

ROY ROMER
Governor



HAROLD (HAL) D. SIMPSON
State Engineer

DIVISION OF WATER RESOURCES

WATER DIVISION VI

Edward W. Blank
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February 22, 1994

**Harold D. Simpson
State Engineer
Centennial Building Room 818
1313 Sherman Street
Denver, Colorado 80203**

Dear Hal:

The 1993 Annual Report for Division VI is herein presented for your review.

The support extended by you and all the Denver staff is appreciated. Our combined efforts will again be required to meet the challenges of the 1994 water year.

Sincerely,

**Edward W. Blank
Division Engineer**

EWB/lcp

**ANNUAL REPORT
WATER DIVISION VI
1993 WATER YEAR**

November 1, 1992 thru October 31, 1993

**EDWARD W. BLANK
DIVISION ENGINEER**

**SALLY LEWIS
ASST. DIVISION ENGINEER**

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WATER ADMINISTRATION Current Water Year 1993

1. ACCOMPLISHMENTS

a. Water Administration

The above average winter snowpack was expected to produce an above average runoff. However, cooler than normal spring and summer temperatures resulted in a slightly below normal runoff. Cool temperatures kept peak flows within stream channel capacities, with only minor flooding in isolated areas of the Lower Yampa River. The Division staff is to be commended for their accomplishments this year. Timely and effective actions by the Water Commissioners kept potential conflicts in check.

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 1984-1993.

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 1993.

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 during the period 1984-1993.

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 600 AF of water was delivered to the Colorado state line for downstream users in 1993.

b. Dam Safety

Dam safety program goals were accomplished by the inspection of thirty-six Class 1, 2 and 3 dams. There were nine follow-up, two construction and two complaint/problem inspections. Seven Class 3 dam inspections, originally scheduled for 1993, were canceled for two reasons. A memo from the State Engineer effective August 1993, changed the inspection schedule form to allow time for hydrology studies. The inspection season was shortened due to late, heavy spring runoff and many scheduled inspections were rained out. There was one hazard classification change from Class 3 to Class 4.

One dam safety incident occurred in 1993 in Water District 47. The right abutment of the North Michigan Creek dam started seeping during spring runoff. A determination was made that the seepage problem was caused by runoff from the ridge to the north of the dam. The Division of Parks agreed to add on to the existing drain system to bypass the right abutment and to divert runoff from the ridge to the north.

Sally Lewis has three dam safety projects she is currently working on. The NATDAM database project continues, requiring a full database update annually and a recheck of changed data. Assistance is being provided to rural Class 2 dam owners in completion of their Emergency Preparedness Plans. Several EPP updates have been submitted for review. Hydrology studies to determine required spillway sizes for dams, requires a significant time commitment to self teach the HEC1 method.

There was one dam construction project started and two completed in the Division this year. The Pole Mountain dam project in Water District 47 began in October. The project was snowed out before any significant amount of work was completed. This is one of the first dam repair projects funded by a CWCB loan.

The gate replacement and repair of the outlet conduit and tower at Willow Creek (Steamboat Lake) were completed prior to spring runoff. A significant amount of water leaking under the main gate, made the 107 inspection difficult. The repair was made by placing a new rubber gasket under the gate.

In Water District 43 the restriction remains in effect on Big Beaver Dam. We are awaiting submittal of monitoring data, monitoring plan, as-built plans and the EPP from Division of Wildlife.

c. Hydrographic Program

Most of the stream gauging stations within the Division are owned and operated by the USGS. The Division maintains stations that provide data for the Satellite Monitoring System, and are required for administration purposes.

d. Ground Water and Well Permitting

A water quality program was initiated in 1992 to obtain baseline data from area wells. Groundwater samples were obtained in June and October 1992. There were two wells within Division VI that were found to have higher than normal nitrate levels. The owners were notified of this finding and advised to monitor the quality of their well water. Required funding for this program has not been continued.

Division staff continues to review well permit applications before submission to the Denver office for permitting. Prior to this review process it took an average of 67 days to issue an exempt permit and 118 days for a non-exempt permit. In FY91/92, after the review process was initiated, the average time was down to 28 days for exempt and 16 days for non-exempt permits. In FY92/93 the average was 27 days and 59 days, respectively.

The increase in processing time during FY92/93 may be explained in part by the large number of well permit applications submitted from the entire State during May and June. This was due to legislative changes that eliminated livestock uses for future in-house-use wells.

e. Water Records & Information

Division staff continues 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. Errors are corrected as they are detected, and efforts are made to prevent any future recurrences.

f. Special Projects

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

2. MILESTONES IN WATER ISSUES

Court Cases

The USA Reserved Rights application for surface and underground water rights for livestock, wildlife and domestic uses appears to be close to settlement by the parties involved. This and similar applications in Division IV and V have been pending in Division V water court since the early 1970's. Division personnel have been working with representatives of the USA for five years in an effort to resolve disputes associated with these claims.

Legislation

There have been no major changes in legislation, or new legislation enacted, which could impact our operations.

New Developments

As an alternative to the Juniper Water Right, the Colorado River Water Conservation District decided that an enlargement to Elkhead Creek Reservoir will provide the most benefits, with the least cost. The final project evaluation and development planning of a future enlargement to Stagecoach Reservoir continues. The final study report will be submitted at a public meeting.

There have been discussions between Yellow Jacket Water Conservancy District, Colorado River Water Conservation District, Colorado Water Conservation Board, and Division of Wildlife for potentially enlarging Big Beaver Creek Dam to increase Lake Avery's storage capacity. Yellow Jacket WCD appears to be most interested in this project, although Division of Wildlife will also benefit. The project requires construction of a trans-basin structure to convey water from the White River to Big Beaver Creek. A final decision of the project has not been made.

The City of Steamboat Springs and Mount Warner Water and Sanitation District continue working toward making the required repairs and enlargement of Fish Creek Reservoir dam. Required permits from the US Forest Service, Army Corps of Engineers, and the US Fish and Wildlife Service has taken more time and effort, and has been more costly than was originally anticipated. Although the permits have not yet been issued, hope remains that construction can begin this year.

The Federal Wilderness Bill is still being negotiated. Disagreement over water rights language, proposed raises in grazing fees and other items continue to polarize proponents and opponents of the bill. Granting reserved rights under this bill could have a major impact on water rights in Jackson County and may lead to similar filings on the lower Colorado River. This would impact all upstream water rights in the Colorado River Basin.

Nebraska has filed a Motion before the Supreme Court to reopen Nebraska v Wyoming and Colorado. There have been several status conferences, but a formal hearing has not been set.

In January, the US Fish and Wildlife Service proposed a Rule to designate the 100-year flood plain on the Yampa river below Craig as a critical habitat for squawfish, razorback sucker, and hump back and bony tail chubs. These species are considered endangered. The proposed rule would require stream flows to be maintained at a level of at least 50% of the historic average during non-runoff months. Also, remaining flows now available during runoff months could not be diminished.

