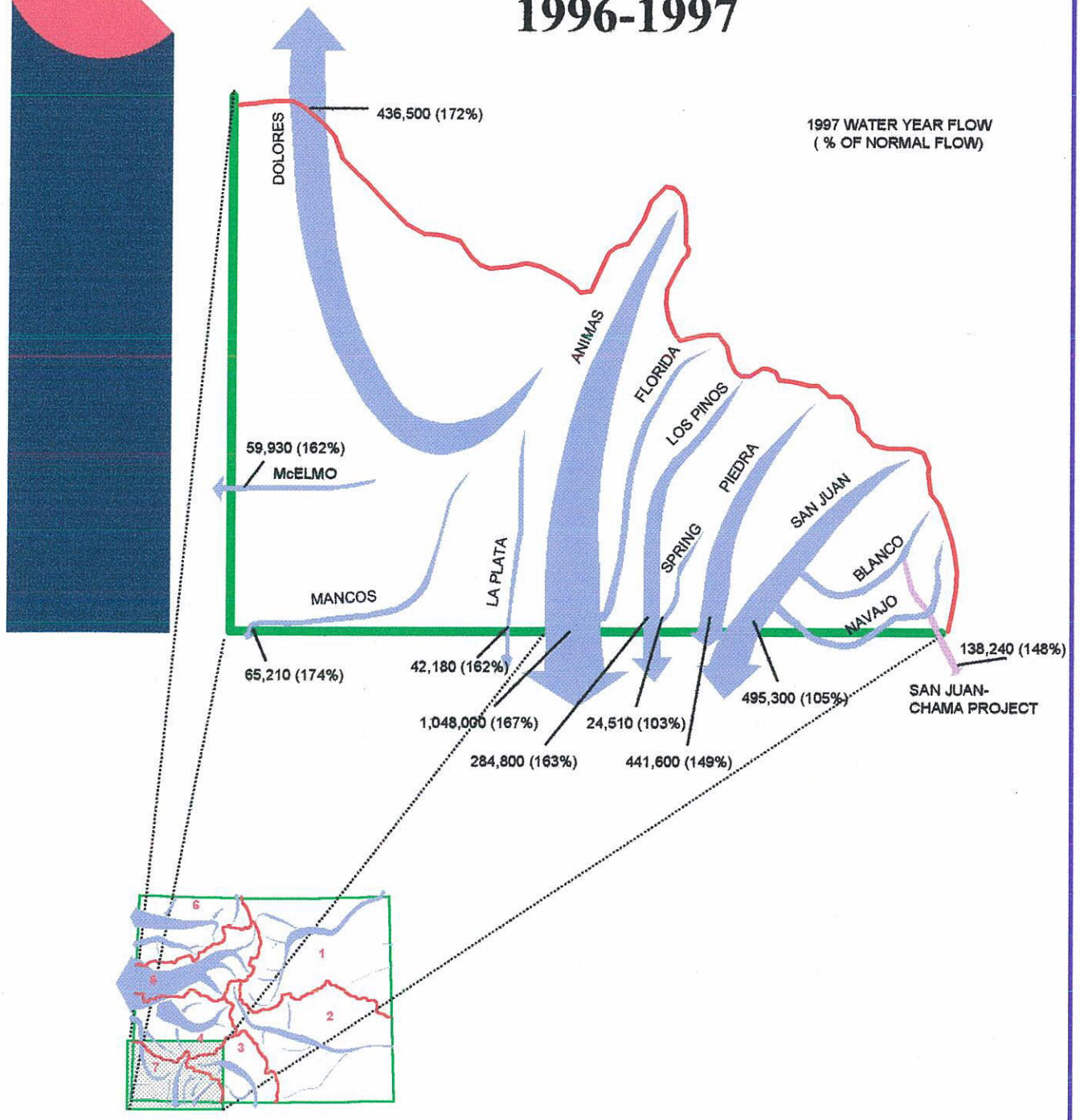
DIVISION OF WATER RESOURCES
DIVISION VII ANNUAL REPORT
1996-1997



Ken Beegles
Division Engineer

copy for
Hal D. Simpson,
State Engineer

STATE OF COLORADO

WATER DIVISION 7
OFFICE OF THE STATE ENGINEER
Division of Water Resources
Department of Natural Resources

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February 27, 1998

Hal D. Simpson, State Engineer
CO Division of Water Resources
1313 Sherman St.
Room 818
Denver, CO 80203

Dear Hal:

Enclosed is the Division Seven 1997 Annual Report. There are more diagrams and charts included in this year's report. You may note that some of the statistics show a slight decline from record setting levels in the past few years. This reduction has enabled us to occasionally stand up from the trenches to see where we are going and try to do a few things proactively.

I believe that the presence of our office has had a positive effect on the local water-using public. They recognize our value and respect the statutory function of the office. It is hoped that our mission as it is now described will continue to find acceptance and acknowledgment from our peers.

I would like to thank you and your staff for the capable assistance they have supplied during the past year.

Sincerely,

Kenneth A. Beegles
Division Engineer

Division 7 Staff
Fall Meeting / October 9, 1997

Front Row, left to right: Harold Baxstrom, Bruce Whitehead, Hal Pierce, Shari Titus, Ken Beegles, Russell Kennedy, Sherry Schutz, Agnes Suazo, Glen Humiston
Back Row, left to right: Scott Brinton, Matthew Schmitt, John Taylor, Val Valentine, Robert Becker, Dave Nelson
Not pictured are: Robert Daniels, Frank Kugel, Marty Robbins

INDEX **PAGE**

A. CURRENT WATER YEAR

Water supply conditions in Southwestern Colorado rebounded from the drought of the previous year. In many ways, the runoff resembled 1995 with the late spring cool weather leading to excellent sustained flows later in the season. A record snowstorm with a three-day total of 40 inches in Durango fell in early January of 1997. The end-of-January snow course readings were among the deepest and held the most water of any on record. Later months were drier but the snow pack was nearly 120% of normal coming out of the winter. Cool weather in April and May allowed the snow percentages to increase to very high numbers. Enough precipitation had fallen in Durango by April 25 that if the remainder of the year had been dry (to October) the average would have been met. Above-average precipitation continued to fall, except for the dry months of June and July. The Water Year total of 32 inches of precipitation in Durango was exceeded only in 1911.

As a result of the high runoff, above average general precipitation and a cool spring, most reservoirs were able to retain large quantities of storage after filling. Lemon Reservoir on the Florida River was able to carry 30,000 acre-feet over, and even Red Mesa Reservoir in the La Plata River drainage was able to store water for late season use and carry over half capacity into the new year (see Reservoir Summary sheets).

The Animas River peaked at 7230 cfs on June 2 (see Addendum A), the same day as the Dolores and La Plata Rivers, as well as other rivers that normally would peak at an earlier date. Rainstorms in August and September returned the rivers to near spring runoff levels, with the Animas in Durango reaching 4300 cfs on September 22 (see Addendums B and C). Rafting activity returned for a brief stint.

It was a very good year for crop growth. Some areas had such good early growth that farmers were able to get an extra cutting of hay. July provided ample time to put hay up without the traditional rain interruption. High soil moisture then allowed farmers in some areas to temporarily forego irrigation. The application rate was dramatically

reduced in many areas. Diversion statistics bear this out, as application rates in many areas were less than 4.0 acre-feet per acre. In other areas, like some of the upstream ditches in Archuleta County and also the Summit and Jackson systems, ditches were threatened by washouts that curtailed their use to a certain extent. The high soil moisture content allowed good crop production to continue.

ACCOMPLISHMENTS

San Juan – Chama Project Due to changes of water policies in the Rio Grande Drainage and endangered species issues there, the Bureau of Reclamation and its customers sought to divert as much water as possible. The minimum bypass flows at the Navajo River were exceeded for ten days due to the project reaching tunnel capacity. This prevented operation of the Navajo-Little Navajo management program, where more water is available for the Rio Blanco later in the season. The total diversion of 138,240 acre-feet was 158% of average. The new downstream gage on the Little Navajo was operated successfully with the record being published in the Colorado streamflow reports.

La Plata River Compact The La Plata Compact had generated some interstate controversy due to administration concerns from the drought year of 1996. Other issues as well as the old ones surfaced this year. Beneficial use of water in New Mexico was one question raised. Observations showed that over 50% of the flow at the State Line reached the confluence with the San Juan River. At one point the Division Engineer reduced the delivery amounts to minimize these unused, undiverted flows. Colorado installed satellite equipment at the USGS gage above the confluence with the San Juan in New Mexico. This new stream monitoring allowed additional diversions for beneficial use in Colorado. However, the diurnal fluctuation of the river, which exceeded 50 percent of the maximum daily flow rate, forced a delivery amount that resulted in water running through the system (see Addendum D). Tours of the diversions were conducted both in Colorado on ditches above Hesperus, and in New Mexico on ditches in the lower reach. This enabled officials from both states to learn

more about the behavior of the river and its administrative complications. The call went off the river earlier than normal in Colorado, and both states received sufficient water for the remainder of the season.

San Juan Recovery Implementation Program This year was the sixth year of the seven-year study period required by the Reasonable and Prudent Alternative mandated during Section Seven consultation for the Animas-La Plata Project. There have been only a few sporadic sightings of native squawfish since that time. This year the river was stocked with 200,000 squawfish and 10,000 razorback suckers. The general consensus of flow recommendations toward improvement of the habitat appears to be moving toward a need for a large spring flow on a once-in-several-year frequency in the habitat area below Shiprock, New Mexico. Necessary low-flow river amounts have not been determined and may not be too significant. Non-native species introductions of predator species such as red shiners and small-mouthed bass are looming as serious impediments in recovery plans. However, the actual stocking may finally give scientists good field data to study actual results rather than the projections and conjectures used in the past. Much study remains to be accomplished before accurate conclusions can be derived.

CRDSS / Modeling In conjunction with the endangered species studies, it was necessary to model the effect of state depletions on the natural river flows. Colorado's model was used and compared with the USBR model. Significant discrepancies were noted in a few areas. These were evaluated and both models were adjusted. The EPA insisted that some method of measuring the pre–1991 depletions be established by the states of Colorado and New Mexico. The Division 7 office used CRDSS quality-checked records to develop lists of historic use and maximum use by structures during the 1981-1996 period. Water user entities were contacted and public meetings held to discuss the release or use of this information.

Minor depletion modeling of the area basins was completed by Boyle Engineering, and significant progress was made in development of the water administration tool. The

GIS was utilized to plot stream diversion points from the Division 7 maps. Generally the division office direct participation in CRDSS was reduced during the year and no time was granted specifically for CRDSS work. However, staff members received training during the year in the GIS system as well as in the operation of GPS equipment.

Animas – La Plata Project The Governor decided to take a more active role this year in the attempt to bring the opposing sides of the Animas – La Plata Project together for a solution. Several meetings were held, facilitated by lieutenant Governor Gail Schoettler, with support from Attorney General Gail Norton. A grass roots organization of Southern Ute Tribal members formed a group (SUGO) to oppose tribal chairman Clement Frost and the councils' unwavering support of the Project. Although many ideas were exchanged between the parties, the end result was more delay and indecision, until finally the two sides presented two separate compromise proposals. The project proponents offered to drop the irrigation features in return for a slightly scaled-down version of the reservoir that would serve mostly municipal/industrial uses. This reservoir would contain enough water to meet the obligation to the tribes from the Settlement Agreement of 1986. The opposition presented a plan to buy water rights and donate them to the Indian tribes to satisfy their claims. No water would be placed in a newly constructed reservoir. Governor Romer endorsed the project proponents' alternative, dubbed ALP-Lite, on November 18, 1997 (see Addendum E). Some of the heated discussion found in some of the local publications were compiled at the Southwest Water Conservation District (SWWCD) office (see Addendum F).

Forest Service FLPMA Public meetings were held in the fall and winter of 1996-1997 regarding expiration of the Strang Bill special use permits for ditches heading on, or traversing across, Forest Service lands. These meetings were conducted jointly by the Forest Service, Division Seven and the Southwestern Water Conservation District, with support from the local conservancy districts. Meetings in Pagosa Springs and Cortez were well attended, and served to inform the public as to appropriate procedures to be taken. "Ditch bill" easement applications were submitted in some

cases, but most people wrote requests for evaluation of the status of their ditch. If the ditch existed for irrigation purposes prior to forestland creation, it could be "grandfathered in", but many people wished to know the exact status of their water right for security in the future. A year later, letters from the Forest Service indicated that they were just beginning review of these applications.

Forest Service Reserved Rights Negotiations were initiated by the SWWCD to break the inactivity of the cases filed in 1976 by the US Forest Service on reserved rights. At that time the cases did not define the streams on which claims would be made. After some difficulty in determining the appropriate representation at the meetings, the negotiation group designated a technical subcommittee to try to deal with technical issues. The subcommittee was assigned the task of making recommendations for flows and locations to the full group as well as to bring out issues for resolution by the full team. Progress was slow due to the lack of resources for the federal program, and funds necessary to establish revised claims were not available. At the year end the negotiation process was put on hold while both sides of the negotiation separately developed prioritized stream lists for use in future sessions.

Pine River Water Pipeline Efforts continued to establish a company that would deliver domestic water to the rural areas of eastern La Plata County. Significant interest was gathered from potential customers ranging throughout the county. A snag developed when the Bureau of Reclamation insisted that this was a water use change and contracts for the use would be necessary if water would be taken through the outlet of Vallecito Reservoir. The Pine River Irrigation District is attempting to work through these problems, but they believe the decree covers these uses. A substitute supply plan was developed for the depletions from the downstream wells. Also, an application was filed to convert the consumptive use of the old ditches beneath the reservoir to a direct flow at the Water Company intake. The District also filed a proposed land use plan with La Plata County at the end of the year.

