



Colorado **Division of Water Resources**



Taylor Draw Spillway

2005 Annual Report Water Division VI

Yampa, White & N. Platte River Basins

2005

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Introduction

This report summarizes the activities of the Division 6 office of the Colorado Division of Water Resources. It presents an overview of the administration activities that took place during calendar year 2005 and presents summary data for the water year. Please direct any questions regarding the information in this report to the Division 6 office in Steamboat Springs.

Water Year 2005

Basin Hydrology

Water Year 2005 proved to be a good water year. While not recording a large snowpack for the basin, there were ample summer rains that helped produce sufficient supplies of water for irrigation use throughout the Division. With the help of the rains, stream flows held up much longer into the summer than in the past several years. Hopefully, 2005 marked the end to the current drought cycle that has lingered in the northwest part of the state for the last six years.

The water year started out with above average precipitation, a holdover from the end of the previous year. Soil moisture was very high by the time the first snows came, which helped to prolong the runoff in the spring. Above-average temperatures reduced the early snowpack in December and January. Rain showers occurred throughout the lower elevations in both late December and mid-January melting much of the existing snow, although these events contributed to additional soil moisture. As the winter progressed, precipitation amounts tended to be closer to normal and the snowpack maintained a consistent, yet somewhat low, level. The table below lists the beginning of the month snowpack levels for the various drainage basins within the Division.

SNOWPACK AS PERCENT OF AVERAGE
Water Year 2005

Drainage	Jan	Feb	Mar	Apr	May
North Platte River	92	91	88	87	79
Yampa River	87	84	83	85	72
Little Snake River	100	104	102	98	89
White River	92	90	86	87	73

Source: Natural Resource Conservation Service Monthly Colorado Basin Outlook Reports

The monthly stream flow runoff forecasts developed by the Natural Resources Conservation Service (NRCS) tended to closely follow the snowpack readings. The forecasts held relatively steady in the January-May timeframe, with anticipated runoff forecasted in the range of 70 to

85% of average. The table below lists runoff forecasts for selected sites and the actual runoff as measured at the USGS gaging stations.

2005 Runoff Forecast in 1000's of Acre-Feet (April to July)

<u>Station Name</u>	<u>1-Jan</u>		<u>1-Mar</u>		<u>1-May</u>		<u>Actual</u>	
	Runoff	% Avg	Runoff	% Avg	Runoff	% Avg	Runoff	% Avg
North Platte nr Northgate	205	76	183	75	140	68	288	125
White River nr Meeker	240	83	200	69	198	68	290	100
Little Snake River nr Lily	330	90	330	90	310	85	303	83
Yampa River nr Maybell	825	83	750	76	740	75	1029	104

Precipitation amounts varied widely across the Division in 2005. There seemed to be no general pattern this year as below average months were followed by above average periods, then back to below-average. June was a particularly wet month throughout the Division. The heavy rainfall prolonged the runoff well into July and accounted for much of the greater than forecasted runoff totals. The tables below present both Water Year and Calendar Year precipitation totals for selected sites in the Division. Also shown are basin-wide percentages measured at the various SNOTEL sites in the Division for the 2005 water year. While the individual weather stations reported annual precipitation amounts above average for Water Year 2005, the basin-wide SNOTEL numbers reported the water year totals to be 93% of average.

**Monthly Precipitation Data for Selected Sites
Water Year 2005
(Inches)**

<u>Site</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Total</u>	<u>% of Avg</u>
Meeker	1.30	1.84	0.14	1.70	1.12	2.12	1.35	1.52	3.00	0.35	1.48	2.26	18.18	111
Walden	0.67	0.83	.067	0.87	0.51	0.38	1.02	1.26	3.94	0.67	1.20	0.66	12.68	116
Steamboat	2.08	2.69	1.69	2.14	2.05	1.99	3.37	2.57	5.60	1.63	3.54	1.50	30.85	129

**Monthly Precipitation Data for Selected Sites
Calendar Year 2005
(Inches)**

<u>Site</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Total</u>	<u>% of Avg</u>
Meeker	1.70	1.12	2.12	1.35	1.52	3.00	.035	1.48	2.46	2.17	1.36	0.31	18.94	115
Walden	0.87	0.51	0.38	1.02	1.26	3.94	0.67	1.20	0.66	0.83	0.0*	0.0*	11.34	103
Steamboat	2.14	2.05	1.99	3.37	2.57	5.60	1.63	3.54	1.50	3.64	2.02	1.44	31.67	132

(*denotes missing data)

**Basin-Wide Precipitation Data From NRCS SNOTEL Sites
Water Year 2005
(Percent of Average)**

<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>% of Avg</u>
127	80	69	99	75	73	92	95	240	49	87	77	93

Stream flows throughout the Division held up fairly well for most of the summer. The heavy precipitation in June coming at the end of the spring runoff kept most river flows above average until mid-July. From mid-July through September, flows dropped as precipitation was less than normal. The two exceptions to this pattern were the upper Little Snake River drainage and the Elk River. Both of these rivers had stream flows at or above average for the entire summer. With the approach of fall, precipitation events increased and stream flows rose to above average levels for the rest of the year. Listed below are the annual total flows reported at selected gages on the main rivers in the Division for Water Year 2005.

Total Runoff for Water Year 2005 in 1000's of Acre-feet

<u>Station Name</u>	<u>Total Flow (AF)</u>	<u>Average (AF)</u>	<u>% of Average</u>
White River below Boise Creek	466,100	534,100	87
Little Snake River at Lily	387,000	409,300	95
Yampa River near Maybell	1,224,600	1,122,000	109
North Platte near Northgate	353,300	308,700	116

The peak flow rate for these stations and the date of occurrence are listed below:

<u>Station Name</u>	<u>Peak Flow (cfs)</u>	<u>Date</u>
White River below Boise Creek	2,890	Jun 3, 2005
Little Snake River at Lily	4,360	May 23, 2005
Yampa River near Maybell	13,200	May 25, 2005
North Platte near Northgate	1,190	Jun 22, 2005

Water Administration

There was relatively little water administration in the Division in 2005. The prolonged runoff and early summer rains provided adequate supplies of water on most streams and rivers. A list of the calls that occurred in the various Water Districts is on Page 41.

Yampa River Drainage

The Yampa River drainage encompasses Water Districts 44, 54, 55, 56, 57 and 58. Most of the administration occurred in the headwaters of the Yampa and on some of the smaller tributaries. The major streams that went under administration include Bear River, the Hunt Creek drainages, and Fortification Creek. In most cases the calls for administration were either early in the season before the runoff began, or later in the summer as stream flows decreased. There were no calls on the Little Snake River or its tributaries this year.

While stream flows held up well during the early part of the summer, late summer flows dropped to very low levels. However, during the period of lower flows, most irrigation diversions were shut off, or greatly reduced, as most ranchers were haying. Discussions were held with the U.S. Fish and Wildlife Service in late August regarding the need for reservoir releases to supplement flows in the critical habitat area on the Yampa River below Craig. A decision was made to wait and monitor river flows before initiating a release. With the reduction in irrigation diversions and the return of precipitation in late September, no releases were made for the endangered species.

In mid-August, the Colorado Water Conservation Board (CWCB) placed a call for their minimum stream flow right on Willow Creek, below Steamboat Lake. This was the first time a minimum stream flow right has been administered in the Division. Releases from Steamboat Lake equal to the estimated inflow were made to help satisfy the call. While there are several springs upstream of the reservoir that are junior to the CWCB rights, a determination was made that their curtailment would not provide water to satisfy the call.

White River Drainage

Administration in Water District 43 was confined to the Piceance Creek drainage and only lasted from mid-April to mid-May. Once the runoff started, the call was removed and the system was free of administration for the rest of the irrigation season. This was the first irrigation season in eight years that Piceance Creek has not been under administration the entire summer. Energy exploration continues in the Piceance Creek and Yellow Creek basins at an ever-increasing pace. With these basins not under administration this year, diversions made from Piceance Creek satisfied most of the water needs for the drilling operations.

Sufficient water on the main stem of the White River and on the major tributaries upstream of Meeker satisfied the needs of the users throughout the year.

North Platte Drainage

Administration in the North Platte drainage this year was limited to two small stream systems. Most reservoirs in the drainage filled in early spring and the summer rains reduced the need for reservoir releases. Ample carry-over storage remained going into the storage season in the fall of 2005.

Compacts and Inter-State Agreements

The following is a brief description of the inter-state compacts and agreements administered by Division 6. There were no major issues dealing with these agreements.

Upper Colorado River Compact

Under Article XIII (a), the State of Colorado will not cause the flow of the Yampa River at the Maybell gage to be depleted below an aggregate amount of 5,000,000 acre-feet for any period of ten consecutive years. For the period 1996 to 2005, the aggregate flow at the Maybell gage was 11,010,400 acre-feet.

The Little Snake River is administered jointly with the State of Wyoming during times of shortage pursuant to Article XI of the Upper Colorado River Compact. There were no calls on the Little Snake River in 2005.

Our office continues to work with the State of Wyoming on updating the combined administration list for the Little Snake River. This effort is close to completion and the expectation is to finalize the list in early 2006.

North Platte River (Nebraska v. Wyoming, U.S. Supreme Court Decree)

Under the North Platte River decree, Colorado is limited to a total of 145,000 acres of irrigation in the North Platte drainage, storage of no more than 17,000 acre-feet per year for irrigation purposes and no more than 60,000 acre-feet of transmountain diversions from the basin in any period of ten consecutive years. In water year 2005, a total of 115,375 acres were reported irrigated and 9,855 acre-feet were stored for irrigation use. The amount of irrigated acreage was up substantially from 2004, reflecting the abundance of water in the North Platte system this year. Transmountain diversions out of the basin totaled 6,160 acre-feet, also up significantly from the previous year. The ten-year total of transmountain

diversions out of the basin was 43,703 acre-feet. None of the limitations of the Supreme Court Decree were exceeded in 2005.

Division representatives attended both of the scheduled meetings of the North Platte Decree Committee held in 2005.

Pot Creek

Pot Creek is a small tributary to the Green River. The headwaters of this creek are in Utah, entering the Green River in Colorado. Pot Creek water is apportioned among the users of the two states under a Memorandum of Understanding. For the past several years, little if any water was available for Colorado users. In the fall of 2004, two of the three reservoirs on the main stem of Pot Creek in Utah were empty. The winter of 2005 brought heavy snows to the Pot Creek drainage. As the runoff progressed, all of the reservoirs in Utah filled and spilled. At the annual water users meeting the Water Commissioner reported that 532 acre-feet was delivered to Colorado during the 2005 irrigation season. Flow at the state line gage continued until June 19; however, much of the water available to Colorado users could not be utilized and ended up in the Green River.

The States of Utah and Colorado finalized the revised Memorandum of Understanding (MOU) between the states dealing with the administration of Pot Creek. The State Engineers of the respective states signed the revised MOU with an effective date of March 1, 2005. Because of the impending runoff season, the provisions of the MOU were waived for the 2005 irrigation season to allow users in both states time to install measuring devices and headgates.

Dam Safety

The Dam Safety Branch of the Division of Water Resources is responsible for the safety of dams in Colorado while working to protect the loss of water supplies due to the failure of a dam. The two primary functions of the Dam Safety Branch are the review of designs for the construction, modification, or repair of a dam and periodic safety inspections for existing dams to insure their integrity. A full summer of inspections was completed in 2005, including dams in the upper reaches of Division 5.

