STATE OF COLORADO

DIVISION OF WATER RESOURCES
WATER DIVISION FIVE
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Department of Natural Resources

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April 5, 1995

Hal D. Simpson
State Engineer
Division of Water Resources
1313 Sherman Street, Room 818
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Dear Hal:

On behalf of the staff of Division 5, I submit the Annual Report for 1995.

I would like to express special thanks to the Division 5 personnel as well as you and your staff for the help and support in fulfilling the various responsibilities of water administration in Division 5.

Respectfully submitted,

Orlyn J. Bell
Division Engineer

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1995

ANNUAL REPORT

DIVISION 5

DIVISION OF WATER RESOURCES

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ANNUAL REPORT
WATER DIVISION 5

I. WATER ADMINISTRATION

A. 1995 WATER YEAR

Overall, this was considered to be an excellent water year with average to above-average hay and grain crops. Fruit growers did well. The less-than-average early snowpack became increasingly dismal as spring continued. However, warm and dry was replaced by snowy and wet and then more snow. Ski areas closed with record snow depth. Many records fell within the basin. The very late high runoff contributed to spot flooding and was followed by average summer and fall precipitation.

1. Accomplishments

a. Flood Watch

Rather than typical spring water administration, most water commissioners were kept busy chasing high water. They worked with various city and county officials providing much demanded information on stream flows, projected changes, and even in some cases, flood watch duties including sandbagging operations. The satellite equipment and real-time flow data is still a technological godsend in such situations. Denver's systems, the CBT and Fryingpan-Arkansas Projects, all operated to create flood protection within the basin. Consequently flooding was limited to areas above Dillon and some reaches on the Roaring Fork and its tributaries.

b. Dam Safety

Because of the heavy runoff during 1995, the staff was kept very busy with several dam safety problems resulting in numerous follow-up and unexpected inspections. The dam safety engineer alone put in 5 months of work in a 4-month period. 12 runoff-related dam safety incidents occurred. 2 failures and an additional 4 dams almost failed due to overtopping as a result of inadequate spillways or snow obstructing the spillways. Most of these incidents involved illegally built dams or non-jurisdictional dams that could have caused significant damage if they were to fail completely. The most widely known incident involved the partial failure of the illegally built Vincent #2 Dam. This failure attracted considerable media attention and several days of monitoring by our staff. What is not widely known is that serious problems on at least half a dozen dams were avoided with significant effort by our office staff and water commissioners -- one of which involved a Class 1 dam.

Total number of inspections performed by all Division 5 personnel = 149, which consisted of the following:

111 inspections performed by Dam Safety Engineer:
- 1 Class 4 dam routine inspection
- 21 Class 3 dam routine inspections
- 25 Class 2 dam routine inspections
- 21 Class 1 dam routine inspections
- 3 construction inspections
- 0 outlet inspections
- 40 follow-up inspections

12 inspections performed by other Division 5 staff engineers:
1 Class 1, 4 Class 2, 7 Class 3

27 inspections performed by water commissioners:
11 Class 2, 16 Class 3

Additionally, the controlled total breaching of the illegally built Vincent #1 and Vincent #2 Dams (District 72) was engineered after the partial failure of Vincent #2 during the spring runoff. The Rapid Creek #1 and #2 Dams (District 72) were rehabilitated and the Wolford Mountain Dam (District 50) was completed.

A "Heavy Snowmelt Hydrology Method" was fine tuned utilizing this year's spring runoff that can be used for analyzing performance of dams during heavy spring runoff. The method was tested with the 1995 Crystal River flood which predicted flood peak to be in the range of 4200 cfs to 4900 cfs; the actual peak was 4440 cfs. Also a method for evaluating the snow jam potential in spillways in heavy snow-prone areas was developed. With additional data this method will be fine tuned in the future. These analyses can be used in future situations as well.

c. Water Administration

Eventually the high flows turned gradually into more reasonable volumes. Consequently, some water administration became necessary. However, it was minimal with no "river" calls from either Shoshone or Cameo. Even some of the normally highly administered streams had no calls. Water commissioners as a whole spent more time on water court field investigations, new structures, wells, and special projects.

d. Hydrographic Program

3 satellite and 6 manual gaging stations were maintained and records computed. High water made possible one new high water measurement. Of the 58 stations collecting stream flow data from satellite monitoring equipment, the Division maintains data collections platforms (DCP's) at 27 sites. Construction consisted of installing 7 DCP's at existing gage stations - 5 by Division staff and 2 by USGS staff.

Information concerning shifts, flows and rating tables at integral gage stations identified by the Division Engineer and maintained by the USGS which are needed for administration is readily available from USGS staff. Communications with USGS staff both in Lakewood and Grand Junction in the form of telephones and computers is highly used and effective.

The backlog of hydrographic records is complete and ready for publication. 7 stations were published for the years 1983 through 1990. 54 stream and 25 canal measurements were made during the year.

e. Ground Water and Well Permitting

A strong growth economy during 1995 created heavy demand on Division 5 staff regarding ground water and well permitting. Individual small capacity wells are the majority. Although the amount of diversion and consumptive use is relatively small, the individual well is critical for the user, thus, a great amount of resources and time is spent reaching and reviewing information for existing and proposed wells.

During calendar year 1995 a total of **802 well permits were approved** for Division 5:

517 exempt
192 non-exempt (134 per Aug Pls & 58 per conservancy district contracts)
31 replacement (exempt),
0 replacement (non-exempt),
23 late registrations
39 monitoring wells

Additionally 292 monitoring and observation holes (MH) acknowledgements were approved, increasing by 25 percent from 1994. Noting the high number of MH's, it appears well contractors often circumvent the well permitting process by abuse of the MH procedure. Implementation of procedures or guidelines by the SEO or BOE might limit the abuse of the MH process and gain tighter control.

Preprocessing of well permit applications steadily increases every year. The total number **increased by 7 percent from calendar year 1994 with a total of 285 applications reviewed.** Preprocessing of well permit applications does have a positive impact, by reducing the number of returned applications and increasing the average approval time for basic well permits.

Well inspections also increased during calendar year 1995 totaling 107 (not including Water Court Cases or Well Construction Observations per Rule 6.3.a, BOE) thus nearly doubling the number of well inspections from 1994.

Rule 6.3.a requiring Notice of Intent to Construct (per BOE rules effective April 1, 1995) was implemented. Between April 1, 1995 through December 31, 1995 a total of 485 Notices of Intent to Construct were submitted. Per the observation program, Division 5 personnel observed 12 percent of the 485 notices submitted. The program was somewhat cumbersome regarding distribution and tracking of the notices and Water Commissioners Observation Reports, but the program did have value regarding drilling activity and closer regulatory benefits.

House Bill 95-1151 was a benefit in clarifying the Spring/Well issue and changing the 600 foot spacing procedures for wells reviewed pursuant CRS 37-90-137. Parts I and II of H.B. 95-1151 have great value and were both implemented during the middle of 1995.

Changes were seen regarding land use planning and comments on water supply to Colorado counties. Per the SEO letter of 8/7/95 "Effective August 31, 1995, this office will no longer respond to land use actions that do not involve the subdivision of land as defined in Section 30-28-101-(10)(a) C.R.S.(1986 Repl. Vol.)." Some trickle-down effect was seen in the Division 5 office, regarding research of limiting conditions of approval on existing and proposed wells, and general well permitting information.

Increased computer power and capabilities have improved the tracking methods of wells and current ownership. Databases provided from county assessors and use of the Microsoft ACCESS program assist in this tracking process. Importing county ownership information then creating tables and queries and matching well permit numbers to a 14-digit Parcel Identification Number (PIN) tie wells to the parcel and keeps information up to date. Currently, a missing LINK in further tying well permits to PIN's would be a common element on our WELLBROW database program, **which would be the PIN**. Please note the PIN is optional information on the new well permit application forms effective 2/1/96, as State Parcel ID. Additionally, advancements of GIS technology must be provided and used in Division offices in the area of mapping and further database sharing information within all Colorado counties.

Regarding ground water and water wells the statement can be made " the amount of water does not always reflect the worth of the water." With increased concerns regarding growth and growth related issues, data sharing between the SEO and Colorado counties must become a reality. Data sharing must be in the areas of Parcel Ownership, Parcel Identification Numbers (PIN) and GIS. COCO (Colorado Counties), a subcommittee to GICC which is a GIS committee under the Governor, will be making recommendation standards and the 14-digit PIN appears to fit the criteria.

f. Water Records and Information

The quality of record collected continues to be refined, improving consistency from year to year. Additional record was collected on structures with previously "no information available" as well as on new structures. However, construction of new structures continues to outpace these additions to the record. As a result, the overall percentage of structures with record versus active structures has declined. The increasing number of small augmentation plans and small surface structures irrigating minor acreages present the biggest challenges.

g. Substitute Supply Plans

To date 66 substitute supply plans have been applied for: of which 17 have been decreed, 11 are valid plans, and 38 need further investigation by DWR personnel.

h. Special Projects

-- CRDSS:QA/QC

The Division 5 staff completed field verification of the Bureau of Reclamation's satellite photos of irrigated lands in the Colorado River Basin in 1995. The irrigated fields have all been identified and numbered and we are now in the process of associating each field with an irrigation structure. The data will then be entered into a computerized database to be completed sometime during the 1996 water year.

Review of the historic record (1975-1991) and data correction for the "key and unique" structures was accomplished for Water Districts 37, 38, 39, 45, 50, 52, 53, 70, and 72 prior to the spring runoff. The review was not done for Water Districts 36 and 51. This review and correction involved only the data that resided in the Water Data Bank. In June 1995 the recompiling of the 1985 records was started with contract labor. These records until now were not complete due to missing files and many missing records within existing files and errors caused by "user-supplied data." The 1985 records project was completed

in October 1995. As the irrigation season came to a close, we began review of the Water Data Bank historic record for Water Districts 36 and 51.

During the next Irrigation Year (beginning November 1995) we have 16 man-months allocated to finish the historic record QA/QC project. The plan is to finish review of all the Water Data Bank record for all structures, and replace any bad or missing data from outside (the Water Data Bank) sources where reliable and appropriate, i.e., DWR files and reports, USBR records, and other water user record. The vast majority of this effort will concentrate on obtaining this outside data, developing spreadsheets, editing, and entering into the historic files.