Potential impacts to Yampa River Basin activities could require consultations with USF&WS on all activities requiring federal action. There could also be more severe scrutiny when a determination is made that an activity "may impact" critical habitat or other endangered fish resources. There is also the possibility of limitations on future diversions and increased consumptive use if peak flows or historic average flows are impacted. This could result in reconsultation on projects with ongoing federal involvement, and may impact activities within the 100-year floodplain. The final Rule, due September 1993, has not been finalized.

The CRWCD is attempting to define the "environmental baseline" used by the USF&WS to evaluate flow modifications within the Yampa River Basin. The baseline is needed to determine if sufficient water remains in the Yampa River Basin to make Elkhead Creek and Stagecoach Reservoir enlargements feasible. The HYDROS Model, developed in 1989 to evaluate impacts of Stagecoach Reservoir during the Section 7 Consultation, was found to have errors in the way water supply and demand are presented. The current study is an attempt to correct these errors so that the Model more closely represents the hydrology and demands on the Yampa River.

The Colorado River Water Conservation District has also been looking at diversion structures that may impede normal migration of endangered fish up and down the Yampa River. The stimulus for this study was the problems Craig encountered with the USF&WS when trying to obtain approval to upgrade the diversion structure for the municipal intake. The USF&WS has demanded that any new permanent diversion structure in the river channel must be constructed to allow fish to cross in either direction, even at low flows. The CRWCD has found five structures

below Hayden that could have problems with this requirement, if the USF&WS places the requirement on existing irrigation structures. The CRWCD is exploring avenues for cost sharing with Federal and State agencies to help finance the construction of permanent structures that will meet this criteria.

The City of Craig was successful in designing and constructing a diversion structure acceptable to the USF&WS and the Army Corps of Engineers. The City received the 1993 award for Excellence in Environmental Engineering from the American Academy of Environmental Engineering for their efforts. It is felt that a similar design could be adapted for permanent irrigation diversion structures, if required by the ACOE and the USF&WS.

3. INVOLVEMENT IN THE WATER USER COMMUNITY

Division staff continues to assist water users with preparation of water court and well permit applications, and provide water rights information. Dam owners are given assistance with completing Emergency Preparedness plans, and water users are assisted 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 September, the Division Engineer worked with Karl Kumli of Krassa, Lindholm, Kumli & Madsen law firm, with a presentation to Steamboat Springs Realtors. The subject was "Water Rights In Relation To Real Estate Transactions." The presentation seemed well received as there were approximately 100 Realtors in attendance.

4. UNADDRESSED WATER ISSUES

All water issues in the Division have been addressed to some extent. Additional efforts are needed to finalize the Pot Creek Agreement update. Any urgency has been lessened, since Utah and Colorado users have received a fair share of the water in the Pot Creek Basin for the last three years. Perhaps the biggest improvement in administration was the appointment of a Water Commissioner that is not an employee of the Utah Division of Wildlife Resources, which owns the upstream reservoirs.

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 have been amended in an attempt to prevent Division of Parks and Outdoor Recreation from getting the decree they seek. Local entities object to the idea that USF&WS and endangered fish will receive the benefit of water released from Steamboat Lake.

5. WORKLOAD CHANGES WHICH AFFECT THE DIVISION

The loss of Position No. 157 (1.0 FTE) has forced us to make our full time well inspector, Water Commissioner of District 44. We believe this change will impact the quality of well construction and increase the number of wells constructed without proper permits.

Walter Bohrer continues to inspect wells as time permits. His assistance in reviewing well permit applications is now restricted, placing the increased workload on the Secretary and Division Engineer. Other staff members could be available to assist in reviewing applications, but required training has not been provided.

Field checks of water court applications continue to stress our resources. The Water Referee relies on our recommendations, because of severe time limitations imposed upon him. Any further reductions could force us to reevaluate our position on field inspections.

A considerable amount of staff time was spent completing System Maintenance questionnaires, for use by the State personnel department in setting up new employee classes. The new "language" and concept for describing duties of each position was very confusing, making this a difficult task. It became apparent that as the project progressed, few employees would be satisfied with the evolving class descriptions. This project seemed to have a negative impact on employee morale.

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

Our office space previously at Norwest Bank building was out of compliance with the Americans with Disabilities Act. Arrangements had been made with the bank that allowed use of space accessible to the physically disabled. A new lease agreement, submitted to the bank at the beginning of the fiscal year, was not acceptable to their attorney. An eight-page addendum was added to the lease that the Attorney General found objectionable. New office space was found in late November, and notice was given to the bank that we would vacate by January 1. A part of the new space was unavailable on January 1, so the move had to be made in stages. Water court files and resource materials had to be placed in storage for a month, but the office is now functional. The telephone numbers and mailing address have not changed.

COMING WATER YEAR 1994

1. Key Objectives

Our goal is to make Division operations as efficient as possible. Staff assignments continue to be evaluated relative to work force requirements and availability. Responsibilities are alternated between staff as needed, to equalize workload and improve efficiency. The use of computers enhances our ability to administer water rights and provides reliable information to water users. Well permit applications are reviewed prior to submittal to the groundwater section in Denver. This reduces the number of applications returned to applicants for corrections.

Efforts to improve the safety of all dams in the Division, continue with scheduled inspections. Dam owners are encouraged to implement adequate maintenance programs. We also continue to provide assistance to dam owners with preparation and updates of their Emergency Preparedness Plans.

Attempts will be made to acquire and maintain a complete set of written policies and directives of the Division of Water Resources to keep us better apprised. 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 keep them apprised of issues within the division, and to enlist their support on legislative changes that impact our operations.

Public Education and Informational Meetings

Attendance at meetings to provide information and public education on water related information as requested, will continue.

TRANSMOUNTAIN DIVERSION SUMMARY - INFLOWS

Source		Recipient						
WD	ID	NAME	10 Year Avg AF	Current Year AF	Days	WD	ID	Stream
		STREAM						

N O I N F L O W S

TRANSMOUNTAIN DIVERSION SUMMARY - OUTFLOWS

WD	ID	NAME	Source		10 Year Avg		Current Year		Recipient		
			STREAM		AF	Days	AF	Days	WD	ID	Stream
47	4602	Cameron Pass D.	Michigan River	66	19	131	41	3		Poudre River	
47	4603	Michigan Ditch	Michigan River	2845	191	5892	170	3		Poudre River	
58	4684	Sarvis Ditch	Sarvis Creek	989	233	848	259	50		Muddy Creek	
58	4630	Dome Creek D.	Dome Creek	210	42	300	53	53		Egeria Creek	
58	4685	Stillwater D.	Bear River	960	84	2219	124	53		Egeria Creek	

