

STATE OF COLORADO

**WATER DIVISION 7
OFFICE OF THE STATE ENGINEER**

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Department of Natural Resources

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February 6, 1995

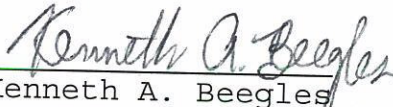
Hal D. Simpson, State Engineer
Division of Water Resources
1313 Sherman Street, Room 818
Denver, CO 80203

Dear Hal;

Following is the Division Seven Annual Report. We are proud to present our 1994 summary of division activities which includes results of studies and water administration activities. My commendations go to our staff engineers, secretary and water commissioners who worked diligently and tirelessly in collecting data, processing and preparing this report.

Thank you for the support your office has provided us in our efforts this year.

Sincerely,


Kenneth A. Beegles
Division Engineer

KAB/sjg
enclosures

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A. CURRENT WATER YEAR

The current year was a different scenario from 1993. Poor snow conditions resulted in reports of snow moisture around 48% of normal early in the year, causing apprehension of pending drought as spring approached. Fortunately, late storms helped to bring water supplies near normal or above in the Spring. As early snow ran out it became apparent that most reservoirs would completely fill in Division Seven. After May 15, 1994, only isolated showers fell across the basin so that after the peak flows early in June (Animas River at Durango, 4,860 cfs.), rivers dropped off rapidly and soil moisture was generally depleted due also to unseasonably warm weather, especially in the daily low. Although the early hay and other harvests went well, second cuttings were not good and the drought continued until a storm late in August brought some relief. Another result of the dry conditions was a major forest fire that began in July and burned for several days in the Black Ridge area south of town. Some 15,000 acres were burned during that time and evacuation of homes occurred in some areas.

Strict river administration was seen in the usual areas. This affected the division office personnel in that some areas experienced losing stretches in streams and ditches where water had been carried efficiently earlier in the year. This was especially noticeable on the Florida River. The La Plata River went to a two-river reach administration due to losses in the channel by July 13. Elbert Creek was under call most of the summer. Cuts of water to senior users on the Mancos River resulted in little noticeable gain making administration very difficult as streams would not carry the water.

Nevertheless, where reservoirs existed most users were able to get the necessary water to grow crops as usual. Red Mesa Ward Reservoir on the La Plata drainage, and Lemon Reservoir on the Florida River were drained very low as users called for their storage credit. The lower La Plata River benefitted from return flows and actually provided ample water to those who needed it in that reach. However, the benefit of reservoirs on streams became very apparent when natural streamflows were drying up entirely on drainages without storage facilities.

Late season general precipitation in September and October helped pull the area out of the drought, although irrigation and calls continued well into October because of the warm temperatures. With the meteorological occurrence of short, scattered rains, the end-of-year average showed an unremarkable total near normal. However, the effect of

these events was poor as the dry soil conditions absorbed most of the precipitation in the ground with little benefit reaching streams and water users. The Dolores Project delivered over 22 inches per acre as compared with numbers around 16 inches in past years.

1. ACCOMPLISHMENTS

Some of the events of the past year are outlined below:

a. Lynn Spring Call for Water A call for administration in the geothermal pool at Pagosa Springs was made to the Lynn Spring in April. This call was addressed, although not fully recognized. Non-decreed users were curtailed and winter users were urged to cease diversion. This had a positive effect as expected because of the direct hydraulic connection to the Spring. Additionally, this year spring flows were observed to arise in the San Juan River at Pagosa Springs, as well as in the area of the Spring Inn. New interest in using these portions of the aquifer was noted by several new water rights filings. However, the geothermal conflicts remained unresolved. The chief issue became compensation for property rights held by private users who might otherwise be willing to accept an alternate supply of heat and water.

b. San Juan-Chama Diversion The San Juan-Chama Diversion took a typical amount of water out of Colorado (hydrographic report, page 31.) Nearly 87,000 acre feet were diverted after starting the season with a nearly full Heron Reservoir. When Elephant Butte Reservoir spilled and diversions resumed, operations were called into scrutiny by some local water user groups. These groups questioned the beneficial use of the diversion if the imported water from the project was accounted for as being the first water spilled to the lower Rio Grande below Elephant Butte Reservoir. It is possible that the flows being diverted after the spill may have been otherwise used in the Colorado River basin.

c. Pond Construction The office experienced a great influx of pond building across the division. In areas where water would have an effect on downstream users of exposed groundwater, action was taken to inform the owners and excavators of potential legal and administrative problems. In some cases outlets were required and in others refilling

the exposed groundwater portion with fill material was mandated. This remains a problem in terms of changing return flows, decreed beneficial use and permitting of groundwater exposure.