As of this writing, review of the historic record in the Water Data Bank for the "key and unique" structures is complete for all districts, and for all structures (non-key and non-unique) is done for Water Districts 39, 45, 50, 52, 53, 70, and 72. The non-key and non-unique structures for Water Districts 36, 37, 38, and 51 should be finished during the summer of 1996. Concerning the "outside" data, only the Silt Project, Vega Project, Grand Valley Project, and Green Mountain Reservoir remain to be done, along with some editing to the Homestake Project and Continental-Hoosier System. The completion of the outside data will be finished during the summer of 1996, though there may never be good data to adequately fix the Silt Project.

Additional plans for the 1996 Irrigation Year include work on the Reservoir Storage Reports, Structure Lists, and the Water Rights Tabulation.

-- SWAT, CROS, GVMS

Members of the Division 5 staff continued to participate in the "SWAT" team discussions involving Colorado River administration. The team consists of city, county, state, and federal officials and was originally formed as a discussion group to resolve administration of Green Mountain but has also tackled accounting problems associated with the Dillon Reservoir and Green Mountain Reservoir refill cases, and the Clinton Gulch Reservoir agreement. It is hoped that this cooperative effort to reach a consensus in a technical forum will minimize opposition to a final decree on the refill cases and help to reach an early settlement in the courts. The group adopted mutually agreeable accounting principles for administration of the three reservoirs in 1994 and has now expanded the forum to other issues including Grand Valley Water Management Study, Homestake/Eagle Valley "Water Trading" Plans, Denver's PACSM Modelling Project, Vidler agreements with U.S. Bureau of Reclamation (USBR), and the Consolidated Reservoir Operations Study.

-- Water Court

A total of 329 water right applications for Division 5 were filed during 1995. Of those applications, 43 were applications involving new augmentation plans and 8 were to amend existing aug plans. Many of these applications require significant effort on the part of Division 5 employees to prevent decrees from being issued which cannot be administered properly or which injure existing water rights. Most of the applications must be field inspected by the Water Commissioners, who then file a written report and make recommendations to the Division Engineer. After a thorough review of the Water Commissioners' reports and the application, the Division Engineer consults with the Denver staff and makes his summary of consultation to the court.

-- Tabulation

During 1995 we continued to get further behind in Water Districts 36, 37, and 38. In addition to the deficiencies noted in the 1994 Annual Report, nothing was entered for Districts 36 and 38 this year. This is primarily attributed to lack of staffing due to growth in the needs of Division 5. But for the first time we also lost ground in four of the other eight water districts. This is directly the result of our focus on the Irrigated Acres Project and the QA/QC Project. It is anticipated that the 1996 publication of the Tabulation will have improved data quality, but will have a larger number of unentered decrees than in 1994.

The 1994 Tabulation was published in July 1994. Tremendous progress was made since the 1992 publication but the tabulation continues to have the following deficiencies: In WD 36 nothing was been entered since 1988 and all augmentation decrees need to be re-tabulated to bring up to current standards. In WD 37 all augmentation plans in the Gore Valley need to be re-tabulated. In WD 38 nothing has been entered since 1990.

2. Milestones in Water Issues

a. With the Clinton agreement in its infancy and functioning in Summit and Grand Counties, attention has been turned to Eagle County. The potential to managing water to benefit more parties is there. The Eagle County Forum is working on ways to utilize storage from Climax and Aurora-Colorado Springs to mitigate potential shortages in the Eagle River.

b. Also following through with Bench-Bar discussion, many water right applications were negotiated to satisfactory decrees rather than litigated, as would have been done in years past.

c. Two years ago water commissioners and Division staff placed Four Mile Creek on notice that administration of out-of-priority domestic diversions would begin, kicking off a water range war of sorts between Four Mile Water Company and the West Divide Water Conservancy District. Existing users need augmentation coverage and growth pressure is extreme. Several State Engineer Office-approved substitute supply plans are in place with Water Court applications in process. These cases are still not final and have gotten transferred to Division 4 with Judge Brown presiding.

d. OMID-USBR - 91CW247 - The "Check" Case

The application to adjudicate the historic "check operation" has blossomed into a full-blown attempt to solve all future decisions regarding the operation of Green Mountain Reservoir, incorporating into it wet year/dry year differences with protections for late season municipal users from irrigators while providing water for transmountain diversions and endangered fish. Also included are specific attacks on some of the lower river decrees and the beneficial use-wastage-water salvage issues in the Grand Junction area. These are extremely important issues that need to be addressed but seem inappropriate in this case. However, at the present, it's the only forum that the attorneys have available to them!

Last minute bulletin "Last Thursday all parties agreed to a settlement stipulation." I hope it holds.

e. Colorado River Mainstem Calls

The high snowpack during the 1994-95 water year, especially in the Roaring Fork River Basin, produced sufficient runoff to satisfy all water demands in the Grand Valley for 1995 without the necessity of a call being placed on the Colorado River.

The Shoshone Power Plant placed a call on the Colorado River from November 1, 1994, through January 3, 1995. The call was taken off on January 4, 1995, when the plant capacity was reduced for routine maintenance. The Shoshone call came back on on February 28, 1995 and stayed on until May 12, 1995, at which time the call went off due to high flows of spring runoff. The high snowpack kept the water supply above the demand for the remainder of the 1995 water year and no further calls were placed at the power plant.

3. Involvement in the Water User Community

Bench-Bar Committee involvement and water SWAT team meetings are water-user community efforts at solving water issues. Efforts to identify and address water conservation (salvage) in the Grand Junction area are under way with a Memorandum of Agreement (MOA) and frequent meetings with the USBR, Colorado Water Conservation Board, Colorado River Water Conservation District, and SEO personnel.

The Division Engineer has been carefully reviewing each new augmentation plan. It is imperative that he work with applicants' engineers and attorneys to make these plans acceptable for water administration. Establishment of accounting procedures for each is of utmost importance. Many, many problems and misconceptions have been resolved before decrees were signed.

The water issue that took the most meeting and review time this year was the minimum stream flow filings in the 15-Mile Reach. Court Case 95CW296 and 95CW297 are extremely complicated. They involve an attempt to allow all development under the Colorado River Compact while carving out amounts for minimum stream flows. Deadlines under the Endangered Fish Recovery Program have driven this effort.

The Division office continues to facilitate usage of our records and data by the public. The more accurate tabulation, decree books with indexes, updated structure lists, well permit information, organized diversion data, combined with a concerted effort to assist anyone with questions has brought this about. The office provides a convenient place for them to work.

Specific meetings were held with: Mesa and Spring Creek water users, Bull Creek water users, Mesa County Planning Association, Big Creek water users, Pitkin County and Aspen planners and attorneys, realtor groups, Well Drillers Association, Northwest Council of Governments, Colorado River Water Conservation District, U.S. Bureau of Reclamation, Denver Water Conservation Board, Northern Colorado Water Conservancy District, West Divide Water Conservancy District, Collbran Water Conservancy District, Basalt Water Conservancy District, and numerous ditch companies.

4. Water Issues Not Addressed

New diversion demands on a limited water supply are creating additional pressure on the resource.

a. Currently the cost/benefit ratio of agriculture is marginal. Therefore, there is little incentive to use water and maintain agriculture as historically practiced. As a result ranches are being divided up into smaller acreages. Growth pressures are driving this process even faster. This is our Number One issue. It's said, with some sadness I think, that much of our agricultural land is raising its last crop: "condos."

b. The rapid growth in the high country and associated ski industry demands, including water for snowmaking [many court cases as well as the Summit County, Clinton Reservoir, and Fraser River agreements are examples], has necessitated not only more augmentation plans but increasingly complex augmentation plans requiring more manpower and expertise in administration.

c. East Slope demands such as Windy Gap, Northern Colorado's major transmountain water diversion, will eventually effectively deplete any excess water in the Upper Colorado River, requiring more stringent administrative practices. The exchange pool from Windy Gap for the Middle Park Water Conservancy District will create additional measurements and accounting to track water exchanged up the Blue River for snowmaking and municipal uses. We are even seeing pipelines heading south from the Colorado-Big Thompson and use changes occurring on the Eastern Slope with transmountain water.

d. Previously, agreements were signed with Summit County enabling augmentation plans and growth to proceed in the Upper Blue River with a uniform approach and protection for Denver water rights. Those have run headlong into minimum streamflow filings by the Water Conservation Board. This will create need for careful winter administration of the exchanges involved. The concept is there but not the mechanism for accounting.

e. A major agreement was worked out which basically gives Western Colorado a number of storage reservoirs for their usage, gives Northern Colorado several storage reservoirs for their replacement usage, and gives the Denver Metro area use of the Blue River and Williams Fork River, including Green Mountain Reservoir. Fortunately, all of this will be developed very slowly which gives us time to work out the administrative details. Wolford Reservoir is currently beginning to fill at Kremmling.

f. The entry and demise of the oil shale industry has affected Div. 5. Conditional water rights have been left undeveloped; water rights that were transferred from agriculture to industrial uses have been left standing; and once farmed lands are turning to sagebrush. Oil prices will rise again and therefore the industry is protecting its rights but the population growth pressures from oil shale development have been replaced by pressures from the tourism/recreation industry.

g. Further downstream the Central Arizona Project is using more water and so far has taken it from California. Someday this will affect administration in Colorado also and we should be prepared for it.

h. San Diego, Las Vegas, and other cities are looking for water with interstate sales and transfers being actively contemplated. One of these proposals is combined with (f) above and is called The Roan Creek Project. "Las Vegas will build Chevron Oil's reservoir near DeBeque and use the water for 50 years until needed in Colorado." The governor's office and the Colorado Water Conservation Board are opposed to this proposal. It's my understanding that several other agreements have been signed and are being reviewed by the Basin states.

i. Finally, as economics and/or quality issues dictate water conservation efforts or as water conversion takes place, hard decisions will have to be made as to how to handle the windfall of freed water. Lacking legislative action, existing law will prevail with either a water transfer application or administrative action triggering court involvement.

   - The Grand Valley Salinity Project is freeing water historically returned to the river as runoff. What should or will happen to the water historically called that will not be needed for decreed use? The environmental, political, legal, and socioeconomic issues of this problem are major. The feds and Colorado Water Conservation Board assume the "conserved" water will automatically go to the endangered fish in the 15-mile reach.

   - As each change of water right takes place, no matter what the size or location, the same windfalls are potentially available for salvaged and saved water.

5. Effects of Workload Changes and/or Administrative Limitations on Operations

The following paragraphs will begin to change as I just received word last week that the legislature approved 3 new FTE's for Water Division 5. The plan is to hire employees that will address them: 2 techs devoted to dam safety, augmentation plans, and tabulation backlogs; and 1 FTE split out to provide additional water commissioner coverage in the field.