Water Court Activity The Dolores River substitute supply plans for augmentation of ditches and wells were in water court all year. Cases were finally settled for two gravel pit plans on the Dolores River. The Mesa Verde and Hovenweep plans were finally agreed on but were still awaiting signature at the end of the year. This resulted in a type of instream flow decree for the US Park Service. The water rights approved were mostly small springs and a small amount of future development water that should have no effect on non-Indian water rights in Colorado. This year marked the first year in which no hearings were held on water rights matters other than procedural conferences in chambers with Judge Patalan.

Water Administration and Enforcement Most streams were on call for only a short period of time. Since neither Vallecito Reservoir nor the ditches were not calling for water, Joe Brown, the manager, released enough stored water to satisfy all demands. Transmountain diversions were able to take some of the excess water "wasted" to the stream. A brief crisis ensued when natural resources and water quality people from the Southern Ute Tribe insisted that water be released for fish purposes.

The Mancos River was on call for only 23 days, unusually low for that drainage.

Many enforcement actions begun last year were still in progress. Ms. Krings of Pagosa Springs was able to avoid court by agreeing not to apply any well water outside for irrigation, as per her household-use-only well. The Baird case was negotiated to a stipulation when the applicant agreed not to claim the gas wells as the points of diversion for her use out of the tailwater pond. Other objections had yet to be resolved.

Mountain Valley Ranch (90CW61) A moratorium on new well permits was instituted by the Division Engineer in November 1996 after several attempts to reduce seepage from the augmentation pond failed. Water leaked at such high rates as to prevent the use of the pond as it was decreed. Some residents continued building and ended up with cisterns only. Much pressure was applied to the developer, who made several unsuccessful attempts to reduce the excessive seepage.

Durango Regulatory Reservoir After the frost went out in April 1997, a large sinkhole was discovered on the upstream face of Durango Regulatory Dam just above the city. Best guesses could not determine the exact cause except that one outlet which was underlain by an old pipeline just below the pothole was thought to be a possible cause of the problems. The city decided to make immediate repairs and drained the reservoir to remove the pipelines and replace the outlet. Dry but cool weather and eighteen-hour shifts allowed the contractor to finish the project in three weeks. The reservoir was able to fill quickly, avoiding the need for severe water restrictions. The Division 7 Dam Safety Engineer, Frank Kugel, provided excellent leadership and oversight in monitoring the work done.

Water Administration The following narratives were provided by field personnel in regards to activities this year.

District 29 / Val Valentine

This comment was heard from local residents about the San Juan River runoff: "They hayed in pastures I had never seen cut before; yields were good, even among the open stands of Ponderosa". In late June former Water Commissioner William P. Lynn recalled that this year compared with 1952. Abundant runoff caused several ditches to slip the bank or blow out. The Fourmile, Dutton, and Park ditches were among those that required extraordinary maintenance and did not begin diversion operations until late June.

District 30 Animas River / David Nelson

The water year was exceptionally wet. Stream calls were of short duration. Elbert Creek was on call for 28 days from July 7 to August 4. Tamarron released water into the stream system at a rate of 0.50 cfs from July 3 to September 30, which alleviated much of the pressure on the system. Augmentation releases were made from all

applicable structures. Evaporative losses were replaced from a few storage structures but many were not made due to timely rains and the short duration of the call period. The Quinn-Naeglin Ditch installed a six-inch Parshall flume this year and put a 4-day call on Junction Creek beginning September 8.

Able assistance was provided by our newly hired deputy, Agnes Suazo, who worked the period May through September. She was able to complete several time-consuming projects as well as keeping up with field runs and daily records. Her help allowed me to keep up with a steady flow of well permits, administration, hydrographic measurements and office duties.

Records were completed by mid-December. The water use by Tamarron and Public Service of Colorado (Cascade Reservoir and Canal) were tracked using spreadsheets that had been developed in late 1996. Additionally, the Bob Johnson/ Pine Ridge system was incorporated into a new spreadsheet with the assistance of Ken and Bob (Daniels). Many new Water Rights were applied for this year, the most time consuming being the filings by the BLM for in-stream rights for spring sources above Silverton.

Florida River / Harold Baxstrom The 1997 water year in Water District 30F started with a November 1, 1996 Lemon Reservoir content of 8300 acre-feet. The stock water run starting on that date lowered it to 8200 acre-feet. Irrigation releases started on May 13 with a reservoir content of 20,600 acre-feet but heavy spring Florida River flows continued to increase storage levels to 28,670 acre-feet on May 26. Releases from this date fluctuated at or above irrigation demands until July 4 when the river was officially put "on call" with the storage level at 39,774 acre feet. Summer rains decreased irrigation demands and increased river flows. Only 1700 acre-feet of stored water was released during the 79-day call period which ended September 22 when river inflows exceeded irrigation demands by about 800 cfs. The major irrigation canals were turned off for the season on October 11, with the reservoir level at 30,400 acre feet.

The generally plentiful water year relieved some pressure from two ongoing water user problems. 1) Mountain Valley subdivision is still unable to stop leaking from their augmentation pond. Well permits are still not being issued. 2) Sierra Verde Estates and Diamond Lodge have not yet completed their requirements for managing diversions at their 5 ponds during a Florida River call period.

Pastorius Reservoir, the second major storage facility in the Florida River system, is experiencing problems with reservoir bottom release valves and will be drained for repairs prior to 1998 irrigation season.

District 32 / Marty Robbins Being only my second year in this organization, I have learned more about the functions and management of our State Water System. I feel that our role in administering the State's waters affects every person in Colorado.

In District 32 we had an excellent water year. We had a good water supply throughout the entire year of 1997. The only problems encountered this year were neighbor vs. neighbor conflicts, but through mediation we were able to settle these disputes.

District 34/ Glen Humiston The Division 7 satellite office in Cortez had a good year. The water using public was well served this year and the Durango office was shielded and relieved of a large amount of the overall workload ie; water well permit applications, disputes settled here and etc.

Water District 34 had a super crop and water year. The winter started with a good snow cover and little frost underneath. The snow cover continued through out the winter. Spring came, the snow melted, crops began to grow and no frost to set them back, hence the super crop year. None of the "Old Timers" remember a year to equal it. Maybe I should say us "Old Timers".

The Mancos River was under administration for only a period of 23 days. The rains came and a free river existed for the remainder of the water year.

District 69 & 71 / Robert Becker The 1997 water year was extremely wet with an abundant water supply and excellent ground moisture. After the drought conditions during the summer of 1996, the rains began in late fall. The rain continued until turning to snow during the latter part of October. Above-average snowfall continued throughout the winter with rains beginning again in early spring and continuing through the summer except for June and the first half of July. These conditions were responsible for the irrigation starting later, and continuing 30-45 days longer than normal, especially in Water District 69,. In District 69 the high runoff caused problems on three structures, washing out two diversions and one culvert. Other than the problems associated with harvesting the crops, the 1997 water year saw no administration problems in Water Districts 69 or 71.

Hydrographic Report / Scott Brinton Streamflow was well above normal for the year. Streamflow records for the 1996 Water Year were completed and delivered to the chief hydrographer for publication. Four records were published by the USGS; the Navajo River at the Banded Peak Ranch near Chromo, CO was dropped from the USGS publication this year. Twenty-two records were published in the Colorado Division of Water Resources yearly publication.

The Division 7 hydrographer made 157 river measurements and 15 ditch measurements this year. Water commissioners and other engineers in Division 7 made 49 river measurements and 16 ditch measurements.

The gaging station at the Mancos River near Mancos was rebuilt with construction funds made available from the Chief Hydrographer and the Water Conservation Board gage reconstruction fund. The new gage and footbridge are located about 1200 feet upstream of the old gage.

Dam Safety / Frank Kugel Dams were inspected according to the normal schedule, with follow-up visits made as necessary. Sixteen of 20 Class II dams were inspected this year. Construction continued on a new Class I structure, Mountain View Dam. This project is located upstream of the Town of Pagosa Springs. Progress on the structure has been slowed by difficult foundation conditions. The embankment footprint is founded on Mancos shale. Treating the joints and vertical faces in this formation has delayed construction.

A serious dam incident occurred at Durango Terminal Dam. This Class I dam developed a sinkhole immediately above the outlet pipe on the upstream slope. A remote video camera revealed a break in the pressurized 24" cast iron outlet pipe. The break apparently was caused by improperly bedding a portion of the pipe on an existing concrete-encased pipeline. Repairs entailed breaching the dam and replacing the pipe with a ductile iron conduit encased in reinforced concrete.

Summit Dam, a Class I dam near Dolores, required outlet repairs. Corrosion had perforated the downstream end of the riveted steel conduit. The solution was to line the existing outlet pipe using the Insitu-form cast-in-place lining system. The resulting liner should actually improve the discharge capacity while providing a sound outlet conduit.

CURRENT YEAR OFFICE ACTIVITY

Office Administration The number of daily public contacts decreased this year. This appeared to be due to the slowing of the population growth and land development. Fewer well permits were issued due to these factors. More organizational activity was accomplished than usual and we were able to address questions or assist people with better attention paid to quality. The office staff spent time in meetings covering leadership principles. Many contributed to the development of the Division of Water Resources Mission Statement development program.

Budget Expenses were made where necessary for the office operations and the total expenses stayed within 2% of the budgeted amount. A small addition to overtime funds and the decreased diversions in the area (because of the wet spring) allowed the division to assign an additional man-month to the newly hired temporary. The division office took over the COFRS program and is entering expenses directly into the system each month. The Pagosa Springs office found a new, larger location for the field office in July and successfully moved everything, including the computer network connection.

Personnel Changes A temporary employee, Agnes Suazo, was hired to help with water commissioner duties in District 30. She read the ditches of the lower Animas River and Lightner Creek, and provided excellent help in the office. Other positions remained filled by the experienced and highly capable staff who have committed to their jobs in each area. There is yet a need to have more help in some areas. As the hydrographer has branched out to help in the statewide hydrography program, more assistance has been needed in that area. Also, there has been so much public assistance needed in the outlying offices that additional time or help would be very useful in those areas.

ISSUES NOT ADDRESSED

The Compact issues raised this year on the La Plata River have not been totally addressed. We still anticipate difficulties in stock water administration on that river. Minimum bypasses from San Juan-Chama diversions have not met the Water Conservation Board minimum stream flows. We have not come to satisfactory terms in this matter. Other issues that have not been finalized are the Corlies Well, Spencer Reservoir and other District 34 ponds, and construction of US Forest Service wells. The Sierra Verde Estates action was on hold pending approval of the substitute supply plan. Several difficult water cases were pending where the application for unneeded augmentation, wildlife uses or the obviously speculative nature of the application has held up approval.

B. UPCOMING YEAR

Interdivisional, Tribal or Interstate Issues:

- The final draft report for the San Juan Recovery Implementation Program should be issued this year. The results of this could impact the way water rights are issued in the future. It could help in achieving progress on the Animas-La Plata Project construction.

- Progress should be made in the Forest Service reserved-rights claims. If not, there may be support for dismissal of these 23-year-old cases. As part of this case a scenario to mimic the natural hydrograph may need to be addressed.

- River channel work should begin on the Blanco River this year.

- Efforts will continue to obtain quality records from the Indian tribes.

- The La Plata Compact issues will continue to be considered.

- Especially at issue on the Mancos River is the validity of a call if the use is to provide wildlife water to the Jackson Reservoir wildlife refuge instead of irrigation.

Division 7 Issues

- Approval of the Dolores Water Conservancy District filings for augmentation and exchange plans out of Groundhog Reservoir.

- Conversion of the inundated ditches under McPhee, Lemon and Vallecito Reservoir to other uses. We would need to develop a diversion tracking for this proposal.
- Applications for water rights that involve excessive application of water, or use of

water on lands already irrigated by senior water. The division will need to continue questioning intentions of applicants who may appear to be speculating on the use of water mainly for the purpose of tying up the rights.

- GPS locations of ditch headings will be obtained if possible.

- Institution of the new water administration and diversion data programs for use by commissioners.

- Continued involvement in the Pine River domestic water project will be necessary.

- Monitoring well follow-up will be an activity continued by the field personnel.

- The continued development of geothermal wells in Pagosa Springs well is an issue this year.

- More efforts will be made at addressing illegal pond construction. The issue of the extent of use of ponds as part of a decreed use may become more significant.

WATER ADMINISTRATION IMPACT

Following are issues, cases and statutes that we see as having a significant impact on division operations in 1998.

