,910	24,980	4.3						
47	441	0	23	11	361	3,011	535,342	8,786	512,706	114,360	4.5						
54	88	5	18	4	337	436	94,816	1,119	92,953	12,002	8.0						
55	16	5	1	-	296	76	16,330	-	16,330	1,136	14.4						
56	45	5	4	-	638	242	24,708	8,377	*15,931	1,685	9.7						
57	86	9	7	-	506	964	52,963	169	45,243	10,909	3.5						
58	383	14	44	1	1,380	3,421	202,142	433	130,311	35,311	3.6						
S	1,826	64	214	29	6,878	12,837	1,465,791	23,912	1,253,292	231,066	58.6						

Definitions:

- (1) Count of structures with CIU=A and NUC=blank
- (2) Count of structures with CIU=A and NUC=B
- (3) Count of structures with CIU=A and NUC=(A,C,D)+CIU=I
- (4) Count of structures with CIU=A and NUC=(E,F)
- (5) Count of structures with CIU=U

*includes Wildlife Refuge Swamps

WATER DIVERSIONS TO VARIOUS USES

USES	WD 43	WD 44	WD 47	WD 54	WD 55	WD 56	WD 57	WD 58	TOTALS
TRANSMOUNTAIN OUT			5892						5892
TRANSBASIN OUT							429	3209	3638
MUNICIPAL		2060	230				321	3212	5823
COMMERCIAL							349	54	403
INDUSTRIAL	11134	14289	40				4485	10	29958
RECREATION	397							485	882
FISHERY	22178	204	952				1064	7229	31627
DOMESTIC & HOUSEHOLD	1635	1521		407		180	36	3380	7159
LIVESTOCK	21331	184	6736	337		220	867	12840	42515
AUGMENTATION									0
EVAPORATION									0
GEOHERMAL									0
SNOWMAKING								300	300
MINIMUM STREAMFLOW									0
POWER GENERATION		4229						40679	44908
WILDLIFE						13241			13241
RECHARGE									0
OTHER									0
TOTALS	56675	22487	13850	744	0	13641	7551	71398	186346

WATER COURT ACTIVITIES
Calendar Year 1994

	<u>Division V</u>	<u>Division VI</u>
Applications	18	151
Consultations with Referee.....	19	145
Decrees Issued by Court for Water Rights.....	11	89
Dismissals.....	1	8
Complaints.....	0	0
Protests to Abandonment List.....	0	1

<u>TYPE OF RULING</u>	<u>Division V</u> No. of Cases	<u>Structures</u>	<u>Division VI</u> No. of Cases	<u>Structures</u>
Findings of Diligence on Conditional Rights	3	13	10	13
Cancellations of Conditional Rights	0	0	0	0
Conditional Water Rights Made Absolute	2	2	6	17
Surface Water Rights Adjudicated	1	5	50	169
Underground Water Rights Adjudicated	1	1	4	4
Water Storage Rights Adjudicated	1	1	20	83
Plans for Augmentation Adjudicated	1	22	0	0
Changes of Water Rights Adjudicated	1	1	5	5
Instream Flow Rights Adjudicated	0	0	9	9
Potests to Abandonment List - Denied	1	1	0	0
Protests to Abandonment List - Granted	0	0	1	1