The increased efforts in communications within and outside of the agency as well as expanded public interaction takes time but pays dividends in acceptance by the water-using public. In these times of funding shortages and personnel cuts, this will be harder to do.

Additional water rights add to the administrative and record keeping processes each year. They also require vast amounts of personnel time in their investigation and decretal process (333 decrees this year involving 1242 structures).

The recent agreement to provide quality control for GIS irrigated acreage assessment with the USBR tied up a lot of water commissioner time. However, the CRDSS acreage and QA/QC data clean-up efforts will benefit us all.

The reassignment of reservoir inspections for Districts 50 and 51 was absorbed by other Division 5 personnel as reservoir/dam safety engineer was already functioning beyond a reasonable limit. This shortened the time for tabulation of rights.

Additional items not updated as needed are: (1) The structure lists are outdated; (2) The tabulation is only complete to 1988; (3) Augmentation plans haven't been tabulated in several districts and need redone in all; (4) Accounting for augmentation usage is poor in some districts and non-existent in others.

The Fair Labor Standards Act (FLSA) forced a real change in work patterns that we are still struggling with. Water runs by natural occurrences and, therefore, working with it doesn't fit a nice "8-to-5" pattern or a 5-day work week or even a 280-day evenly distributed work year. All kinds of prior efficiencies are disrupted.

Impact of the Budgets on Operations

Perhaps our most immediate need is for additional clerical staff. We have covered for the last several years by arranging to use three months' vacancy savings from other areas. In 1991 three months were specifically set aside for this purpose but were lost to legislative cuts. Additionally this year a retirement position will be elsewhere covered and those 3 man-months will be converted to clerical staff.

We do not have enough FTE's to put Water Commissioners in each water district. Additionally, 11 of the 17 water commissioners are part-time employees and the seasonal nature of their employment severely hampers the updating of structure lists, administrative lists, tabulations, maps or any other non-direct water administration activity. Another problem is that as the jobs are becoming more complex, adequate training is harder to achieve. The pressure for part-timers to seek full-time employment is a problem. Two-thirds of the Water Commissioner work force is in this situation.

Not only were we short in human resources but operating funds were precariously low. We had only enough to provide us with minimal supplies. High-tech machinery required to operate is costly. Inflationary replacement costs are the biggest budget busters with telephone, FAX, and copy machine taking an increasingly larger bite.

In travel, we curtailed on a percentage basis from previous years' expenditures. It is in this area that it's easiest to make up deficiencies. As we travel less, we will have to rely on other avenues for information. We received additional travel money but with FLSA and other must-do time users, such as time sheets and PDQ reports, travel workload cannot be maintained. We've opted to use more user-supplied data.

For the fifth year in a row expenditures matched the budget; however, mileage was adjusted to provide all the needed other operating items. This is a very undesirable situation. We have to be adding money for mileage so that the Water Commissioners can do their job but we also have to have the time for them to work.

Operational Concerns

In order of importance based on what happened last year, I believe that toeing the line on expenditures will be more difficult without decreasing service. Training needs of the new employees will be critical, or even more critical: how do we provide service without the employees?

Field inspections regarding abandonments, water right applications, and well replacements will also be costly, time consuming, and necessary.

Quality control and data handling capability with systems designed for user-supplied data is becoming increasingly important and will receive attention.

The Fair Labor Standards Act (FLSA) was imposed last year with unknowns on how it would affect us. It was hoped that additional mileage and overtime funded would balance the impacts. I now believe that regular operating was also affected and that some of the travel and overtime money needs to be reallocated to regular operating.

B. 1996 WATER YEAR

1. Key Objectives

Our objectives are quite broad, yet simply stated are as follows:

p Water Rights Management

-- Establish the capability to administer a total river call prompted by either in-state priorities or an interstate water compact requirement.

-- Uphold all other statutory duties of the State Engineer's Office.

p Water Records and Information

-- Provide the public with service regarding water usage.

-- Address the public's needs in water resources.

In order to fulfill these Objectives, the following Goals must be attained or maintained:

-- It is imperative that we have a complete and reliable tabulation of water rights. (We should have a complete and reliable tabulation of permitted wells and, likewise, a complete and reliable dams database.)

-- All water usage and consumption must be inventoried and we need to possess the ability to monitor the same on a real-time basis.

-- We need to know where augmentation and exchanges are taking place and in what amounts.

-- We must know the locations and amounts of the water supply at any given time.

-- We have to fully develop our personnel and must have an educated public willing to cooperate with us. We must also work with the legislature and other governmental agencies in order to provide for our needs.

We can begin to reach these goals as more of the Work Projects below are completed.

a. Projected Work Items for 1996

The usual business of:
Administration of water rights,
Collecting and recording diversion data,
Reservoir inspections,
Well inspections,
Reviewing water rights applications.

The following are specialized **Work Items for 1996 and beyond**:

(1) Train Water Commissioners in:

-- Standardization of municipal record keeping.
-- Field inspecting augmentation plans.
-- Creating schematics and coding for augmentation plans.

(2) Inventory all fee wells and generate records. (Proposal to spend SB-200 funds to accomplish was not funded)

-- Determine locations and establish mapping accordingly.
-- Determine usage.
-- Determine compliance with permit and decree.
-- Prepare ownership directory.
-- Send orders.
-- Sort WELLBROW database for fee wells and cross reference for ID's.
-- Establish GIS subdivision layer.
-- Establish GIS to plot map layer.

(3) Lower the "NUC - No Information Available" level by 30 in each Water District.

(4) For Augmentation Plans:
-- Finish tabulation of augmentation plans (all districts complete but WD 36 & WD 38).
-- Establish an augmentation plan database that can be used for administration.
-- Establish an accounting system for each active augmentation plan (for one major and five minor augmentation plans per district each year).
-- Install control structures and measuring devices as necessary.
-- Obtain field data.
-- Administer.

(5) Develop computer accounting spreadsheets for:

-- Vidler Tunnel Project

(6) Design system to solicit user-supplied information on wells and ground water diversions. (Proposal to spend SB-200 funds to accomplish)

b. Problems, Concerns, Limitations to Overcome

The main concern is the reduced ability of the staff to accomplish all that needs to be done in almost any area. The continuing areas of concern are:

-- Staff to handle the river accounting along with aug plan accounting and data user-supplied disks for some.

-- Number and complexity of Augmentation Plans are prohibitive to administer with existing staff until software and databases are developed along with appropriate accounting sheets.

-- Some work is still needed on the tabulation. We need to include augmentation entries for Districts 36 and 38 and revise for all others.

-- Fifteen percent of diversion structures have no record at all, while others are very minimal with a smattering of user-supplied data.

-- Active administration of springs, wells, and gravel pits will be difficult as well as counterproductive if water volume were the main criteria.

-- Staff gages and capacity tables are still needed for many reservoirs.

-- Well inspections need to be increased as inconsistencies are increasingly evident.

-- Budget constraints are deepening for ordinary operating monies.

-- Judicial decisions (while much better) continue to be made with immediate caseload efficiency in mind rather than astute sensitivity to water laws wherein stipulated settlements are reached.

-- Referee is training on the job; is willing to get rulings correct but does little investigating of facts. Our field investigations are increasingly important.

2. Changes That Will Impact The Division

   a. The Number One issue in Colorado this year seems to be population growth. That coupled with continued pressure to shift water uses to environmental protection mandate better efficiencies with less wasteful consumption. Water administration will have to become more of an exact science with better equipped and trained administrators. The CRDSS program is heading us in that direction and will be a great tool when fully developed.

   b. The learning curve is difficult as is the ability of Denver and Division staff to provide support to water commissioners with their new PC's. However, as programs are written, knowledge is gained and phone line communications are installed (WAN System). These PC Tool Kits are going to dramatically improve our collective ability to function in the future. These arrived in October of 1995 and are a real positive step.

   c. Effective July 1, 1996, will be the hiring of 3 new FTE's. Properly funded, trained and managed, these three positions will go a long way toward solving many of the above listed problems (opportunities).

1995

TRANSMOUNTAIN DIVERSION SUMMARY - INFLOWS

RECIPIENT								SOURCE		
WD	ID	Name	Stream	10-Year Average		Current Year		WD	ID	Stream
				AF	Days	AF	Days			
36	4677	ARKANSAS WELL	TENMILE CREEK	88.2	166	184.0	365	11		ARKANSAS RIVER
37	4677	ARKANSAS WELL	EAST FK EAGLE RIVER	6.6	12.1	37.6	90	11		ARKANSAS RIVER
38	4682	ROARING FORK BYPASS FLOW	ROARING FORK RIVER	1667.0	314	2284.0	317	11		TWIN LAKES
45	4657	DIVIDE-HIGHLINE FEEDER	DIVIDE CREEK	1,530.0	56	442.1	24	40		CLEAR FK MUDDY CREEK
50	4600	SARVIS CREEK DITCH	RED DIRT CREEK	1,239.0	182	0.0	0	58		SARVIS CREEK
53	4716	DOME CREEK DITCH	EGERIA CREEK	268.6	50	566.4	81	58		BEAR CREEK
53	4715	STILLWATER DITCH	EGERIA CREEK	2,024.2	101	2761.4	107	58		BEAR CREEK
72	4713	REDLANDS POWER CANAL	COLORADO RIVER	534,018.0	356	536,574.1	356	42		GUNNISON RIVER
72	4711	GRAND JUNCTION MUNICIPAL	COLORADO RIVER	6,643.8	365	5,787.0	365	42		KANNAH CREEK
72	4712	FRUITA WATER WKS (NOT USED)	COLORADO RIVER	39.6	37	0.0	0	73		LITTLE DOLORES RIVER
					TOTAL:	548,636.6				