A. San Juan Basin Recovery Implementing Program
B. Indian Water Rights Settlement
C. Animas-La Plata Project
D. Endangered Species Act
E. Clean Water Act
F. Groundwater Case Law
G. FLSA

H. Groundwater Regulations and Policies
I. Changing growth trends in the State
J. Colorado River Storage Act
K. La Plata River Compact
L. Animas-La Plata Compact

INVOLVEMENT WITH THE WATER USER COMMUNITY

Last year our office participated in children's educational efforts at both the La Plata County and Montezuma County Water Fairs. Office staff helped host meetings to discuss the FLPMA act and supported the water information program. This included holding an informational evening session with people from the Mancos Valley. The Division Engineer helped present a program for Leadership La Plata. Office personnel helped the local charter school with water projects on the Animas River. Water user groups with which we were involved are as follow:

Southwestern Water Conservation District
Animas-La Plata Water Conservancy District
La Plata River Conservancy District
Dolores Water Conservancy District
Mancos Water Conservancy District
San Juan RIP-Hydrology Committee
Pine River Irrigation District
Geothermal Users Group-Pagosa Springs
San Juan Water Conservancy District
Water Information Program-SWWCD
Rio Blanco Advisory Group
San Juan – Upper Animas Watershed Group

State Organizations:

CAPE

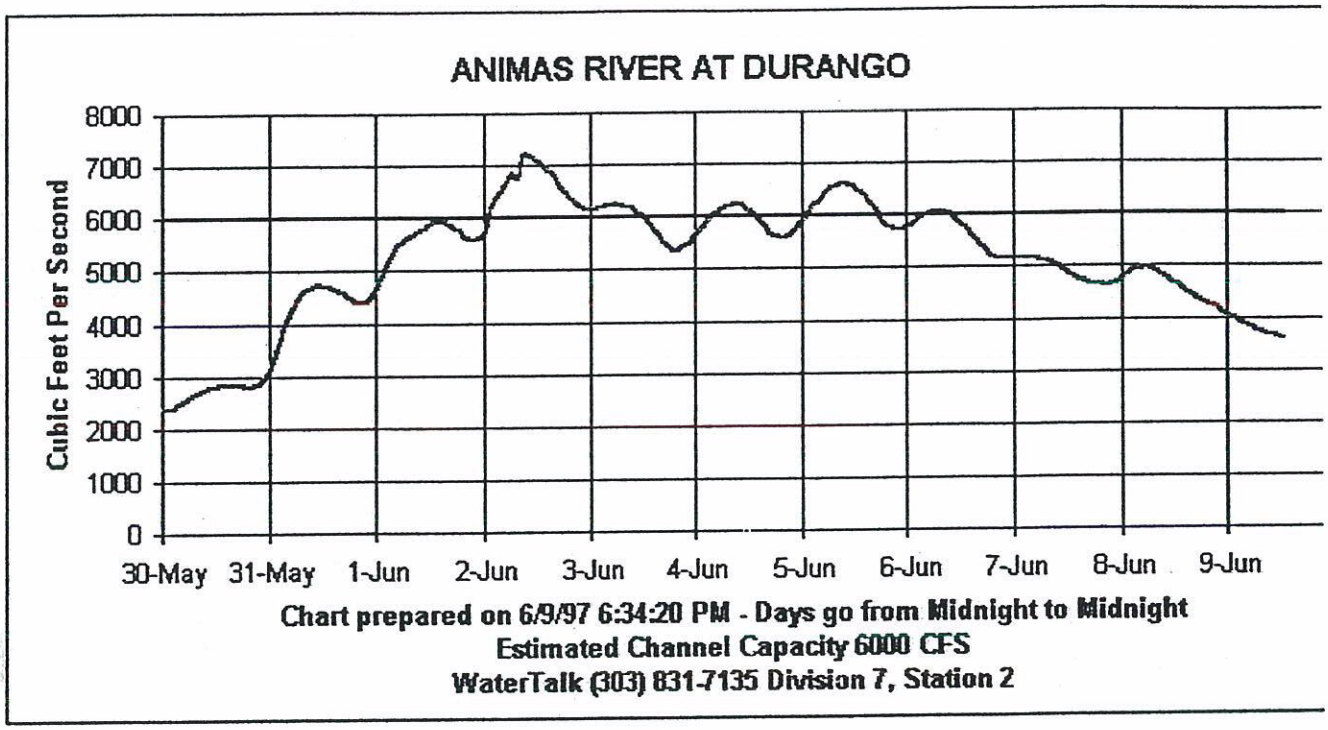
Colorado Water Officials Association
DWR Employees Council
Leadership Planning Group
Mission Development Team
Training Steering Committee

The staff was very successful in addressing problems and the general workload demands of the year. They applied skillful expertise in accomplishing a large amount of work with minimal resources. We wish to thank the State Engineer and his staff for continuing to provide assistance in that effort.

COLORADO'S Streamflow

Colorado Streamflow Information

Here's the streamflow information you requested:



[Another Stream]

COLORADO'S Streamflow

Colorado Streamflow Information

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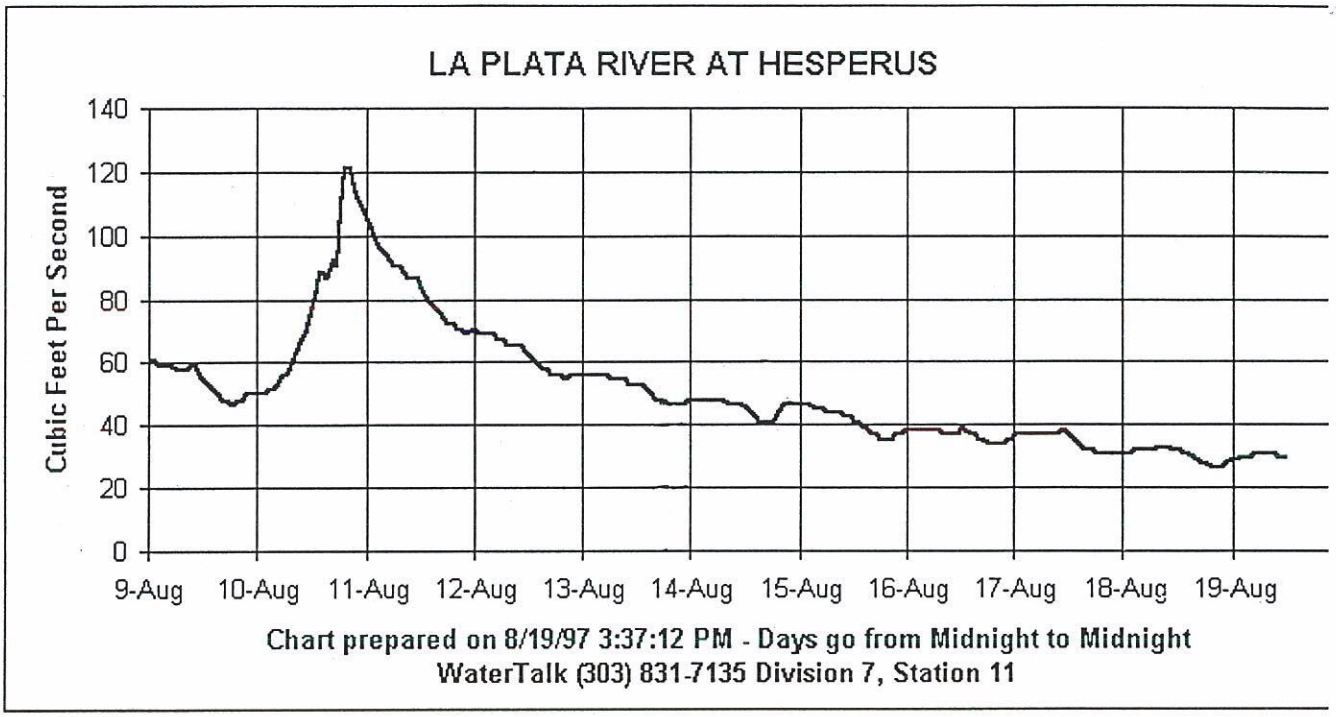
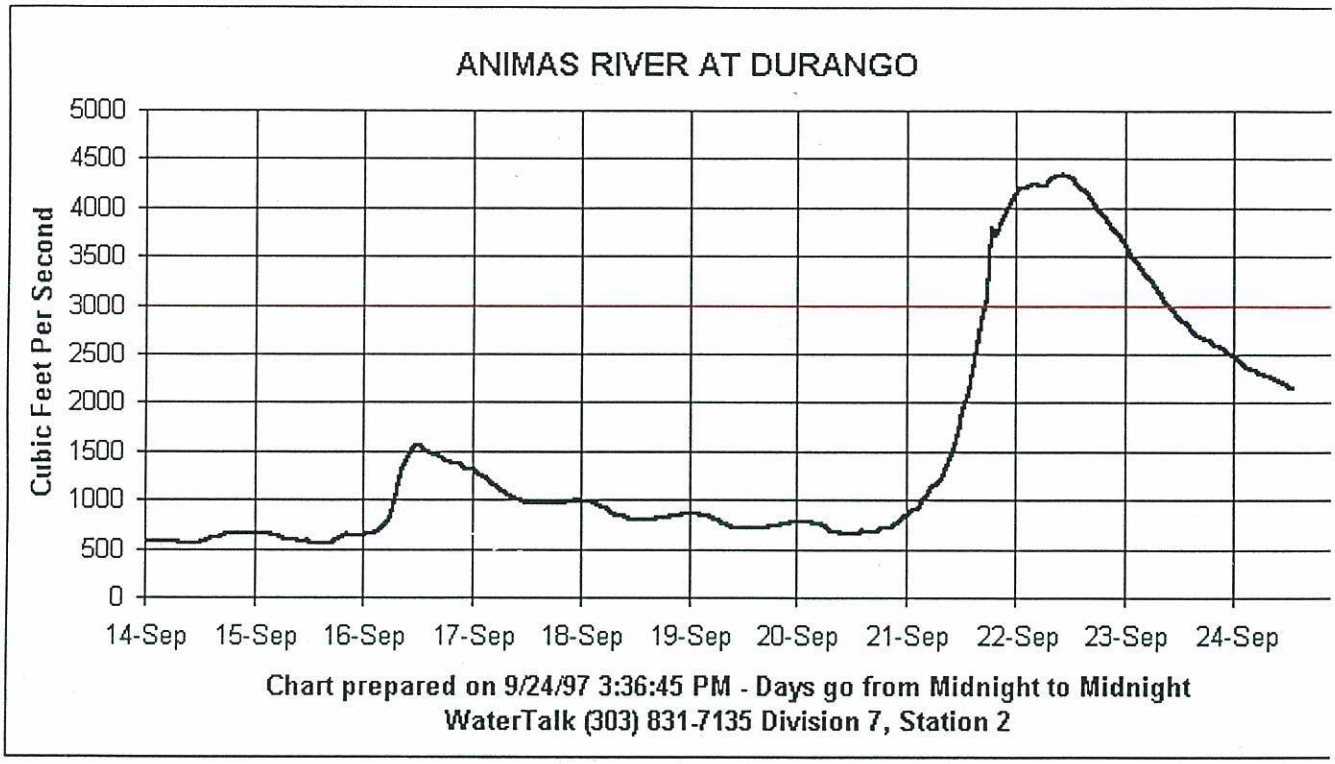


[Another Stream]

Online COLORADO'S Streamflow

Colorado Streamflow Information

Here's the streamflow information you requested:



[Another Stream]

Natural Resources | Parks | Wildlife | Water | Geology | Oil & Gas | Mining | Land | Overview

DAYFILES > @SCOTT

STATION	97JUN20	GAGE_HT	SHIFT	DISCHRG	AIR_TMP
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STATION	97JUN20	GAGE_HT	SHIFT	DISCHRG	AIR_TMP
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STATION	97JUN20	GAGE_HT	SHIFT	DISCHRG
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	11:00	0.72	1.12	124.00
	12:00	0.71	1.12	121.00
STATION	97JUN20	GAGE_HT	SHIFT	DISCHRG

3/4/97	Denver Post	**Review board makes it official: Drought only a dusty memory**	*"...Colorado's drought is over - for now. That may seem obvious, given the abundant snow on the state's ski slopes and last week's big wintry dump across much of Colorado. But it took reports in January that mountain snowpacks were at or above average in Colorado's eight major river basins to convince a state drought-watch committee...* *...In a January status report, the task force found that areas needing moisture were getting it. That included the southern one-third of the state, which suffered the worst of the drought last year, particularly southwestern Colorado..."*
3/4/97	Durango Herald Herald Staff Reports	**A-LP talks to take place in Durango**	*"...Negotiations on the Animas-La Plata water project and alternatives will be held in Durango for the first time Thursday.* *Gov. Roy Romer convened the talks Oct. 9 in Denver, bringing together project supporters, opponents and officials from New Mexico, Colorado, the US Department of Interior an the Environmental Protection Agency. The governor's goal is to advance solutions to the long-running stalemate on A-LP constructions..."*
3/4/97	Durango Herald Letter to the Editor, Jeanne W. Englert, Lafayette	**'Stealing water' better describes A-LP**	Letter to the Editor, from Jeanne W. Englert, Lafayette *"...Steve Harris, president of the Animas-La Plata Water Conservancy District, should be rebuked for the intemperate and inaccurate remark he made at the A-LP negotiation meeting in Towaoc, Feb. 14.* *Harris said that one proposal A-LP opponents proffered, to use excess water from existing federal projects to satisfy Ute water rights, 'was stealing water from other projects,' which apparently means taking water from existing water users...* *...The A-LP project has a 1938 conditional water right. After the court granted that decree, more than 200 people filed on and put to use Animas River water. Under Colorado law, these are junior water-right holders who must curtail their diversions when a senior water-right holder demands it..."*
3/5/97	Mancos Times-Tribune	**ALP meet slated**	*"...Proposed solutions and ideas for the long-running controversy surrounding the Animas-La Plata water project will be discussed and evaluated - again - at an upcoming meeting that will join federal and state agencies and proponents and opponents on Thursday, March 6, in Durango..."*
3/5/97	Denver Post (AP) St. Paul, MN	**Company recalls its water filters**	*"...Ecodyne Water Systems is voluntarily recalling about 14,000 Sears drinking-water filters cartridges because some of them may contain nickel chloride, which can cause abdominal cramps, nausea, vomiting and diarrhea if ingested..."*

STATE OF COLORADO

EXECUTIVE CHAMBERS
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Roy Romer
Governor

GOV. ROY ROMER
AND
LT. GOV. GAIL SCHOETTLER

CONCERNING THE ANIMAS-LA PLATA WATER PROJECT

November 18, 1997

Today, we are announcing our support for "A-LP Lite" -- the scaled-down version of the Animas-La Plata water project. This proposal saves nearly $400 million from the original project and is less environmentally damaging than the original project. Most importantly, it satisfies the state's obligations to deliver water to the Southern Ute and Ute Mountain Ute Tribes.