d. Tribal Issues The Southern Ute and Ute Mountain Ute tribes were contacted repeatedly to request submittal of their existing water use records. Information was also requested concerning the development of new wells. Although it was difficult to coordinate results successfully, with the help of tribal chairman Leonard Burch, we were able to acquire data requested by late in the year. The Ute Mountain Tribe was more difficult to deal with, but there was still hope by year's end that we would yet get a response from them. It is hoped that the data submission will become an annual project for the tribe. This information would then be incorporated as official diversion record in Colorado.

e. Pine River Exchange Water A major effort was made by water commissioners in the Pine River Drainage to encourage the Irrigation District to decree the exchange water plan. This plan provides for wells to be augmented with water from Vallecito Reservoir. In order to do this, completion of paperwork was required. Requests for action were made, including installation of accessible meters on the domestic wells. This was initiated by mutual correspondence with the Pine River Irrigation District, which also chose to raise fees by 250 percent at this time. The public backlash was considerably extensive in the area and did not subside until an explanatory article in the Pine River Times described the situation. However, we did accomplish the installation of approximately 40 additional meters, and the completion of well permit registration by many private parties.

f. Coalbed Methane Task Force Also on the Pine River, the completion of the work of the Coalbed Bed Methane Task Force occurred this year with replacement wells being constructed by AMOCO and cessation of water withdrawals from a local gas production well. A permanent solution to methane contamination in many area wells was not addressed. The production companies presented evidence that the source of this contamination was "biogenic," or originating from small localized coal formations. The companies maintained that they were accessing the deeper Fruitland coals where water was being removed to extract the gas. The methane has not been classified as a contaminant to date but has been a significant irritant for well users. Retrofitting of wells with aerators and release mechanisms was suggested as a possible remedy.

g. Increasing Development The Florida Mesa was subject to much attention because of developmental pressures. Groundwater studies were initiated to determine the effect of planned groundwater development and a reduction of irrigated acres on groundwater supplies. This type of problem was seen all over in La Plata County and also had some effect on many adjacent counties. The existing number of undeveloped lots is about 40,000 in La Plata County and 18,000 in Archuleta County. With help from agencies like the EPA, USGS, USBR and our office, it was hoped that county administrators could make educated decisions as to how and where growth will be handled. Two subdivisions were found out of compliance with their court decreed augmentation plans. In one case, Country Aire Estates, many lots were irrigating lawns despite being prohibited from doing so because of the use of evaporative lagoons in their disposal systems. A subdivision meeting was organized by our office during which newcomers were informed of state statutes that could have resulted in curtailment orders. They recognized the potential difficulties and initiated action to modify their decree.

However, groundwater effects on the mesa were still undetermined by year's end. The number of new building permits issued was nearly the same record number as the previous year. However, indications were that the influx of new residences had leveled out toward the late summer.

h. Elbert Creek Elbert Creek was administered strictly the entire summer, the first time in recent recollection this was required. Part of the reason for this was the decision by the operators of Electra Lake, Public Service Co. of Colorado to refuse excess releases to the creek. New users were benefitting from those releases without compensating the company for making those releases. Users, including Tamarron and the first priority on the stream, the Conley Ditch, were unable to acquire their full amount of water all summer. Although our decisions in administration were sometimes questioned, users complied with Division orders and determinations of flow. As a result, Cascade Reservoir released only the natural inflow and any contract water, or passed releases of water made upstream. The daily administration caused a significant strain on division office personnel during the heat of summer.

i. Pine Ridge Ditch In Water District 33, the Pine Ridge Ditch attempted to call water early this year. Due to issues raised by a recently contested local water case, it was refused. However, two weeks later when it was determined that water might have been used beneficially for irrigation, it was delivered-except only in the quantities requested

by ditch users individually. Spring flows allowed Johnson Reservoir to substantially fill, but the issue remained heavily in dispute. Many local water providers were drawn into the action and litigation while determinations of secure supplies were being formulated.

j. New Mexico Compact Elsewhere on the La Plata River, water again was delivered to New Mexico at beneficial use rates and according to the Compact requirements throughout the season. A controversy developed over the delivery of Colorado water to the Enterprise Ditch and the users there. No change in administration resulted, although it was decided that better communication between the two state officials involved in the ditch administration might be advisable at times. The Compact was met throughout the season.

k. Mancos River Administration on the Mancos River proceeded as usual, with reservoir supplies being used heavily and severe stream losses being observed in July and August. A proposed decree was presented by the USA for Mesa Verde National Park that would recognize an instream flow for the river where it contacted the park. Much concern was expressed as to the effect this downstream reservation of an instream flow would have on Colorado water rights or changes.

l. Dolores Project The Dolores Project operated as planned, with the first summer of irrigation on newly planted corn and alfalfa crops on the Ute Mountain Reservation. The Dolores Water Conservancy District worked on several issues. These issues included formalizing the transfer of project facilities, the establishment of a fish pool for downstream habitat, and the distribution of power costs to users. This kept project administrators busy negotiating with local interests and US government officials. Water was delivered to additional acreage including some forty center pivots on the tribal reservation. The reconstruction of the existing canals on the Montezuma Valley Irrigation system led to removal of an operating gaging station at the Highway Bridge on the Lone Pine Canal that had been used for diversion records and administration. This office was able to gain cooperation from the USBR in installing a new Ramp Flume along this ditch to replace the former gage. Cooperation with users in this area remained close which led to a successful irrigation season.