In the design review and construction area, Division 6 was busier than normal during 2005. Continued work with the owner of Wyman Dam resulted in reaching final approval of the outlet slip-lining project. The final design for spillway channel modifications at Poose Creek Dam to provide a spawning area for cutthroat trout was approved, and several construction inspections were completed. Garrett Jackson, the Dam Safety Engineer in Grand Junction,

finished the review of documents for the repair of the Larson #1 Dam in Jackson County. An approval was given to the owner of Bassett #2 Dam to complete repairs of the seepage problems, with one construction inspection being performed before the end of the year. For a second time, a rockslide occurred into the emergency spillway channel at Lake Catamount Dam. The Dam Safety Engineer coordinated with the owners on a clean-up project to clear the channel. The largest project in Division 6 began construction in the spring of 2005 to add a 20-foot raise to Elkhead Creek Dam near Craig. Mark Haynes of the Denver office completed the design review for this project, and was present at several construction inspections. Most of the concrete work at the site was completed before winter shutdown. This project will add approximately 12,000 acre-feet of storage to the Yampa River drainage. The enlargement is scheduled for substantial completion in the fall of 2006. Planning work is ongoing by the Upper Yampa Water Conservancy District to determine the feasibility of raising the spillway crest of Stagecoach Dam by four or five feet to increase storage on the Yampa River.

Safety inspections of existing dams in the State take place at periodic intervals based on the hazard class of each dam. During 2005, the Division 6 Dam Safety Engineer inspected 11 high hazard dams, 7 significant hazard dams, and 17 low hazard dams in Division 6 in accordance with a long-range inspection schedule. In addition, Federal Energy Regulatory Commission (FERC) engineers completed inspections on the two remaining high hazard, power-generating dams in Division 6. The Dam Safety Engineer later completed outlet and gate inspections on these two dams when the water levels in the reservoirs were low enough to close the outlets. The Dam Safety Engineer also inspected two high hazard dams, seven significant hazard dams, and two low hazard dams in Division 5 plus completed interim inspections on four additional low hazard dams. This support for Division 5 will be on-going in coming years in order to better balance the dam safety workload between the two water divisions.

The Dam Safety Engineer contacted numerous dam owners to check their dams and outlets following an earthquake near Buffalo Pass on October 1, and attended an outlet inspection of Lake Catamount Dam, which is a high hazard dam on the Yampa River a short distance above Steamboat Springs. There was no earthquake related damage noted during the inspection, and all systems were functioning properly.

Several significant problems were found at some of the low hazard dams and at one significant hazard dam in Division 6 during inspections in 2005, with a formal restriction in storage capacity being prepared for the significant hazard dam. Of the 17 low hazard dams

inspected, four have an unsatisfactory rating mainly due to significant seepage issues. The other thirteen are conditionally satisfactory due to a general lack of maintenance and repair. There were similar breakdowns in the ratings in 2003 and 2004. Only two owners started repairs in 2005 to bring their dams up to a satisfactory rating, and one owner was finishing the final approval process for repairs completed in an earlier year. Most of the owners seem to lack the necessary resources to be able to hire an engineer and begin the repair process.

There were no erosion control dams or livestock water tanks constructed in Division 6 during 2005, but applications for 23 non-jurisdictional dams (less than 10 feet in height) were processed; the most in the last few years. So far, the construction of numerous non-jurisdictional dams has not caused any significant water administration issues, but some areas around the Division are experiencing a proliferation of these small dams that could result in future problems. Any of the small dams that are on-channel structures are required to have adequate outlet pipes capable of passing inflow.

Hydrographic Program

There are currently 37 active stream gage sites in the Yampa, White, and North Platte River Basins. Of these, the USGS operates 25 and Division 6 operates 12. Of the twelve operated by the Division, ten are equipped with satellite monitoring. Of these ten, two transmit reservoir water surface elevations, six transmit stream flow gage heights, and two transmit both parameters. The remaining two gages are equipped with a paper recorder and/or a data collection platform (DCP) to record gage heights.

In 2001, the USGS operated 33 stations in the Yampa, White and North Platte River basins. In Water Year 2005, they operated only 25, one of which will be discontinued for Water Year 2006. The discontinuation of eight gage stations since 2001 is a result of a decrease in available funding for the USGS stream flow program.

In addition to maintaining the gage sites, many field trips are made each year with water commissioners to conduct flow measurements on ditches, reservoir releases, and streams. There were 79 measurements taken at the gage sites in 2005, and approximately thirty on ditches, reservoir releases, and other streams. Water Year 2005 hydrographic records will be published for seven of the twelve sites: Walton Creek near Steamboat Springs, Yampa River above Lake Catamount, Michigan River near Meadow Creek Reservoir, Michigan River at Walden, Illinois River near Rand, Williams Fork at mouth near Hamilton, and Pot Creek at Stateline.

Division 6 re-installed a gage station in mid-April, 2005 that the USGS once operated and maintained. The gage station is located on the Williams Fork River just upstream of its confluence with the Yampa River. As the gage is located on Peabody Coal property, an easement agreement was made with them for access to the site. The gage consists of an Accubar system connected to a high data rate Sutron SatLink2 Logger with satellite telemetry housed in a metal shelter.

Also installed in mid-April 2005 at the Pot Creek at Stateline station, was a Sutron Shaft Encoder and high data rate Sutron Satlink2 Logger along with satellite telemetry. This equipment was installed for use as the primary data collection with the original paper recorder left at the site for backup.

In 2005, Division 6 requested and obtained four Sutron 8210 data collection platforms (DCPs) that were being replaced with high data rate DCPs. One of the four DCPs was installed in May 2005 at the Bear River below Bear Lake station. The paper recorder once used at this site was removed.

Division 6 has four gage stations equipped with High Data Rate (HDR) equipment and has two gages scheduled for upgrade to HDR in the summer of 2006.

The Steamboat Lake gage station, which records reservoir storage elevation and gage height of the reservoir releases, experienced equipment problems when the station first opened for the season. The shaft encoder located downstream of the reservoir outlet measures the outflow gage height and transmits this value through a radio antenna up to the DCP located on top of the dam. The radio units set up at both the shaft encoder and on top of the dam experienced problems that have occurred at other sites throughout the state. An improved unit was installed that worked throughout the rest of the operating season, though the radios did appear to be experiencing some of the same problems just days before the station was closed for the season.

The Illinois River near Rand and Bear River above Bear Lake Station also experienced some problems. By observing the transmitted data, the problem at the Illinois River station was immediately remedied and minimal data was lost. At the Bear River gage, a lightning strike caused the DCP to stop recording, which was not noticed for a couple of weeks since the site does not have satellite telemetry and thus, no data was collected during this period. In an attempt to avoid this from occurring again, the DCP was grounded. Because of this

occurrence, the paper recorder may be reinstalled at the start of the 2006 irrigation season for use as backup.

A round rod, obtained from Division 2, will be used to make higher flow measurements at the Bear River below Bear Lake Station. There was no other hydrographic measuring equipment acquired this year.

Stream flow measurements were taken on three different days and at four different locations on Elkhead Creek between Elkhead Reservoir and its confluence with the Yampa River with the intent of trying to better understand the streamflow gains and losses in this reach. Division 6 intends to continue these measurements in the summer of 2006. Hopefully, when stored water is released from Elkhead Reservoir for the Colorado River Endangered Species Recovery Program, which may occur as early as the summer of 2007, the Division 6 staff will have a good understanding of these gains and losses for administration purposes.

Groundwater and Well Permitting

The Division continues to assist the public with questions and concerns relating to the drilling of wells, and with completing well permit applications. The Division issued two hundred six exempt well permits in 2005, an increase of approximately 61 percent over the same period last year. A considerable amount of time was spent educating realtors and water users about the statutes concerning the use of groundwater in Colorado.

A decision this year designated Slater Creek, a tributary of the Little Snake River, as critical, thus changing the well permitting requirements. All future non-exempt well permits will now require a Court approved plan of augmentation.

Water Records and Information

Summaries of our diversion records for Water Year 2005 are on Pages 19 to 40. These numbers show that total diversions for all uses were up by 134,767 acre-feet from 2004, and 70,560 acre-feet from 2003. Districts 43, 44 and 57 experienced decreases in total diversions, while Districts 47, 54, 55, 56, and 58 experienced increases from the previous year, with the largest in Districts 47 and 54 of 175,909 and 81,248 acre-feet, respectively. These increases were seen in irrigation and fishery uses. For irrigation, both diversions and the number of acres irrigated were up from the previous year. Total diversions for irrigation increased by approximately 157,046 acre-feet. The number of visits to structures by the water commissioners was up by approximately 5 percent.

Our water rights database and diversion records are maintained in Hydrobase. Ownership, decreed water rights, structure information, and structure comments are updated on a regular basis and distributed to all of our water commissioners semi-annually. Well data is updated in Well Tools and dam information is kept up-to-date in the DAM_app program. Access to information through Hydrobase and Well View are our methods of responding to inquiries from the public. Effort is being made to conform to the Hydrobase structure for coding of exchanges and plans of augmentation and the Division's goal is to have them properly entered into Hydrobase by the end of the 2006 calendar year.

We continue to locate the position of headgates on ditches and reservoirs using Garmin GPS units, though many of our Districts have completed collecting data for all of the active structures. As time permits, the water commissioners collect data on less frequently visited structures. We also gather location information during field inspections of new structures in applications for water rights. All GPS information collected up through January 2005 has been incorporated into Hydrobase.

We continue to calculate an annual water budget for the various drainages within the Division. Consumptive use data is calculated from two lysimeter sites operated by the Division for the various drainage basins. We use this data when reviewing water court applications for change cases, as well as for many other purposes.

Water Court Cases

Water Court activity increased significantly in Division 6 Water Court in 2005, with total filings up about 55 percent from the previous year. The number of cases filed in Division 5 Water Court for water rights in the White River drainage was down slightly from 2004. There were 81 new and amended cases filed in Division 6 this year as compared to 52 in 2004, and 19 cases in Division 5 Water Court as compared to 25. The Division Engineer prepared 80 Summaries of Consultation, 58 for the Division 6 water court and 22 for the Division 5 water court. A summary of the Water Court activity is on Page 42.

In October, Judge O'Hara presided over the trial of the City of Steamboat Springs Recreational In-Channel Diversion application. Although the case initially drew numerous statements of opposition, by the time of the trial, the only opposers left were the CWCB and State Engineers Office. The concerns of the State Engineers Office dealt mainly with the administration of the water right and language in stipulations with some of the original opposers that could be construed as selective subordinations. Prior to the start of the trial, the

Court ruled that the question of selective subordination was not before the Court in this case and that it was an issue to be addressed at a later time. After an eight-day trial, the Judge ruled in favor of the City's application and granted the water right. The right allows for diversions from April 15 to August 15, with flow amounts varying from 95 to 1400 cfs depending on the time of the year. The right is limited to use from 8:00 am to 8:00 pm, except the evening time can be extended to midnight on 10 days designated by the City for night events. The limitation on the period of use within the day may cause some interesting administration issues in the future.

Another major case settled in 2005 was one filed in Division 5 Water Court (03CW159), involving water rights that originate in Division 6. The Eagle River Water and Sanitation District and Flattops Water Company filed to claim the historic flows from the Stillwater Ditch and Stillwater Reservoir, used on lands in the Colorado River drainage, as transmountain water. The Stillwater Ditch and Stillwater Reservoir divert water from the Bear River in the Yampa River drainage. The ditch and reservoir water irrigate lands in both Divisions 5 and 6. The applicants sought judicial recognition that the water used in Division 5 was transmountain and could be used to extinction. The State Engineers Office, and other parties, opposed the application on grounds that adequate terms and conditions were required to prevent the expansion of use of the original rights. As the trial date approached, a settlement was reached that provided terms and conditions acceptable to all parties. The Court signed the final decree in August 2005.