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)		Date	Maximum	AF	End of Year
			Minimum	AF				
44 3504	SULLIVAN RES LOWER	CEDAR CK	0	0	06/01/93	05/18/93	51	0
44 3673	WADDLE CK RES	WADDLE CK	39	39	05/04/93	05/04/93	39	39
44 3674	WILSON RESERVOIR	GOOD SPRING CK	418	418	05/18/93	05/18/93	418	418
44 3675	WYMAN RES	LITTLE BEAVER CK	90	90	06/21/93	05/18/93	95	90
44 3677	ANDERSON RES	NORTH FK of ELKHEAD CK	100	100	07/29/93	06/24/93	140	100
44 3681	BUNKER LAKE RES	BUNKER CK	180	180	11/01/92	07/01/93	200	180
44 3682	COVE LAKE RES	MORAPOS CK	50	50	06/16/93	05/25/93	70	50
44 3683	COVE RES	MORAPOS CK	85	85	06/16/93	05/25/93	119	85
44 3686	DRESCHER RES	BASIN GULCH	0	0	07/05/93	05/04/93	200	0
44 3688	DUNKLEY DEUBEAU RES	WILLOW CK	0	0	11/01/92	05/15/93	25	2
44 3689	D D & E RES	MILK CK	900	900	06/21/93	05/18/93	1011	900
44 3695	LEFTWICH RES	BOONE CK	36	36	05/05/93	05/05/93	36	36
44 3700	OWEN CARRIGAN RES	MORAPOS CK	3	3	09/15/93	09/15/93	3	3
44 3701	POOSE CK RES	POOSE CK	278	278	11/01/92	11/01/92	278	278
44 3702	ROBY RES	MORAPOS CK	20	20	09/15/93	09/15/93	20	20
44 3706	SELLERS CROWELL RES	WILLOW CK	0	0	11/01/92	05/15/93	100	0
44 3721	ELLGEN RESERVOIR	BELL ROCK GULCH	0	0	08/06/93	05/11/93	50	0
44 3722	ELLGEN RESERVOIR NO 2	MC LERNON DRAW	0	0	08/06/93	05/11/93	53	0
44 3723	B & B RESERVOIR	FLUME GULCH	21	21	07/05/93	07/05/93	21	21
44 3736	CULVERWELL RESERVOIR	SAND SPRING GULCH	210	210	07/29/93	05/11/93	235	210
44 3738	FREEMAN RESERVOIR	LITTLE COTTONWOOD CK	137	137	05/28/93	05/28/93	137	137
44 3739	SHAFFER RESERVOIR	WILLOW CK	0	0	11/01/92	05/15/93	31	0
44 3912	RAW WATER RESERVOIR	YAMPA RIVER	554	554	05/05/93	05/05/93	554	554
44 3925	FLAT TOP RES	SECOND CK	0	0	11/01/92	05/01/93	105	91
44 3929	GILL RESERVOIR	TRIBUTARIES-EAST FK	50	50	11/01/92	05/30/93	70	50
44 4381	PEARCE RES	TRIBUTARIES	48	48	09/09/93	05/13/93	50	48
44 4436	ROBB PIT	TRIBUTARIES	807	807	06/29/93	06/29/93	807	807
44 4437	KITCHENS & KLECKNER RES	TRIBUTARIES-ELKHEAD CK	30	30	07/29/93	07/29/93	30	30
44 4453	LOUDY RESERVOIR	TRIBUTARIES	50	50	05/05/93	05/05/93	50	50
TOTAL FOR DISTRICT 44			17288	19708			17863	

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)		Date	End of Year
			Minimum	Maximum		
47 3523	ABRAHAM POND	ILLINOIS RIVER	5	5	05/16/93	5
47 3528	ANTELOPE POND	ILLINOIS RIVER	0	77	07/21/93	77
47 3529	BREWER POND	ILLINOIS RIVER	0	2	07/21/93	1
47 3530	ELK POND	ILLINOIS RIVER	10	10	05/16/93	10
47 3531	POTTER CREEK POND	ILLINOIS RIVER	20	36	07/21/93	36
47 3532	SEVENTY SIX POND	ILLINOIS RIVER	20	25	07/21/93	25
47 3533	WILSON POND	ILLINOIS RIVER	13	13	05/16/93	13
47 3534	ALKALI POND	POTTER CK	0	5	07/21/93	0
47 3535	ALLARD CONTOUR, MID POND	ILLINOIS RIVER	0	6	07/21/93	0
47 3536	ALLARD CONTOUR N. POND	ILLINOIS RIVER	0	4	07/21/93	4
47 3537	ALLARD POND, NORTH	ILLINOIS RIVER	0	8	07/21/93	8
47 3538	ALLARD COUNTOUR, S. POND	ILLINOIS RIVER	0	7	07/21/93	7
47 3539	ALLARD POND, SOUTH	ILLINOIS RIVER	0	3	07/21/93	3
47 3540	ANDERSON CONTOUR POND	ILLINOIS RIVER	0	4	07/21/93	0
47 3541	ANDERSON DRAIN	ILLINOIS RIVER	0	3	07/21/93	0
47 3542	AVOCET POND	ILLINOIS RIVER	0	15	07/21/93	15
47 3543	BIRDIE POND	ILLINOIS RIVER	0	9	07/21/93	9
47 3544	BIRDIE POND	ILLINOIS RIVER	0	19	05/16/93	19
47 3545	BROCKER POND NORTH	ILLINOIS RIVER	0	15	07/21/93	0
47 3546	BUDDIES POND	ILLINOIS RIVER	0	15	07/21/93	15
47 3547	BULRUSH POND	ILLINOIS RIVER	16	16	05/17/93	16
47 3548	CASE RES #2 ANNEX POND	ILLINOIS RIVER	13	13	05/16/93	13
47 3549	CATTAIL POND	ILLINOIS RIVER	9	9	05/17/93	9
47 3550	COYOTE POND	ILLINOIS RIVER	3	3	05/17/93	3
47 3551	DIVERSION POND	ILLINOIS RIVER	0	1	07/21/93	0
47 3552	EAGLE POND	ILLINOIS RIVER	22	22	05/16/93	22
47 3553	EISEMANN POND	ILLINOIS RIVER	15	15	05/16/93	15
47 3554	FISH HATCHERY POND, EAST	ILLINOIS RIVER	8	8	05/16/93	8
47 3555	FISH HATCHERY POND WEST	POTTER CK	2	2	05/16/93	2