In 1986, the State of Colorado, non-Indian water users in Southwest Colorado and New Mexico, and the United States, entered into a landmark settlement agreement with the Southern Ute and Ute Mountain Ute Tribes. This agreement quantified the Tribes' entitlement to reserved water rights on 11 rivers in Southwest Colorado.

The settlement agreement set a national standard for cooperation between Indian Tribes and non-Indians. It settled potentially expensive and divisive litigation. It protected the water rights of non-Indians in Southwest Colorado. It maintained the fabric of Indian and non-Indian societies and economies.

To comply with the agreement, the state has paid or set aside $60.8 million, and has agreed to the adjudication of reserved water rights by the Tribes. The only remaining obligation under the agreement is for the United States to fund and build the Animas-La Plata water project. The project is necessary to satisfy the Tribes' water claims on the Animas and La Plata Rivers.

Yet after 10 years the project has not been built. Controversy and lawsuits have delayed the start of construction. Each year, Congress debates whether to continue funding the project. The Interior Department has conducted a number of studies which the courts or the Environmental Protection Agency have found inadequate. We understand that one of the EPA's primary objections with the environmental analysis has been that the examination of alternatives is deficient.

Last year, the project proponents asked us to convene talks among all sides to see if a consensus solution could be reached. Through sometimes heated debate, the "Romer-Schoettler Process" whittled an initial list of 65 options to two basic alternatives.

--more--

Project proponents, including the Tribes, reduced the size of the project drastically. They cut many project features, principally non-Indian irrigation. Throughout this difficult process, the Tribes steadfastly maintained their desire for construction of a reservoir to hold water which can be an asset for future generations.

Project opponents developed an alternative involving no reservoir. The alternative calls for the United States to pay money to the Tribes that can be used to buy land and water, or to develop water from other existing water projects on other rivers which have already been adjudicated under the settlement agreement.

Both Tribal Councils rejected this alternative by official resolutions.

It was therefore clear that the Romer-Schoettler Process, having made substantial progress, could not bridge the gap between these fundamentally different proposals. Recently, the Tribes asked us to take a position on the two alternatives. Therefore, yesterday we went to Santa Fe, New Mexico, to meet with Tribal leaders and other project participants.

At that meeting, we reaffirmed our continuing obligation of the State of Colorado to work cooperatively under the 1986 settlement agreement, to find and support a solution to the Animas-La Plata controversy. We have maintained that any solution should be fiscally and environmentally responsible.

Because of that obligation, and the Tribes' legitimate desire for a reservoir, we endorsed the proposal of the project participants for construction of a significantly reduced project. This alternative is more cost-effective and has fewer environmental impacts than the original project configuration. It was developed to fit within all the environmental compliance documentation and approvals that have been done to date. We will be working with the project proponents and the State of New Mexico to develop legislation for introduction in Congress that will authorize this alternative.

Yesterday, we also committed to meet as soon as possible with Interior Secretary Bruce Babbitt and EPA Administrator Carol Browner. The purpose of our meetings will be to convey our support for the Tribes' and proponents' alternative. We also will express our strong belief that the results of the Romer-Schoettler process should be used to "fill-in-the-gaps" of the alternatives analysis that the EPA found deficient. We will seek definite commitments from them as to whether they will require any additional information. If so, we will ask them to define the precise time frames for this information so that we can work with the Tribes to introduce legislation in the next Congress.

We appreciate and value the relationship between the State of Colorado and the Southern Ute and Ute Mountain Ute Tribes. Honoring our promises under the 1986 settlement agreement is critical to that relationship. We will continue to work closely with the Tribes and water users of Southwest Colorado to make sure those promises are kept.

TRANSMOUNTAIN DIVERSION SUMMARY ----- OUTFLOWS

SOURCE								RECIPIENT		
				10-YEAR AVG.		CURRENT YEAR				
WD	ID	NAME	STREAM	AF	DAYS	AF	DAYS	WD	ID	STREAM
29	4669	TREASURE PASS DITCH	SAN JUAN RIVER	74	25	245	34	20	921	RIO GRANDE RIVER
30	4660	CARBON LAKE DITCH	ANIMAS RIVER	239	93	625	135	68	692	UNCOMPAHGRE RIVER
30	4661	MINERAL POINT DITCH	ANIMAS RIVER	95	60	168	57	68	609	UNCOMPAHGRE RIVER
30	4662	RED MOUNTAIN DITCH	ANIMAS RIVER	41	48	256	93	68,41	604,549	UNCOMPAHGRE RIVER
31	4638	PINE RIVER-WEMINUCHE PASS D.	PINE RIVER	426	75	1069	121	20	919	RIO GRANDE RIVER
31	4637	WEMINUCHE PASS DITCH	PINE RIVER	557	46	1094	70	20	922	RIO GRANDE RIVER
78	4672	WILLIAMS CREEK-SQUAW PASS D.	PIEDRA RIVER	313	67	421	70	20	923	RIO GRANDE RIVER
78	4670	DON LA FONT #1 (S RIVER PEAK)	PIEDRA RIVER	49	42	0	0	20	917	RIO GRANDE RIVER
78	4671	DON LA FONT #2 (PIEDRA PASS D.)	PIEDRA RIVER	259	74	64	29	20	918	RIO GRANDE RIVER

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of Year
				AF	Date	AF	Date	
29	3654	Echo Canyon Reservoir	Echo Creek	2,148.8	11/1/96	2,148.8	10/22/97	2,148.8
29	3644	Borns Lake Reservoir	West Fk. San Juan R.	67.9	11/1/96	67.9	10/31/97	67.9
		Total of all < 50 AF		140.8		187.9		153.2
		Total for District 29		2,357.5		2,404.6		2,369.9

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of Year
				AF	Date	AF	Date	
30	3534	Andrews Lake	Lime Creek	131.0	11/1/96	131.0	10/10/97	131.0
30	3536	Cascade	Elbert Creek	8,190.0	4/1/97	23,385.0	7/6/97	20,984.0
30	3540	Haviland Lake	Elbert Creek	496.5	11/1/96	526.0	5/22/97	526.0
30	3546	Ice Lake	Elbert Creek	416.0	11/1/96	416.0	10/31/97	416.0
30	3547	Keeler Lake	Elbert Creek	487.0	7/10/97	488.0	11/1/96	488.0
30	3548	Lake of the Pines	Little Cascade Creek	114.0	11/1/96	114.0	10/31/97	114.0
30	3560	Turner Ponds	Animas River	84.0	11/1/96	84.0	10/31/97	84.0
30	3561	Turner Reservoir	Waterfall Creek	288.0	11/1/96	472.0	5/22/97	432.0
30	3576	Florida Canal and Res	Florida River	52.5	11/1/96	128.0	5/15/97	64.3
30	3581	Lemon Reservoir	Florida River	8,212.0	11/9/96	39,805.0	6/29/97	30,658.0
30	3622	Henderson Lake	Animas River	58.0	11/1/96	58.0	10/31/97	58.0
30	3625	Naegelin Lake	Junction Creek	240.0	11/1/96	300.0	5/22/97	300.0
30	3630	Twilight Lake	Purgatory Creek	60.0	11/1/96	60.0	10/31/97	60.0
30	3707	Johnson Reservoir	Coal Creek	764.0	11/1/96	1,023.0	5/15/97	915.0
30	3724	Johnson Lake #2	Wildcat Canyon	90.0	11/1/96	150.0	3/15/97	125.0
		Total of all < 50 AF		249.1		378.2		361.1
		Total for District 30		19,932.1		67,518.2		55,716.4

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of Year
				AF	Date	AF	Date	
31	3518	Vallecito Reservoir	Pine River	36,720.9	11/1/96	125,362.8	6/29/97	76,776.8
31	3617	Wommer Reservoir	Little Bear Creek	166.9	11/1/96	208.5	5/5/97	208.5
31	3805	Gosney Gravel Pit	Pine River	123.2	11/1/96	123.2	10/31/97	123.2
		Total of all < 50 AF		0.0		0.0		0.0
		Total for District 31		37,011.0		125,694.5		77,108.5

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of Year
				AF	Date	AF	Date	
32	3601	Totten Reservoir	Transbasin Water	826.1	4/28/97	2,948.0	7/11/97	2,276.5
32	3602	Narraguinnep Reservoir	Transbasin Water	15,093.4	5/26/97	18,326.3	8/21/97	16,155.1
32	3603	A M Puett Reservoir	Transbasin Water	586.0	11/1/96	2,258.3	6/10/97	2,022.5
		Total of all < 50 AF		88.7		90.7		90.7
		Total for District 32		16,594.2		23,623.3		20,544.8

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of Year
				AF	Date	AF	Date	
33	3522	Red Mesa Ward Reservoir	Hay Gulch	0.0	11/1/96	1,176.0	4/30/97	1,094.0
33	3523	Taylor Reservoir	La Plata River	85.6	5/1/97	85.6	10/31/97	85.6
		Total of all < 50 AF						
		Total for District 33		85.6		1,261.6		1,179.6

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of Year
				AF	Date	AF	Date	
34	3585	Bauer Reservoir No 1	Crystal Creek	125.0	11/1/96	357.0	4/10/97	220.0
34	3586	Bauer Reservoir No 2	Chicken Creek	324.5	11/1/96	1,592.9	5/5/97	880.5
34	3589	Jackson Gulch Reservoir	West Fork Mancos R	1,561.0	11/1/96	10,018.0	5/12/97	6,788.0
34	3590	L A Bar Reservoir	Chicken Creek	26.9	11/1/96	73.3	5/5/97	40.8
34	3592	Sellers & McClane Res	Mud Creek	11.7	11/1/96	52.1	3/14/97	52.1
34	3594	Weber	Middle Fork Mancos R	200.0	11/1/96	441.9	3/20/97	309.8
		Total of all < 50 AF		17.5		68.5		50.9
		Total for District 34		2,266.6		12,603.7		8,342.1

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of Year
				AF	Date	AF	Date	
69	3529	Belmar Lake Reservoir	Rincone Creek	199.3	11/1/96	408.6	5/2/97	273.8
69	3530	Dunham Reservoir	Disappointment Creek	47.6	11/1/96	78.8	5/2/97	78.8
69	3532	Morrison Reservoir	Morrison Creek	75.5	11/1/96	116.3	5/2/97	105.8
		Total of all < 50 AF		21.3		50.6		50.6
		Total for District 69		343.7		654.3		509.0

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of Year
				AF	Date	AF	Date	
71	3606	Big Pine Reservoir	Lost Canyon	47.2	11/1/96	259.0	3/22/97	109.0
71	3607	Buck Pasture Reservoir	Beaver Creek	0.0	11/1/96	53.0	5/2/97	53.0
71	3610	Ethel Belmear Reservoir	Beaver Creek	69.2	11/1/96	87.3	5/2/97	87.3
71	3612	Groundhog Reservoir	Groundhog Creek	9,787.0	11/1/96	21,490.0	6/26/97	17,582.0
71	3613	Lost Canyon Lake	Lost Canyon	106.2	11/1/96	106.2	10/3197	106.2
71	3614	McPhee Reservoir	Dolores River	246,013.0	11/1/96	380,047.0	7/1/97	333,510.0
71	3619	Summit Reservoir	Lost Canyon	0.0	11/1/96	4,470.0	6/2/97	0.0
		Total of all < 50 AF		8.1		16.2		16.2
		Total for District 71		256,030.7		406,528.7		351,463.7

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of Year
				AF	Date	AF	Date	
77	3512	Spence Reservoir	Coyote Creek	218.0	11/1/96	441.0	6/9/97	441.0
77	3696	Sappington Reservoir	Coyote Creek	170.8	11/1/96	320.0	6/9/97	201.0
		Total of all < 50 AF		15.4		15.4		15.4
		Total for District 77		404.2		776.4		657.4

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of Year
				AF	Date	AF	Date	
78	3624	Dunagan Reservoir	Stollsteimer Creek	15.6	11/1/96	93.4	5/1/97	62.3
78	3626	G S Hatcher	Stollsteimer Creek	1,004.2	3/1/97	1,735.0	4/1/97	1,735.0
78	3629	Linn and Clark Reservoir	Dutton Creek	1,120.0	11/1/96	1,230.0	3/31/97	1,230.0
78	3633	Pargin Reservoir	Stollsteimer Creek	512.0	11/1/96	531.0	3/31/97	531.0
78	3636	Pinõn Lake	Dutton Creek	71.2	11/1/96	162.0	4/1/97	145.0
78	3642	Williams Creek Reservoir	Williams Creek	10,084.0	11/1/96	10,084.0	10/31/97	10,084.0
78	3644	Lake Forest	Dutton Creek	372.6	11/1/96	465.0	4/1/97	418.6
78	3645	Stevens Reservoir	Dutton Creek	368.5	11/1/96	635.0	4/1/97	635.0
78	3646	Town Center Lake	Dutton Creek	235.0	11/1/96	630.0	3/31/97	533.8
78	3650	Palisade Lake	Middle Fork Piedra R	50.0	11/1/96	50.0	10/31/97	50.0
		Total of all < 50 AF		116.1		151.0		144.9
		Total for District 78		13,949.2		15,766.4		15,569.6

1997 WATER DIVERSION SUMMARIES

WD	STRUCTURES REPORTING			ALL OTHER STRUCTURES		ESTIMATED NUMBER OF VISITS TO STRUCTURE	TOTAL DIVERSIONS (ACRE-FEET)	TOTAL DIVERSIONS TO STORAGE (ACRE-FEET)	TO IRRIGATION		
	WITH RECORD (1)	NO WATER AVAILABLE (2)	NO WATER TAKEN (3)	NO INFORMATION AVAILABLE (4)	NO RECORD (5)				TOTAL DIVERSIONS (ACRE-FEET)	NUMBER OF ACRES IRRIGATED	AVERAGE ACRE-FEET PER ACRE
29	304	9	183	12	0	3,343	105,290	65	30,012	11,305	2.65
30	875	27	458	3	0	21,198	321,809	47,392	135,552	31,827	4.26
31	248	38	180	6	0	7,012	620,544	116,723	200,810	48,021	4.18
32 *	301	2	160	16	0	6,319	275,368	6,626	218,262	66,782	3.27
33	142	50	64	2	0	6,669	47,558	1,570	39,526	12,588	3.14
34 **	132	7	38	29	0	2,203	54,894	11,977	35,550	11,673	3.05
46	49	3	8	0	0	739	5,375	0	2,988	945	3.16
69	31	0	14	0	0	227	5,354	434	4,518	1,424	3.17
71	136	0	76	2	0	6,944	401,293	200,877	11,399	1,814	6.28
77	109	0	41	0	0	1,566	91,878	491	13,112	1,684	7.79
78	176	3	59	6	0	2,224	25,880	2,220	17,082	6,251	2.73
TOTAL	2,503	139	1,281	76	0	58,444	1,955,243	388,375	708,811	194,314	3.65

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

* Total Deliveries from Dolores River Basin, Dist. 71, 173,703 A.F. of which 161,262 were for irrigation.