CRDSS - QAQC

The CRDSS program continued this year. Acreage has been identified by designated areas, such as Fort Lewis Mesa, and was reviewed for accuracy. The USBR was continuing work in converting the described acreage to number for database use. The quality assurance, quality control (QAQC) aspect of our records was initiated by the managers with much programming assistance from a local water commissioner and summer technical assistance. Phase I, which involved review of records from key, critical and unique structures 1975 to present, was substantially completed. The errors that were found mostly could be traced to computer data entry. However, in several cases data errors or coding errors needed to be corrected.

Groundwater

The State Engineer, Hal Simpson, approved with the recommendation of the TQM Team a pilot program for issuance of certain well permits by the Division 7 office. A primary benefit of this program is that a timely turnaround of well permits results in fewer follow up questions, monitoring hole requests, and verbal requests. Final conclusions have not been drawn as to all of the program's benefits since it was not started until this fall. However, early results have produced a substantial amount of positive response. This program may also assist the agency in fulfilling part of the goals outlined in the Strategic Plan.

Items Not Addressed

Personnel from our office were unable to work extensively on the Rio Blanco River project this year. We were also disappointed that the geothermal management did not proceed effectively, and that the abandonment list from 1990 was not finalized due to disputed issues. However some progress was made in both issues such as, resolving the Connell Ditch case in District 77 and gaining some cooperation from parties involved in these matters.

Dam Safety

Dams were inspected according to the normal schedule, with follow-up visits made when necessary. A reservoir operation restriction was placed on Summit Reservoir in District

34 after we discovered excessive seepage levels. A toe drain was partially plugged and was not adequately lowering the phreatic levels at the toe of the southeast dike. Repeated flushing of the drain cleared the obstruction. The performance of the toe drain will be watched closely during the upcoming storage season.

Narraguinnep Reservoir was drawn down to its lowest level in several years. This provided an opportunity to perform an internal inspection of the west, or mid-level, outlet. Recent canal construction downstream of the toe required placing two vertical bends in the 36-inch outlet. These bends prevented the use of the remote camera device (S.L.E.D.) and required a physical inspection. Fortunately, this internal inspection found no significant problems.

Hydrographic Report

Streamflow records for the 1993 Water Year were completed and delivered to the chief hydrographer for publication. Five records were published by the USGS and thirteen were published in the Colorado Division of Water Resources yearly publication. All or parts of twelve additional records were included in the yearly water commissioner diversion report. Streamflow was much lower than the previous year and was below average for much of the division.

Four of the old 8004 Data Collection Platforms acquired through the updating of the Division Seven satellite monitoring system were installed at some previously unmonitored ditches. The Florida Canal, Pine Ridge Ditch, Jackson Gulch Reservoir Inlet Canal and the USBR Little Oso Diversion near Chromo, CO were added to the thirty-three stations already being monitored.

The Division 7 hydrographer made 179 river measurements and 53 ditch measurements this year. Water commissioners in Division 7 made 41 river measurements and 68 ditch measurements this year.

Preparations were made for the expenditure of monies from the construction fund. A new gauging station and a bank operated cableway will be installed at the Navajo River at Banded Peak Ranch. New bank-operated cableways are scheduled to be installed on the Florida River above and below Lemon Reservoir in the spring.

2. BUDGET

The office met its budget expectations during the fiscal year ending June 30, 1994. The acquisition of an additional state-owned vehicle and assigning the use of five of these to field personnel helped reduce total cost from travel expenses. There are potential cost increases associated with maintenance of older computers/printers that we continue to operate, as well as the new ones now located in the division office. More costs for supplies and equipment, as well as an additional strain on existing personnel, will be seen as the well permit project continues to operate. Also, postage outlays are expected to increase expenses in the future.

3. PERSONNEL CHANGES THAT AFFECTED DIVISION SEVEN

There were no personnel changes made in the Division this year. The staff welcomed the completion of the job classification study and PDQ placement. Part time staffing was utilized in the data quality operations. Training programs were accomplished in computer operation and in water rights. The engineering staff was cross-training in various areas by year's end and one water commissioner was elected and became an active member of the Employees Council. PACE evaluations and two-down interviews were carried out as required by the Long Range Plan.