RIVER CALLS - WATER YEAR 1994
CALLING PRIORITY

<u>WD</u>	<u>STREAM</u>	<u>STRUCTURE</u>	<u>PERSON CALLING</u>	<u>FIRST</u>	<u>LAST</u>	<u>ADMIN NO.</u>
43	COAL CREEK	COAL CREEK MESA DITCH	MOORE, W.C.	05/09/94	10/30/94	13047.00000
43	CURTIS CREEK	PAYSON DITCH	KRISTAS BROS	05/17/94	07/01/93	12936.00000
43	LITTLE BEAVER CREEK	VALVERDE #1	BERTHELSON, W	07/17/94	10/30/94	18538.18538
43	PICEANCE CREEK	METZ & REIGAN	BURKE BROS	05/18/94	09/02/94	12930.00000
43	PICEANCE CREEK	METZ DITCH	BURKE BROS	05/18/94	09/02/94	12755.00000
43	PICEANCE CREEK	SQUARE S. CONSOLIDATED D.	MANTLE, TIM	05/16/94	08/03/94	12571.00000
43	PICEANCE CREEK	SQUARE S. CONSOLIDATED D.	MANTLE, TIM	05/16/94	08/03/94	12756.00000
43	PICEANCE CREEK	SQUARE S. CONSOLIDATED D.	MANTLE, TIM	05/16/94	08/03/94	13270.00000
43	PICEANCE CREEK	SQUARE S. CONSOLIDATED D.	MANTLE, TIM	05/16/94	08/03/94	13274.00000
43	PICEANCE CREEK	SQUARE S. CONSOLIDATED D.	MANTLE, TIM	05/16/94	08/03/94	13509.00000
43	PICEANCE CREEK	RYAN DITCH	MANTLE, TIM	06/21/94	08/03/94	12571.00000
43	PICEANCE CREEK	B M & H DITCH	MANTLE, TIM	05/18/94	08/05/94	13583.00000
43	PICEANCE CREEK	MHM GERMAN DITCH	BRENNAN, BILL	05/16/94	10/30/94	12549.00000
43	PICEANCE CREEK	ROBERT MCKEE DITCH	JOHNSON, PAT	05/16/94	10/31/94	13622.00000
43	PICEANCE CREEK	ROBERT MCKEE DITCH	JOHNSON, PAT	05/16/94	10/31/94	13659.00000
43	PICEANCE CREEK	BELOT & MOFFAT DITCH	JOHNSON, PAT	04/30/94	10/31/94	13659.00000
43	PICEANCE CREEK	PICEANCE CREEK DITCH	OLDLAND BROS	05/10/94	10/31/94	13342.00000
43	PICEANCE CREEK	GARDENHEIR DITCH	OLDLAND BROS	04/30/94	05/16/94	32172.16500
43	PICEANCE CREEK	GARDENHEIR DITCH	OLDLAND BROS	04/30/94	05/16/94	32172.24592
43	PICEANCE CREEK	EMILY DITCH	OLDLAND BROS	04/30/94	10/31/94	13458.00000
43	PICEANCE CREEK	EMILY DITCH	OLDLAND BROS	04/30/94	10/31/94	32172.24592
43	PICEANCE CREEK	OLDLAND MAGOR DITCH	OLDLAND BROS	04/30/94	05/16/94	32172.23140
43	PICEANCE CREEK	OLDLAND MAGOR DITCH	OLDLAND BROS	04/30/94	05/16/94	32172.24592
43	PICEANCE CREEK	RYE GRASS DITCH	OLDLAND BROS	04/30/94	05/16/94	14036.00000
43	PICEANCE CREEK	RYE GRASS DITCH	OLDLAND BROS	04/30/94	05/16/94	32172.24592
43	PICEANCE CREEK	OLDLAND DITCH #3	OLDLAND BROS	04/30/94	05/09/94	32172.19127
43	PICEANCE CREEK	OLDLAND DITCH #2	OLDLAND BROS	04/30/94	05/09/94	32172.24592
43	PICEANCE CREEK	OLDLAND DITCH #1	OLDLAND BROS	04/30/94	10/31/94	13631.00000
43	PICEANCE CREEK	SPAULDING DITCH	JOHNSON, DAN	04/30/94	05/16/94	13649.00000
43	PICEANCE CREEK	WALLACE DITCH	JOHNSON, DAN	05/17/94	07/21/94	13607.00000
43	PICEANCE CREEK	UPPER DITCH	JOHNSON, DAN	05/10/94	05/17/94	13985.00000
43	PICEANCE CREEK	SCHUTTE DITCH	ROBINSON, LARRY	05/16/94	10/31/94	12875.00000