Division 6 continues to have very good working relations with the Courts. While there were no meetings held with Judge O'Hara this year, there is one scheduled for early 2006. We continue to review new applications in Division 6 Water Court prior to publication in the resume, to assure that the applicants have submitted all the required information. We also review the rulings of the Referee for accuracy before they are finalized to help reduce the number of rulings that need to be amended because of clerical errors. These activities help to save republication costs for the applicants and hopefully, result in fewer errors in rulings and decrees. We continue to confer with the Water Referee in Division 5 on a monthly basis via phone conferencing. This procedure works very well and allows the comments of the Referee to be included in our Summary of Consultation.

Involvement in the Water User Community

The Division staff continues to assist the public in preparing water court and well permit applications, provide water right and diversion information, assist water users with the proper selection and installation of water measuring devices, and provide assistance to dam owners

with completing Notices of Intent to Construct Non-Jurisdictional Dams and Emergency Action Plans. Division staff also attend as many of the regularly scheduled meetings of the local Conservation and Conservancy Districts as possible.

The following is a list of meetings attended by Division staff in 2005.

- Annual meeting of the Pot Creek Distribution System
- Rio Blanco Stockgrowers Association
- Various meetings of the Upper Yampa Water Conservancy District
- Spring and fall meetings of the North Platte Decree Committee
- Bear River Irrigators annual meeting
- Stillwater Ditch Company annual meeting
- Various meetings of the Colorado River Water Conservation District
- Meeting with users on the Little Snake River regarding High Savory Reservoir
- Colorado Water Congress summer meeting

In addition, our staff gave presentations to the Colorado Foundation for Agriculture and the Colorado Foundation for Water Education. We also had three staff members volunteer their time to help man the Division of Water Resources educational exhibit at the Colorado State Fair in Pueblo.

Page 44 summarizes the activities of the offices and commissioners of the Division.

Issues and Achievements

In January, the U. S. Fish and Wildlife Service issued a Final Programmatic Biological Opinion on the Management Plan for Endangered Fish Species in the Yampa River Basin. The issuance of this biological opinion brings to a close nearly a decade of work by federal and state agencies, and water user groups in the basin. Under this opinion, water users in Colorado will be covered for additional depletions of up to 30,000 acre-feet per year, and Wyoming for 23,000 acre-feet per year, through 2045. The issuance of this opinion also allowed the expansion of Elkhead Reservoir to begin. The enlargement of Elkhead Reservoir will provide a permanent pool of five thousand acre-feet for flow augmentation in the river for the endangered fish species. Additional water will also be available for the fish through a 20-year lease with the Colorado River Water Conservation District.

The enlargement of Elkhead Reservoir, which began in 2005, is scheduled for substantial completion in the fall of 2006. Water will be ready for delivery to the U.S. Fish and Wildlife

Service in the summer of 2007. At that time, administrative procedures must be in place to deliver that water past numerous structures on the Yampa River within the critical habitat area. One of the major problems associated with this delivery is determining what level of transportation loss must be charged to the reservoir release. Efforts last year were unsuccessful in obtaining adequate funding for a meaningful study of losses in this stretch of the river. Additionally, users downstream of the reservoir need to be educated on the implementation of the new procedures to insure the water is delivered to the downstream measuring point.

Energy development in the Piceance Creek basin of the White River will be an issue for years to come. Piceance Creek is heavily over-appropriated and water short. The major energy companies have purchased many of the senior water rights and have obtained decrees for changes of use, plans of augmentation, and exchanges. Many of these decrees are very complicated and convoluted. Understanding how these decrees interrelate and the proper administration of them during periods of shortage is a task that must be undertaken in the near future.

As reported for the last several years, the Hayden Project continues to be pursued on the main stem of the Yampa River near Hayden. The intent of the project is to combine two senior ditches into a common headgate. Although construction was scheduled to start in 2005, the discovery of engineering problems caused a redesign of the project. The possibility still exists for this project to proceed, but the timeframe is now uncertain.

In the spring of 2005, High Savory Dam filled for the first time. This reservoir is located on Savory Creek, a Wyoming tributary to the Little Snake River. The dam was constructed, and is currently owned and operated, by the Wyoming Water Development Commission. Completed in 2004, the reservoir was not expected to fill in 2005. Because of the early fill, the State of Wyoming conducted test releases to determine transit losses from the dam site to the Little Snake River. Releases began on August 9 and lasted for 25 days, with a maximum release rate of 200 cfs. Water released during this test was available to users on the Little Snake River at no cost. When testing is complete, reservoir water will be contracted to water users in both Wyoming and Colorado.

The addition of Slater Creek to the critical streams list points out what may become an issue in the future. With development occurring on more tributary streams, the pressure on these streams for the limited water supplies will increase until administration is necessary. When this happens, development on these tributaries will cease until plans of augmentation can be

decreed. However, in many areas the availability of reliable sources of augmentation water is questionable.

The water court decreed the City of Steamboat Springs Recreational In-Channel Diversion (RICD) in December 2005. The administration of this decree could pose problems in the future ranging from allocation of resources, tracking new water rights that are subject to administration, administering calls that are only valid from 8:00 am to 8:00 pm, and finally, making the entire upper basin of the Yampa River critical with respect to the issuance of well permits. This decree has the potential for drastically changing the complexion of water administration in the upper Yampa River basin.

Some of the accomplishments of the past year for Division 6 include:

- Operated within our budget for 2005.
- Issuance of the Final Programmatic Biological Opinion on the Management Plan for Endangered Fish Species in the Yampa River Basin.
- Completion of the revision of the Pot Creek Memorandum of Understanding.
- Settlement of the Eagle River Water and Sanitation/Flattops Water Company case without litigation.
- Reinstallation and operation of the gaging station on the Williams Fork of the Yampa River.
- Completion of a full schedule of dam inspections.
- Met all deadlines for the submittal of diversion and hydrographic records.
- Made major efforts to update our water court and structure databases to conform to the Hydrobase structure.
- Provided information and data on diversions and irrigated acreage in the North Platte basin to the South Platte Decision Support System (SPDSS) consultants.

Workload

With the office fully staffed, and having a good runoff season, the workload for the field staff assumed a more normal pattern. Water administration was confined to only a handful of streams that are normally water short, allowing time for visits to structures that were not normally seen during the severe drought of the preceding years.

For the office staff, considerable time was devoted to litigation efforts in the Steamboat RICD and Flattops Water Company cases. Additionally, there seems to be a growing reliance by some of the water attorneys to have us review proposed rulings and decrees. While this

increases our workload, the effort helps us obtain decrees that are more in line with the agency's policies; therefore, we are happy for the opportunity to do these reviews.

The work of standardizing the coding for water rights and diversion records in Hydrobase continued in 2005, but at a much slower pace. The committee met once in the spring of 2005. The coding procedures have been agreed upon in principle and now must be set down in writing and the Hydrobase program modified to accommodate the changes. One obstacle to completing this work is the program modification. The intent of the committee is to have examples of coding for the various types of water rights and diversion records, including screen shots of the input screens. These screen shots cannot be developed until the program is modified. Our hope is that the IT representative will have time available in early 2006 to do these modifications, so this project can be completed in 2006.

While staffing appears adequate for our existing workload, several problems loom in the near future. On the Yampa River, growth in the Steamboat Springs area, possible administration of the Steamboat RICD, and the potential for delivering reservoir releases from Elkhead Reservoir for the endangered species will increase the workload of the office and field staff. In the White River drainage, energy development on Piceance Creek and Yellow Creek will require an ever-increasing presence in the area. The Water Commissioner for this area is currently part-time, a situation that may have to change depending on the pace of development. Finally, with the pending retirement of the current Division Engineer in the summer of 2006, the office will be understaffed, until a replacement is selected.

Personnel

For the second year in a row, Division 6 had a full staff for all of 2005. Our Water Commissioner of the Year for 2005 was Elvis Iacovetto. Elvis is responsible for the upper reach of the Yampa River, principally Bear River and the Hunt Creek drainages. Elvis' ability to manage the most heavily administered district in the Yampa River drainage along with his skills in dealing with the water users in the area earned him the award for 2005. Along with Elvis' award, Gary Clyncke, a water user on the Bear River, was recognized as the Division 6 Water User of the Year.

An organization chart of Division 6 is on Page 43 of this report.

Training

Listed below are specific training opportunities attended by the staff of Division 6.

- Erin Light participated in a swift water training class.
- Erin Light attended the Natural Resources Law Conference.
- Lynne Peters attended the Program Assistants training meeting in Durango.
- Erin Light, John R. Blair, Elvis Iacovetto, Andy Schaffner, Sue Petersmann, Rebecca Elder and Bill Dunham attended the training offered at the annual CWOA meeting in Glenwood Springs.
- John Blair attended the ASDSO Advanced Technical Seminar on Dam Failure Analysis in Salt Lake City.

In addition to these specific training sessions, time is set aside at both the spring and fall Division meetings to provide training to all staff on various areas, such as computer programs and water administration issues.

Water Year 2006

Key Objectives for 2006

Listed below are some of the key objectives for 2006.

- Finalize the revised combined administration list for the Little Snake River and, together with Wyoming, submit it to the Upper Colorado River Compact Commission.
- Continue to update the information in our water rights and structure databases to conform to Hydrobase.
- Evaluate the need for additional staffing and develop the necessary background information to support a decision item for future budget consideration.
- Cooperate with Wyoming on identifying and implementing strategies for the delivery of reservoir water from High Savory Dam to users on the Little Snake River.
- Insure compliance with the provisions of the U.S. Supreme Court decision in Nebraska v. Wyoming.
- Complete all scheduled dam inspections.
- Submit all diversion and hydrographic records on time.
- Operate within our allocated budget.
- Provide the necessary resources, training and support to allow our field staff to perform their required duties in an efficient and professional manner.
- Provide for a smooth transition when the current Division Engineer retires.
- Provide technical assistance to the Yampa/White and North Platte Basin roundtables.

- Inform the water users on the lower Yampa River of the administrative procedures to insure delivery of reservoir releases for the endangered fish species.
- Tabulate the reserved and appropriative rights awarded to the U.S. Forest Service.

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum Date	AF	Maximum Date	AF	End of Year
43	3500	WINDY BILL SPRING POND	EAST BEAVER CK	11/1/2004	6.5	10/31/2005	6.5	6.5
43	3501	LAKE GLORIA	PAPOOSE CK	11/1/2004	4	6/15/2005	5	4
43	3529	LARSON RES NO 2	TRIBUTARIES-PICEANCE CK	11/1/2004	6	10/31/2005	6	6
43	3630	BAILEY LAKE RETAIN POND	SWEDE CK	11/1/2004	42	10/31/2005	42	42
43	3631	BARBOUR POND	MARVINE CK	11/1/2004	1.5	10/31/2005	1.5	1.5
43	3632	BEAVER LAKE RESERVOIR	VAUGHN CK	11/1/2004	66.45	10/31/2005	66.45	66.45
43	3633	BIG BEAVER CK RESERVOIR	BIG BEAVER CK	9/27/2005	7421	11/1/2004	7658	7658
43	3634	BLACK GULCH RES	BLACKS GULCH	11/1/2004	40.75	10/31/2005	40.75	40.75
43	3636	CABIN LAKE RESERVOIR	VAUGHN CK	11/1/2004	16.06	10/31/2005	16.06	16.06
43	3638	GOOSMAN RESERVOIR	ELK CK	11/1/2004	5.6	10/31/2005	5.6	5.6
43	3639	GREGOR RESERVOIR	VAUGHN CK	11/1/2004	47	10/31/2005	47	47
43	3640	HERRELL FISHPOND	TRIBUTARIES-NORTH FK	11/1/2004	2.5	10/31/2005	2.5	2.5
43	3642	JOHNNIE JOHNSON RESERVOI	WHITE RIVER	5/17/2005	725	7/5/2005	860	860
43	3643	KEYSTONE RES 2	PRICE CK	11/1/2004	0	10/31/2005	0	0
43	3644	KEYSTONE BEN PRICE RES	PRICE CK	11/1/2004	0	3/23/2005	80	30
43	3645	KEYSTONE RES 3	DEEP CHANNEL CK	11/1/2004	0	3/23/2005	31.2	5
43	3646	LADY LAKE	VAUGHN CK	11/1/2004	4.41	10/31/2005	4.41	4.41
43	3647	LARSON RES	TRIBUTARIES-PICEANCE CK	11/1/2004	6	10/31/2005	6	6
43	3649	LUNNEY RESERVOIR	NINE MILE DRAW	11/1/2004	50	4/14/2005	82.12	82.12
43	3651	MCGINNIS MEADOW RES	SOUTH SKINNY FISH CK	11/1/2004	87	10/31/2005	87	87
43	3652	MCHATTEN RESERVOIR	COAL CK	11/1/2004	0	5/11/2005	64.2	0