B. UPCOMING YEAR

Division issues can be divided into three categories: interdivision and interstate water issues, those water issues within the division, and administrative personnel issues. The last category will not be addressed completely at this time.

Interdivision/Interstate

Federal issues that will have an impact on the water division are as follows:

1. The effect of critical stream habitat designation on water policies and decisions within Colorado to address the Endangered Species issues.

2. Water management in the USBR system as it relates to stream flows released for both recreation and downstream endangered species.

3. The progress of the Animas-La Plata Project, whether the type of research needed for the Recovery Implementation Program will be sufficient to allow continuation of the construction phase. The supplemental Environmental Impact Statement will be released this year. It may become a controversial issue itself as all the user groups seek to continue with their development plans. Opponents will continue to press for more scrutiny and delay. At this time a cooperative agreement between the various parties does not look to be achievable. However we continue to search for ways both sides can approach the project development in a positive sense.

4. The effect of restructuring of the power rate distribution among the users will have a significant impact on the projects that rely on the wholesale rate to operate.

5. The operations of the San Juan-Chama Project in New Mexico are a concern to local water interests. The beneficial use of this project is being questioned since a waste of water, or a spill at Elephant Butte Reservoir on the Rio Grande may involve this imported source.

6. The impact of the Environmental Protection Agency policy of releasing regulatory authority for discharge permits to the Indian tribes may be significant in this area. The tribes have been granted this authority and are exerting it to the former boundaries of the Reservations. In the case of the Southern Ute Indian tribe, this poses a unique but not yet known impact in that large tracts of non-Indian land will be involved.

7. The determination of the administration of stock water and winter storage diversions on the La Plata River could be tested this year.

Intra-divisional Issues

Within the division several issues will be faced. Work will continue in dealing with the Geothermal users in the Pagosa Springs area. The result has to be reduction in the total amount of water decreed out of the aquifer to avoid excess depletions. There is over 30 cfs decreed and yet less than 3.0 cfs naturally flows into the river. The other issue in this case is that private users must be compensated for their property right even if they are given replacement water and heat in an equivalent amount.

Decreed substitute supply plans will need to be developed on both the Pine and Dolores Rivers. Well permits will need to be augmented with secure, reliable supplies of storage

water. The river districts in both cases will be in water court to resolve questions regarding these supplies through a court decree for the exchange and substitute supplies. In the Dolores Project case an issue of approval through the USBR may be required.

The issue of converting bypass flows on the Dolores Project below McPhee Reservoir to a managed reservoir pool will need to be addressed this year. Continued reliance on the original plan for these flows will lead to political problems and loss of fish habitat. Far better alternatives await if the USBR chooses to purchase the water necessary to guarantee the pool.

County planning issues will be faced by the local office with the extraordinary growth experienced recently. Water supplies are being stretched and studies evaluating the available ground water are to be completed this year. These may lead to policy decisions about issuance of well permits in some areas. Outlying counties may need to take more active roles in the planning process. Hopefully new central water systems will be feasible and developed by local entrepreneurs. However these may be stopped by federal regulations governing the use of surface water for public consumption, by the Clean Water Act.

Administrative/Personnel

Two office issues that will be addressed include:

1. Managing office staff and workload to allow for continued public service.
2. Managing and directing office personnel to the best use of overtime and in encouraging tactful public dealings to accomplish the work as well as maintain services without exceeding the budget.

C. FUTURE ISSUES

The office may need to face water administrative issues in some areas as follows:

1. Allocation of Colorado water to New Mexico/Colorado users at the state line on the La Plata River.

2. Administrative practices are in dispute on Elbert Creek.
3. Crystal Creek Ditch administration on the Mancos River.
4. Subdivision water use administration or action on the Florida River.
5. Measurement of Indian water into non-decreed areas on the Pine River.
6. Development of centralized, rural water systems in La Plata County.
7. Methane contamination in the groundwater supplies may remain an issue in La Plata County.
8. Pond construction on private parcels will continue to be an issue.

1. Water Administration Impact

Following are issues, cases and statutes that we see as having a significant impact on division operations in 1995.

A. San Juan Basin Recovery	Agreement
B. Indian Water Rights Settlement	Agreement
C. Animas-La Plata Project	Development Project
D. Endangered Species Act	Federal Law
E. Clean Water Act II	Federal Law
F. Interpretation of Kuiper vs. Bohn	State Supreme Court
G. Groundwater Case Laws	State Supreme Court
H. FLSA	Federal Act
I. Groundwater Regulations and Policies	State Engineer
J. Changing growth trends in the State	Demographics
K. Colorado River Storage Act	Federal Act

These are some of the more significant issues that could affect, influence or alter the mode of water administration operations. These issues could potentially impact the historical approach to water rights development and use in Colorado. This office will continue to serve, to the best of its ability, the needs of the public and fulfill the mission of the agency.