<u>WD</u>	<u>STREAM</u>	<u>STRUCTURE</u>	<u>PERSON CALLING</u>	<u>FIRST</u>	<u>LAST</u>	<u>ADMIN NO.</u>
43	PICEANCE CREEK	HOME DITCH	ROBINSON, LARRY	05/16/94	10/15/94	12459.00000
43	PICEANCE CREEK	REDDIN DITCH	BRENNAN, BILL	04/30/94	05/16/94	18173.14715
43	BLACK SULPHUR CREEK	BOISE DITCH	BRENNAN, BILL	06/16/94	08/31/94	13438.00000
44	FORTIFICATION CREEK	LITTLE BEAR DITCH	SIMPSON, B.	06/02/94	11/01/94	13797.00000
44	FORTIFICATION CREEK	WISCONSIN DITCH	GRAY, TOM	06/04/94	11/01/94	14019.00000
44	MORAPOS CREEK	DEER CK & MORAPOS D.	OSBURN, LARRY	05/23/94	11/01/94	13646.00000
44	MILK CREEK	D D & E DITCH	COLOWYO	06/14/94	06/30/94	13940.00000
44	ELKHEAD CREEK	SMITH DITCH	LONG, MIKE	06/14/94	WTR N/A	13940.00000
47	LITTLE WILLOW CREEK	DONELSON DITCH	VERHEUL, DON	05/10/94	07/02/94	12920.00000
47	MICHIGAN RIVER	KIWA DITCH	BIG HORN RANCH	06/08/94	07/12/94	14148.00000
47	ROARING FORK	SUNDAY CREEK DITCH	IRVINE, MARK	06/1094	07/04/94	18921.00000
47	ILLINOIS RIVER	EVERHARD & BALDWIN D.	BURR, BILL	06/12/94	07/16/94	13635.00000
47	ROARING FORK	MALLON DITCH	DOUBLE R RANCH	06/15/94	07/16/94	18921.00000
47	PINKHAM CREEK	CAPRON DITCH	STATE LINE RANCH	06/15/94	07/02/94	14518.00000
47	ILLINOIS RIVER	HOME #2 DITCH	PALMER, DON	06/28/94	07/01/94	14053.00000
47	NORTH FORK RIVER	WEST FORK DITCH	SWIFT & LOZIER	06/29/94	07/23/94	21366.00000
47	SPRING CREEK	NELLIE E. DITCH	HUSTON, O.C.	06/30/94	09/30/94	23016.00000
47	LITTLE WILLOW CREEK	KERR DITCH	STEPHENS RANCH	07/04/94	07/25/94	12920.00000
47	BIG GRIZZLY CREEK	PETERSON #1 DITCH	LEVIS RANCH	07/29/94	09/30/94	13765.00000
47	MICHIGAN RIVER	MICHIGAN R. DIV.	TOWN OF WALDEN	08/29/94	10/31/94	47938.00000
47	ILLINOIS RIVER	WALDEN RESERVOIR	WALDEN RES CO.	09/02/94	10/31/94	38187.00000
47	ROARING FORK	MALLON DITCH	DOUBLE R RANCH	09/20/94	09/27/94	14008.00000
54	FOUR MILE CREEK	REED WINSLOW DITCH	PEROULIS, JOHN	08/01/94	11/01/94	25775.21721
54	WILLOW CREEK	WILLOW CK DITCH	JOE BIRCH	06/15/94	11/01/94	12646.00000
57	W. FISH CREEK	HIGHLAND DITCH	PEROULIS, JOHN	06/19/94	07/07/94	14501.00000
57	TROUT CREEK	RAWLINSON DITCH	CYPRUS COAL	07/07/94	09/13/94	13985.00000
57	TROUT CREEK	D M CHAMPMAN D. #2	KNOTT, DAN	07/21/94	08/08/94	22545.22035

<u>WD</u>	<u>STREAM</u>	<u>STRUCTURE</u>	<u>PERSON CALLING</u>	<u>FIRST</u>	<u>LAST</u>	<u>ADMIN NO.</u>
58	BEAR RIVER	BIRD DITCH	SNOWDEN, LEONARD	05/22/94	10/05/94	12232.00000
58	BRATTON CREEK	MCFADDEN DITCH	GUIRES	07/14/94	WTR N/A	20726.00000
58	HUNT CREEK	BARR DITCH	GEORGE, OTTO	06/17/94	06/22/94	13635.00000
58	HUNT CREEK	BARR DITCH	GEORGE, OTTO	06/27/94	07/09/94	13635.00000
58	MIDDLE HUNT CREEK	SIMON DITCH	ROSSI, MARK	05/09/94	10/31/94	14032.00000
58	NORTH HUNT CREEK	N. HUNT CREEK DITCH	RIGGI, CHARLOTTE	05/19/94	10/31/94	14348.00000
58	OAK CREEK	OAK CREEK DITCH	GREGORY, TOM	06/30/94	07/11/94	13720.00000
58	SODA CREEK	SODA CREEK DITCH	KAKALA, WAYNE	07/28/94	09/15/94	13675.00000
58	SOUTH HUNT CREEK	LAFON DITCH	YOWELL, TRUMAN	05/20/94	08/24/94	18529.13985
58	TRULL CREEK	MONGER STOCK DIV	MONGER, LARRY	08/11/94	N/H	50038.42977

1994 OFFICE ADMINISTRATION
and WORKLOAD MEASURES

Professional and Technical Staff	3.00
Clerical Staff	1.00
Water Commissioners Assigned	6.42
Wells Permitted	283
Water Court Appearances.....	3
Meetings with Water Users	37
Meetings to Resolve Water Related Disputes	9
Contacts to Give Public Assistance on Water Rights	21404