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum			Maximum			End of Year
				Date	AF	Date	AF	Date	AF	
43	3656	PROCTER RESERVOIR	CURTIS CK	11/1/2004	0	2/25/2005	6.66		0	
43	3657	SEVENTH LAKE RESERVOIR	VAUGHN CK	11/1/2004	31.62	10/31/2005	31.62		31.62	
43	3658	SHADOW LAKE RESERVOIR	VAUGHN CK	11/1/2004	2.6	10/31/2005	2.6		2.6	
43	3659	SKINNY FISH RESERVOIR	SKINNY FISH CK	11/1/2004	300.7	10/31/2005	300.7		300.7	
43	3660	STUMP LAKE RESERVOIR	VAUGHN CK	11/1/2004	10.23	10/31/2005	10.23		10.23	
43	3662	TRAPPERS LAKE RETAIN PD	NORTH FORK	9/23/2005	0.1	11/1/2004	0.69		0.1	
43	3668	WATKIN RESERVOIR	COAL CK	10/31/2005	8	11/1/2004	12		8	
43	3669	WEST MILLER RESERVOIR	WEST MILLER CK	11/1/2004	30	7/7/2005	77.8		70	
43	3670	WHITNER FISH POND	UTE CK	10/31/2005	1	11/1/2004	3.065		1	
43	3671	WILSON RES	EAST FLAG CK	11/1/2004	2	6/6/2005	96		60	
43	3672	WEST STEWART GULCH RES	WEST STEWART GULCH	4/12/2005	13	4/12/2005	13		13	
43	3716	JOY JOY & WATSON RES	FAWN CK	11/1/2004	5.88	10/31/2005	5.88		5.88	
43	3718	PARSONS POND NO. 1	TRIBUTARIES-PICEANCE CK	6/14/2005	0.8	11/1/2004	1.3		1.3	
43	3719	PARSONS POND NO. 2	TRIBUTARIES-PICEANCE CK	11/1/2004	1.3	10/31/2005	1.3		1.3	
43	3722	JESSUP RESERVOIR	PICEANCE CK	11/1/2004	0	3/25/2005	76.5		76.5	
43	3723	JONES RESERVOIR	PICEANCE CK	11/1/2004	0	4/4/2005	21		21	
43	3736	WEST MARVINE POND 1	MARVINE CK	11/1/2004	2	10/31/2005	2		2	
43	3737	WEST MARVINE POND 2	MARVINE CK	11/1/2004	2	10/31/2005	2		2	
43	3738	WEST MARVINE POND 3	MARVINE CK	11/1/2004	6	10/31/2005	6		6	
43	3739	DIAMOND M REARING PONDS	MARVINE CK	11/1/2004	0.75	10/31/2005	0.75		0.75	
43	3751	VIOLETT SPRINGS POND #1	YELLOW CK	5/2/2005	3.8	5/2/2005	3.8		3.8	

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum			Maximum			End of Year
				Date	AF	Date	AF	Date	AF	
43	3752	VIOLETT SPRINGS POND #2	YELLOW CK	5/2/2005	8.6	5/2/2005	8.6	8.6	8.6	
43	3754	BUBBA'S POND	PICEANCE CK	11/1/2004	2.5	10/31/2005	2.5	2.5	2.5	
43	3755	BRUCE'S POND	PICEANCE CK	11/1/2004	1.5	10/31/2005	1.5	1.5	1.5	
43	3756	CHASE'S POND	PICEANCE CK	11/1/2004	1.2	10/31/2005	1.2	1.2	1.2	
43	3757	COOKIE'S POND	PICEANCE CK	11/1/2004	0	6/14/2005	1.5	0.5	0.5	
43	3759	DIANE'S POND	PICEANCE CK	11/1/2004	1.2	10/31/2005	1.2	1.2	1.2	
43	3761	JODY'S POND	PICEANCE CK	11/1/2004	0.25	6/14/2005	4	0.25	0.25	
43	3762	JODY'S POND NO. 2	PICEANCE CK	11/1/2004	3	10/31/2005	3	3	3	
43	3763	MOMO'S POND	PICEANCE CK	11/1/2004	1.5	10/31/2005	1.5	1.5	1.5	
43	3766	RUDY'S POND	PICEANCE CK	11/1/2004	2.5	10/31/2005	2.5	2.5	2.5	
43	3767	RYAN'S POND	PICEANCE CK	11/1/2004	1.5	6/14/2005	3.5	1.75	1.75	
43	3769	BIG LICK RES	BIG BEAVER CK	10/6/2005	30	6/17/2005	154	30	30	
43	3770	TODD AND TRACY'S POND	PICEANCE CK	11/1/2004	1.5	10/31/2005	1.5	1.5	1.5	
43	3771	TURGOOSE POND	PICEANCE CK	11/1/2004	0	4/22/2005	1.75	0	0	
43	3772	EXXON LOVE RANCH RESERVO	PICEANCE CK	4/4/2005	30	10/8/2005	30	30	30	
43	3774	EXXON B&M RESERVOIR	PICEANCE CK	11/1/2004	10	4/4/2005	30	30	30	
43	3893	MARK RES NO 1	WEST CK	4/11/2005	15.8	9/21/2005	15.8	15.8	15.8	
43	3904	BALL LAKE RESERVOIR	MARVINE CK	11/1/2004	75	10/31/2005	75	75	75	
43	4249	DORTCH POND NO 1	TRIBUTARIES-SOUTH FK	11/1/2004	13.6	10/31/2005	13.6	13.6	13.6	
43	4250	DORTCH POND NO 2	TRIBUTARIES-SOUTH FK	11/1/2004	5	10/31/2005	5	5	5	
43	4272	JACOBS RESERVOIR	STRAWBERRY CK	11/1/2004	0	5/4/2005	1	1	1	

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum		Maximum		End of Year
				Date	AF	Date	AF	
43	4273	JONES STOCK & FISH POND	TRIBUTARIES-SOUTH FK	7/15/2005	0	11/1/2004	0.75	0
43	4280	MARK RES NO 2	WEST CK	4/11/2005	20.02	9/21/2005	20.02	20.02
43	4284	NINE MILE RANCH RES 1	CURTIS CK	11/1/2004	0	8/9/2005	36	35
43	4291	RAINBOW LAKE	NORTH FORK	6/30/2005	16	11/1/2004	36.7	31.7
43	4294	RAT MT POND NO 1	MARVINE CK	11/1/2004	1	10/31/2005	1	1
43	4307	TERLEP POND	FAWN CK	11/1/2004	6.5	10/31/2005	6.5	6.5
43	4308	THEOS RES 1	COAL CK	11/1/2004	35	4/14/2005	51	51
43	4320	JENSEN RES 1	CURTIS CK	11/1/2004	19	10/31/2005	19	19
43	4322	JENSEN RES 3	CURTIS CK	11/1/2004	1	10/31/2005	1	1
43	4327	SADDLE HORSE PARK RES	DRY CK	11/1/2004	12	10/31/2005	12	12
43	4351	JENSEN RES 2	CURTIS CK	11/1/2004	5	10/31/2005	5	5
43	4433	TAYLOR DRAW RES	WHITE RIVER	4/13/2005	13800	10/12/2005	13800	13800
43	4446	JOHNSON POND 15	TRIBUTARIES-PICEANCE CK	4/4/2005	12	10/11/2005	12	12
43	4461	KAWCAK POND NO 1	TRIBUTARIES-NORTH FK	11/1/2004	7.4	10/31/2005	7.4	7.4
43	4463	VANDIVER POND	TRIBUTARIES-NORTH FK	11/1/2004	24.83	10/31/2005	24.83	24.83
43	4497	BLUE MOUNTAIN RES	WOLF CK	4/12/2005	68	9/22/2005	68	68
43	4499	REEVES RES	WOLF CK	4/12/2005	34	9/22/2005	34	34
43	4504	TAYLOR RES	HUNTER CK	5/27/2005	80	5/27/2005	80	80
TOTAL FOR DISTRICT 43					23,317		24,371	24,037
44	3504	SULLIVAN RES LOWER	CEDAR CK	9/6/2005	49.2	6/9/2005	50	49.2

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum Date	AF	Maximum Date	AF	End of Year
44	3673	WADDLE CK RES	WADDLE CK	05/6/2005	39.7	8/17/2005	39.7	39.7
44	3674	WILSON RESERVOIR	GOOD SPRING CK	5/18/2005	68.3	8/18/2005	68.3	68.3
44	3675	WYMAN RES	LITTLE BEAVER CK	8/15/2005	18.6	6/30/2005	80.5	40.3
44	3677	ANDERSON RES	NORTH FK of ELKHEAD CK	7/28/2005	72.4	6/24/2005	95.1	72.4
44	3681	BUNKER LAKE RES	BUNKER CK	5/17/2005	190.9	9/28/2005	190.9	190.9
44	3682	COVE LAKE RES	MORAPOS CK	7/11/2005	74.2	6/16/2005	74.7	74.2
44	3683	COVE RES	MORAPOS CK	7/11/2005	110	5/12/2005	115	110
44	3686	DRESCHER RES	BASIN GULCH	7/11/2005	22.9	5/20/2005	25.9	22.9
44	3688	DUNKLEY DEUBEAU RES	WILLOW CK	8/23/2005	9.43	6/15/2005	51.02	9.43
44	3689	D D & E RES	MILK CK	9/14/2005	413	5/18/2005	1305	413
44	3695	LEFTWICH RES	BOONE CK	8/18/2005	34	5/31/2005	35	34
44	3701	POOSE CK RES	POOSE CK	6/15/2005	279.8	8/23/2005	279.8	279.8
44	3702	ROBY RES	MORAPOS CK	5/12/2005	22.1	6/16/2005	25.9	23.7
44	3706	SELLERS CROWELL RES	WILLOW CK	6/15/2005	109.5	8/23/2005	109.5	109.5
44	3721	ELLGEN RESERVOIR	BELL ROCK GULCH	05/2/2005	0	5/2/2005	0	0
44	3722	ELLGEN RESERVOIR NO 2	MC LERNON DRAW	5/20/2005	0	5/2/2005	22.5	0
44	3723	B & B RESERVOIR	FLUME GULCH	7/24/2005	18	6/22/2005	20	18
44	3736	CULVERWELL RESERVOIR	SAND SPRING GULCH	6/22/2005	129	5/16/2005	214	129
44	3738	FREEMAN RESERVOIR	LITTLE COTTONWOOD CK	7/5/2005	114.7	06/8/2005	117.6	114.7
44	3739	SHAFFER RESERVOIR	WILLOW CK	6/15/2005	0	8/23/2005	30.96	30.96
44	3790	SADDLE RES	BUTLER CK	6/22/2005	140.3	9/6/2005	140.3	140.3