D. INVOLVEMENT WITH THE WATER USER COMMUNITY

The following groups were active and we participated with them in various roles generally acting as advisor in water matters:

- Southwestern Water Conservation District
- Animas-La Plata Water Conservancy District
- Dolores Water Conservancy District
- Mancos Water Conservancy District
- San Juan RIP-Hydrology Committee
- La Plata County-Florida Mesa Study Group
- La Plata County-Methane Task Force
- Animas River Water Quality Study
- Pine River Irrigation District
- Geothermal Users Group-Pagosa Springs
- Southwestern Interagency Council
- San Juan Water Conservancy District

State Organizations

- Training Steering Committee
- Quality Management-Groundwater Permitting
- CRDSS Planning
- Computer Operations-Study Committee
- Division of Water Resources-Employee Council

Many other meetings of ditch companies and small groups of federal state city or county personnel were attended. The staff conducted training and informational sessions with real estate offices, elementary and middle school classes, and set up a booth at the Children's Water Festival held in Cortez for local 5th grade classes. The office continues to be active in public affairs and serves as an educational resource.

ED STEIN'S VIEW

ed Stein '04
Rocky Mtn.
NEWS • NEA

Well, I'd like
to know what
idiot put a
forest right next
to a subdivision!



TRANSMOUNTAIN DIVERSION SUMMARY ----- OUTFLOWS

		SOURCE										RECIPIENT		
WD	ID	NAME	STREAM	10-YEAR AVG.		CURRENT YEAR		WD	ID	STREAM				
				AF	DAYS	AF	DAYS							
29	4669	TREASURE PASS DITCH	SAN JUAN RIVER	196.3	39.0	94.4	22	20	921	RIO GRANDE RIVER				
30	4660	CARBON LAKE DITCH	ANIMAS RIVER	246.2	93.1	205	43	68	692	UNCOMPAHGRE RIVER				
30	4661	MINERAL POINT DITCH	ANIMAS RIVER	115.0	50.4	75	28	68	609	UNCOMPAHGRE RIVER				
30	4662	RED MOUNTAIN DITCH	ANIMAS RIVER	33.0	41.1	14.1	17	68,41	604,549	UNCOMPAHGRE RIVER				
31	4638	PINE RIVER-WEMINUCHE PASS D.	PINE RIVER	619.1	84.2	201	42	20	919	RIO GRANDE RIVER				
31	4637	WEMINUCHE PASS DITCH	PINE RIVER	1292.5	64.1	0	0	20	922	RIO GRANDE RIVER				
78	4672	WILLIAMS CREEK-SQUAW PASS D.	PIEDRA RIVER	313.1	68.7	279	44	20	923	RIO GRANDE RIVER				
78	4670	DON LA FONT #1 (S RIVER PEAK)	PIEDRA RIVER	62.9	47.3	31.4	21	20	917	RIO GRANDE RIVER				
78	4671	DON LA FONT #2 (PIEDRA PASS D.)	PIEDRA RIVER	244.3	70.1	344	87	20	918	RIO GRANDE RIVER				

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)						End of Year
				Minimum		Maximum		Date	Date	
				AF	Date	AF	Date			
29	3507	Harris Bros Boone Res 2	Blanco River	127.4	10/3/94	205.5	6/10/94	127.4		
29	3654	Echo Canyon Reservoir	Echo Creek	2148.8	11/1/93	2148.8	10/31/94	2148.8		
29	3644	Borns Lake Reservoir	West Fk. San Juan R.	67.8	11/1/93	67.8	10/31/94	67.8		
		Total of all < 50 AF		137.6		158.3		137.6		
		Total for District 29		2481.6		2580.4		2481.6		