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)		Date	Maximum AF	Date	Minimum AF	Date	End of Year
			Minimum	Maximum						
47 3556	FISHERMAN'S PARKING POND	ILLINOIS RIVER	1	1	05/16/93	1	05/16/93	1	05/16/93	1
47 3557	FOLLETT POND	ILLINOIS RIVER	10	10	05/17/93	10	05/17/93	10	05/17/93	10
47 3558	FOX POND	ILLINOIS RIVER	0	100	05/17/93	100	07/21/93	0	07/21/93	90
47 3559	GERM POND	ILLINOIS RIVER	28	28	05/16/93	28	05/16/93	28	05/16/93	28
47 3560	GOOSE POND	ILLINOIS RIVER	49	49	05/16/93	49	05/16/93	49	05/16/93	49
47 3561	GREASEWOOD POND	ILLINOIS RIVER	0	10	05/16/93	10	07/21/93	0	07/21/93	5
47 3562	HAMPTON NO 1 POND	ILLINOIS RIVER	0	1	05/16/93	1	07/21/93	0	07/21/93	1
47 3563	HAMPTON NO 2 POND	ILLINOIS RIVER	20	22	05/16/93	22	07/21/93	20	07/21/93	22
47 3564	HAMPTON NO 3 POND	ILLINOIS RIVER	23	25	05/16/93	25	07/21/93	23	07/21/93	25
47 3565	HOME POND	ILLINOIS RIVER	0	52	05/16/93	52	09/26/93	0	09/26/93	52
47 3566	HORSESHOE POND	ILLINOIS RIVER	2	2	05/16/93	2	05/16/93	2	05/16/93	2
47 3567	KITCHEN POND	ILLINOIS RIVER	9	9	05/16/93	9	05/16/93	9	05/16/93	9
47 3568	LIVING ROOM POND	ILLINOIS RIVER	0	6	04/15/93	6	06/30/93	0	06/30/93	0
47 3569	MARSH POND	ANTELOPE CK	15	15	05/16/93	15	05/16/93	15	05/16/93	15
47 3570	MCCAMMON POND NORTH	ILLINOIS RIVER	6	8	05/16/93	8	07/21/93	6	07/21/93	8
47 3571	MCCAMMON POND SOUTH	ILLINOIS RIVER	30	41	05/16/93	41	07/21/93	30	07/21/93	41
47 3572	N. TOUR ROUTE POND	ILLINOIS RIVER	10	10	05/16/93	10	05/16/93	10	05/16/93	10
47 3573	OLD ROAD POND	ILLINOIS RIVER	5	5	05/16/93	5	05/16/93	5	05/16/93	5
47 3574	ONE TWENTY FIVE POND	ILLINOIS RIVER	17	17	05/17/93	17	05/17/93	17	05/17/93	17
47 3575	PATTEN POND	ILLINOIS RIVER	5	10	05/16/93	10	07/21/93	5	07/21/93	10
47 3576	POTHOLE POND	ILLINOIS RIVER	7	7	05/16/93	7	05/16/93	7	05/16/93	7
47 3577	PRAIRIE DOG POND	ANTELOPE CK	0	18	07/21/93	18	05/16/93	0	05/16/93	0
47 3578	RAT DITCH POND	ILLINOIS RIVER	3	6	05/16/93	6	07/21/93	3	07/21/93	6
47 3579	RIZOR POND	ILLINOIS RIVER	11	11	05/16/93	11	05/16/93	11	05/16/93	11
47 3580	ROADSIDE POND NORTH	ILLINOIS RIVER	0	4	05/16/93	4	07/21/93	0	07/21/93	0
47 3581	ROADSIDE POND SOUTH	ILLINOIS RIVER	0	6	05/16/93	6	07/21/93	0	07/21/93	0
47 3582	ROSS POND	POTTER CK	0	5	09/26/93	5	05/16/93	0	05/16/93	0
47 3583	SCHOOL POND NORTH	ILLINOIS RIVER	30	30	05/16/93	30	05/16/93	30	05/16/93	30
47 3584	SCHOOL POND SOUTH	ILLINOIS RIVER	27	27	05/16/93	27	05/16/93	27	05/16/93	27
47 3585	SMITH POND	ILLINOIS RIVER	12	12	05/16/93	12	05/16/93	12	05/16/93	12

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)		Date	Minimum AF	Date	Maximum AF	End of Year
			Minimum	Maximum					
47 3586	SOLBERG POND	ILLINOIS RIVER	05/16/93	2	07/21/93	11	11	11	
47 3587	SOUTH TOUR ROUTE POND	ILLINOIS RIVER	09/26/93	0	05/16/93	1	0	0	
47 3588	SPRING CREEK POND	SPRING CK	05/17/93	63	05/17/93	63	63	63	
47 3589	VARNEY POND	ILLINOIS RIVER	05/16/93	18	07/21/93	21	21	21	
47 3590	WILLFORD POND	ILLINOIS RIVER	05/17/93	30	07/21/93	62	62	62	
47 3597	BUFFALO RES	BUFFALO CK	07/07/93	337	11/22/92	486	486	486	
47 3598	BUTTE RES	TRIBUTARIES	07/19/93	274	09/13/93	833	804	804	
47 3599	CARLSTROM RES	MICHIGAN RIVER	08/20/93	316	11/06/92	530	530	530	
47 3600	CASE RES NO 1	ANTELOPE CK	05/16/93	53	07/21/93	64	61	61	
47 3601	CASE RES NO 2	POTTER CK	05/16/93	98	05/16/93	98	98	98	
47 3602	CASE RES NO 3	POTTER CK	05/16/93	7	07/21/93	13	13	13	
47 3603	CLAYTON RESERVOIR	BUFFALO CK	11/01/92	51	04/29/93	213	213	213	
47 3608	HECLA RESERVOIR	ARAPAHOE CK	07/07/93	158	11/01/92	255	255	255	
47 3609	HUNTER RES	SOUTH FK-THREE MILE	11/01/92	0	05/15/93	2	0	0	
47 3610	JACKSON RES	RILEY CK	05/21/93	86	11/01/92	119	119	119	
47 3613	LAKE ROSLYN RES	LIL WILLOW CK	04/01/93	290	04/01/93	290	290	290	
47 3614	MACPARLANE RES	SOAP CK	09/27/93	2995	05/24/93	5472	2995	2995	
47 3616	MEXICAN RESERVOIR	MEXICAN CK	07/12/93	15	05/01/93	152	15	15	
47 3617	P W FISCHER RES	FISCHER DRAW	11/01/92	0	06/15/93	29	0	0	
47 3620	SHAWVER RES	INDIAN CK	10/12/93	0	05/24/93	3	0	0	
47 3621	SLACK & WEISS RES	NINEGAR CK	07/07/93	85	01/01/93	152	152	152	
47 3622	SOUTH ARAPAHOE RES	ARAPAHOE CK	11/01/92	0	05/27/93	16	4	4	
47 3623	STAMBAUGH RES	CROSBY CK	11/01/92	50	05/28/93	139	58	58	
47 3624	STATE WALDEN RES	POTTER CK	05/16/93	38	05/16/93	38	38	38	
47 3625	THREE MILE RES	THREE MILE CK	11/01/92	3	06/02/93	49	17	17	
47 3627	WALDEN RESERVOIR	ILLINOIS RIVER	11/01/92	3321	04/28/93	4594	4264	4264	
47 3628	WEST ARAPAHOE RES	ARAPAHOE CK	11/01/92	0	05/27/93	497	35	35	
47 3629	WILLS RES	SIX MILE CK	11/01/92	0	06/14/93	3	0	0	
47 3630	TWO LEDGE RES	ARAPAHOE CK	07/15/93	24	06/01/93	31	24	24	
47 3725	ADDISON RESERVOIR	BUFFALO CK	07/10/93	0	11/01/92	42	42	42	