** Total Deliveries from Dolores River Basin, Dist. 71, 418 A.F. of which 403 were for irrigation.

1997 WATER DIVERSION SUMMARIES TO VARIOUS USES

WD	TRANSMOUNTAIN OUTFLOW	TRANSBASIN OUTFLOW	MUNICIPAL	COMMERCIAL	INDUSTRIAL	RECREATION	FISHERY	DOMESTIC & HOUSEHOLD	STOCK
29	245	3,674	958	736	0	0	4,694	84	2,520
30	1,049	0	4,634	824	418	474	14,110	349	31,284
31	2,163	0	841	54	3	132	4,549	82	333
32 *	0	0	5,263	5	0	0	0	8	854
33	0	1,142	0	4	0	0	0	30	2,991
34	0	0	1,460	2	0	0	1,101	15	4,775
46	0	0	0	0	0	463	0	0	30
69	0	0	0	0	0	0	362	0	40
71 **	182,035	0	396	2	0	0	3,970	12	275
77	0	0	0	2	1	0	2,042	83	233
78	485	0	1,054	73	0	36	1,884	81	3,030
TOTAL	185,977	4,816	14,606	1,702	422	1,105	32,712	744	46,365

* Municipal Use in Dist. 32 delivered from Transbasin - Dist. 71.

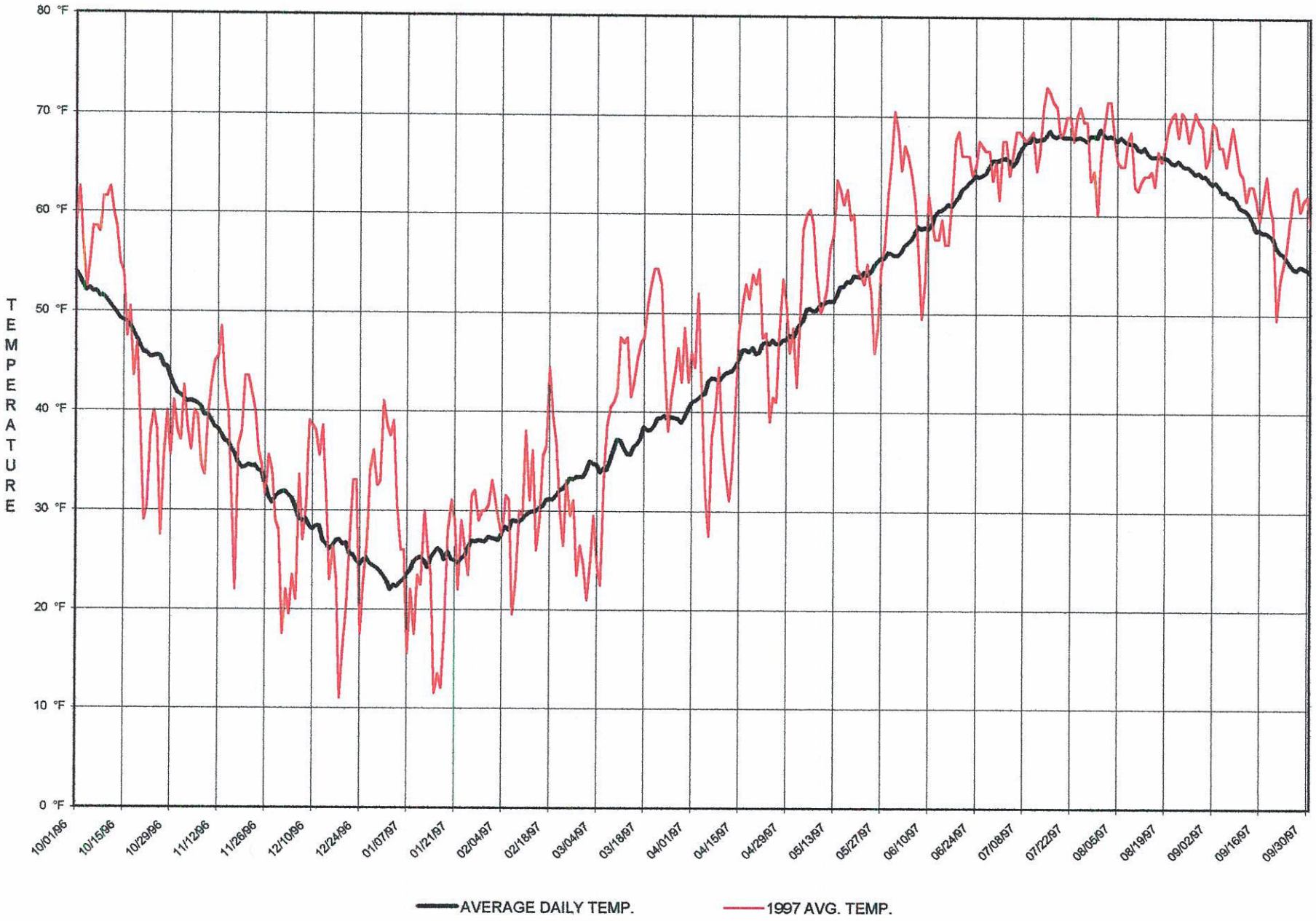
** Transbasin outflow in Dist. 71 diverted to Dist. 32 and Dist. 34.

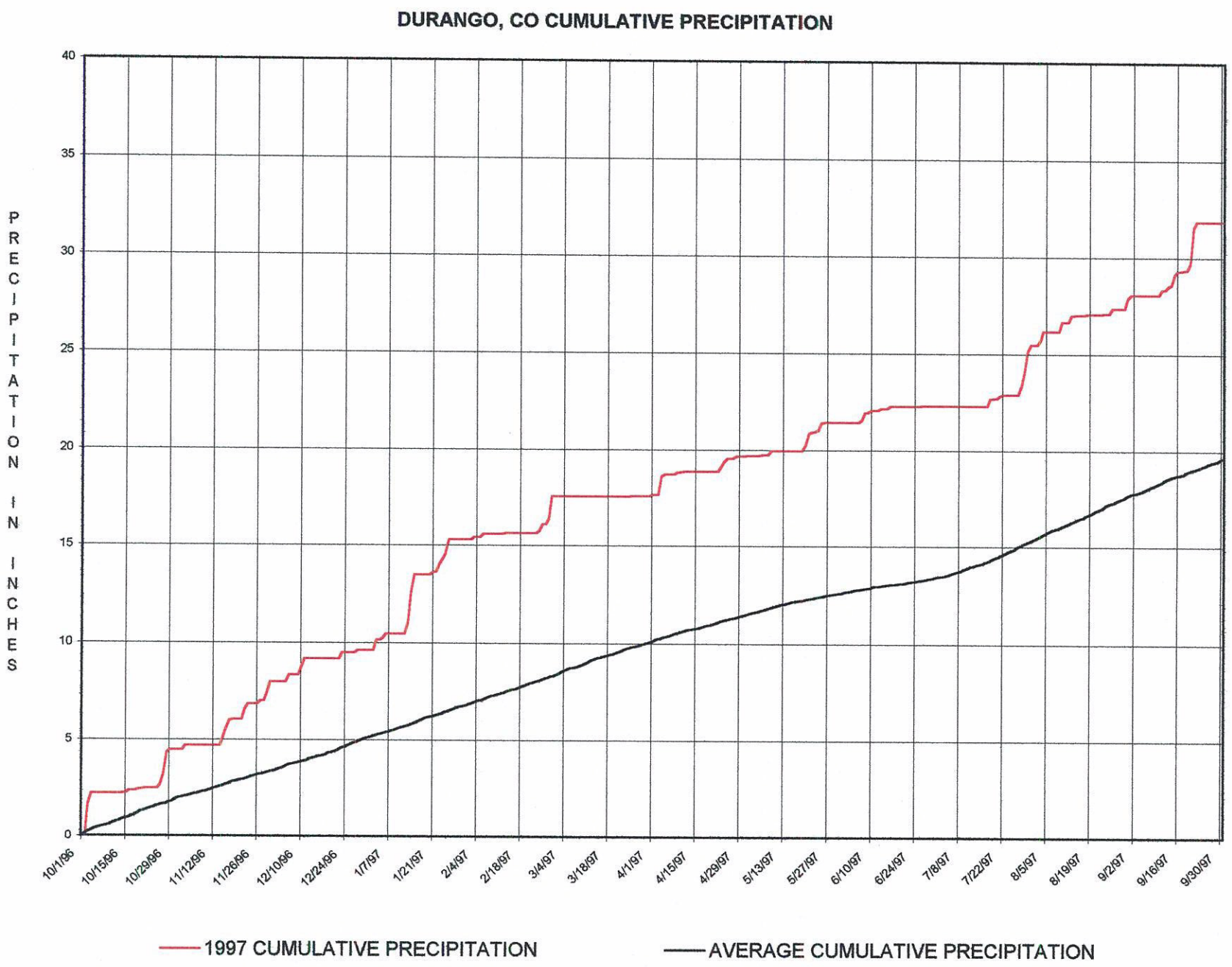
1997 WATER DIVERSION SUMMARIES TO VARIOUS USES (CONTINUED)

WD	AUGMENTATION	EVAPORATION	GEOTHERMAL *	SNOWMAKING	MINIMUM STREAMFLOW	POWER GENERATION	WILDLIFE	RECHARGES	OTHER
29	20	0	0	0	0	0	0	0	0
30	148	32	0	44	0	70,880	0	17	0
31	0	3,002	0	0	0	291,850	0	0	0
32	23	0	0	0	0	0	1	0	0
33	4	0	0	0	0	0	0	1	364
34	0	0	0	0	0	0	0	20	0
46	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	1	0	0
71	178	0	0	0	0	0	2	0	0
77	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0
TOTAL	373	3,034	0	44	0	362,730	4	38	364

* Geothermal water included in Commercial, Municipal, and Recreation categories.