1995

TRANSMOUNTAIN DIVERSION SUMMARY - OUTFLOWS

RECIPIENT								SOURCE		
WD	ID	Name	Stream	10-Year Average		Current Year		WD	ID	Stream
				AF	Days	AF	Days			
7	4658	STRAIGHT CREEK TUNNEL	CLEAR CREEK	450	328	324	365	36		STRAIGHT CRK
7	4626	VIDLER TUNNEL	CLEAR CREEK	764	94	760	57	36		SNAKE RIVER
23	4685	BOREAS PASS DITCH	TARRYALL CREEK	75	30	0	0	36		BLUE RIVER
23	4699	HOOSIER TUNNEL	MAIN FK SO. PLATTE RIVER	10,339	149	5,120	152	36		BLUE RIVER
80	4684	ROBERTS TUNNEL	MAIN FK SO. PLATTE RIVER	56,865	226	52,530	225	36		BLUE RIVER
11	4641	COLUMBINE DITCH	TENNESSEE CREEK	1,563	102	2,390	61	37		SO. FK EAGLE RIV
11	4642	EWING DITCH	TENNESSEE CREEK	1,022	131	1,410	70	37		SO. FK EAGLE RIV
11	4614	HOMESTAKE TUNNEL	SO. PLATTE VIA ARKANSAS RVR	25,607	111	23,505	82	37		HOMESTAKE CRK
11	4648	WURTZ DITCH	TENNESSEE CREEK	2,283	105	4,241	67	37		SO. FK EAGLE RIV
11	4625	BOUSTEAD TUNNEL	LAKE FORK CREEK	48,660	227	91,300	365	38		FRYING PAN RIV
11	4613	BUSK-IVANHOE TUNNEL	LAKE FORK CREEK	4,734	170	5,872	132	38		FRYING PAN RIV
11	4617	TWIN LAKES TUNNEL	LAKE FORK CREEK	42,385	355	33,120	365	38		ROARING FK RIV
3	4601	GRAND RIVER DITCH	CACHE LA POUDRE RIVER	20,376	135	20,074	103	51		NO. FK COLO RIV
4	4602	EUREKA DITCH	CACHE LA POUDRE RIVER	42	27	0	0	51		NO. FK COLO RIV
4	4634	ALVA B ADAMS TUNNEL	BIG THOMPSON RIVER	235,872	358	225,000	365	51		NO. FK COLO RIV
6	4655	MOFFAT TUNNEL	BOULDER CREEK	55,606	346	24,670	365	51		FRASER RIVER
7	4625	BERTHOUD PASS DITCH	CLEAR CREEK	706	87	815	71	51		FRASER RIVER
6	505	AUGUST P GUMLICK TUNNEL	BOULDER CRK VIA FRASER RIVER	INCLUSIVE IN MOFFAT TUNNEL				51		WMS FORK RIVER
6	4603	VASQUEZ PIPELINE	BOULDER CRK VIA FRASER RIVER	INCLUSIVE IN MOFFAT TUNNEL				51		WMS FORK RIVER
40	758	LEON TUNNEL CANAL	SURFACE CREEK	1,768	84	1,727	58	72		LEON CREEK
					TOTAL:	492,858.0				

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
36	3533	BLACK LAKE	BLACK CREEK	1,997.2	11/01/94	1,997.2	10/31/95	1,997.2
	3535	BUFFEHR ENLG RESERVOIR	TENMILE CREEK	4.0	8/31/95	103.0	6/30/95	4.0
	3538	CATARACT LAKE	CATARACT CREEK	1,652.8	11/01/94	1,652.8	10/31/95	1,652.8
	3575	CLINTON GULCH RESERVOIR	TENMILE CREEK	3,581.0	5/31/95	4,401.0	8/31/95	4,339.0
	4512	DILLON RESERVOIR BRDP	BLUE RIVER	182,855.0	5/31/95	258,313.0	7/31/95	251,415.0
	3542	GOOSE PASTURE TARN	BLUE RIVER	922.0	11/01/94	922.0	10/31/95	922.0
	3543	GREEN MOUNTAIN RES	BLUE RIVER	62,537.0	5/01/95	151,210.0	9/01/95	149,847.0
	3548	HOAGLAND RESERVOIR NO 1	ELLIOTT CREEK	45.0	8/25/95	110.0	7/26/95	50.0
	3643	KEYSTONE POND	SNAKE RIVER	100.0	11/01/94	100.0	10/31/95	100.0
	3606	OFFICER GULCH POND	TENMILE CREEK	100.0	11/01/94	100.0	10/31/95	100.0
	3565	REYNOLDS RESERVOIR	SODA CREEK	20.0	11/30/94	174.0	5/25/95	125.6
	3569	UPPER BLACK CREEK RES	BLACK CREEK	273.0	11/01/94	273.0	10/31/95	273.0
	3570	UPPER BLUE LAKE RES	BLUE RIVER	0.0	11/01/94	2,119.3	7/31/95	968.4
	3571	WAY RESERVOIR	BEAVER CREEK	60.0	11/01/94	94.0	6/05/95	65.0
36		Total of All Others < 50 AF		178.2		265.2		199.0
36		Total For District 36		254,325.2	0.00	421,834.5	0.00	412,058.0

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RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
37	3600	BENCHMARK LAKE	EAGLE RIVER	125.0	11/01/94	125 0	11/01/95	125.0
	3608	BLACK LAKE	GORE CREEK	326.0	11/01/94	326 0	10/31/95	326.0
	3510	BLACK LAKE NO 2	GORE CREEK	90.0	11/01/94	90 0	10/31/95	90.0
	3698	BOLTS LAKE	CROSS CREEK	34.0	01/01/95	38 0	11/01/94	34.0
	3513	CHALK MOUNTAIN RESERVOIR	EAGLE RIVER	167.2	2/01/95	240 9	10/31/95	240.9
	3699	CLIMAX MOLY NO 4 RES	EAGLE RIVER	0.0	11/01/94	0 0	10/31/95	0.0
	4516	HOMESTAKE RESERVOIR	HOMESTAKE CREEK	13,309.0	5/01/95	42,881.1	8/01/95	42,881.1
	3520	L E D E RESERVOIR	GYPSUM CREEK	100.0	11/01/94	321.0	7/11/95	321.0
	3522	NOECKER RESERVOIR	EBY CREEK	2.0	10/31/95	174.0	6/05/95	2.0
	3524	O Z LAKE (aka Sylvan Lake)	BRUSH CREEK	452.0	11/01/94	452.0	10/31/95	452.0
	3527	ROBINSON RESERVOIR	EAGLE RIVER	1,800.0	11/01/94	2,000 0	8/17/95	2,000.0
	3530	WELSH RESERVOIR	ALKALI CREEK	0.0	11/01/94	102.0	7/05/95	55.0
37		Total of All Others < 50 AF		70.7		118.0		116.9
37		Total for District 37		16,475.9		46,868.0		46,643.9

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RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
38	3711	ALICIA LAKE RESERVOIR	LIME CREEK	673.0	11/01/94	673.0	10/31/95	673.0
	4000	BEAVER LAKE	CRYSTAL RIVER	20.0	6/14/95	73.0	11/01/94	73.0
	3722	CONSOLIDATED RESERVOIR	WEST COULTER CREEK	6.0	11/01/94	866.0	5/16/95	366.0
	3774	CRAWFORD DAM NO 1	BLUE CREEK	160.0	11/01/94	160.0	10/31/95	160.0
	3773	CRAWFORD DAM NO 2	BLUE CREEK	56.0	11/01/94	56.0	10/31/95	56.0
	3721	CROOKED CREEK RES	LIME CREEK	40.0	11/01/94	40.0	10/31/95	40.0
	4087	CRYSTAL SPRING LAKE	CRYSTAL SPRING	72.0	11/01/94	72.0	10/31/95	72.0
	4095	FLANNERY RESERVOIR	THREE MILE CREEK	20.2	11/01/94	52.1	10/31/95	52.1
	3727	HIMMELAND LAKE	FRYING PAN RIVER	92.0	11/01/94	92.0	10/31/95	92.0
	3729	HUGHES RESERVOIR	THREE MILE CREEK	85.0	11/01/94	89.5	5/05/95	89.5
	3732	IVANHOE RESERVOIR	FRYING PAN RIVER	246.0	11/01/94	1200.0	7/12/95	246.0
	3832	JACOBSEN LAKES & PONDS	ROARING FORK RIVER	225.0	11/01/94	225.0	10/31/95	225.0
	4154	KODIAK LAKE	ROARING FORK RIVER	60.0	11/01/94	60.0	10/31/95	60.0
	3736	LAKE ANN RESERVOIR	SOPRIS CREEK	0.0	11/01/94	436.0	6/24/95	0.0
	3835	LAKE DEBORAH	SNOWMASS CREEK	50.0	11/01/94	50.0	10/31/95	50.0
	3955	MCNULTY RES NO. 2	SHIPPEE RUN CREEK	63.0	10/31/95	72.0	6/03/95	63.0
	3740	RALSTON RESERVOIR	COULTER CREEK	0.0	11/01/94	80.0	5/28/95	5.0
	3713	RUEDI RESERVOIR	FRYING PAN RIVER	62,024.0	4/05/95	103958.0	7/14/95	93,763.0
	3744	SPRING PARK RESERVOIR	CATTLE CREEK	148.8	11/01/94	1747.0	5/12/95	416.0
	3747	THOMAS RESERVOIR	THOMAS CREEK	160.0	11/01/94	160.0	10/31/95	160.0
	3753	UPPER CHAPMAN RES	FRYING PAN RIVER	119.0	11/01/94	119.0	10/31/95	119.0
	3750	VAN-CLEVE FISHER RES	MESA CREEK	0.0	11/01/94	553.0	6/02/95	316.0

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
38	3752	VON SPRINGS RESERVOIR	SNOWMASS CREEK	0.0	11/01/94	125.0	05/05/95	20.0
	3759	WILDCAT RESERVOIR	SNOWMASS CREEK	1100.0	11/01/94	1100.0	10/31/95	1100.0
	3760	WOODS LAKE RESERVOIR	LIME CREEK	300.0	11/01/94	300.0	10/31/95	300.0
38		Total of All Others < 50 AF		526.8		726.7		621.3
38		Total for District 38		66,246.80		113,085.30		99,137.90

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RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
39	3927	CITY OF RIFLE POND NO 1	COLORADO RIVER	64.0	10/31/95	112.0	6/01/95	64.0
	3505	GRASS VALLEY RESERVOIR	RIFLE CREEK	658.0	11/01/94	5,800.0	5/01/95	3,084.0
	3506	HARRIS RESERVOIR	WEST RIFLE CREEK	180.0	11/01/94	200.0	6/01/95	180.0
	3940	MEADOW CREEK RESERVOIR	ELK CREEK	885.6	11/01/94	984.0	6/01/95	885.6
	3941	MIDDLE FORK RESERVOIR	PARACHUTE CREEK	85.0	11/01/94	100.0	6/01/95	85.0
	3507	PARK RESERVOIR	WEST ELK CREEK	0.6	11/01/94	140.0	4/15/95	0.0
	3508	RIFLE GAP RESERVOIR	RIFLE CREEK	4,141.0	11/01/94	12,493.0	7/01/95	8,642.0
39		Total of All Others < 50 AF		57.1		121.9		78.5
39		Total for District 39		6,071.30	0.00	19,950.90	0.00	13,019.10