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)				End of Year
			Minimum	AF	Date	Maximum	
47 3726	AQUA FRIA RES	BEAVER CK-ROARING FK	11/01/92	412	12/01/92	550	550
47 3742	LAUNE RESERVOIR	TRIBUTARIES	11/01/92	1230	10/01/93	2830	2830
47 3743	SEYMOUR RES	BIG GRIZZLY CK	07/20/93	160	11/01/92	525	525
47 3744	COYTE RESERVOIR	ARAPAHOE CK	11/01/92	38	11/01/92	38	38
47 3750	LAKE JOHN	LAKE CK	08/01/93	3889	11/01/92	6208	6185
47 3757	RIDINGS RES	BUFFALO CK	11/01/92	0	06/18/93	46	0
47 3760	BURNS RES	CHEDSEY CK	11/01/92	19	06/10/93	39	39
47 3777	NINEGAR RESERVOIR	NINEGAR CK	07/07/93	0	11/01/92	24	24
47 4335	MEADOW CREEK RES	MEADOW CK	11/01/92	4110	05/22/93	4750	4750
47 4432	SPRING CK RES	SPRING CK	09/26/93	68	05/16/93	70	68
47 4433	MUSKRAT POND	POTTER CK	11/01/92	109	06/30/93	372	331
TOTAL FOR DISTRICT 47				18824		30645	26836
54 3589	ELK LAKE RES	WILLOW CK	09/13/93	50	05/11/93	400	50
54 3591	LAKE FORK RESERVOIR	LAKE FORK CK	06/26/93	44	06/26/93	44	44
54 3780	MARTIN CULL RESERVOIR	FOUR MILE CK	10/01/93	50	05/11/93	250	50
54 3944	LOWER COGDILL RES	GOVT/CORRAL CK	06/12/93	173	06/12/93	173	173
54 3945	UPPER COGDILL RES	GOVT/CORRAL CK	06/12/93	45	06/12/93	45	45
54 3946	MCCARGER RES	INDEPENDENCE CK	09/15/93	64	09/15/93	64	64
54 3948	SLATER CR LAKE	LAKE CK	07/10/93	10	06/06/93	88	10
54 4359	GEORGIOU RES	FOUR MILE CK	06/16/93	15	06/16/93	15	15
54 4454	MINE DRAW RESERVOIR 3	HOUSEL GULCH	06/20/93	15	06/20/93	15	15
TOTAL FOR DISTRICT 54				467		1096	467

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)				End of Year
			Minimum	AF	Date	Maximum	
56 3710	BASSETT RESERVOIR NO 1	MATT SPRING CK	11/14/92	32	11/14/92	32	32
56 3712	DRY LAKE RESERVOIR	DRY CK of POT CK	04/29/93	10	06/05/93	18	18
56 3713	HAUNTED SPG RES	HAUNTED SPG GULCH	09/16/93	4	05/24/93	9	4
56 3714	MASSEY RESERVOIR	DRY CK of POT CK	04/29/93	15	04/29/93	15	15
56 3715	OFFIELD RESERVOIR	POT CK	04/29/93	80	06/10/93	300	200
56 3740	BASSETT RESERVOIR NO 2	BULL CANYON	08/30/93	15	11/14/92	54	15
56 3903	CALDER RESERVOIR NO 2	POT CK	09/20/93	1500	04/29/93	1800	1500
56 3905	MILES DITCH STORAGE	POT CK	04/29/93	0	05/10/93	86	0
56 3921	COVE RES	COTTONWOOD CK	09/16/93	40	05/24/93	61	40
56 4452	HOUSE RESERVOIR	ANTONE CANYON	07/16/93	0	04/16/93	20	0
56 4453	IRISH LAKE	VERMILLION CK	07/16/93	0	04/16/93	5	0
TOTAL FOR DISTRICT 56				1696		2400	1824
57 3500	SENECA MINE POND 006	HUBBERSON GULCH	10/01/93	10	05/01/93	17	12
57 3516	WOLF MOUNTAIN RES	WOLF CK	11/01/92	82	11/01/92	82	82
57 3523	PEABODY POND Y-1	SAGE CK	11/01/92	3	05/01/93	5	4
57 3541	HUNTER NO 1 RES	MIDDLE CK	06/14/93	2	05/13/93	10	2
57 3542	WOLF MOUNTAIN RES 2	WOLF CK	11/01/92	40	11/01/92	40	40
57 3543	EARLE'S RESERVOIR	SMUJIN GULCH	11/01/92	2	11/01/92	2	2
57 3549	APPLE RES	DRY FORK	11/01/92	4	05/19/93	11	4
57 3551	BROCK RESERVOIR	BROCK GULCH	11/01/92	2	05/26/93	5	5
57 3555	ECKMAN PARK RES 1	FOIDEL CK	11/01/92	4	05/15/93	10	4
57 3560	EMRICH RES	TEMPLE GULCH	05/13/93	0	04/07/93	271	0
57 3562	SCHAEFERMEYER RES 4	FISKE CK	11/01/92	2	11/01/92	2	2
57 3564	GREASEWOOD FLAT RES	DILL GULCH	09/15/93	3	04/07/93	8	3
57 3571	JAMES MARION YOAST RES	YOAST GULCH	04/21/93	0	06/10/93	201	67
57 3572	J C TEMPLE RES 1	TEMPLE GULCH	09/14/93	95	04/07/93	475	95