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)						End of Year
				Minimum		Maximum		Date		
				AF	Date	AF	Date			
30	3534	Andrews Lake	Lime Creek	115.0	8/31/94	131.0	10/31/94	131.0	10/31/94	131.0
30	3536	Cascade	Elbert Creek	10401.0	4/1/94	22635.0	6/23/94	22635.0	6/23/94	19766.0
30	3540	Haviland Lake	Elbert Creek	506.0	8/27/94	526.0	11/1/93	526.0	11/1/93	526.0
30	3546	Ice Lake	Elbert Creek	408.0	11/1/93	416.0	10/20/94	416.0	10/20/94	416.0
30	3547	Keeler Lake	Elbert Creek	469.2	8/22/94	488.0	11/1/93	488.0	11/1/93	488.0
30	3548	Lake of the Pines	Little Cascade Creek	114.0	11/1/93	114.0	10/20/94	114.0	10/20/94	114.0
30	3560	Turner Ponds	Animas River	21.1	3/11/94	84.0	11/1/93	84.0	11/1/93	84.0
30	3561	Turner Reservoir	Waterfall Creek	393.0	8/4/94	472.0	5/13/94	472.0	5/13/94	413.0
30	3576	Florida Canal and Res	Florida River	295.0	1/26/94	455.0	5/5/94	455.0	5/5/94	375.0
30	3581	Lemon Reservoir	Florida River	14583.0	9/30/94	38331.0	6/30/94	38331.0	6/30/94	16837.0
30	3622	Henderson Lake	Animas River	58.0	11/1/93	58.0	10/31/94	58.0	10/31/94	58.0
30	3625	Naegelin Lake	Junction Creek	220.0	3/11/94	300.0	11/1/93	300.0	11/1/93	220.0
30	3630	Twilight Lake	Purgatory Creek	60.0	11/1/93	60.0	10/20/94	60.0	10/20/94	60.0
30	3707	Johnson Reservoir	Coal Creek	889.0	10/31/94	969.0	11/1/93	969.0	11/1/93	889.0
30	3724	Johnson Lake #2	Wildcat Canyon	110.0	10/1/94	150.0	5/6/94	150.0	5/6/94	110.0
		Total of all < 50 AF		246.9		304.0		304.0		264.0
		Total for District 30		28889.2		65493		65493		40751

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				Minimum		Maximum		End of Year	
				AF	Date	AF	Date	AF	Date
31	3518	Vallecito Reservoir	Pine River	52874.2	10/3/94	125889.8	6/13/94	59761.0	59761.0
31	3617	Wommer Reservoir	Little Bear Creek	160.0	10/3/94	186.0	6/22/94	160.0	160.0
31	3805	Gosney Gravel Pit	Pine River	83.7	7/29/94	135.0	7/1/94	135.0	135.0
		Total of all < 50 AF							
		Total for District 31		53117.9		126210.8			60056

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	2384.0	11/1/93	3302.0	9/29/94	3302.0	
32	3602	Narraguinnep Reservoir	Transbasin Water	7523.0	10/ 5/94	13817.0	5/31/94	8770.0	
32	3603	A M Puett Reservoir	Transbasin Water	586.0	10/31/94	2244.0	5/12/94	586.0	
		Total of all < 50 AF		90.7		75.7		75.7	
		Total for District 32		10583.7		19438.7		12733.7	

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)						End of Year
				Minimum		Maximum		Date	Date	
				AF	Date	AF	Date			
33	3522	Red Mesa Ward Reservoir	Hay Gulch	0.0	9/23/94	1176.0	4/2/94		133.0	
33	3523	Taylor Reservoir	La Plata River	85.6	5/1/94	85.6	10/31/94		85.6	
		Total of all < 50 AF								
		Total for District 33		85.6		1261.6			218.6	

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)						End of Year
				Minimum		Maximum		Date	Date	
				AF	Date	AF	Date			
34	3585	Bauer Reservoir	Crystal Creek	61.0	5/11/94	357.0	5/4/94	107.0		
34	3586	Bauer Reservoir No 2	Chicken Creek	402.1	9/9/94	1532.0	4/19/94	402.1		
34	3589	Jackson Gulch Reservoir	West Fork Mancos R	2380.0	10/4/94	9948.0	5/14/94	2380.0		
34	3590	L A Bar Reservoir	Chicken Creek	13.8	11/1/93	73.3	5/5/94	13.8		
34	3592	Sellers & McClane Res	Mud Creek	7.3	11/1/93	52.1	5/4/94	7.3		
34	3594	Weber	Middle Fork Mancos R	27.0	10/31/94	441.8	5/12/94	27.0		
		Total of all < 50 AF		25.6		64.2		34.5		
		Total for District 34		2916.8		12468.4		2971.7		

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)						End of Year
				Minimum		Maximum		Date	Date	
				AF	Date	AF	Date			
69	3529	Belmar Lake Reservoir	Rincon Creek	176.6	10/31/94	394.6	5/20/94		176.6	
69	3530	Dunham Reservoir	Disappointment Creek	54.1	9/26/94	78.8	5/3/94		54.1	
69	3532	Morrison Reservoir	Morrison Creek	105.3	10/31/94	116.3	11/1/93		105.3	
		Total of all < 50 AF		34.5		50.6			34.5	
		Total for District 69		370.5		640.3			370.5	