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RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
45	3603	PORTER RESERVOIR	EAST AKALI CREEK	19.6	11/01/94	206	5/15/95	49.0
45		Total of All Others < 50 AF		30.2		83.6		31.2
45		Total For District 45		49.80	0.00	289.60	0.00	80.20

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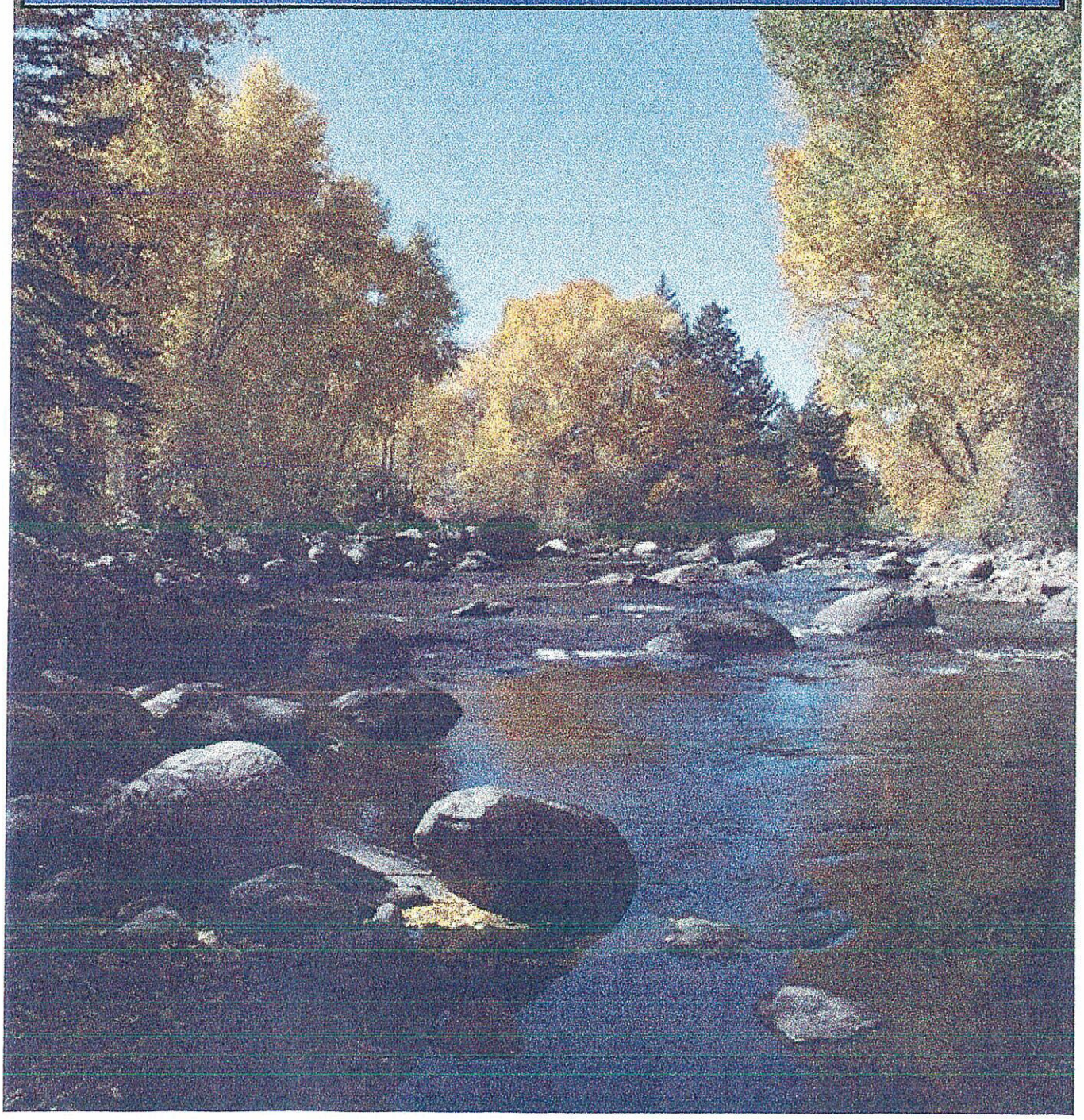
RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
50	3644	ALBERT RESERVOIR	ALBERT CREEK	0.0	11/01/94	126.0	6/12/95	20.0
	3606	ANTELOPE RESERVOIR	ANTELOPE CREEK	25.0	11/01/94	346.0	5/08/95	121.0
	3651	BASIN RESERVOIR	MUDDY CREEK	0.0	7/30/95	59.0	6/01/95	1.0
	3645	BINCO RESERVOIR	ALBERT CREEK	0.0	11/01/94	517.0	6/12/95	100.0
	3618	HINMAN RESERVOIR	PASS CREEK	300.0	8/14/95	611.0	5/31/95	385.0
	3623	LAKE AGNES	MUDDY CREEK	400.0	11/01/94	432.0	5/15/95	400.0
	3646	MARTIN RESERVOIR	COLBURN CREEK	25.0	11/01/94	180.0	4/25/95	180.0
	3625	MATHESON RESERVOIR	TROUBLESOME CREEK	0.0	11/01/94	1,073.0	6/13/95	960.0
	3627	MC ELROY RESERVOIR	PASS CREEK	0.0	11/01/94	240.0	4/28/95	0.0
	3629	MC MAHON RESERVOIR NO 2	RED DIRT CREEK	300.0	11/01/94	3,500.0	6/11/95	1500.0
	3655	MILK CREEK RESERVOIR	MILL CREEK	30.0	11/01/94	100.0	5/26/95	32.0
	3656	NORTH MEADOW RESERVOIR (aka Martin Lily Pond)	MUDDY CREEK	0.0	11/01/94	200.0	6/20/95	0.0
	3631	OAKS RESERVOIR	MILL CREEK	8.0	11/01/94	536.0	6/06/95	12.0
	3632	PARSONS RESERVOIR	CARTER CREEK	0.0	11/01/94	107.0	6/06/95	40.0
	3642	WHITELEY PEAK RESERVOIR	DIAMOND CREEK	250.0	11/01/94	773.0	5/13/95	250.0
	3643	WOODS RESERVOIR	DUNNING CREEK	15.0	11/01/94	36.0	7/06/95	33.0
	3666	DOCUMENT LAKE	MUDDY CREEK	180.0	11/01/94	220.0	7/05/95	180.0
50		Total of All Others < 50 AF		92.9		344.6		165.9
50		Total For District 50		1,625.9	0.00	9,400.6	0.00	4,379.9

1995 Annual Report

DIVISION V
WATER RESOURCES



RESERVOIR STORAGE SUMMARIES BY DISTRICT

1995				AMOUNT IN STORAGE (AF)				
WD	ID	RESERVOIR NAME	SOURCE STREAM	Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
51	4006	BULL RUN CREEK RESERVOIR	BULL RUN CREEK	80.0	11/01/94	125.0	06/09/95	95.0
	4055	CBT GRANBY RESERVOIR	COLORADO RIVER	269,189.0	04/02/95	538,310.0	07/23/95	519,549.0
	3695	CBT SHADOW MOUNTAIN GRAND LAKE	COLORADO RIVER	16,402.0	06/18/95	18,166.0	01/04/95	17,984.0
	3710	CBT WILLOW CREEK RESERVOIR	WILLIAMS FORK RIVER	7,136.0	11/19/94	10,212.0	07/22/95	7,599.0
	4012	COTTONWOOD RESERVOIR	GARDINER CREEK	39.0	07/01/95	60.0	11/01/94	39.0
	3715	EAST BRANCH RESERVOIR	UTE CREEK	1,200.0	10/05/95	2,000.0	06/02/95	1,550.0
	3660	F W LINKE NO 2 RESERVOIR	TEN MILE CREEK	0.0	11/01/94	43.6	05/31/95	0.0
	3665	HANKINSON RESERVOIR	FRASER RIVER	116.0	11/01/94	116.0	11/01/94	116.0
	4009	JACK ORR RESERVOIR	COLORADO RIVER	NO INFORMATION AVAILABLE				
	3752	KINGS RESERVOIR	BUFFALO CREEK	233.1	05/01/95	635.3	06/11/95	319.1
	3679	LANGHOLEN RESERVOIR	BATTLE CREEK	9.0	11/01/94	65.0	06/02/95	9.0
	3686	MEADOW CREEK RESERVOIR	MEADOW CREEK	11.0	11/27/94	5,323.0	07/17/95	1,209.0
	3687	MOORE RESERVOIR	WILLIAMS FORK RIVER	45.0	11/01/94	150.0	06/09/95	51.0
	3688	MUSGRAVE RESERVOIR	ROCK CREEK	5.0	11/01/94	350.0	06/02/95	130.0
	3693	ROCK CREEK RESERVOIR	ROCK CREEK	0.0	11/01/94	0.0	06/01/95	0.0
	3694	SCHOLL RESERVOIR	CORRAL CREEK	0.0	11/01/94	275.0	06/15/95	60.0
	4051	SUN VALLEY RESERVOIR	NO. FORK OF COLO RIVER	72.0	11/01/94	72.0	06/01/95	72.0
	3701	SYLVAN RESERVOIR	LITTLE MUDDY CREEK	0.0	11/01/94	1,080.0	06/15/95	0.0
	3738	UTE CREEK RESERVOIR	UTE CREEK	60.0	11/01/94	100.0	06/02/95	70.0
	3709	WILLIAMS FORK RES	WILLIAMS FORK RIVER	66,014.0	11/07/94	97,590.0	07/13/95	92,676.0
51		Total of All Other Reservoirs Less Than 50 AF		183.9		376.8		202.9
51		TOTAL FOR DISTRICT 51		360,795.0		675,049.7		641,731.0

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RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
52	3940	JONES RESERVOIR	HENRY CREEK	42.5	09/15/95	69.2	06/05/95	42.5
	3949	ROCK GAP DAM	HARTMAN GULCH	30.0	11/01/94	50.0	11/31/95	50.0
52		Total of All Others < 50 AF		129.7	-	187.8		134.7
52		Total For District 52		202.9	-	307.0		227.2