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum Date	AF	Maximum Date	AF	End of Year
44	3824	BISKUP RESERVOIR	TWO SPRINGS GULCH	7/11/2005	8.5	5/20/2005	11.8	8.5
44	3912	RAW WATER RESERVOIR	TRIBUTARIES	5/24/2005	554	8/17/2005	554	554
44	3925	FLAT TOP RES	SECOND CK	5/6/2005	104.5	7/14/2005	104.5	104.5
44	4051	CHESNUT RES NO 2	TRIBUTARIES-EAST FK	5/10/2005	10	8/23/2005	10	10
44	4381	PEARCE RES	TRIBUTARIES	5/16/2005	50	9/15/2005	50	50
44	4437	KITCHENS & KLECKNER RES	TRIBUTARIES-ELKHEAD CK	7/28/2005	1ft bel sp	6/24/2005	Full	1ft bel sp
44	4453	LOUDY RESERVOIR	TRIBUTARIES	8/18/2005	4ft bel sp	5/24/2005	Full	4ft bel sp
		TOTAL FOR DISTRICT 44			2,650		3,819	2,697
47	1187	JODY SPRING AND POND	MCKINNON CK	11/1/2004	0	5/19/2005	1	0
47	3523	ABRAHAM POND	TRIBUTARIES-ILLINOIS R	10/31/2005	13.5	4/27/2005	20	14
47	3528	ANTELOPE POND	TRIBUTARIES-ILLINOIS R	4/26/2005	45	11/4/2004	60	53
47	3529	BREWER POND	TRIBUTARIES-ILLINOIS R	11/1/2004	15	5/31/2005	52	15
47	3530	ELK POND	TRIBUTARIES-ILLINOIS R	11/4/2004	0	4/26/2005	29	15
47	3531	POTTER CREEK POND	TRIBUTARIES-ILLINOIS R	11/1/2004	30	4/26/2005	57	30
47	3532	SEVENTY SIX POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	5/13/2005	43	0
47	3533	WILSON'S POND	TRIBUTARIES-ILLINOIS R	10/28/2005	0	5/16/2005	14	13.7
47	3534	ALKALI POND	POTTER CK	8/17/2005	3	4/20/2005	22	4
47	3535	ALLARD CONTOUR, MID POND	TRIBUTARIES-ILLINOIS R	8/8/2005	0	11/1/2004	8	8
47	3536	ALLARD CONTOUR N. POND	TRIBUTARIES-ILLINOIS R	8/8/2005	0	11/1/2004	6	6
47	3537	ALLARD POND, NORTH	TRIBUTARIES-ILLINOIS R	11/1/2004	0	5/24/2005	33	0

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum		Maximum		End of Year
				Date	AF	Date	AF	
47	3538	ALLARD COUNTOUR S. POND	TRIBUTARIES-ILLINOIS R	8/8/2005	0	11/1/2004	9	9
47	3539	ALLARD POND, SOUTH	TRIBUTARIES-ILLINOIS R	11/1/2004	0	5/24/2005	48	0
47	3540	ANDERSON CONTOUR POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	4/20/2005	18	0
47	3541	ANDERSON DRAIN	ILLINOIS RIVER	11/1/2004	0	5/27/2005	10	0
47	3542	AVOCET POND	TRIBUTARIES-ILLINOIS R	11/1/2004	6	4/20/2005	13	6
47	3543	BIRDIE POND	TRIBUTARIES-ILLINOIS R	8/8/2005	3.5	11/1/2004	7.5	7.5
47	3544	BLUEBILL POND	TRIBUTARIES-ILLINOIS R	11/1/2004	19	4/26/2005	19	19
47	3545	BROCKER POND NORTH	TRIBUTARIES-ILLINOIS R	11/1/2004	0	5/27/2005	20	0
47	3546	BUDDIES POND	TRIBUTARIES-ILLINOIS R	11/4/2004	0	5/13/2005	11.5	0
47	3547	BULRUSH POND	TRIBUTARIES-ILLINOIS R	11/4/2004	0	6/1/2005	10	7
47	3548	CASE RES #2 ANNEX POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	5/31/2005	13	0
47	3549	CATTAIL POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	5/13/2005	5.5	0
47	3550	COYOTE POND	TRIBUTARIES-ILLINOIS R	10/31/2005	1	4/26/2005	3	2
47	3551	DIVERSION POND	TRIBUTARIES-ILLINOIS R	8/8/2005	7	11/1/2004	12	12
47	3552	EAGLE POND	TRIBUTARIES-ILLINOIS R	8/8/2005	17	4/26/2005	21	19
47	3553	EISEMANN POND	TRIBUTARIES-ILLINOIS R	10/31/2005	8.6	8/8/2005	11	9.3
47	3554	FISH HATCHERY POND, EAST	TRIBUTARIES-ILLINOIS R	11/1/2004	7	5/19/2005	7	7
47	3555	FISH HATCHERY POND WEST	POTTER CK	11/1/2004	1.8	5/19/2005	1.8	1.8
47	3556	FISHERMAN'S PARKING POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	4/20/2005	0.6	0
47	3557	FOLLETT POND	TRIBUTARIES-ILLINOIS R	10/31/2005	6	4/27/2005	10	8
47	3558	FOX POND	SPRING CK	11/1/2004	0	4/20/2005	108	0

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum		Maximum		End of Year
				Date	AF	Date	AF	
47	3559	GERM POND	TRIBUTARIES-ILLINOIS R	11/1/2004	17.5	5/27/2005	28	17.5
47	3560	GOOSE POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	4/26/2005	49	0
47	3561	GREASEWOOD POND	TRIBUTARIES-ILLINOIS R	11/4/2004	0	8/8/2005	4.5	3.2
47	3562	HAMPTON NO 1 POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	5/27/2005	1.5	0
47	3563	HAMPTON NO 2 POND	TRIBUTARIES-ILLINOIS R	11/1/2004	3	5/27/2005	22	3
47	3564	HAMPTON NO 3 POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	5/27/2005	25	0
47	3565	HOME POND	TRIBUTARIES-ILLINOIS R	10/31/2005	0	11/1/2004	18	18
47	3566	HORSESHOE POND	TRIBUTARIES-ILLINOIS R	10/28/2005	0.2	11/1/2004	1.5	1.5
47	3567	KITCHEN POND	TRIBUTARIES-ILLINOIS R	11/1/2004	9	4/26/2005	9	9
47	3568	LIVING ROOM POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	5/13/2005	6	0
47	3569	MARSH POND	ANTELOPE CK	11/1/2004	0	4/26/2005	15	0
47	3570	MCCAMMON POND NORTH	TRIBUTARIES-ILLINOIS R	10/31/2005	3.5	4/20/2005	8	5.6
47	3571	MCCAMMON POND SOUTH	TRIBUTARIES-ILLINOIS R	10/31/2005	15	4/25/2005	28	26
47	3572	N. TOUR ROUTE POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	4/26/2005	1.1	0
47	3573	OLD ROAD POND	TRIBUTARIES-ILLINOIS R	11/1/2004	2.5	4/27/2005	3.3	2.5
47	3574	ONE TWENTY FIVE POND	TRIBUTARIES-ILLINOIS R	11/1/2004	3.3	4/26/2005	14.7	3.3
47	3575	PATTEN POND	TRIBUTARIES-ILLINOIS R	11/1/2004	8	8/8/2005	9	8
47	3576	POTHOLE POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	4/22/2005	7	0
47	3577	PRAIRIE DOG POND	ANTELOPE CK	10/31/2005	6.5	8/8/2005	12	11
47	3578	RAT DITCH POND	TRIBUTARIES-ILLINOIS R	10/31/2005	5	4/27/2005	8	7.1
47	3579	RIZOR POND	TRIBUTARIES-ILLINOIS R	10/31/2005	2.6	4/27/2005	10.2	8.5

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum		Maximum		End of Year
				Date	AF	Date	AF	
47	3580	ROADSIDE POND NORTH	TRIBUTARIES-ILLINOIS R	11/1/2004	0	4/26/2005	4	0
47	3581	ROADSIDE POND SOUTH	TRIBUTARIES-ILLINOIS R	11/1/2004	0	4/26/2005	6	0
47	3582	ROSS POND	POTTER CK	11/1/2004	0	5/13/2005	1.5	0
47	3583	SCHOOL POND NORTH	TRIBUTARIES-ILLINOIS R	11/1/2004	0	6/1/2005	30	0
47	3584	SCHOOL POND SOUTH	TRIBUTARIES-ILLINOIS R	11/1/2004	0	6/1/2005	27	0
47	3585	SMITH POND	TRIBUTARIES-ILLINOIS R	10/31/2005	9	11/1/2004	12	12
47	3586	SOLBERG POND	TRIBUTARIES-ILLINOIS R	8/11/2005	0	11/1/2004	11	11
47	3587	SOUTH TOUR ROUTE POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	4/26/2005	2	0
47	3588	SPRING CREEK POND	SPRING CK	10/31/2005	8	11/1/2004	48	48
47	3590	WILLFORD POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	6/30/2005	62	0
47	3594	BENNETT RESERVOIR	SOUTH FK of BEAVER CK	11/1/2004	35	4/15/2005	78	35
47	3595	BIG CREEK RESERVOIR	SOUTH FK of BIG CK	6/20/2005	1188	11/1/2004	1434	1188
47	3596	BOETTCHER LAKE RES	LAKE CK	11/1/2004	0	9/30/2005	30	30
47	3597	BUFFALO RES	BUFFALO CK	11/1/2004	455	7/11/2005	475	455
47	3598	BUTTE RES	TRIBUTARIES	6/20/2005	502	11/1/2004	754	754
47	3599	CARLSTROM RES	MICHIGAN RIVER	10/17/2005	86	11/1/2004	530	530
47	3600	CASE RES NO 1	ANTELOPE CK	11/1/2004	70	5/13/2005	127	70
47	3601	CASE RES NO 2	POTTER CK	4/26/2005	58	7/11/2005	88	66
47	3602	CASE RES NO 3	POTTER CK	11/1/2004	66	5/16/2005	66	66
47	3603	CLAYTON RESERVOIR	BUFFALO CK	11/1/2004	133	4/19/2005	213	133
47	3604	DARCY RES	LIL WILLOW AKA ROCK CK	11/1/2004	0	6/15/2005	2	0

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)			
				Minimum Date	Maximum Date	End of Year	
47	3605	FULLER RES	COW CK	0	5/16/2005	8.3	3
47	3607	HAP RESERVOIR	BUFFALO CK	0	6/2/2005	42	0
47	3608	HECLA RESERVOIR	ARAPAHOE CK	199	4/27/2005	255	225
47	3609	HUNTER RES	SOUTH FK of THREE MI CK	0	6/20/2005	2	0
47	3610	JACKSON RES	RILEY CK	94	5/5/2005	119	119
47	3613	LAKE ROSLYN RES	HOWD CREEK	259	11/1/2004	290	290
47	3614	MACFARLANE RES	SOAP CK	5400	4/22/2005	6466	5400
47	3615	MCGOWAN RES	MIDDLE FK of MEXICAN CK	0	5/16/2005	40	0
47	3616	MEXICAN RESERVOIR	MEXICAN CK	7.6	5/16/2005	152	87.2
47	3617	P W FISCHER RES	FISCHER DRAW	0	5/20/2005	29	0
47	3620	SHAWVER RES	INDIAN CK of ILLINOIS R	0	4/25/2005	50	0
47	3621	SLACK & WEISS RES	NINEGAR CK	52.9	4/19/2005	152	52.9
47	3622	SOUTH ARAPAHOE RES	ARAPAHOE CK	0	5/18/2005	16	0
47	3623	STAMBAUGH RES	CROSBY CK	88	6/15/2005	139	88
47	3625	THREE MILE RES	THREE MILE CK	18	4/10/2005	49	49
47	3626	VAN VALKENBURG RES	ED VAN VALKENBURG DRAW	0	5/4/2005	8.1	0
47	3627	WALDEN RESERVOIR	ILLINOIS RIVER	2158	6/20/2005	5083	2158
47	3628	WEST ARAPAHOE RES	ARAPAHOE CK	20	5/18/2005	564	20
47	3629	WILLS RES	SIX MILE CK	0	5/20/2005	5	0
47	3630	TWO LEDGE RES	COYOTE CK	37	1/10/2005	43	43
47	3638	SHEARER SPRINGS RES #1	LIL WILLOW AKA ROCK CK	8.8	11/1/2004	9.3	9.3