DURANGO, CO TEMPERATURES




DURANGO, CO CUMULATIVE PRECIPITATION
PRECIPITATION IN INCHES
0
5
10
15
20
25
30
35
40
10/1/96
10/15/96
10/29/96
11/12/96
11/26/96
12/10/96
12/24/96
1/7/97
1/21/97
2/4/97
2/18/97
3/4/97
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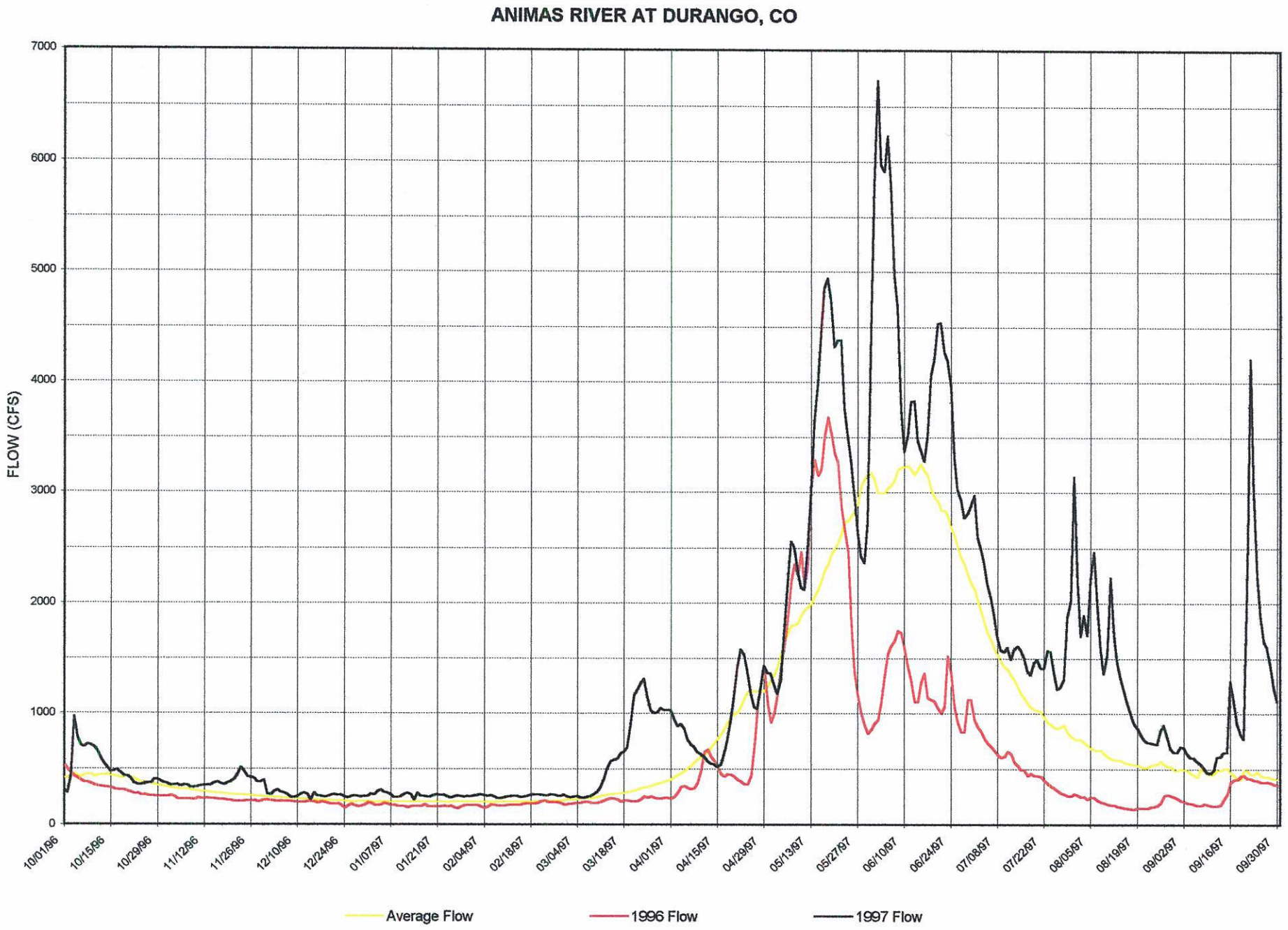
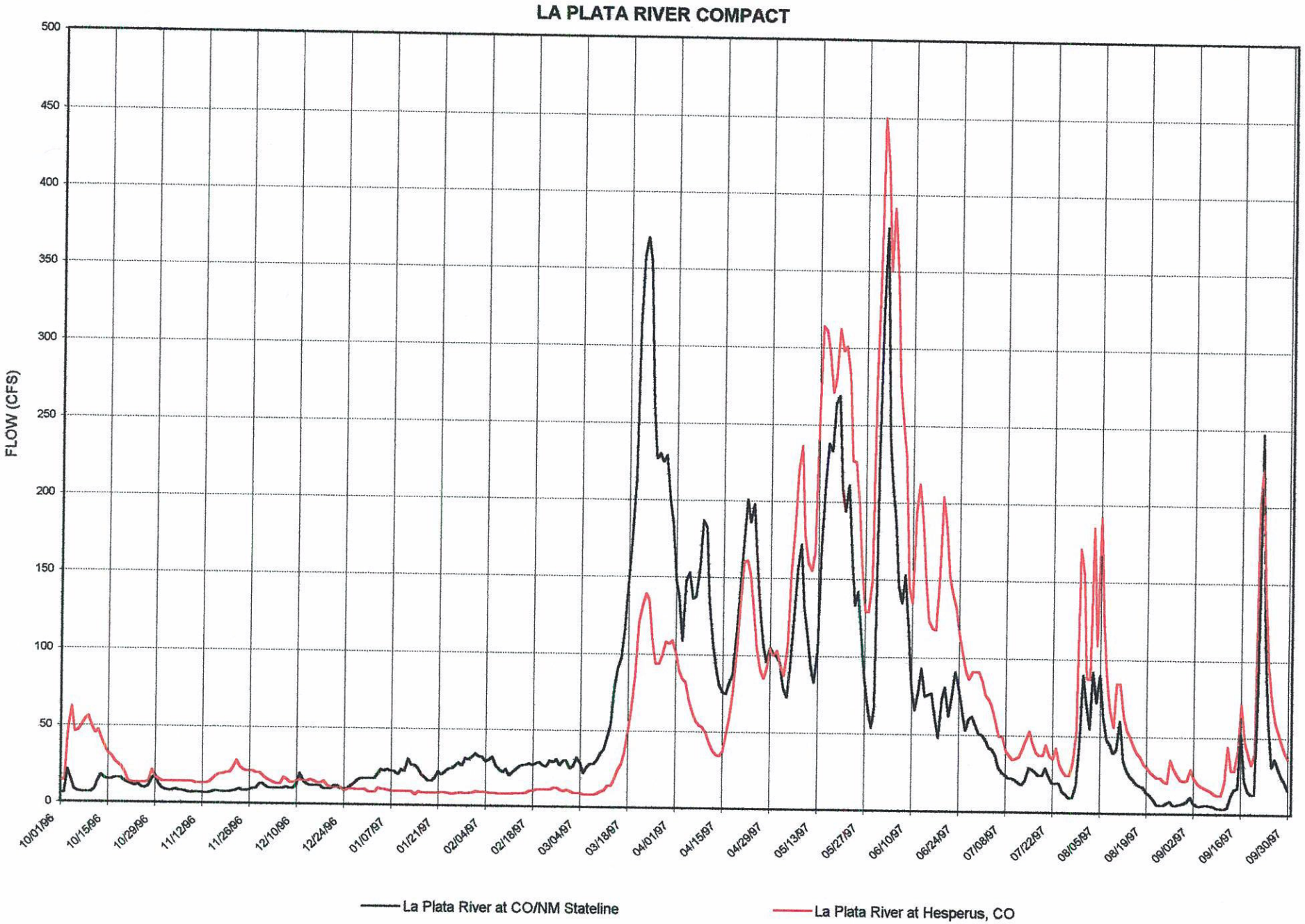
4/15/97
4/29/97
5/13/97
5/27/97
6/10/97
6/24/97
7/8/97
7/22/97
8/5/97
8/19/97
9/2/97
9/16/97
9/30/97
1997 CUMULATIVE PRECIPITATION
AVERAGE CUMULATIVE PRECIPITATION


ANIMAS RIVER AT DURANGO, CO
FLOW (CFS)
7000
6000
5000
4000
3000
2000
1000
0
10/01/96
10/15/96
10/29/96
11/12/96
11/26/96
12/10/96
12/24/96
01/07/97
01/21/97
02/04/97
02/18/97
03/04/97
03/18/97
04/01/97
04/15/97
04/29/97
05/13/97
05/27/97
06/10/97
06/24/97
07/08/97
07/22/97
08/05/97
08/19/97
09/02/97
09/16/97
09/30/97
Average Flow
1996 Flow
1997 Flow


LA PLATA RIVER COMPACT
FLOW (CFS)
500
450
400
350
300
250
200
150
100
50
0
10/01/96
10/15/96
10/29/96
11/12/96
11/26/96
12/10/96
12/24/96
01/07/97
01/21/97
02/04/97
02/18/97
03/04/97
03/18/97
04/01/97
04/15/97
04/29/97
05/13/97
05/27/97
06/10/97
06/24/97
07/08/97
07/22/97
08/05/97
08/19/97
09/02/97
09/16/97
09/30/97
La Plata River at CO/NM Stateline
La Plata River at Hesperus, CO

LA PLATA RIVER COMPACT MONTHLY ADMINISTRATIVE SUMMARY (ACRE-FEET)

MONTH	HESPERUS STATION	LA PLATA & CHERRY CR. DITCH	PINE RIDGE DITCH	HESPERUS TOTAL	STATE LINE STATION	ENTERPRISE DITCH (NM)	PIONEER DITCH	DELIVERED STATE LINE TOTAL	REQUIRED TOTAL (1/2 HESP TOTAL*)
DECEMBER	794	0	70	864	750	23	3	776	---
JANUARY	267	0	0	267	1410	7	0	1420	---
FEBRUARY	532	0	0	532	1530	5	0	1540	---
MARCH	3330	17	0	3350	8520	19	0	8540	---
APRIL	4930	182	0	5110	7820	11	123	7950	---
MAY	13110	154	356	13600	8890	53	171	9110	---
JUNE	11094	1136	531	12800	6538	117	264	6920	4340
JULY	3193	607	247	4050	1969	127	196	2290	1950
AUGUST	3533	104	181	3820	1808	98	193	2100	1970
SEPTEMBER	3088	104	7	3200	1827	124	95	2050	1270
OCTOBER	1452	0	0	1450	1000	52	173	1230	630
NOVEMBER	726	0	0	726	1750	20	120	1890	---
TOTALS *	22360	1846	966	25200	12941	518	920	14400	10200

On May 30, 1997 New Mexico requested 80 CFS

On June 11, 1997 New Mexico Water Master requested 60 to 70 CFS

On June 16, 1997 excessive flows observed in New Mexico

On June 17, 1997 Targeted 45 CFS plus ditches for delivery

On June 18, 1997 targeted 60 CFS total for delivery

On June 20, 1997 due to major diurnal 80 CFS was used for maximum delivery requirement

July 30, River was meeting all water user needs and compact requirements

Sept. 24, 1997: New Mexico requested 19 CFS maximum

Oct. 3, 1997: New Mexico requested 10 CFS maximum

* TOTALS ARE FOR PERIOD OF COMPACT CALL.

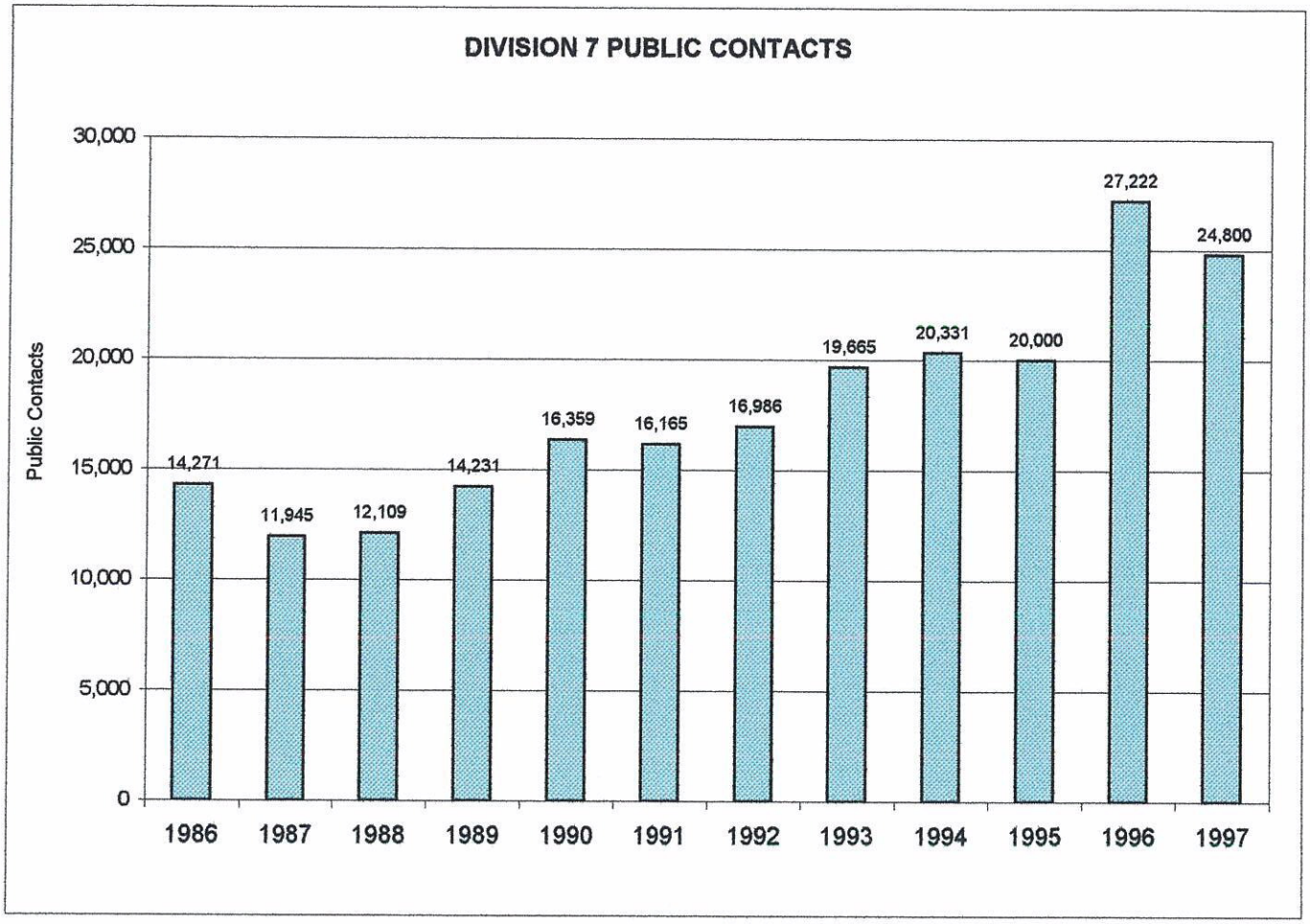
UPPER BASIN COMPACT -- SAN JUAN-CHAMA DIVERSIONS