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
53	3959	CLYDE RESERVOIR	EGERIA CREEK	0.0	11/01/94	66.0	06/06/95	0.0
	3960	CRESENT LAKE RESERVOIR	DERBY CREEK	39.0	11/01/94	237.0	06/22/95	138.0
	3961	ED W HARPER RESERVOIR	EGERIA CREEK	57.0	11/01/94	194.0	06/06/95	70.0
	3962	EGERIA RESERVOIR	EGERIA CREEK	0.0	11/01/94	107.0	06/06/95	0.0
	3966	GRIMES BROOKS RESERVOIR	RED DITCH CREEK	0.0	10/31/95	408.0	07/06/95	0.0
	3968	HADLEY RESERVOIR	EGERIA CREEK	0.0	11/01/94	164.0	07/24/95	83.0
	3971	HEART LAKE RESERVOIR	DEEP CREEK	2,443.0	10/31/95	3,060.0	08/19/95	2,443.0
	3972	HIDDEN SPRINGS RESERVOIR	HORSE CREEK	50.0	11/01/94	50.0	10/31/95	50.0
	3974	JONES NO 1 RESERVOIR	SHEEP CREEK NO 2	0.0	11/01/94	240.0	06/02/95	60.0
	3975	JONES NO 2 RESERVOIR	SHEEP CREEK NO 2	49.0	11/01/94	390.0	05/19/95	293.0
	3978	KELLY RESERVOIR	EGERIA CREEK	124.0	10/31/95	195.0	06/06/95	124.0
	3982	LUARK RESERVOIR	SPRING CREEK	0.0	11/01/94	90.0	06/22/95	42.0
	4020	MACKINAW LAKE RES NO 2	DERBY CREEK	6.0	11/01/94	138.0	06/22/95	128.0
	3986	MORRIS RESERVOIR	TOPONAS CREEK	0.0	11/01/94	75.0	06/06/95	0.0
	3988	NEWTON GULCH RES	KING CREEK	0.0	11/01/94	114.0	06/06/95	0.0
	3992	REID NO 3 RESERVOIR	EGERIA CREEK	50.0	10/31/95	93.0	11/01/94	50.0
	3995	STERNER RESERVOIR	EGERIA CREEK	0.0	11/01/94	195.0	06/06/95	0.0
	3997	SWEETWATER RESERVOIR	SWEETWATER CREEK	490.0	11/01/94	490.0	10/31/95	490.0
	3999	TONIER GULCH RES	TOPONAS CREEK	10.0	11/01/94	60.0	06/06/95	30.0
	4001	TOPONAS ROCK NO 2 RES	TOPONAS CREEK	129.0	11/01/94	196.0	06/06/95	137.0
	4004	WOHLER RESERVOIR	ELK CREEK	24.0	11/01/94	82.0	07/06/95	70.0
53		Total of All Others < 50 AF		137.9	-	434.5	-	258.2
53		Total for District 53		3,608.9	-	7,078.5	-	4,466.2

1995

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SCURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
70	–	–	–					
70		Total of All Others < 50 AF						
70		Total For District 70				0.0		0.0

There are no reservoirs in WD 70 in 1995.

RESERVOIR STORAGE SUMMARIES BY DISTRICT

1995				AMOUNT IN STORAGE (AF)				
WD	ID	RESERVOIR NAME	SOURCE STREAM	Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
72	3833	ANDERSON BROS RES NO 1	LEON CREEK	0.0	11/01/94	216.3	06/15/95	0.0
	3887	BIG BEAVER RESERVOIR	BULL CREEK	0.0	11/01/94	126.7	05/06/95	0.0
	3904	BIG CREEK NO 1 RESERVOIR	BIG CREEK	NOT USEABLE--UNDER RECONSTRUCTION				
	3905	BIG CREEK NO 3 RESERVOIR	BIG CREEK	618.0	05/15/95	1,545.4	11/01/94	1,545.4
	3906	BIG CREEK NO 4 RESERVOIR	BIG CREEK	0.0	12/20/94	188.4	06/29/95	146.0
	3907	BIG CREEK NO 5 RESERVOIR	BIG CREEK	0.0	04/03/95	104.6	11/01/94	74.1
	3909	BIG CREEK NO 7 RESERVOIR	BIG CREEK	425.5	06/01/95	1,222.6	06/12/95	897.7
	3841	BOB MC KELVIE RESERVOIR	PLATEAU CREEK	166.0	11/01/94	291.0	06/01/95	259.0
	3888	BULL BASIN NO 1 RES	BULL CREEK	34.2	11/01/94	124.2	04/20/95	124.2
	3889	BULL BASIN NO 2 RES	BULL CREEK	0.0	11/01/94	94.9	06/20/95	0.0
	3890	BULL CREEK NO 1 RES	BULL CREEK	0.0	11/01/94	60.0	03/18/95	0.0
	3891	BULL CREEK NO 2 RES	BULL CREEK	0.0	11/01/94	62.2	03/18/95	62.2
	3892	BULL CREEK NO 3 RES	BULL CREEK	0.0	11/01/94	52.5	03/18/95	0.0
	3893	BULL CREEK NO 4 RES	BULL CREEK	0.0	11/01/94	202.5	03/18/95	0.0
	3894	BULL CREEK NO 5 RES	BULL CREEK	58.2	11/01/94	260.0	03/18/95	78.9
	3834	COLBY HORSE PARK RES	LEON CREEK	117.9	09/30/95	490.1	05/30/95	117.9
	3883	COON CREEK NO 1 RES	COON CREEK	183.0	11/01/94	393.6	06/14/95	296.7
	3884	COON CREEK NO 2 RES	COON CREEK	0.0	11/01/94	195.0	06/14/95	0.0
	3885	COON CREEK NO 3 RES	COON CREEK	12.1	09/12/95	158.3	06/14/95	12.1
	3923	COTTONWOOD LAKE RES NO 1	COTTONWOOD CREEK	804.6	05/18/95	1,939.6	07/13/95	1,789.4
	3924	COTTONWOOD LAKE RES NO 2	COTTONWOOD CREEK	0.0	11/01/94	206.1	06/19/95	0.0
	3925	COTTONWOOD LAKE RES NO 4	COTTONWOOD CREEK	44.9	01/10/95	302.8	06/19/95	298.3
	3926	COTTONWOOD LAKE RESERVOIR NO 5	COTTONWOOD CREEK	0.0	02/23/95	342.3	06/26/95	342.3
	4065	CURRIER RESERVOIR NO 2	BUZZARD CREEK	NO INFORMATION AVAILABLE				
	3910	DAWSON RESERVOIR	BIG CREEK	0.0	11/01/94	213.4	06/15/95	169.3
	3920	ECHO LAKE RESERVOIR	BIG SALT WASH	0.0	11/01/94	86.0	10/31/95	86.0
	3914	GROVE CREEK RESERVOIR NO 1	GROVE CREEK	0.0	11/01/94	251.7	06/15/95	0.0
	3915	GROVE CREEK RESERVOIR NO 2	GROVE CREEK	0.0	11/01/94	75.5	06/15/95	0.0
72		Subtotal This Page		2,464.4		9,205.7		6,299.5

RESERVOIR STORAGE SUMMARIES BY DISTRICT

1995				AMOUNT IN STORAGE (AF)				
WD	ID	RESERVOIR NAME	SOURCE STREAM	Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
72	3849	HAWXHURST RESERVOIR	HAWXHURST CREEK	0.0	11/01/94	207.0	06/25/95	0.0
	3957	HIGHLINE RESERVOIR	COLORADO RIVER	2,380.0	08/15/95	2,675.0	05/06/95	2,675.0
	3929	JENSEN RESERVOIR	COTTONWOOD CREEK	0.0	11/01/94	86.2	06/14/95	86.2
	3961	JERRY CREEK RESERVOIR NO 1	PLATEAU CREEK	979.0	02/02/95	1,193.9	07/09/95	1,128.2
	3962	JERRY CREEK RESERVOIR NO 2	PLATEAU CREEK	5,804.3	02/01/95	6,247.4	11/18/94	6,179.2
	3837	KENDALL RESERVOIR	LEON CREEK	0.0	11/01/94	76.0	06/12/95	76.0
	3838	KIRKENDALL RESERVOIR	LEON CREEK	0.0	11/01/94	161.0	06/12/95	161.0
	3839	LEON LAKE RESERVOIR	LEON CREEK	73.2	11/01/94	111.0	06/09/95	45.5
	3895	LOST LAKE RESERVOIR	BULL CREEK	0.0	11/01/94	111.0	06/09/95	45.5
	3871	MESA CREEK NO 1 RESERVOIR	MESA CREEK	0.0	10/31/95	280.2	03/18/95	0.0
	3872	MESA CREEK NO 2 RESERVOIR	MESA CREEK	48.0	11/01/94	48.0	11/01/94	48.0
	3873	MESA CREEK NO 3 RESERVOIR	MESA CREEK	71.3	03/18/95	231.6	06/28/95	131.1
	3874	MESA CREEK NO 4 RESERVOIR	MESA CREEK	0.0	03/18/95	432.7	06/20/95	107.4
	3842	MONUMENT NO 1 RESERVOIR	LEON CREEK	36.0	11/01/94	572.0	06/12/95	532.0
	3843	MONUMENT NO 2 RESERVOIR	LEON CREEK	0.0	11/01/94	168.0	06/12/95	168.0
	3854	PALISADE CABIN RESERVOIR	RAPID CREEK	610.7	04/28/95	1,021.9	06/15/95	989.5
	3932	PARKER BASIN RESERVOIR NO 1	COTTONWOOD CREEK	0.0	12/12/94	271.6	06/19/95	271.6
	3933	PARKER BASIN RESERVOIR NO 2	COTTONWOOD CREEK	5.9	11/01/94	60.0	06/19/95	50.8
	3934	PARKER BASIN RESERVOIR NO 3	COTTONWOOD CREEK	62.9	01/10/95	400.0	06/26/95	185.8
	3858	RAPID CREEK NO 1 RESERVOIR	RAPID CREEK	NOT USEABLE--UNDER RECONSTRUCTION				
	3859	RAPID CREEK NO 2 RESERVOIR	RAPID CREEK	0.0	11/01/94	537.0	07/05/95	0.0
	3901	STUBB McKINNEY CLARK RESERVOIR	SPRING CREEK	20.7	11/01/94	204.8	06/14/95	90.5
	3931	T E KITSON RESERVOIR	COTTONWOOD CREEK	0.0	04/27/95	184.3	11/01/94	184.3
	3902	TWIN BASIN RESERVOIR	BULL CREEK	0.0	11/01/94	118.6	6/20.95	0.0
	3844	VEGA RESERVOIR	PLATEAU CREEK	5,366.0	11/01/94	34,757.0	07/09/95	13,049.0
	3919	Y. T. RESERVOIR	GROVE CREEK	0.0	11/01/94	130.0	06/05/95	66.5
72		Subtotal This Page		15,458.0		50,286.2		26,271.1
72		Subtotal Previous Page(s)		2,464.4		9,205.7		6,299.5
72		Total of All Other Reservoirs Less Than 50 AF		44.7		292.6		50.7
72		TOTAL FOR DISTRICT 72		17,967.1		59,784.5		32,621.3