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)		Date	End of Year
			Minimum	Maximum		
57 3574	MORGAN CREEK RES 1	MORGAN CK	0	100	05/03/93	5
57 3575	NOFSTGER RES	SCOTCHMANS GULCH	70	95	03/30/93	70
57 3576	NOFSTGER ZEIGLER RES	SCOTCHMANS GULCH	0	67	06/07/93	50
57 3578	SCHAEFERMEYER RES 1	FISKE CK	0	25	05/03/93	20
57 3579	SCHAEFERMEYER RES 2	MORGAN CK	7	7	11/01/92	7
57 3582	SEATON RES	MIDDLE FISH CK	0	20	05/15/93	0
57 3583	SHERIFF RES	TROUT CK	53	987	06/21/93	53
57 3585	WHESTONE RES	WHESTONE CK	10	23	05/12/93	13
57 3587	YOAST RESERVOIR 1	YOAST GULCH	0	9	08/04/93	1
57 3761	EAST OF MINE SHOP IMPND	GRASSY CK	5	9	06/15/93	9
57 3772	KOWACH RESERVOIR 1	BUCHANAN GULCH	25	33	05/01/93	28
57 3775	COZZENS WALROD RESERVOIR	HUTCHINSON DRAW	0	20	05/13/93	0
57 3786	ASHPONDS HAYDEN STA	SAGE CK	1013	1013	11/01/92	1013
57 3793	WADGE PIT RES	GRASSY CK	118	150	06/15/93	150
57 4000	CURTIS GULCH STOCK POND	CURTIS GULCH	35	40	05/15/93	35
57 4002	INTERMEDIATE QUALITY P	SAGE CK	200	200	11/01/92	200
57 4003	EVAPORATION POND	SAGE CK	0	0	11/01/92	0
TOTAL FOR DISTRICT 57			1784	3936		1975
58 3500	ALLEN BASIN RES	MIDDLE HUNT CK	34	815	06/08/93	48
58 3501	ALMA M BAER RES	FISH CK	3	3	11/01/92	3
58 3503	BISON PARK RES	LAWSON CK	0	40	05/01/93	0
58 3504	BULL PARK RES 2	WATSON CK	0	30	06/28/93	0
58 3505	BURNT MESA RES	SOUTH HUNT CK	10	30	06/02/93	20
58 3506	CHAPMAN RES	LITTLE OAK CK	50	247	05/30/93	60
58 3507	FINGER ROCK STORAGE POND	BRINKER CK	10	20	11/01/92	20
58 3508	FISH CREEK RES	MIDDLE FK of FISH CK	0	1850	06/25/93	1566

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)		Date	Maximum	AF	End of Year
				Minimum	AF				
58	3509	FISH LAKE RES 2	WHEELER, LAKE CK	35	35	11/01/92	11/01/92	35	35
58	3511	GARDNER PARK RESERVOIR	GARDNER PARK CK	644	644	09/29/93	05/20/93	936	644
58	3512	HAHNS PEAK RES	WILLOW CK	601	601	11/01/92	11/01/92	601	601
58	3513	HEART LAKE RES	WATSON CK	0	0	11/01/92	06/28/93	200	40
58	3518	LAKE CREEK RES	WHEELER, LAKE CK	292	292	11/01/92	11/01/92	292	292
58	3519	LAKE WINDEMERE RES	DE CORA GULCH	5	5	10/29/93	04/20/93	24	5
58	3520	LEE RESERVOIR	CHIMNEY CK OR S FK	0	0	11/01/92	05/27/93	10	0
58	3521	LESTER CR RES	LESTER CK	5657	5657	11/01/92	11/01/92	5657	5657
58	3522	LONG LAKE RES	SOUTH FK of FISH CK	200	200	04/30/93	11/01/92	396	396
58	3524	MAY RESERVOIR	GEORGES GULCH	1	1	11/01/92	05/18/93	3	1
58	3525	MCCHIVVIS RES	WATSON CK	0	0	11/01/92	06/19/93	180	40
58	3526	MILK CREEK RESERVOIR	MILK CK	3	3	11/01/92	06/01/93	4	3
58	3528	MOORE PARK RES	MOORE PARK CK	21	21	11/01/92	11/01/92	21	21
58	3530	OAK CREEK RES	OAK CK	2	2	11/01/92	11/01/92	2	2
58	3532	RAMS HORN RES	DOME CK	122	122	11/01/92	11/01/92	122	122
58	3539	SIMON RES 1	MIDDLE HUNT CK	72	72	11/01/92	06/21/93	786	129
58	3540	STILLWATER RES 1	BEAR RIVER	1091	1091	11/01/92	07/01/93	4356	2354
58	3544	TRULL CR RES	TRULL CK	1	1	11/01/92	04/29/93	149	1
58	3545	BEAR LAKE	BEAR RIVER	620	620	11/01/92	11/01/92	620	620
58	3546	WHEELER RES	WHEELER, LAKE CK	37	37	11/01/92	11/01/92	37	37
58	3547	WHITELEY NELSON RES	WILSON CK	10	10	11/01/92	05/12/93	429	10
58	3561	CHARLIES POND	TRIBUTARIES-ELK R	1	1	11/01/92	04/14/93	4	4
58	3564	OVERMAN RESERVOIR	TRIBUTARIES	0	0	11/01/92	06/01/93	50	10
58	3569	FOLLY POND	OAK CK	25	25	09/30/93	06/01/93	40	25
58	3571	MYSTIC RESERVOIR 2	TRULL CK	1	1	05/04/93	05/04/93	1	1
58	3586	FAIT RESERVOIR	RENPRO CK	0	0	10/31/93	05/27/93	5	0
58	3596	LODWICK POND	FISH CK	13	13	11/01/92	11/01/92	13	13
58	3599	VALENTINE POND	FISH CK	2	2	11/01/92	11/01/92	2	2
58	3603	CHAPMAN POND	ELK RIVER	1	1	11/01/92	06/07/93	6	4

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)		Date	End of Year
			Minimum	Maximum		
58 3609	WILDFLOWER POND	MILL CK of WILLOW CK	0		09/24/93	5
58 3611	VAN STRAATEN POND	COULTON CK	7		11/01/92	7
58 3631	LAKE CATAMOUNT	YAMPA RIVER	5500	8868	05/29/93	7632
58 3632	HOGUE RES	TRIBUTARIES	0	54	04/29/93	0
58 3635	ROSSI RESERVOIR 1	MIDDLE HUNT CK	10	10	11/01/92	10
58 3729	BLACKHOLE RES	OAK CK	6	6	11/01/92	6
58 3755	ROLLAND REID RES	WILLEY CK	6	8	05/18/93	6
58 3767	CROWNER RESERVOIR	BEAVER CK of CHIMNEY CK	0	18	05/17/93	0
58 3770	MARTIN RESERVOIR	MARTIN CK	27	74	05/15/93	38
58 3771	TILLQUIST LAKE RESERVOIR	MORRISON CK	6	6	11/01/92	6
58 3787	STEAMBOAT LAKE	WILLOW CK	12865	25018	06/11/93	24466
58 3825	UPPER ROBINSON RES	DEER CK	20	23	05/01/93	20
58 3826	BAR BEE LAKE	BEAVER CK of MORRISON CK	60	80	11/01/92	80
58 3940	REED RESERVOIR	CHIMNEY CK	0	8	05/17/93	8
58 4213	STAGECOACH RESERVOIR	YAMPA RIVER	25157	33780	05/27/93	30955
58 4240	YAMCOLO RES	BEAR RIVER	3243	8724	06/20/93	5054
58 4362	HENDERSON RES	HENDERSON CK	23	31	05/31/93	25
58 4366	MAD RANCH POND	HOT SPRING CK	10	11	06/04/93	10
58 4376	STEAMBOAT WW RECL RES	TRIBUTARIES	25	35	11/01/92	35
58 4420	BROOKIE LAKE	WHEELER, LAKE CK	32	32	11/01/92	32
TOTAL FOR DISTRICT 58			56559	94813		1180