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)						End of Year
				Minimum		Maximum		Date	Date	
				AF	Date	AF	Date			
71	3606	Big Pine Reservoir	Lost Canyon	66.1	9/20/94	259.0	3/9/94	66.1		
71	3607	Buck Pasture Reservoir	Beaver Creek	13.2	11/1/93	53.0	5/3/94	13.8		
71	3610	Ethel Belmeear Reservoir	Beaver Creek	67.6	8/11/94	87.3	5/20/94	67.6		
71	3612	Groundhog Reservoir	Groundhog Creek	12710.0	10/11/94	21710.0	10/11/94	12710.0		
71	3613	Lost Canyon Lake	Lost Canyon	48.2	10/7/94	106.2	3/30/94	48.2		
71	3614	McPhee Reservoir	Dolores River	266563.0	10/31/94	378489.0	5/31/94	266563.0		
71	3619	Summit Reservoir	Lost Canyon	769.0	10/13/94	4831.0	5/26/94	769.0		
		Total of all < 50 AF		12.0		16.2		12.0		
		Total for District 71		280249.1		405551.7		280249.7		

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)						End of Year
				Minimum		Maximum		Date	Date	
				AF	Date	AF	Date			
77	3512	Spence Reservoir	Coyote Creek	322.0	10/28/94	441.0	6/10/94		322.0	
77	3696	Sappington Reservoir	Coyote Creek	236.0	10/28/94	320.0	6/10/94		236.0	
		Total of all < 50 AF		15.4		15.4			15.4	
		Total for District 77		573.4		776.4			573.4	

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				Minimum		Maximum		Date	End of Year
				AF	Date	AF	Date		
78	3624	Dunagan Reservoir	Stollsteimer Creek	0.0	11/1/93	93.4	5/6/94	46.7	
78	3626	G S Hatcher	Stollsteimer Creek	1329.7	10/31/94	1735.0	4/1/94	1329.7	
78	3629	Linn and Clark Reservoir	Dutton Creek	1073.8	11/1/93	1230.0	4/1/94	1158.4	
78	3633	Pargin Reservoir	Stollsteimer Creek	531.0	10/31/94	531.0	11/1/93	531.0	
78	3636	Pinón Lake	Dutton Creek	82.0	9/2/94	162.0	4/1/94	125.0	
78	3642	Williams Creek Reservoir	Williams Creek	10084.0	10/31/94	10084.0	11/1/93	10084.0	
78	3644	Lake Forest	Dutton Creek	360.0	8/3/94	465.8	4/1/94	425.4	
78	3645	Stevens Reservoir	Dutton Creek	507.0	9/1/94	635.0	11/1/93	635.0	
78	3646	Town Center Lake	Dutton Creek	302.5	11/1/93	630.0	4/1/94	362.5	
78	3650	Palisade Lake	Middle Fork Piedra R	50.0	10/31/94	50.0	10/31/94	50.0	
		Total of all < 50 AF		50.9		109.0		66.6	
		Total for District 78		14409.5		15724.4		14609.4	

1994 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	253	0	131	30	0	3,118	68,911	83	31,839	12,052	2.64
30	803	13	367	2	0	9,304	231,061	24,778	144,851	32,554	4.45
31	268	6	149	11	0	7,889	409,972	62,031	216,024	54,749	3.95
32	222	7	116	0	0	5,966	50,176	10,643	235,619	65,297	3.61
33	69	0	52	5	0	5,589	31,720	768	28,003	9,381	2.99
34	98	1	24	7	0	2,060	36,228	7,029	32,695	11,694	2.80
46	41	0	10	0	0	847	6,802	0	3,903	1,028	3.80
69	26	0	14	0	0	194	4,896	192	4,818	1,467	3.28
71	124	0	71	1	0	3,706	203,104	87,333	14,315	1,915	7.48
77	90	0	28	1	0	1,569	67,081	119	14,716	2,427	6.06
78	150	1	46	7	0	1,640	32,357	1,748	24,436	6,474	3.77
TOTAL	2,144	28	1,008	64	0	41,882	1,142,308	194,724	751,219	199,038	3.77