WATER YEAR	RIO BLANCO DIVERSION	LITTLE OSO DIVERSION	OSO DIVERSION	TOTAL COLO. DIVERSION	AZOTEA TUNNEL (USGS)	TEN-YEAR TOTALS (USGS)	% DIFF
1971	25,190	1,340	24,980	51,510	59,980		-16.4%
1972	28,290	1,120	24,310	53,720	58,070		-8.1%
1973	70,900	9,720	79,810	160,430	153,300		4.4%
1974	25,290	1,070	18,700	45,060	47,230		-4.8%
1975	58,780	8,120	69,200	136,100	145,100		-6.6%
1976	41,000	2,420	36,950	80,370	85,230		-6.0%
1977	13,450	37	3,930	17,417	19,390		-11.3%
1978	44,010	2,820	50,310	97,140	104,200		-7.3%
1979	60,150	8,980	87,730	156,860	164,200		-4.7%
1980	57,760	6,970	72,460	137,190	143,600	980,300	-4.7%
1981	25,690	1,640	22,260	49,590	53,960	974,280	-8.8%
1982	48,340	6,860	63,810	119,010	127,100	1,043,310	-6.8%
1983	46,960	8,110	69,680	124,750	134,300	1,024,310	-7.7%
1984	45,180	6,070	55,220	106,470	113,600	1,090,680	-6.7%
1985	32,700	9,630	44,630	86,960	91,800	1,037,380	-5.6%
1986	35,520	4,720	43,620	83,860	89,180	1,041,330	-6.3%
1987	32,120	4,380	42,360	78,860	83,050	1,104,990	-5.3%
1988	29,200	972	29,780	59,952	63,530	1,064,320	-6.0%
1989	20,400	672	26,630	47,702	48,570	948,690	-1.8%
1990	37,630	1,480	32,510	71,620	71,700	876,790	-0.1%
1991	51,730	3,930	59,780	115,440	119,400	942,230	-3.4%
1992	32,910	6,340	43,990	83,240	87,080	902,210	-4.6%
1993	34,960	6,210	52,740	93,910	98,810	866,720	-5.2%
1994	28,080	5,020	44,260	77,360	82,200	835,320	-6.3%
1995	34,980	5,220	44,840	85,040	86,270	829,790	-1.4%
1996	26,780	950	27,640	55,370	57,240	797,850	-3.4%
1997	62,320	4,450	71,470	138,240			
AVG.	38,000	4,415	45,082	87,497	93,524	973,696	-6.9%

LIMITS: 1,350,000 ACRE-FEET IN ANY TEN CONSECUTIVE YEARS, 270,000 ACRE-FEET IN ANY YEAR

WATER DIVISION SEVEN
ACTIVITY SUMMARY
FISCAL YEAR 1997

ACTIVITY	TOTAL
NUMBER OF PROFESSIONAL & TECHNICAL STAFF	4
NUMBER OF CLERICAL STAFF	1
NUMBER OF WATER COMMISSIONER FTE ASSIGNED	14.92
NUMBER OF DECREED SURFACE RIGHTS	100
NUMBER OF SURFACE RIGHTS ADMINISTERED	18,364
NUMBER OF WELLS	888
NUMBER OF PLANS FOR AUGMENTATION	1
NUMBER OF CONSULTATIONS WITH REFEREE	140
NUMBER OF WATER COURT APPEARANCES	25
NUMBER OF MEETINGS W/ WATER USERS	165
NUMBER OF MEETINGS TO RESOLVE WATER RELATED DISPUTES	60
NUMBER OF PUBLIC ASSISTANCE CONTACTS ON WATER MATTERS	24,800



Annual Number of Public Contacts

1986	14,271
1987	11,945
1988	12,109
1989	14,231
1990	16,359
1991	16,165
1992	16,986
1993	19,665
1994	20,331
1995	20,000
1996	27,222
1997	24,800

WATER COURT ACTIVITIES

CALENDAR YEAR 1997

NUMBER OF APPLICATIONS FOR DECREES	94
NUMBER OF CONSULATATIONS WITH REFEREE	140
NUMBER OF DECREES ISSUED BY WATER COURT	100
TYPE OF DECREE:	
SURFACE WATER	51
GROUND WATER	3
RESERVOIRS	0
TRANSFER	0
ALTERNATE POINT	1
CHANGE IN USE	13
PLANS FOR AUGMENTATION	1
IN-STREAM FLOW	0
OTHER	43
NUMBER OF STRUCTURES IN DECREES:	
TYPE OF STRUCTURES:	
DITCHES	27
RESERVOIRS	2
WELLS	41
OTHER (SPRINGS, PIPELINES, PUMPS, ETC.)	90
TOTAL STRUCTURES:	160

OFFICE ADMINISTRATION FY 1997

NAME	POSITION	FY MONTHS BUDGETED	FY MONTHS WORKED	FY MILEAGE
Kenneth A. Beegles	Division Engineer	12	12	1,644
Bruce T. Whitehead	Asst. Div. Engineer	12	12	1,143
Scott D. Brinton	Hydrographer	12	12	17,460
Frank J. Kugel	Dam Safety Engineer	12	12	15,962
Shari Titus	Admin. Asst. III	12	12	0

FULL-TIME EMPLOYEES IN THE FIELD

NAME	POSITION	DISTRICT			
Harold Baxstrom	Eng Tech II	30/Florida	12	12	12,799
Robert Becker	Eng Tech II	69, 71	12	12	8,656
Glen Humiston	Eng Tech III	32,34,69,71	12	12	16,493
J. Russell Kennedy	Eng Tech II	33	12	12	13,252
David Nelson	Eng Tech II	30/Animas	12	12	7,822
Hal Pierce	Eng Tech II	31, 46	12	12	16,419
John (Val) Valentine	Eng Tech II	29,77,78	12	12	14,338

PERMANENT PART-TIME EMPLOYEES IN THE FIELD

Robert Daniels	Eng Tech I	31,46	8.5	8.5	11,538
Marty Robbins	Eng Tech I	32	9	9	11,107
Matthew Schmitt	EPS Asst II	33	4.5	4.5	5,264
Sherry Schutz	Eng Tech I	77	8	8	13,381
John Taylor	Eng Tech I	78	5	5	4,570

TEMPORARY PART-TIME EMPLOYEES IN THE OFFICE

Agnes Suazo	Eng Tech I	Hydro/G.W.	1	2	563
Joanna Daniels	Eng Tech	Hydro	1	2	0

SPECIAL NOTE:
1 Month of A. Suazo's time came from Groundwater Decentalization

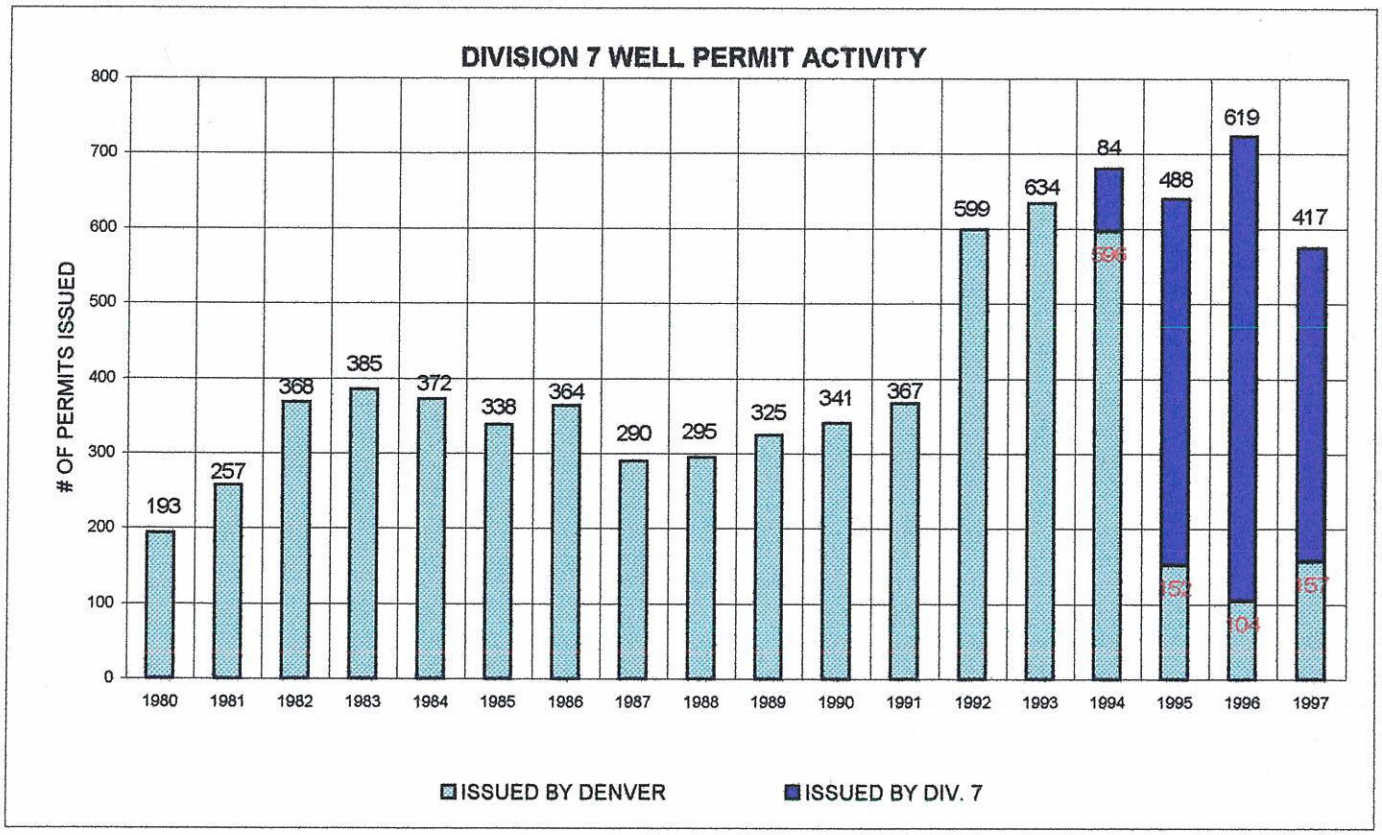
TOTAL MAN-MONTHS:	179	179	
TOTAL FTE:	14.92	14.92	
TOTAL MILES DRIVEN:			172,411

BUDGET PROJECTIONS
DIVISION 7

MONTH	FY 95 -96 EXPENSES	PROJECTED FY 96 - 97	EST CUMULATIVE EXPENDITURES	FY 96 -97 EXPENSES
JULY	4,110	5,500	5,500	4,934
AUGUST	4,884	5,500	11,000	4,476
SEPTEMBER	3,939	4,500	15,500	4,251
OCTOBER	5,077	3,200	18,700	4,523
NOVEMBER	2,697	2,500	21,200	3,074
DECEMBER	2,322	2,200	23,400	2,526
JANUARY	1,622	2,200	25,600	2,528
FEBRUARY	2,532	2,200	27,800	2,037
MARCH	3,399	3,200	31,000	3,965
APRIL	3,625	3,700	34,700	3,493
MAY	4,096	5,000	39,700	3,917
JUNE	7,042	5,700	45,400	5,712
TOTAL	$45,345	$45,400	$45,385	$45,436
REMAINING	-$61		amount left->	-$36

DIVISION 7
1997 RIVER CALLS

WD	RIVER	INITIAL CALLING STRUCTURE	PRIORITY No.	DATE ON CALL	MOST SENIOR CURTAILED STRUCTURE	PRIORITY No.	DATE OFF CALL	DAYS
29	FOUR MILE CREEK	Mesa Ditch	3	07/15/97	Mesa Ditch	3	07/30/97	16
29	RITO BLANCO	M. O. Brown	7	07/14/97	Echo Ditch	9	09/22/97	70
30	FLORIDA RIVER	Florida Farmers D.	F-84	07/04/97	Florida Canal	F-23	09/22/97	79
30	ELBERT CREEK	Conley Ditch	E-1	07/07/97	Power Canal No. 1	65-9A	08/04/97	28
30	JUNCTION CREEK	Quinn-Naegelin Ditch	J-6	09/08/97	Quinn-Naegelin Ditch	J-6	09/12/97	4
30	LITTLE CASCADE CREEK	Little Cascade Creek Canal	65-9	05/07/97	Little Cascade Creek Canal	65-9	10/31/97	176
32	LYNCH DRAW	Eaton Ditch	62-27	05/12/97	Calhoun Ext Of Luxton Ditch	62-61C	05/15/97	3
33	LA PLATA RIVER (Hesperus to Stateline)	Big Stick Ditch	68	06/14/97	Big Stick Ditch	10	09/21/97	73
33	LA PLATA RIVER (Hesperus to Breen)	H H Ditch	42	08/23/97	Big Stick Ditch	10	09/13/97	20
33	LA PLATA RIVER (Breen to Stateline)	Joseph Freed Ditch	56	08/23/97	White-Roux And Owens Ditch	43	09/12/97	20
34	MANCOS RIVER	Long Park Ditch	M-45	07/08/97	Weber,Lee,Field,Ratliff & Root Henry Bolen,Carpenter And Mitchell	M-17	07/31/97	23



SUMMARY OF WELL PERMITS ISSUED FOR DIVISION 7
1980 - 1995

CALENDAR YEAR	ISSUED BY DENVER	ISSUED BY DIVISION 7
1980	193	
1981	257	
1982	368	
1983	385	
1984	372	
1985	338	
1986	364	
1987	290	
1988	295	
1989	325	
1990	341	
1991	367	
1992	599	
1993	634	
1994	596	84
1995	152	488
1996	104	619
1997	157	417