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)				End of Year
			Minimum	AF	Date	Maximum	
43 3630	BAILEY LAKE RETAIN POND	SWEDE CK	23	23	06/01/93	23	23
43 3632	BEAVER LAKE RESERVOIR	VAUGHN CK	67	67	05/11/93	67	67
43 3633	BIG BEAVER CK RESERVOIR	BIG BEAVER CK	0	0	05/03/93	0	0
43 3634	BLACK GULCH RES	BLACKS GULCH	0	0	04/15/93	0	0
43 3636	CABIN LAKE RESERVOIR	VAUGHN CK	16	16	05/11/93	16	16
43 3638	GOOSMAN RESERVOIR	ELK CK	6	6	05/04/93	6	6
43 3639	GREGOR RESERVOIR	VAUGHN CK	47	47	05/11/93	47	47
43 3642	JOHNNY JOHNSON RES	WHITE RIVER	600	600	07/01/93	1036	800
43 3643	KEYSTONE RES 2	PRICE CK	30	30	05/11/93	151	30
43 3644	KEYSTONE BEN PRICE RES	PRICE CK	75	75	05/11/93	287	75
43 3645	KEYSTONE RES 3	PRICE CK	10	10	05/11/93	31	10
43 3647	LARSON RES	NINETEEN MILE CK	61	61	08/19/93	62	62
43 3649	LUNNEY RESERVOIR	NINE MILE DRAW	30	30	04/20/93	82	30
43 3651	MCGINNIS MEADOW RES	SOUTH SKINNY FISH CK	87	87	06/16/93	87	87
43 3652	MCHATTEN RESERVOIR	COAL CK	20	20	04/20/93	64	20
43 3656	PROCTER RESERVOIR	CURTIS CK	0	0	03/25/93	7	0
43 3657	SEVENTH LAKE RESERVOIR	VAUGHN CK	32	32	05/11/93	32	32
43 3659	SKINNY FISH RESERVOIR	SKINNY FISH CK	301	301	06/16/93	301	301
43 3660	STUMP LAKE RESERVOIR	VAUGHN CK	10	10	05/11/93	10	10
43 3668	WATKIN RESERVOIR	COAL CK	135	135	04/20/93	135	135
43 3669	WEST MILLER RESERVOIR	WEST MILLER CK	50	50	06/09/93	78	50
43 3671	WILSON RES	EAST FLAG CK	0	0	05/03/93	100	0
43 3672	WEST STEWART GULCH RES	WEST STEWART GULCH	0	0	05/10/93	14	14
43 3717	EVACUATION CR LAKE RES	WEST EVACUATION CK	95	95	06/23/93	95	95
43 3769	BIG LICK RES	BIG BEAVER CK	250	250	05/11/93	503	250
43 3893	MARK RES NO 1	WEST CK	15	15	06/06/93	15	15
43 3894	BANTA RES NO 1	WEST CK	5	5	06/06/93	5	5
43 3895	KIRBY RES NO 2/60	WEST CK	28	28	06/06/93	28	28
43 3896	ALBRIGHT RES NO 2	WEST CK	0	0	06/06/93	0	0
43 3897	MARK RES NO 3	WEST CK	28	28	06/06/93	28	28

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD ID	RESERVOIR NAME	SOURCE STREAM	Amount in Storage (AF)				End of Year
			Minimum	AF	Date	Maximum	
43 3904	BALL LAKE RESERVOIR	MARVINE CK	18	18	05/11/93	18	18
43 4249	DORTCH POND NO 1	TRIBUTARIES-SOUTH FK	14	14	05/07/93	14	14
43 4272	JACOBS RESERVOIR	STRAWBERRY CK	38	38	07/26/93	38	38
43 4280	MARK RES NO 2	WEST DOUGLAS CK	31	31	06/06/93	31	31
43 4284	NINE MILE RANCH RES 1	CURTIS CK	41	41	05/03/93	41	41
43 4291	RAINBOW LAKE	NORTH FORK	37	37	06/01/93	37	37
43 4305	STRAWBERRY CREEK RES	STRAWBERRY CK	51	51	04/20/93	51	51
43 4308	THEOS RES 1	COAL CK	51	51	04/20/93	51	51
43 4320	JENSEN RES 1	CURTIS CK	19	19	05/03/93	19	19
43 4433	TAYLOR DRAW RES	WHITE RIVER	13800	13800	04/26/93	13800	13800
43 4446	JOHNSON POND 15	TRIBUTARIES-PICEANCE CK	1	1	07/31/93	3	1
43 4463	VANDIVER POND	NORTH FORK	25	25	05/06/93	25	25
43 4497	BLUE MOUNTAIN RES	WOLF CK	0	0	08/01/93	68	12
43 4499	REEVES RES	WOLF CK	12	12	09/18/93	34	12
43 4504	TAYLOR RES	HUNTER CK	10	10	08/05/93	81	10
TOTAL FOR DISTRICT 43			16167	17618		16394	

WATER DIVERSION SUMMARIES

WD	<u>Structures Reporting</u>					<u>All Other Structures</u>			<u>To Irrigation</u>		
	With Record Avail (1)	No Water Taken (2)	No Water Avail (3)	No Info (4)	No Record (5)	Estimated Number Visits to Structures	Total Diversions -AP-	Total Diversions to Storage -AP-	Total Diversions -AP-	Number of Acres Irrigated	Average AP per Acre
43	526	0	79	11	1,491	3,411	383,237	0	324,839	30,683	10.6
44	245	9	38	0	1,834	1,335	156,253	5,028	130,910	30,292	4.3
47	441	0	23	11	347	3,011	535,342	8,786	512,706	114,360	4.5
54	89	0	18	5	329	443	94,816	1,119	92,953	11,575	8.0
55	17	0	0	0	291	153	16,330	0	16,330	1,136	14.4
56	50	0	7	1	638	316	24,708	8,377	15,931*	1,640*	9.7
57	84	0	22	0	500	610	47,865	157	37,716	10,662	3.5
58	390	0	51	4	1,365	2,944	224,136	2,514	129,849	35,772	3.6
Total	1,842	9	238	32	6,795	12,223	1,482,687	25,981	1,261,234	236,120	5.3

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					3367	5892
TRANSBASIN OUT								3359	3367
MUNICIPAL		1462	230				413	42	7187
COMMERCIAL							353		635
INDUSTRIAL	11134	12715	40				4265	9	28163
RECREATION	397							485	882
FISHERY	22178	204	952				628	7132	31094
DOMESTIC & HOUSEHOLD	1635	1521		407		180	37	1424	5204
LIVESTOCK	21331	184	6736	337		220	3679	14848	47335
AUGMENTATION									
EVAPORATION									
GEOTHERMAL								171	171
SNOWMAKING									
MINIMUM STREAMFLOW									
POWER GENERATION		4229				13241		60936	65165
WILDLIFE									13241
RECHARGE									
OTHER							617		617
TOTALS	58398	20315	13850	744	0	13641	9992	91773	208953