DIVISION 5 -- 1995
WATER DIVERSION SUMMARIES

WD	STRUCTURES REPORTING			ALL OTHER STRUCTURES		ESTIMATED NUMBER OF VISITS TO STRUCTURE	TOTAL DIVERSIONS AF	TOTAL DIVERSIONS TO STORAGE AF	TO IRRIGATION		
	WITH RECORD (1)	NO WATER AVAILABLE (2)	NO WATER TAKEN (3)	NO INFO AVAILABLE (4)	NO RECORD (5)				TOTAL DIVERSIONS AF	NUMBER OF ACRES IRRIGATED	AVERAGE AF PER ACRE
36	214	1	146	71	174	3,881	840,540	189,951	81,905	12,843	6.38
37	252	0	238	159	346	2,304	180,642	32,783	102,834	14,363	7.16
38	1,256	6	181	817	318	5,121	659,937	48,646	273,561	40,648	6.73
39	487	2	161	100	199	376	191,853	15,012	128,359	21,868	5.87
45	583	14	112	5	114	2,671	139,655	408	130,907	26,667	4.91
50	168	1	23	16	23	1,399	125,197	42,209	78,999	21,982	3.59
51	343	1	167	185	201	16,350	1,145,184	352,825	151,397	29,265	5.17
52	102	0	25	54	69	414	30,404	159	29,215	5,241	5.57
53	265	0	131	16	86	1,412	895,342	4,258	111,490	21,017	5.30
70	209	19	38	2	102	631	49,310	39	47,575	6,792	7.00
72	548	9	135	349	351	6,230	2,127,263	47,496	832,430	129,531	6.43
TOTAL	4,427	53	1,357	1,774	1,983	40,789	6,385,327	733,786	1,968,672	330,217	5.83

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.

DIVISION 5 -- 1995
WATER DIVERSION SUMMARIES TO VARIOUS USES

WD	TRANSMOUNTAI OUTFLOW	TRANSBASIN OUTFLOW	MUNICIPAL	COMMERCIAL	INDUSTRIAL	RECREATION	FISHERY	DOMESTIC & HOUSEHOLD	STOCK
36	58,737	0	6,257	41	54	5,049	201	325	24
37	31,544	0	6,959	1	429	278	0	79	374
38	131,252	1,432	6,491	20	408	72	79,674	2,155	6,431
39	0	1,166	1,877	20	121	0	33,892	2,606	2,574
45	0	0	1,456	2	9	0	0	596	4,509
50	0	0	374	0	0	0	23	16	93
51	270,525	246	2,107	61	2,747	785	2,656	313	4,603
52	0	0	0	1	4	0	0	84	868
53	0	0	3,408	0	0	7	283	601	692
70	0	0	61	0	0	0	0	21	1,556
72	1,738	1,640	17,709	0	13,623	0	2,123	126	23,275
TOTAL	493,796	4,484	46,699	146	17,395	6,191	118,852	6,922	44,999

WD	AUGMENTATION	EVAPORATION	GEOTHERMAL	SNOWMAKING	MINUMUM STREAMFLOW	POWER GENERATION	WILDLIFE	RECHARGES	OTHER
36	662	8,213	0	1,199	0	483,364	0	0	1,558
37	416	523	0	191	0	0	0	0	4,231
38	2	2,372	0	87	2,284	99,229	0	0	5,821
39	46	305	0	0	0	165	0	0	5,710
45	7	170	0	0	0	52	0	0	1,539
50	0	58	0	0	0	0	0	0	3,425
51	1,352	25,635	0	268	0	70,270	0	0	259,394
52	0	69	0	0	0	0	0	0	4
53	0	1,116	1,060	0	0	753,954	0	0	18,473
70	0	38	0	0	0	0	0	0	10
72	683	2,625	0	0	0	514,061	0	0	669,007
TOTAL	3,168	41,124	1,060	1,745	2,284	1,921,095	0	0	969,172

1995

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
51	4006	BULL RUN RESERVOIR	BULL RUN CREEK	80.0	11/01/94	125.0	6/09/95	95.0
	4012	COTTONWOOD RESERVOIR	GARDINER CREEK					
	3715	EAST BRANCH RESERVOIR	UTE CREEK	1,200.0	10/05/95	2,000.0	6/02/95	1,550.0
	3660	F W LINKE NO 2 RESERVOIR	TEN MILE CREEK					
	4055	GRANBY RESERVOIR	COLORADO RIVER	269,189.0	4/02/95	538,310.0	7/23/95	519,549.0
	3665	HANKINSON RESERVOIR	FRASER RIVER					
	4009	JACK ORR RESERVOIR	COLORADO RIVER					
	3752	KINGS RESERVOIR	BUFFALO CREEK					
	3679	LANGHOLEN RESERVOIR	BATTLE CREEK	9.0	11/01/94	65.0	6/02/95	9.0
	3686	MEADOW CREEK RES	RANCH CREEK	11.0	11/27/94	5,323.0	7/17/95	1,209.0
	3687	MOORE RESERVOIR	WILLIAMS FORK RIVER	45.0	11/01/94	150.0	6/09/95	51.0
	3688	MUSGRAVE RESERVOIR	ROCK CREEK	5.0	11/01/94	350.0	6/02/95	130.0
	3693	ROCK CREEK RESERVOIR	ROCK CREEK	0.0	11/01/94	0.0	6/01/95	0.0
	3694	SCHOLL RESERVOIR	CORRAL CREEK	0.0	11/01/94	275.0	6/15/95	60.0
	3695	SHADOW MOUNTAIN RES	COLORADO RIVER	16,402.0	6/18/95	18,166.0	1/04/95	17,984.0
	4051	SUN VALLEY RESERVOIR	NO. FORK OF COLO RIVER	72.5	11/01/94	72.5	6/01/95	72.5
	3701	SYLVAN RESERVOIR	LITTLE MUDDY CREEK	0.0	11/01/94	1080.0	6/02/95	0.0
	3738	UTE CREEK RESERVIOR	UTE CREEK	60.0	11/01/94	100.0	6/02/95	70.0
	3709	WILLIAMS FORK RES	WILLIAMS FORK RIVER	66,014.0	11/07/95	97,590.0	7/13/95	92,676.0
	3710	WILLOW CREEK RESERVOIR	WILLIAMS FORK RIVER	7,136.0	11/19/94	10,212.0	7/22/95	7,599.0
51		Total of All Others < 50 AF						
51		Total for District 51		360,223.5	0.00	673,818.5	0.00	641,054.5

1995

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
52	3940	JONES RESERVOIR	HENRY CREEK					
	3949	ROCK GAP DAM	HARTMAN GULCH					
52		Total of All Others < 50 AF						
52		Total For District 52		0.00		0.00		0.00

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
53	3959	CLYDE RESERVOIR	EGERIA CREEK					
	3960	CRESENT LAKE RESERVOIR	DERBY CREEK					
	3961	ED W HARPER RESERVOIR	EGERIA CREEK					
	3962	EGERIA RESERVOIR	EGERIA CREEK					
	3966	GRIMES BROOKS RESERVOIR	RED DITCH CREEK					
	3968	HADLEY RESERVOIR	EGERIA CREEK					
	3971	HEART LAKE RESERVOIR	DEEP CREEK					
	3972	HIDDEN SPRINGS RESERVOIR	HORSE CREEK					
	3974	JONES NO 1 RESERVOIR	SHEEP CREEK NO 2					
	3975	JONES NO 2 RESERVOIR	SHEEP CREEK NO 2					
	3978	KELLY RESERVOIR	EGERIA CREEK					
	3982	LUARK RESERVOIR	SPRING CREEK					
	4020	MACKINAW LAKE RES NO 2	DERBY CREEK					
	3986	MORRIS RESERVOIR	TOPONAS CREEK					
	3988	NEWTON GULCH RES	KING CREEK					
	3992	REID NO 3 RESERVOIR	EGERIA CREEK					
	3995	STERNER RESERVOIR	EGERIA CREEK					
	3997	SWEETWATER RESERVOIR	SWEETWATER CREEK					
	3999	TONIER GULCH RES	TOPONAS CREEK					
	4001	TOPONAS ROCK NO 2 RES	TOPONAS CREEK					
	4004	WOHLER RESERVOIR	ELK CREEK					
53		Total of All Others < 50 AF						
53		Total for District 53		0.0		0.0		0.0

RESERVOIR STORAGE SUMMARIES BY DISTRICT

1995

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
70								
70		Total of All Others < 50 AF						
70		Total For District 70				0.0		0.0

1995

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
72	3833	ANDERSON BROS RES NO 1	LEON CREEK					
	3887	BIG BEAVER RESERVOIR	BULL CREEK					
	3904	BIG CREEK NO 1 RESERVOIR	BIG CREEK	NOT USEABLE UNDER RECONSTRUCTION				
	3905	BIG CREEK NO 3 RESERVOIR	BIG CREEK					
	3906	BIG CREEK NO 4 RESERVOIR	BIG CREEK					
	3907	BIG CREEK NO 5 RESERVOIR	BIG CREEK					
	3909	BIG CREEK NO 7 RESERVOIR	BIG CREEK					
	3841	BOB MC KELVIE RESERVOIR	PLATEAU CREEK					
	3888	BULL BASIN NO 1 RES	BULL CREEK					
	3889	BULL BASIN NO 2 RES	BULL CREEK					
	3890	BULL CREEK NO 1 RES	BULL CREEK					
	3891	BULL CREEK NO 2 RES	BULL CREEK					
	3892	BULL CREEK NO 3 RES	BULL CREEK					
	3893	BULL CREEK NO 4 RES	BULL CREEK					
	3894	BULL CREEK NO 5 RES	BULL CREEK					
	3834	COLBY HORSE PARK RES	LEON CREEK					
	3883	COON CREEK NO 1 RES	COON CREEK					
	3884	COON CREEK NO 2 RES	COON CREEK					
	3885	COON CREEK NO 3 RES	COON CREEK					
	3923	COTTONWOOD LAKE RES # 1	COTTONWOOD CREEK					
			Subtotal this page	0.00		0.00		0.00