1997 IRRIGATION YEAR SUMMARY
DISTRICT 29

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	28,344
STORAGE	65
STOCKWATER	2,520
MUNICIPAL	958
DOMESTIC	83
INDUSTRIAL	0
RECREATION	0
FISH	4,694
OTHER:COMMERCIAL,AUGMENTATION	736
TRANSMOUNTAIN-TRANSBASIN	3,756
INTERSTATE	62,319
TOTAL DIVERSIONS.....	103,475
DELIVERIES FROM STORAGE	
IRRIGATION	4
DOMESTIC	1
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	163
OTHER:AUGMENTATION,ETC.	20
TOTAL DIVERSIONS.....	188
DELIVERIES FROM TRANSBASIN	
IRRIGATION	1,664
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	1,664
DUTY OF WATER:	
TOTAL TO IRRIGATION	30,012
ACRES IRRIGATED	11,305
ACRE-FEET DIVERTED PER ACRE	2.65
NUMBER OF STRUCTURES OBSERVED	513
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	5
ACTIVE DIVERSIONS-DAILY	164
-INFREQUENT STRUCTURES	141
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	9
-NOT USED (A,C,D, CODES)	183
-NO INFORMATION AVAILABLE (F CODE)	11
NUMBER OF DITCHES, SURFACE RIGHTS	336
NUMBER OF RESERVOIRS	96
NUMBER OF WELLS	78
NUMBER OF OBSERVATIONS	3,343

1997 IRRIGATION YEAR SUMMARY
DISTRICT 30

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	122,747
STORAGE	46,618
STOCKWATER	30,391
MUNICIPAL	4,634
DOMESTIC	348
INDUSTRIAL,POWER	42,417
RECREATION	404
FISH	14,108
OTHER:COMMERCIAL,RECHARGE,AUGMENTATION,etc..	622
TRANSMOUNTAIN-TRANSBASIN	1,049
INTERSTATE	6,961
TOTAL DIVERSIONS.....	270,299
DELIVERIES FROM STORAGE	
IRRIGATION	12,053
DOMESTIC	1
MUNICIPAL	0
STOCK	893
INDUSTRIAL	28,881
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:COMMERCIAL,RECHARGE,EVAP,AUGMENTATION	366
SNOWMAKING	44
TOTAL DIVERSIONS.....	42,238
DELIVERIES FROM TRANSBASIN	
IRRIGATION	687
STORAGE	574
MUNICIPAL	0
STOCK	0
OTHER:COMMERCIAL,etc.	33
TOTAL FROM TRANSBASIN.....	1,294
DUTY OF WATER:	
TOTAL TO IRRIGATION	135,487
ACRES IRRIGATED	31,827
ACRE-FEET DIVERTED PER ACRE	4.26
NUMBER OF STRUCTURES OBSERVED	1,378
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	2
ACTIVE DIVERSIONS-DAILY	281
-INFREQUENT STRUCTURES*	609
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	27
-NOT USED (A,C,D, CODES)	458
-NO INFORMATION AVAILABLE (F CODE)	1
NUMBER OF DITCHES	759
NUMBER OF RESERVOIRS	175
NUMBER OF WELLS	454
NUMBER OF OBSERVATIONS	21,198

1997 IRRIGATION YEAR SUMMARY
DISTRICT 31

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	200,810
STORAGE	116,723
STOCKWATER	333
MUNICIPAL	841
DOMESTIC	82
POWER,INDUSTRIAL	291,853
RECREATION	132
FISH	4,549
OTHER:COMMERCIAL	54
TRANSMOUNTAIN-TRANSBASIN	2,163
TOTAL DIVERSIONS.....	617,540
DELIVERIES FROM STORAGE	
IRRIGATION	0
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:EVAPORATION,AUGMENTATION	3,002
TOTAL DIVERSIONS.....	3,002
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	200,810
ACRES IRRIGATED	48,021
ACRE-FEET DIVERTED PER ACRE	4.18
NUMBER OF STRUCTURES OBSERVED	756
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY	125
-INFREQUENT STRUCTURES	407
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	38
-NOT USED (A,C,D, CODES)	180
-NO INFORMATION AVAILABLE (F CODE)	5
NUMBER OF DITCHES, OTHER SURFACE RIGHTS	428
NUMBER OF RESERVOIRS	39
NUMBER OF WELLS	329
NUMBER OF OBSERVATIONS	7,012

1997 IRRIGATION YEAR SUMMARY
DISTRICT 32

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	49,042
STORAGE	0
STOCKWATER	229
MUNICIPAL	0
DOMESTIC	8
INDUSTRIAL	0
RECREATION	0
FISH	0
OTHER:COMMERCIAL	5
TRANSMOUNTAIN-TRANSBASIN	0
TOTAL DIVERSIONS.....	49,284
DELIVERIES FROM STORAGE	
IRRIGATION	7,883
DOMESTIC	0
MUNICIPAL	0
STOCK	95
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:COMMERCIAL,AUGMENTATION	1
TOTAL DIVERSIONS.....	7,979
DELIVERIES FROM TRANSBASIN	
IRRIGATION	161,262
STORAGE	6,626
MUNICIPAL	5,263
STOCK	530
OTHER:AUGMENTATION	22
TOTAL FROM TRANSBASIN.....	173,703
DUTY OF WATER:	
TOTAL TO IRRIGATION	218,187
ACRES IRRIGATED	70,436
ACRE-FEET DIVERTED PER ACRE	3.10
NUMBER OF STRUCTURES OBSERVED	600
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY	199
-INFREQUENT STRUCTURES	223
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	2
-NOT USED (A,C,D, CODES)	160
-NO INFORMATION AVAILABLE (F CODE)	15
NUMBER OF DITCHES, SURFACE RIGHTS	480
NUMBER OF RESERVOIRS	20
NUMBER OF WELLS	43
NUMBER OF OBSERVATIONS	6,319

1997 IRRIGATION YEAR SUMMARY
DISTRICT 33

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	38,607
STORAGE	1,570
STOCKWATER	2,475
MUNICIPAL	0
DOMESTIC	30
INDUSTRIAL	0
RECREATION	0
FISH	0
OTHER:COMMERCIAL	4
TRANSMOUNTAIN-TRANSBASIN	1,142
INTERSTATE	1,928
TOTAL DIVERSIONS.....	43,828
DELIVERIES FROM STORAGE	
IRRIGATION	919
DOMESTIC	0
MUNICIPAL	0
STOCK	5
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:RECHARGE,AUGMENTATION	5
TOTAL DIVERSIONS.....	929
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	39,526
ACRES IRRIGATED	12,588
ACRE-FEET DIVERTED PER ACRE	3.14
NUMBER OF STRUCTURES OBSERVED	295
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	2
ACTIVE DIVERSIONS-DAILY	49
-INFREQUENT STRUCTURES	129
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	50
-NOT USED (A,C,D, CODES)	64
-NO INFORMATION AVAILABLE (F CODE)	1
NUMBER OF DITCHES, SURFACE RIGHTS	244
NUMBER OF RESERVOIRS	17
NUMBER OF WELLS	50
NUMBER OF OBSERVATIONS	6,669

1997 IRRIGATION YEAR SUMMARY
DISTRICT 34

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	33,528
STORAGE	11,882
STOCKWATER	4,745
MUNICIPAL	1,073
DOMESTIC	15
RECREATION	0
FISH	1,095
OTHER:	0
TOTAL DIVERSIONS.....	52,338

DELIVERIES FROM STORAGE	
IRRIGATION	1,629
DOMESTIC	0
MUNICIPAL	387
STOCK	15
INDUSTRIAL	0
RECREATION	0
OTHER:FISHERY,COMMERCIAL,EVAPORATION	8
TOTAL DIVERSIONS.....	2,039

DELIVERIES FROM TRANSBASIN	
IRRIGATION	403
STORAGE	0
MUNICIPAL	0
STOCK	15
TOTAL FROM TRANSBASIN.....	418

DUTY OF WATER:	
TOTAL TO IRRIGATION	35,560
ACRES IRRIGATED	11,673
ACRE-FEET DIVERTED PER ACRE	3.05

NUMBER OF STRUCTURES OBSERVED	348
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	2
ACTIVE DIVERSIONS-DAILY	69
-INFREQUENT STRUCTURES	205
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	7
-NOT USED (A,C,D, CODES)	38
-NO INFORMATION AVAILABLE (F CODE)	27
NUMBER OF DITCHES, SURFACE RIGHTS	291
NUMBER OF RESERVOIRS	27
NUMBER OF WELLS	35
NUMBER OF OBSERVATIONS	2,203

1997 IRRIGATION YEAR SUMMARY
DISTRICT 46

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	2,988
STORAGE	0
STOCKWATER	30
MUNICIPAL	0
DOMESTIC	0
INDUSTRIAL	0
RECREATION	463
FISH	0
OTHER:	0
INTERSTATE	1,894
TOTAL DIVERSIONS.....	5,375
DELIVERIES FROM STORAGE	
IRRIGATION	0
DOMESTIC	0
MUNICIPAL	0
STOCK	0
OTHER:FISH	0
TOTAL DIVERSIONS.....	0
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	2,988
ACRES IRRIGATED	945
ACRE-FEET DIVERTED PER ACRE	3.16
NUMBER OF STRUCTURES OBSERVED	60
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	39
-INFREQUENT STRUCTURES	10
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	3
-NOT USED (A,C,D, CODES)	8
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES, SURFACE RIGHTS	56
NUMBER OF RESERVOIRS	7
NUMBER OF WELLS	0
NUMBER OF OBSERVATIONS	739

1997 IRRIGATION YEAR SUMMARY
DISTRICT 69

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	4,298
STORAGE	434
STOCKWATER	32
MUNICIPAL	0
DOMESTIC	0
INDUSTRIAL	0
RECREATION	0
FISH	362
OTHER:	0
TOTAL DIVERSIONS.....	5,126

DELIVERIES FROM STORAGE	
IRRIGATION	220
DOMESTIC	0
MUNICIPAL	0
STOCK	8
OTHER:	0
TOTAL DIVERSIONS.....	228

DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0

DUTY OF WATER:	
TOTAL TO IRRIGATION	4,518
ACRES IRRIGATED	1,424
ACRE-FEET DIVERTED PER ACRE	3.17

NUMBER OF STRUCTURES OBSERVED	52
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	19
-INFREQUENT STRUCTURES	19
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	14
-NO INFORMATION AVAILABLE (F CODE)	0

NUMBER OF DITCHES, SURFACE RIGHTS	36
NUMBER OF RESERVOIRS	8
NUMBER OF WELLS	1
NUMBER OF OBSERVATIONS	227

1997 IRRIGATION YEAR SUMMARY
DISTRICT 71

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	11,397
STORAGE	200,877
STOCKWATER	271
MUNICIPAL	395
DOMESTIC	12
INDUSTRIAL	0
RECREATION	0
FISH	3,970
OTHER:COMMERCIAL	2
TRANSMOUNTAIN-TRANSBASIN	138,370
TOTAL DIVERSIONS.....	355,294
DELIVERIES FROM STORAGE	
IRRIGATION	2
DOMESTIC	0
MUNICIPAL	0
STOCK	4
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	43,643
OTHER:AUGMENTATION	178
TOTAL DIVERSIONS.....	43,827
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	11,399
ACRES IRRIGATED	1,814
ACRE-FEET DIVERTED PER ACRE	6.28
NUMBER OF STRUCTURES OBSERVED	230
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	2
ACTIVE DIVERSIONS-DAILY	62
-INFREQUENT STRUCTURES	90
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	76
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES, SURFACE RIGHTS	160
NUMBER OF RESERVOIRS	20
NUMBER OF WELLS	45
NUMBER OF OBSERVATIONS	6,944

1997 IRRIGATION YEAR SUMMARY
DISTRICT 77

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	12,922
STORAGE	491
STOCKWATER	233
MUNICIPAL	0
DOMESTIC	83
INDUSTRIAL	1
RECREATION	0
FISH	2,042
OTHER:COMMERCIAL	2
INTERSTATE	75,915
TOTAL DIVERSIONS.....	91,689
DELIVERIES FROM STORAGE	
IRRIGATION	190
DOMESTIC	0
STOCK	0
INDUSTRIAL	0
RECREATION	0
OTHER:FISH	0
TOTAL DIVERSIONS.....	190
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	13,112
ACRES IRRIGATED	1,684
ACRE-FEET DIVERTED PER ACRE	7.79
NUMBER OF STRUCTURES OBSERVED	136
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	74
-INFREQUENT STRUCTURES	21
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	41
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES, SURFACE RIGHTS	116
NUMBER OF RESERVOIRS	21
NUMBER OF WELLS	16
NUMBER OF OBSERVATIONS	1,566

1997 IRRIGATION YEAR SUMMARY
DISTRICT 78

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	16,683
STORAGE	880
STOCKWATER	3,028
MUNICIPAL	0
DOMESTIC	81
INDUSTRIAL	0
RECREATION	36
FISH	1,884
OTHER:COMMERCIAL	38
TRANSMOUNTAIN-TRANSBASIN	485
TOTAL DIVERSIONS.....	23,115
DELIVERIES FROM STORAGE	
IRRIGATION	338
DOMESTIC	0
MUNICIPAL	1,054
STOCK	2
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:COMMERCIAL	35
TOTAL DIVERSIONS.....	1,429
DELIVERIES FROM TRANSBASIN	
IRRIGATION	61
STORAGE	1,283
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	1,344
DUTY OF WATER:	
TOTAL TO IRRIGATION	17,082
ACRES IRRIGATED	6,251
ACRE-FEET DIVERTED PER ACRE	2.73
NUMBER OF STRUCTURES OBSERVED	236
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY	85
-INFREQUENT STRUCTURES	83
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	3
-NOT USED (A,C,D, CODES)	59
-NO INFORMATION AVAILABLE (F CODE)	5
NUMBER OF DITCHES, SURFACE RIGHTS	164
NUMBER OF RESERVOIRS	58
NUMBER OF WELLS	27
NUMBER OF OBSERVATIONS	2,224