**WATER COURT ACTIVITIES
Calendar Year 1993**

	<u>Division V</u>	<u>Division VI</u>
Applications	29	132
Consultations with Referee.....	27	132
Decrees Issued by Court for Water Rights.....	26	89
Dismissals.....	1	4
Complaints.....	0	0
Protests to Abandonment List.....	0	1

	<u>Division V</u>		<u>Division VI</u>	
<u>TYPE OF RULING</u>	<u>No. of Cases</u>	<u>Structures</u>	<u>No. of Cases</u>	<u>Structures</u>
Findings of Diligence on Conditional Rights	12	12	12	37
Cancellations of Conditional Rights	0	0	0	0
Conditional Water Rights Made Absolute	1	1	8	13
Surface Water Rights Adjudicated	8	14	36	75
Underground Water Rights Adjudicated	0	0	0	0
Water Storage Rights Adjudicated	1	1	12	32
Plans for Augmentation Adjudicated	1	22	1	10
Changes of Water Rights Adjudicated	5	24	2	5
Instream Flow Rights Adjudicated	0	0	12	12
Protests to Abandonment List - Denied	1	1	2	2
Protests to Abandonment List - Granted	1	2	0	0

RIVER CALLS WATER YEAR 1993

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	W. C. MOORE	06/28/93	09/30/93	13047.00000
43	CURTIS CREEK	PAYSON DITCH	KRISTAS BROS	05/17/93	07/01/93	12936.00000
47	ROARING FORK	SUNDAY CREEK DITCH	MARK IRVINE	07/20/93	07/26/93	18921.00000
47	GOVERNMENT CK	COE #1 DITCH	ERNIE KOLLAR	09/02/93	10/01/93	11860.00000
47	LITTLE WILLOW CK	DONELSON DITCH	DON VERHEUL	09/02/93	09/28/93	13679.00000
54	FOUR MILE CREEK	DAVIDSON DITCH	W. GEORGIU	07/03/93	07/23/93	13075.00000
54	FOUR MILE CREEK	GOLD VALLEY DITCH	W. GEORGIU	07/03/93	07/23/93	19624.17441
54	WILLOW CREEK	WILLOW CK DITCH	JOE BIRCH	08/04/93	10/02/93	12646.00000
57	W. FISH CREEK	HIGHLAND DITCH	JOHN PEROULIS	06/22/93	10/15/93	14501.00000
58	BEAR RIVER	PENNSYLVANIA	BOBBY GEORGE	05/19/93	09/94/93	12210.00000
58	MIDDLE HUNT CREEK	SIMON DITCH	MARK ROSSI	05/14/93	10/29/93	14032.00000
58	NORTH HUNT CREEK	N. HUNT CREEK D.	CHARLOTTE RIGGI	06/16/93	09/14/93	14384.00000
58	SOUTH HUNT CREEK	LAFON DITCH	TRUMAN YOWELL	07/06/93	08/24/93	18529.13985

1993 OFFICE ADMINISTRATION
AND WORKLOAD MEASURES

Professional and Technical Staff.....	3.00 FTE
Clerical Staff.....	1.00 FTE
Water Commissioners Assigned.....	6.92 FTE
Wells Permitted.....	255
Water Court Appearances.....	3
Meetings with Water Users.....	30
Meetings to Resolve Water Related Disputes.....	11
Contacts to Give Public Assistance on Water Rights.....	18548

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



Jody
Replace in 1993 report
Hal

RECEIVED
AUG 25 '94
WATER RESOURCES
STATE ENGINEER
COLO.

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

August 24, 1994

MEMORANDUM

TO: HAL D. SIMPSON, STATE ENGINEER
FROM: EDWARD W. BLANK, DIVISION VI ENGINEER *ed*
SUBJECT: WATER BUDGET REPORT

The previous report of the 1993 Division VI budget is incorrect. Please substitute the attached report in place of the one filed with our 1993 annual report.

EWB/lcp
attachment

COLORADO DIVISION OF WATER RESOURCES
 DIVISION 6 WATER BUDGET
 1993

BASIN YIELDS

White River at State Line	690505 AF
Yampa River above confluence Little Snake R.	1440987 AF
Little Snake River (does not acct for uses in Wyo)	503635 AF
Misc. Tributaries to Green R.	<u>15925 AF</u>
TOTAL Tributary to Green R.	2651052 AF
North Platte R.	455164 AF

CONSUMPTIVE USE

White River	58293 AF
Yampa River above confluence Little Snake R.	104911 AF
Little Snake River (In Colorado)	15263 AF
Green River and Tributaries in District 56	<u>3185 AF</u>
TOTAL Tributary to Green R.	181652 AF
North Platte R.	93496 AF

TRANSBASIN DIVERSION

Yampa River to Colorado R.	3367 AF
North Platte R. to Poudre R.	5892 AF

CHANGE IN RESERVOIR STORAGE

White River	- 788 AF
Yampa River above confluence Little Snake R.	+16008 AF
Little Snake River	- 628 AF
Misc. Tributaries to Green R.	- 262 AF
North Platte R.	+ 4346 AF

DIVISION 6 CONSUMPTIVE USE 1993 - BY DISTRICT

DISTRICT 43

Municipal	1120 AF
Industrial	11134 AF
Irrigation (for 32449 Acres)	44002 AF
Reservoir Evaporation	<u>2037</u> AF
TOTAL	58293 AF

DISTRICT 44

Municipal	950 AF
Industrial	12715 AF
Irrigation (for 25666 Acres)	30871 AF
Reservoir Evaporation	<u>1260</u> AF
TOTAL	45796 AF

DISTRICT 47

Municipal	150 AF
Industrial	40 AF
Irrigation (for 114508 Acres)	88182 AF
Reservoir Evaporation	<u>5124</u> AF
TOTAL	93496 AF

DISTRICT 54

Irrigation (for 11765 Acres)	13028 AF
Reservoir Evaporation	<u>106</u> AF
TOTAL	13134 AF

DISTRICT 55

Irrigation (for 1136 Acres)	2067 AF
Reservoir Evaporation	<u>62</u> AF
TOTAL	2129 AF

DISTRICT 56

Irrigation (for 1850 Acres)	3067 AF
Reservoir Evaporation	<u>118</u> AF
TOTAL	3185 AF

DISTRICT 57

Municipal	268 AF
Industrial	4265 AF
Irrigation (for 10731 Acres)	12462 AF
Reservoir Evaporation	<u>223</u> AF
TOTAL	17218 AF

DISTRICT 58

Municipal	2183 AF
Industrial	9 AF
Irrigation (for 36124 Acres)	36151 AF
Reservoir Evaporation	<u>3554</u> AF
TOTAL	41897 AF

revised 8/94