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum			Maximum			End of Year
				Date	AF	Date	AF	Date	AF	
47	3639	SHEARER SPRING RES #2	LIL WILLOW AKA ROCK CK	11/1/2004	75	5/5/2005	75	5/5/2005	75	75
47	3640	GOOD MEDICINE RESERVOIR	SALES CK	4/25/2005	60	6/23/2005	60	6/23/2005	60	60
47	3652	FOUR ZERO FOUR POND	TRIBUTARIES-ILLINOIS R	11/4/2004	0	8/8/2005	7	8/8/2005	7	2.5
47	3653	FOUR ZERO THREE POND	TRIBUTARIES-ILLINOIS R	11/1/2004	0	5/26/2005	0	5/26/2005	0	0
47	3664	BLACK WOLF LAKE	BIG WILLOW CK	10/4/2005	1.1	11/1/2004	1.4	11/1/2004	1.4	1.4
47	3669	KIDS POND	DEER CK	10/13/2005	1.1	4/7/2005	1.5	4/7/2005	1.5	1.4
47	3670	ROBBIES POND	DEER CK	11/1/2004	3	4/7/2005	7	4/7/2005	7	3
47	3671	MIKES POND	DEER CK	11/1/2004	1.4	4/7/2005	2	4/7/2005	2	1.4
47	3672	INDIAN CREEK #1	INDIAN CK of ILLINOIS R	10/13/2005	18	11/1/2004	25	11/1/2004	25	25
47	3673	INDIAN CREEK #2	INDIAN CK of ILLINOIS R	11/1/2004	13	4/7/2005	15	4/7/2005	15	13
47	3675	UPPER THREE MILE DAM #1	THREE MILE CK	5/12/2005	15	8/22/2005	15	8/22/2005	15	15
47	3676	UPPER THREE MILE DAM #2	THREE MILE CK	5/12/2005	15	8/22/2005	15	8/22/2005	15	15
47	3677	UPPER THREE MILE DAM #3	THREE MILE CK	5/12/2005	15	8/22/2005	15	8/22/2005	15	15
47	3678	LABRADOR LAKE	MCKINNON CK	11/1/2004	2	5/19/2005	9	5/19/2005	9	2
47	3679	TIMBER POND	MCKINNON CK	11/1/2004	1.7	5/19/2005	8.5	5/19/2005	8.5	1.7
47	3680	MIDDLE CASE CONTOUR	ILLINOIS RIVER	4/26/2005	0	8/8/2005	0	8/8/2005	0	0
47	3681	NORTH CASE CONTOUR	ILLINOIS RIVER	4/26/2005	0	8/8/2005	0	8/8/2005	0	0
47	3682	SOUTH CASE CONTOUR	ILLINOIS RIVER	8/8/2005	0	4/26/2005	0.4	4/26/2005	0.4	0
47	3683	HEADWATERS POND	ANTELOPE CK	11/1/2004	10.2	4/26/2005	23	4/26/2005	23	10.2
47	3684	BILBEISI POND	POTTER CK	10/31/2005	1.9	11/1/2004	2.3	11/1/2004	2.3	2.3
47	3685	NORTH HACKLEY POND	ILLINOIS RIVER	11/1/2004	1.4	5/27/2005	1.9	5/27/2005	1.9	1.4

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)			
				Minimum Date	Maximum Date	End of Year	
47	3686	SOUTH HACKLEY POND	ILLINOIS RIVER	0	5/13/2005	1	0.4
47	3687	RODRIGUEZ POND	ILLINOIS RIVER	0	5/27/2005	4	0.6
47	3688	HOFMANN POND #1	NO NAME CK	42	5/25/2005	42.2	42
47	3689	HOFMANN POND #2	NO NAME CK	12.2	11/1/2004	12.3	12.3
47	3690	HOFMANN POND #3	NO NAME CK	4.8	5/25/2005	5.1	5
47	3691	HOFMANN POND #4	NO NAME CK	0.8	5/25/2005	3	2.1
47	3692	HOFMANN POND #5	NO NAME CK	0.6	11/1/2004	1.1	1.1
47	3693	HOFMANN POND #6	NO NAME CK	0.6	7/11/2005	3.1	0.6
47	3694	EAST TROWSELL POND	ARAPAHOE CK	1.9	11/1/2004	3.4	3.4
47	3695	UPPER TROWSELL POND	ARAPAHOE CK	2	11/1/2004	3.8	3.8
47	3696	MCQUERY POND	BIG GRIZZLY CK	4.5	6/2/2005	4.5	4.5
47	3697	SCHROEDER POND	SOAP CK	0.6	5/27/2005	0.7	0.6
47	3725	ADDISON RESERVOIR	BUFFALO CK	38.5	4/19/2005	41.5	38.5
47	3742	LAUNE RESERVOIR	TRIBUTARIES	2056	6/1/2005	2388	2275
47	3743	SEYMOUR RES	BIG GRIZZLY CK	431	11/1/2004	525	525
47	3744	COYTE RESERVOIR	ARAPAHOE CK	24	11/1/2004	38.5	38.5
47	3746	POLE MOUNTAIN RES	MIDDLE FK of MEXICAN CK	397	6/14/2005	1180	397
47	3750	LAKE JOHN	LAKE CK	6412	9/15/2005	7092	7092
47	3751	GINGER QUILL RES NO 2	THREE MILE CK	10.6	7/15/2005	10.6	10.6
47	3752	GINGER QUILL RESERVOIR	THREE MILE CK	38.4	10/15/2005	38.4	38.4
47	3753	NORTH MICHIGAN CK RES	NORTH FK of MICHIGAN R	1283	5/20/2005	1370	1290

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum Date	AF	Maximum Date	AF	End of Year
47	3756	HOUSE RES	LOST CK	11/1/2004	45	4/14/2005	45	45
47	3757	RIDINGS RES	BUFFALO CK	11/1/2004	0	4/27/2005	46	0
47	3766	ROCK RESERVOIR	NEWCOMB CK	11/1/2004	0	4/27/2005	18	0
47	3768	KETTLE RESERVOIR	NEWCOMB CK	9/15/2005	0	5/10/2005	22	0
47	3777	NINEGAR RESERVOIR	NINEGAR CK	7/12/2005	0	11/1/2004	24	24
47	3778	FISCHER LAKE	MICHIGAN RIVER	9/25/2005	42.9	11/1/2004	58.4	58.4
47	4335	MEADOW CREEK RES	MEADOW CK	9/26/2005	3715	7/13/2005	5045	4160
47	4356	MUDDY PASS RES	BIG GRIZZLY CK	10/5/2005	52	5/3/2005	58	55.5
47	4358	WADE LAKE	NINEGAR CK	11/1/2004	51	4/19/2005	51	51
47	4396	OVERTON RES NO 1	ALDERDICE DRAW	11/1/2004	0	4/20/2005	0	0
47	4397	OVERTON RES NO 2	ALDERDICE DRAW	11/1/2004	8.8	4/20/2005	8.8	8.8
47	4398	OVERTON RES NO 3	ALDERDICE DRAW	11/1/2004	14.5	4/20/2005	14.5	14.5
47	4432	SPRING CK RES	SPRING CK	11/1/2004	50	4/20/2005	50	50
47	4433	MUSKRAT POND	POTTER CK	11/1/2004	149	4/26/2005	390	149
			TOTAL FOR DISTRICT 47		26,335		37,390	28,976
54	3589	ELK LAKE RES	WILLOW CK	10/18/2005	0	6/24/2005	398.4	0
54	3780	MARTIN CULL RESERVOIR	FOUR MILE CK	8/25/2005	12.8	5/10/2005	385.45	12.8
54	3946	MCCARGER RES	INDEPENDENCE CK	6/30/2005	64.2	6/30/2005	64.2	64.2
54	3948	SLATER CR LAKE	LAKE CK	6/22/2005	88.4	6/22/2005	88.4	88.4
			TOTAL FOR DISTRICT 54		165		936	165

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum Date	AF	Maximum Date	AF	End of Year
56	3710	BASSETT RESERVOIR NO 1	MATT SPRING CK	7/12/2005	15	7/12/2005	15	15
56	3712	DRY LAKE RESERVOIR	DRY CK of POT CK	5/19/2005	18	5/19/2005	18	18
56	3713	HAUNTED SPG RES	HAUNTED SPG GULCH	6/8/2005	2.5	5/24/2005	7	2.5
56	3714	MASSEY RESERVOIR	DRY CK of POT CK	5/19/2005	19	5/19/2005	19	19
56	3715	OFFIELD RESERVOIR	POT CK	5/19/2005	300	5/19/2005	300	300
56	3740	BASSETT RESERVOIR NO 2	BULL CANYON	7/12/2005	40	6/8/2005	50	40
56	3901	MATT WERNER RESERVOIR	POT CK	11/1/2004	1990	5/19/2005	2945	2945
56	3903	CALDER RESERVOIR NO. 2	POT CK	11/1/2004	226	5/5/2005	1600	1370
56	3904	CROUSE RESERVOIR	POT CK	11/1/2004	0	5/19/2005	1031	825
56	3921	COVE RES	COTTONWOOD CK	5/24/2005	122.2	5/24/2005	122.2	122.2
56	4452	HOUSE RESERVOIR	ANTONE CANYON	5/5/2005	20	5/5/2005	20	20
56	4453	IRISH LAKE	IRISH LAKE BASIN	6/8/2005	300	5/5/2005	413	300
		TOTAL FOR DISTRICT 56			3052.7		6540.2	5977
57	3500	SENECA MINE POND 006	HUBBERSON GULCH	11/1/2004	4.9	2/1/2005	14.2	14.2
57	3501	SEDIMENTATION POND A	FOIDEL CK	8/1/2005	200	11/1/2004	210	210
57	3516	WOLF MOUNTAIN RES	WOLF CK	11/1/2004	80	6/22/2005	82	80
57	3522	YAMPAR WILDLIFE PONDS	TRIBUTARIES	5/11/2005	4.4	5/11/2005	4.4	4.4
57	3523	PEABODY POND Y-1	SAGE CK	11/1/2004	14.2	10/31/2005	14.2	14.2
57	3541	HUNTER NO 1 RES	MIDDLE CK	11/1/2004	3	5/15/2005	10	3