RESERVOIR STORAGE SUMMARIES BY DISTRICT, continued

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
72	3924	COTTONWOOD LAKE RES NO 2	COTTONWOOD CREEK					
	3925	COTTONWOOD LAKE RES NO 4	COTTONWOOD CREEK					
	3926	COTTONWOOD LAKE RES NO 5	COTTONWOOD CREEK					
	4065	CURRIER RES NO 2	BUZZARD CREEK					
	3910	DAWSON RESERVOIR	BIG CREEK					
	3914	GROVE CREEK RES NO 1	GROVE CREEK					
	3915	GROVE CREEK RES NO 2	GROVE CREEK					
	3849	HAWXHURST RESERVOIR	HAWXHURST CREEK					
	3957	HIGHLINE RESERVOIR	MACK WASH					
	3929	JENSEN RESERVOIR	COTTONWOOD CREEK					
	3961	JERRY CREEK RES NO 1	PLATEAU CREEK					
	3962	JERRY CREEK RES NO 2	PLATEAU CREEK					
	3837	KENDALL RESERVOIR	LEON CREEK					
	3838	KIRKENDALL RESERVOIR	LEON CREEK					
	3839	LEON LAKE RESERVOIR	LEON CREEK					
	3895	LOST LAKE RESERVOIR	BULL CREEK					
			Subtotals this page:	0.00		0.00		0.00

RESERVOIR STORAGE SUMMARIES BY DISTRICT, continued

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End Of Year
				AF	Date	AF	Date	
72	4077	MACK MESA RESERVOIR	MACK WASH					
	3871	MESA CREEK NO 1 RES	MESA CREEK					
	3872	MESA CREEK NO 2 RES	MESA CREEK					
	3873	MESA CREEK NO 3 RES	MESA CREEK					
	3874	MESA CREEK NO 4 RES	MESA CREEK					
	3842	MONUMENT NO 1 RES	LEON CREEK					
	3843	MONUMENT NO 2 RES	LEON CREEK					
	3854	PALISADE CABIN RES	RAPID CREEK					
	3855	PALISADE STORAGE RES 1	RAPID CREEK					
	3856	PALISADE STORAGE RES 3	RAPID CREEK					
	3932	PARKER BASIN RES NO 1	COTTONWOOD CREEK					
	3933	PARKER BASIN RES NO 2	COTTONWOOD CREEK					
	3934	PARKER BASIN RES NO 3	COTTONWOOD CREEK					
	3858	RAPID CREEK NO 1 RES	RAPID CREEK					
	3859	RAPID CREEK NO 2 RES	RAPID CREEK					
	3901	STUBBS McKINNEY CLARK RES	SPRING CREEK					
	3931	T E KITSON RESERVOIR	COTTONWOOD CREEK					
	3902	TWIN BASIN RESERVOIR	BULL CREEK					
	3844	VEGA RESERVOIR	PLATEAU CREEK					
	3919	Y T RESERVOIR	GROVE CREEK					
72		Total of All Others < 50 AF:						
72		Total for District 72		0.0		0.0		0.0

1995

WATER DIVERSION SUMMARIES

WD	Structures Reporting			All Other Structures		Estimated Number of Visits to Structure	Total Diversions - AF -	Total Diversions to Storage - AF -	To Irrigation		
	With Record (1)	No Water Avail (2)	No Water Taken (3)	No Info Avail (4)	No Record (5)				Total Diversions-AF	Number of Acres Irrigated	Average AF per Acre
36											
37											
38											
39											
45											
50											
51											
52											
53											
70											
72											
TOTAL	0					0					

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

1995

WATER DIVERSION SUMMARIES TO VARIOUS USES

WD	TRANSMOUNTAIN OUTFLOW	TRANSBASIN OUTFLOW	MUNICIPAL	COMMERCIAL	INDUSTRIAL	RECREATION	FISHERY	DOMESTIC & HOUSEHOLD	STOCK
36									
37									
38									
39									
45									
50									
51									
52									
53									
70									
72									
TOTAL	0		0				0		0

WATER DIVERSION SUMMARIES TO VARIOUS USES, continued

WD	AUGMEN-TATION	EVAPORATION	GEO-THERMAL	SNOWMAKING	MINIMUM STREAMFLOW*	POWER GENERATION	WILDLIFE	RECHARGES	OTHER
36									
37									
38									
39									
45									
50									
51									
52									
53									
70									
72									
Total									

* where measured

D. WATER COURT ACTIVITIES

Calendar Year 1995

Applications Made to Water Court for Div. 5 (95CW) 329
Dismissals 10
Withdrawn Cases 9

TYPE OF DECREE	NUMBER OF CASES	NUMBER OF STRUCTURES
Findings of Diligence on Conditional Rights	-	260
Cancellations of Conditional Rights	0	0
Conditional Rights Made Absolute	-	47
Surface Water Rights Adjudicated	-	208
Underground Water Rights Adjudicated	-	91
Water Storage Rights Adjudicated	-	134
Plans for Augmentation Adjudicated	35	274
Changes of Water Rights Adjudicated	-	171
Changes of Use	4	7
Instream Flow Rights Adjudicated	0	0
Amend Augmentation Plans	6	50
TOTAL:	-	1242

Some "Number of Cases" not enumerated.

E. COLORADO RIVER CALLS

1995 WATER YEAR

COLORADO RIVER MAINSTEM
GOVERNING CALL ABOVE
SHOSHONE POWER PLANT
(Districts 36, 37, 50, 51, 52, 53)

DATE ON	DATE OFF	CALLING WATER RIGHT	DECREED AMOUNT	ADMIN NO.
11/01/94	01/03/95	Shoshone Power Plant	1250.0 cfs	20427.18999
02/28/95	05/01/95	Shoshone Power Plant	1250.0 cfs	20427.18999
05/01/95	05/12/95	Shoshone Power Plant	1250.0 cfs	20427.18999

COLORADO RIVER MAINSTEM
GOVERNING CALL ABOVE CAMEO
AND BELOW SHOSHONE POWER PLANT
(Districts 38, 39, 45, 70, 72)

NO CALLS OCCURRED AT THE CAMEO DIVERSION
DURING THE 1995 WATER YEAR

III. OFFICE ADMINISTRATION AND WORKLOAD MEASURES

A. NUMBER OF WATER COURT APPLICATIONS: 95CW001 through 95CW369

Division 5 = 329 Division 6 = 40

B. NUMBER OF WATER COURT APPLICATIONS BY DISTRICT:

District 36 = 19	District 45 = 20	District 53 = 23
District 37 = 34	District 50 = 9	District 70 = 7
District 38 = 93	District 51 = 32	District 72 = 52
District 39 = 37	District 52 = 5	

C. NUMBER OF STRUCTURES IN NEW WATER COURT APPLICATIONS BY DISTRICT:

District 36 = 78	District 45 = 82	District 53 = 85
District 37 = 124	District 50 = 25	District 70 = 41
District 38 = 381	District 51 = 171	District 72 = 108
District 39 = 119	District 52 = 9	

D. AUGMENTATION PLAN APPLICATIONS BY DISTRICT:

District 36 = 4	District 45 = 5	District 53 = 2
District 37 = 7	District 50 = 0	District 70 = 1
District 38 = 14	District 51 = 6	District 72 = 2
District 39 = 2	District 52 = 0	

E. MINIMUM STREAM FLOW FILINGS BY DISTRICT:

District 52 = 2	District 53 = 3	District 70 = 2
District 72 = 2		

F. NUMBER OF PROTESTS TO THE 1984 ABANDONMENT LIST: = 0

G. NUMBER OF PROTESTS TO THE 1992 ABANDONMENT LIST: = 0

H. ORDERS For Installation and/or Repair of Headgates by District:

District 36 = 2 District 72 = 1

I. PERSONAL REIMBURSABLE MILEAGE (2-WHEEL AND 4-WHEEL) (P):

CALENDAR YEAR 1995:

OFFICE STAFF:

NAME	POSITION	MILEAGE
Bell, Orlyn	Division Engineer	472 P
Martellaro, Alan	Assistant Division Engineer	1,834 P
McCabe, Robert	Water Resource Engineer	627 P
Sappington, Judy	Hydrographer (transferred to Div 5 4/95)	0 P
Blair, John	Dam Safety Engineer	35 P
Whitehead, Dwight	Water Commissioner (Wells)	0 P
Hitchcock, Nancy	Administrative Assistant	0 P

FULL-TIME EMPLOYEES IN FIELD:

NAME	POSITION	DISTRICT	MILEAGE
Hummer, Scott	Water Commissioner	36	108 P
Bergquist, Joe	Water Commissioner (supervisor)	38	6,959 P
Klenda, Robert	Water Commissioner (supervisor)	45	120 P
Thompson, William	Water Commissioner (supervisor)	50	11,908 P
Wells, L. Wayne	Water Commissioner (supervisor)	72	0 P

PERMANENT PART-TIME EMPLOYEES IN THE FIELD:

NAME	POSITION	DISTRICT	MILEAGE
McEwen, William	Water Commissioner (supervisor)	37	186 P
Gepfert, Lawrence	Water Commissioner	38/45	11,006 P
Lemon, James	Water Commissioner	39	2,780 P
Nelson, Glen	Water Commissioner (retired 12/95)	45	926 P
Daxton, James	Water Commissioner	51	9,147 P
Schaffner, Frank	Water Commissioner	52/53	9,361 P
Mackey, Don	Water Commissioner	70	7,852 P
Comerer, Alan	Water Commissioner	72	4,611 P
Cox, Tom	Water Commissioner	72	8,372 P
Greene, Ronald	Water Commissioner	72	5,168 P
Brigham, Tom	Water Commissioner	72	10,081 P

TOTAL OFFICE STAFF AND FIELD PERSONAL MILES DRIVEN: **91,553** P

J. MILEAGE FOR LEASE VEHICLES ASSIGNED TO DIVISION 5 (L):

CALENDAR YEAR 1995:

VEHICLE	PRINCIPAL DRIVER	COMMENT	MILEAGE	
01-8416	McEwen, William		8,687	L
01-8730	Klenda, Robert		17,683	L
01-8795	Hummer, Scott		21,603	L
01-8796	Sappington, Judy		16,377	L
01-9145	Blair/Bergquist/Whitehead		13,708	L
01-9153	Wells, L. Wayne		18,210	L
01-9243	Bell, Orlyn		15,945	L
TOTAL LEASE VEHICLE MILES DRIVEN:			**112,213**	L
TOTAL MILES DRIVEN (PERSONAL + LEASE) 1995			**203,766**	T

(Some of the miles driven in lease vehicles were charged to other budgets, such as training, satellite monitoring, employee council, well inspections.)