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum			Maximum			End of Year
				Date	AF	Date	AF	Date	AF	
57	3543	CAMPSITE RESERVOIR	SMUIN GULCH	11/1/2004	2	10/31/2005	2	2	2	
57	3549	APPLE RES	DRY FORK	11/1/2004	0	5/2/2005	11	0	0	
57	3550	BASIN RES	BUCHANAN GULCH	11/1/2004	0	10/31/2005	0	0	0	
57	3551	BROCK RESERVOIR	BROCK GULCH	10/24/2005	1	5/15/2005	6	1	1	
57	3555	ECKMAN PARK RES 1	FOIDEL CK	11/1/2004	2	5/1/2005	4	2	2	
57	3560	EMRICH RES	TEMPLE GULCH	11/1/2004	0	4/4/2005	120	0	0	
57	3564	GREASEWOOD FLAT RES	DILL GULCH	11/1/2004	0	4/4/2005	8	1	1	
57	3571	JAMES MARION YOAST RES	YOAST GULCH	10/12/2005	19	5/25/2005	201	19	19	
57	3572	J C TEMPLE RES 1	TEMPLE GULCH	11/1/2004	300	4/4/2005	454	300	300	
57	3574	MORGAN CREEK RES 1	MORGAN CK	11/1/2004	0	4/22/2005	100	0	0	
57	3575	NOFSTGER RES	SCOTCHMANS GULCH	10/31/2005	65	4/18/2005	95	65	65	
57	3576	NOFSTGER ZEIGLER RES	SCOTCHMANS GULCH	11/1/2004	40	4/18/2005	62	55	55	
57	3582	SEATON RES	MIDDLE FISH CK	11/1/2004	1	10/31/2005	1	1	1	
57	3583	SHERIFF RES	TROUT CK	11/1/2004	987	10/31/2005	987	987	987	
57	3585	WHETSTONE RES	WHETSTONE CK	11/1/2004	3	4/18/2005	12	4	4	
57	3587	YOAST RESERVOIR 1	YOAST GULCH	11/1/2004	1	5/25/2005	18	5	5	
57	3610	DEERWOOD POND	TRIBUTARIES-TROUT CK	11/1/2004	12.5	4/1/2005	13.6	13	13	
57	3612	HOPES POND	TRIBUTARIES-TROUT CK	11/1/2004	1	5/11/2005	2	1	1	
57	3620	PILOTS POND	WOLF CK	11/1/2004	10	6/22/2005	14	11	11	
57	3639	HEADQUARTERS LAKE	TROUT CK	11/1/2004	10.5	10/31/2005	10.5	10.5	10.5	
57	3640	THAMES LAKE	TROUT CK	11/1/2004	11.4	10/31/2005	11.4	11.4	11.4	

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum Date	AF	Maximum Date	AF	End of Year
57	3641	BAKER LAKE	TROUT CK	11/1/2004	9	10/31/2005	9	9
57	3642	DUCK POND	TROUT CK	11/1/2004	0.8	10/31/2005	0.8	0.8
57	3644	HUNTER UPPER RESERVOIR	MIDDLE CK	11/1/2004	4	11/1/2004	5	4
57	3654	PEROULIS POND	FISH CK	6/20/2005	4	5/26/2005	5	5
57	3655	COTTONWOOD POND	TEMPLE GULCH	11/1/2004	40	10/12/2005	40	40
57	3657	HUNTER MIDDLE RESERVOIR	MIDDLE CK	11/1/2004	5	10/31/2005	5	5
57	3658	HUNTER LOWER RESERVOIR	MIDDLE CK	11/1/2004	6.5	10/31/2005	6.5	6.5
57	3659	PIT STORAGE POND	FOIDEL CK	11/1/2004	40	10/31/2005	40	40
57	3761	EAST OF MINE SHOP IMPND	GRASSY CK	11/1/2004	9	10/31/2005	9	9
57	3772	KOWACH RESERVOIR 1	BUCHANAN GULCH	11/1/2004	30	5/15/2005	33	30
57	3775	COZZENS WALROD RESERVOIR	HUTCHINSON DRAW	11/1/2004	2	4/22/2005	38	5
57	3786	HAYDEN RAW WATER RES	SAGE CK	1/1/2005	780.5	5/1/2005	844.9	831.8
57	3793	WADGE PIT RES	GRASSY CK	11/1/2004	142	5/1/2005	150	150
57	4000	CURTIS GULCH STOCK POND	CURTIS GULCH	11/1/2004	30	5/1/2005	40	30
57	4001	HIGH QUALITY POND	SAGE CK	11/3/2004	20	5/1/2005	22	20
57	4002	INTERMEDIATE QUALITY P	SAGE CK	8/1/2005	165	2/5/2005	209	209
57	4003	EVAPORATION POND	SAGE CK	10/1/2005	55	6/5/2005	250	55
		TOTAL FOR DISTRICT 57			3,116		4,175	3,265
58	3500	ALLEN BASIN RES	MIDDLE HUNT CK	8/9/2005	309	6/20/2005	1182	581
58	3501	ALMA M BAER RES	FISH CK	11/1/2004	2.6	10/31/2005	2.6	2.6

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)		
				Minimum Date	Maximum Date	End of Year
58	3503	BISON PARK RES	LAWSON CK	0	6/1/2005	40
58	3504	BULL PARK RES 2	WATSON CK	0	6/5/2005	34.61
58	3505	BURNT MESA RES	SOUTH HUNT CK	15.1	6/1/2005	62
58	3506	CHAPMAN RES	LITTLE OAK CK	40	5/17/2005	247
58	3508	FISH CREEK RES	MIDDLE FK of FISH CK	3474	8/1/2005	4167
58	3509	FISH LAKE RES 2	WHEELER, LAKE CK	35	10/31/2005	35
58	3511	GARDNER PARK RESERVOIR	GARDNER PARK CK	401	6/5/2005	645
58	3512	HAHNS PEAK RES	WILLOW CK	601	10/31/2005	601
58	3513	HEART LAKE RES	WATSON CK	0	7/1/2005	178.77
58	3518	LAKE CREEK RES	WHEELER, LAKE CK	292	10/31/2005	292
58	3519	LAKE WINDEMERE RES	DE CORA GULCH	3	5/20/2005	80
58	3520	LEE RESERVOIR	CHIMNEY CK OR S FK	0	5/1/2005	20
58	3521	LESTER CK RESERVOIR	LESTER CK	5190	5/20/2005	5810
58	3522	LONG LAKE RES	SOUTH FK of FISH CK	227.2	8/1/2005	321
58	3525	MCCHIVVIS RES	WATSON CK	0	6/15/2005	127
58	3528	MOORE PARK RES	MOORE PARK CK	20	10/31/2005	20
58	3530	OAK CREEK RES	OAK CK	2	10/31/2005	2
58	3532	RAMS HORN RES	DOMO CK	122	10/31/2005	122
58	3539	SIMON RES 1	MIDDLE HUNT CK	239	6/14/2005	700
58	3540	STILLWATER RES 1	BEAR RIVER	1074	6/26/2005	2981
58	3541	STUCKEY DIST RES	SPRING CK	0.25	10/31/2005	0.25

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)			
				Minimum Date	Maximum Date	End of Year	
58	3544	TRULL CR RES	TRULL CK	0	4/12/2005	160	0
58	3545	BEAR LAKE	BEAR RIVER	620	10/31/2005	620	620
58	3546	WHEELER RES	WHEELER, LAKE CK	37	10/31/2005	37	37
58	3547	WHITELEY NELSON RES	WILSON CK	148	4/26/2005	429	157
58	3551	DEER PARK POND 3	WILLEY CK	7	5/15/2005	11	8
58	3564	OVERMAN RESERVOIR	TRIBUTARIES	0	7/19/2005	30	25
58	3569	FOLLY POND	OAK CK	34	5/15/2005	43	36
58	3571	MYSTIC RESERVOIR 2	TRULL CK	1	10/31/2005	1	1
58	3586	FAIT RESERVOIR	RENFRO CK	4	10/31/2005	4	4
58	3587	UPPER SPRING CK RES	SPRING CK	15	10/31/2005	15	15
58	3596	LODWICK POND	FISH CK	13	10/31/2005	13	13
58	3599	VALENTINE POND	FISH CK	1.8	10/31/2005	1.8	1.8
58	3603	CHAPMAN POND	TRIBUTARIES-ELK R	5	11/1/2004	6.9	5
58	3629	TARZIAN RES 1	FAWN CK	0.3	5/20/2005	6	2
58	3631	LAKE CATAMOUNT	YAMPA RIVER	4382	5/23/2005	8647	6884
58	3632	HOGUE RES	TRIBUTARIES	1	10/31/2005	1	1
58	3635	ROSSI RESERVOIR 1	MIDDLE HUNT CK	10	10/31/2005	10	10
58	3644	HOLLINGWORTH FISH POND 2	SODA CK	0.4	10/31/2005	0.4	0.4
58	3689	DURYEADAM	TRIBUTARIES-ELK R	7.5	10/31/2005	7.5	7.5
58	3708	MCGILL POND	BUTCHERKNIFE CK	0	11/1/2004	0.2	0.2
58	3724	BRUMBACK POND	OAK CK	22.5	10/13/2005	22.5	22.5

Reservoir Storage Summary by District

Water Year 2005

AMOUNT IN STORAGE (AF)

WD	ID	RESERVOIR	SOURCE STREAM	Minimum Date	AF	Maximum Date	AF	End of Year
58	3725	SLATE CREEK DAM	SLATE CK	10/31/2005	8	11/1/2004	9	8
58	3732	COLEMAN POND	FARNESWORTH CK	11/1/2004	1.5	5/20/2005	3.4	2
58	3767	CROWNER RESERVOIR	BEAVER CK of CHIMNEY CK	11/1/2004	0	6/1/2005	58	0
58	3770	MARTIN RESERVOIR	MARTIN CK	11/1/2004	74	10/31/2005	74	74
58	3771	TILLQUIST LAKE RESERVOIR	MORRISON CK	11/1/2004	5.6	10/31/2005	5.6	5.6
58	3787	STEAMBOAT LAKE	WILLOW CK	10/31/2005	23100	4/18/2005	26800	23100
58	3788	HOLLINGWORTH FISH POND	SODA CK	11/1/2004	1.5	10/31/2005	1.5	1.5
58	3825	UPPER ROBINSON RES	DEER CK	11/1/2004	21	5/31/2005	23	21
58	3826	BAR BEE LAKE	BEAVER CK of MORRISON CK	11/1/2004	80	10/31/2005	80	80
58	3940	REED RESERVOIR	CHIMNEY CK	11/1/2004	8	10/31/2005	8	8
58	3943	GOOF UP PONDS	TRIBUTARIES-ELK R	6/27/2005	3	11/1/2004	8.3	6
58	4213	STAGECOACH RESERVOIR	YAMPA RIVER	3/3/2005	30085	7/2/2005	33359	32188
58	4240	YAMCOLO RES	BEAR RIVER	11/1/2004	3260	6/6/2005	7944	5200
58	4362	HENDERSON RES	HENDERSON CK	11/1/2004	15	10/31/2005	15	15
58	4366	MAD RANCH POND	HOT SPRING CK	11/1/2004	10	10/31/2005	10	10
58	4376	STEAMBOAT WW RECL RES	TRIBUTARIES	11/1/2004	38	8/15/2005	50	50
58	4420	BROOKIE LAKE	WHEELER, LAKE CK	11/1/2004	32	10/31/2005	32	32
TOTAL FOR DISTRICT 58					74,099		96,217	82,254

WATER DIVERSION SUMMARIES
WATER YEAR 2005

WD	STRUCTURES REPORTING					EST. NO. OF VISITS TO DIVERSION STRUCTURES	TOTAL DIVERSIONS TO STORAGE AF	TOTAL DIVERSIONS TO IRRIGATION AF	NUMBER OF ACRES IRRIGATED	AVERAGE ACRE- FEET PER ACRE
	With Record Available 1	No Water Available 2	No Water Taken 3	No Info Available 4	Active Struct. w/No Record 5					
43	577	126	131	9	1,705	7,956	840	241,124	25,643	9.40
44	241	45	87	6	2,748	801	0	122,234	28,783	4.25
47	573	1	33	5	460	5,647	11,220	479,144	115,334	4.15
54	80	3	26	27	545	120	376	62,655	13,966	4.49
55	17	0	6	1	364	33	0	15,370	1,850	8.31
56	44	4	22	11	676	44	669	7,509	1,936	3.88
57	88	3	52	13	664	228	181	37,251	9,043	4.12
58	429	9	116	41	1,632	2,941	925	126,980	28,439	4.46
Total	2,049	191	473	113	8,794	17,770	14,211	1,092,267	224,994	4.85

- (1) Grouped by ID
- (2) Count of Structures with NUC = B
- (3) Count of Structures with NUC = A+C+D
- (4) Count of Structures with NUC = E+F
- (5) Count of Diversion Structures with CIU=U

**WATER DIVERSIONS TO VARIOUS USES
WATER YEAR 2005**

USES	WD 43	WD 44	WD 47	WD 54	WD 55	WD 56	WD 57	WD 58	TOTALS
TRANSMOUNTAIN OUT	0	0	5,984	0	0	0	0	0	5,984
TRANSBASIN OUT	0	0	0	0	0	0	0	2,907	2,907
MUNICIPAL	3,079	1,916	181	0	0	0	296	3,472	8,944
COMMERCIAL	232	1	0	0	0	180	0	13	426
INDUSTRIAL	2,613	16,501	17	0	0	0	2,976	392	22,499
RECREATION	602	0	0	0	0	0	0	3,695	4,297
FISHERY	47,911	0	940	81,057	0	0	1,100	5,926	136,934
DOMESTIC & HOUSEHOLD	2,639	24	6	10	0	65	18	1,210	3,972
LIVESTOCK	10,261	0	6,732	728	38	44	4,801	6,325	28,928
AUGMENTATION	80	0	0	0	0	0	0	0	80
EVAPORATION	0	0	0	0	0	0	0	0	0
GEOHERMAL	0	0	0	0	0	0	0	0	0
SNOWMAKING	0	0	0	0	0	0	0	331	331
MINIMUM STREAMFLOW	0	0	0	0	0	0	0	159	159
POWER GENERATION	200,615	2,821	0	0	0	0	0	40,928	244,364
WILDLIFE	0	0	11	0	0	5,562	32	0	5,605
RECHARGE	0	0	0	0	0	0	0	394	394
OTHER	0	0	808	1,442	0	0	106	0	2,356
ALL BENEFICIAL USES	0	0	0	0	0	0	0	6,390	6,390
TOTALS	268,032	21,263	14,678	83,237	38	5,851	9,329	72,142	474,570

TRANSMOUNTAIN DIVERSION SUMMARY - OUTFLOWS
WATER YEAR 2005

SOURCE										RECIPIENT		
WD ID	NAME	STREAM	10-YR AVG		CURRENT YEAR		WD ID	WD ID	STREAM			
			AF	DAYS	AF	DAYS						
47	4602	Cameron Pass Ditch	Michigan River	104	29	177	40	3	Poudre River			
47	4603	Michigan Ditch	Michigan River	4502	326	5807	365	3	Poudre River			
58	4630	Dome Creek Ditch	Dome Creek	160	72	100	65	50	Egeria Creek			
58	4684	Sarvis Ditch	Sarvis Creek	501	84	561	79	53	Muddy Creek			
58	4685	Stillwater Ditch	Bear River	2414	108	2246	117	53	Egeria Creek			

NO TRANSMOUNTAIN DIVERSION INFLOWS

RIVER CALLS – WATER YEAR 2005

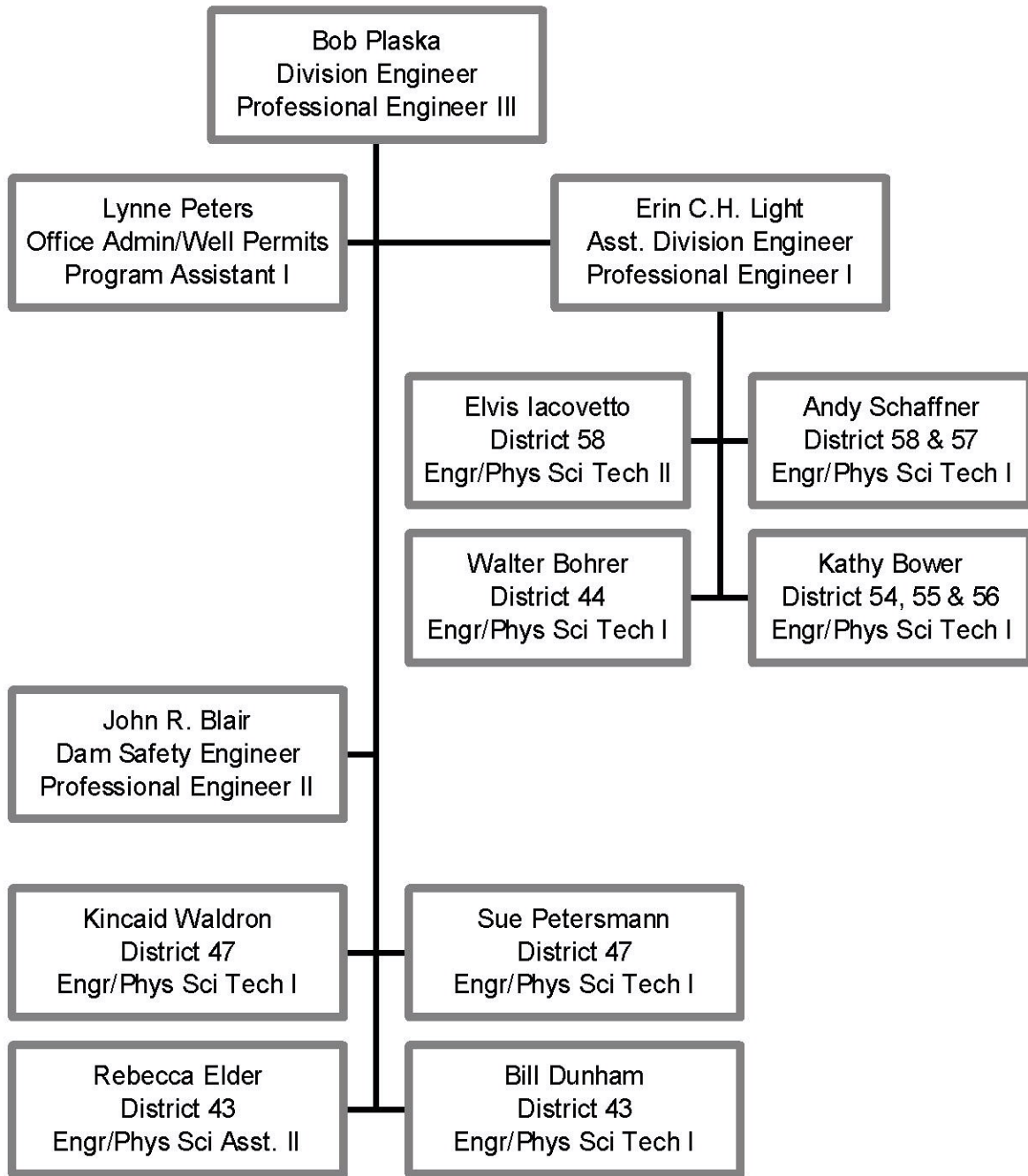
<u>WD</u>	<u>STREAM</u>	<u>CALLING STRUCTURE</u>	<u>CALLING PERSON</u>	<u>FIRST</u>	<u>LAST</u>	<u>ADMIN NO</u>
43	PICEANCE CREEK	MOONEY DITCH 2	DAN JOHNSON	04/14/05	05/18/05	28028.18520
44	FORTIFICATION CK	WISCONSIN DITCH	TOM GREY	07/05/05	07/07/05	14019.00000
44	LITTLE BEAR CK	LITTLE BEAR DITCH	DOUG CAMELLETTI	07/10/05	07/27/05	13797.00000
44	MORAPAS CREEK	DEER CREEK & MORAPAS D.	LARRY OSBORN	07/18/05	09/30/05	13646.00000
44	DEER CREEK	HIGHLINE DITCH	LARRY OSBORN	07/18/05	09/01/05	14020.00000
47	ROCK CREEK	DONELSON DITCH	BOB THOMPSON	05/13/05	07/01/05	14775.00000
47	COE DITCH NO. 1	GOVERNMENT CREEK	SEAN MILLER	05/06/25	06/25/05	11860.00000
47	COE DITCH NO. 2	GOVERNMENT CREEK	SEAN MILLER	06/06/25	06/25/05	11860.00000
54	WILLOW CREEK	WILLOW CREEK DITCH	TUFFY MURPHY	07/18/05	09/13/05	12646.00000
54	WILLOW CREEK	NORRIS SPRING NO. 1	M. HAUGER, R. NORRIS	07/20/05	ACTIVE	55152.53112
57	WEST FISH CREEK	HIGHLAND DITCH	ANDY & STAN PEROULIS	0526/05	11/01/05	14501.00000
58	SODA CREEK	SODA CREEK DITCH	WAYNE KAKLA	10/03/05	10/12/05	13675.00000
58	WILLOW CREEK	WILLOW CK MSF-M2	OWCB	08/15/05	10/11/05	46649.00000
58	BEAR RIVER	FIX DITCH	JERRY SCHALNUS	05/04/05	06/02/05	12198.00000
58	BEAR RIVER	PENNSYLVANIA DTICH	BOB GEORGE	05/09/05	06/02/05	12210.00000
58	BEAR RIVER	NICKELL DITCH	DEAN ROSSI	05/11/05	06/02/05	12232.00000
58	BEAR RIVER	NICKELL DITCH	DEAN ROSSI	06/06/05	07/21/05	12232.00000
58	BEAR RIVER	FIX DITCH	JERRY SCHALNUS	06/29/05	07/24/05	12198.00000
58	BEAR RIVER	BIRD DITCH	JERRY SMITH	07/21/05	10/01/05	12232.00000
58	BEAR RIVER	WOOLEY DITCH	JERRY SCHALNUS	07/31/05	10/01/05	13977.00000
58	BEAR RIVER	BIG MESA DITCH	DOUG GATES	08/09/05	10/01/05	19990.15938
58	BEAR RIVER	STILLWATER DITCH	DITCH RIDER	08/29/05	10/01/05	22071.19623
58	MIDDLE HUNT CREEK	SIMON DITCH	MARK ROSSI	05/20/05	07/29/05	14032.00000
58	SOUTH HUNT CREEK	LAFON DITCH	KIM WINESTEIN	06/24/05	07/25/05	18529.13985
58	NORTH HUNT CREEK	NORTH HUNT CREEK DITCH	ZANE LOUTHAN	05/31/05	07/18/05	14348.00000

**WATER COURT ACTIVITIES
Calendar Year 2005**

	<u>Division 5</u>	<u>Division 6</u>
Applications	19	81
Consultations with Referee.....	22	58
Decrees Issued by Court for Water Rights.....	25	45
Dismissal/Denied/Withdrawn.....	4	2
Complaints.....	0	0
Change of Venue.....	0	0

<u>TYPE OF RULING</u>	<u>Division 5</u>		<u>Division 6</u>	
	<u>Cases/Orders</u>	<u>Structures</u>	<u>Cases/Orders</u>	<u>Structures</u>
Findings of Diligence on Conditional Rights	12	22	5	7
Cancellations of Conditional Rights	7	8	15	22
Conditional Water Rights Made Absolute	4	5	1	1
Surface Water Rights Adjudicated	3	6	18	30
Underground Water Rights Adjudicated	0	0	1	1
Water Storage Rights Adjudicated	1	1	6	13
Plans for Augmentation Adjudicated	0	0	1	1
Exchanges	0	0	0	0
Changes of Water Rights Adjudicated	4	9	2	2
Instream Flow Rights Adjudicated	0	0	0	0
Abandonment List	0	0	0	0

Division 6 Organizational Chart



**2005 OFFICE ADMINISTRATION
and WORKLOAD MEASURES**

Professional and Technical Staff (FTE)	3.0
Administrative Support Staff (FTE)	1.0
Water Commissioners Assigned (FTE)	6.5
Wells Permitted	206
Water Court Appearances.....	1
Water Referee Contacts.....	20
Meetings with Water Users.....	17
Meetings to Resolve Water Related Disputes.....	0
Contacts to Give Public Assistance	9100