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

1994 WATER DIVERSION SUMMARIES TO VARIOUS USES

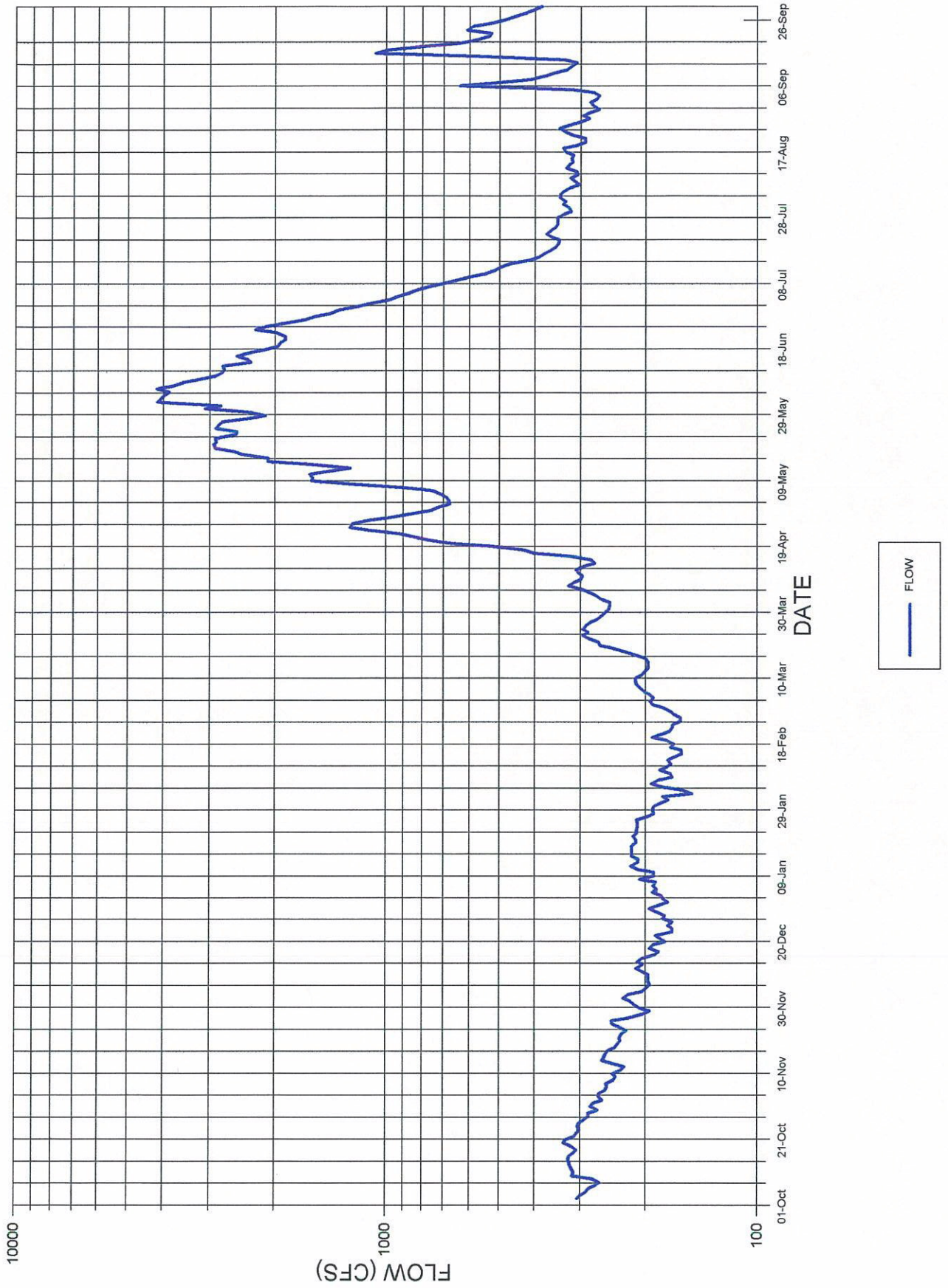
WD	TRANSMOUNTAIN OUTFLOW	TRANSBASIN OUTFLOW	MUNICIPAL	COMMERCIAL	INDUSTRIAL	RECREATION	FISHERY	DOMESTIC & HOUSEHOLD	STOCK
29	94	1,130	925	820	0	0	2,689	4	3,367
30	294	0	5,287	668	323	404	24,635	199	23,949
31	201	0	829	57	5	21	1,719	49	292
32	0	0	4,575	4	0	0	0	6	3,175
33	0	471	0	12	0	0	0	76	3,394
34	0	0	867	62	0	0	6	16	4,054
46	0	0	0	0	0	670	0	1	22
69	0	0	0	0	0	0	362	0	71
71	195,122	0	665	6	2,618	3	3,032	19	2,597
77	0	0	0	2	1	0	2,635	13	519
78	654	0	800	15	0	0	1,914	108	4,347
TOTAL	196,365	1,601	13,948	1,646	2,947	1,098	36,992	491	45,787

1994 WATER DIVERSION SUMMARIES TO VARIOUS USES (CONTINUED)

WD	AUGMENTATION	EVAPORATION	GEOTHERMAL	SNOWMAKING	MINIMUM STREAMFLOW	POWER GENERATION	WILDLIFE	RECHARGES	OTHER
29	8	0	0	0	0	0	0	0	0
30	61	51	0	60	0	36,738	0	61	7,355
31	100	2,900	0	0	0	195,336	0	0	0
32	0	0	0	0	0	0	0	0	0
33	3	0	0	0	0	0	0	1	169
34	0	3	0	0	0	0	0	0	298
46	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	266
78	0	0	0	0	0	0	0	0	1,459
TOTAL	172	2,954	0	60	0	232,074	0	62	9,547

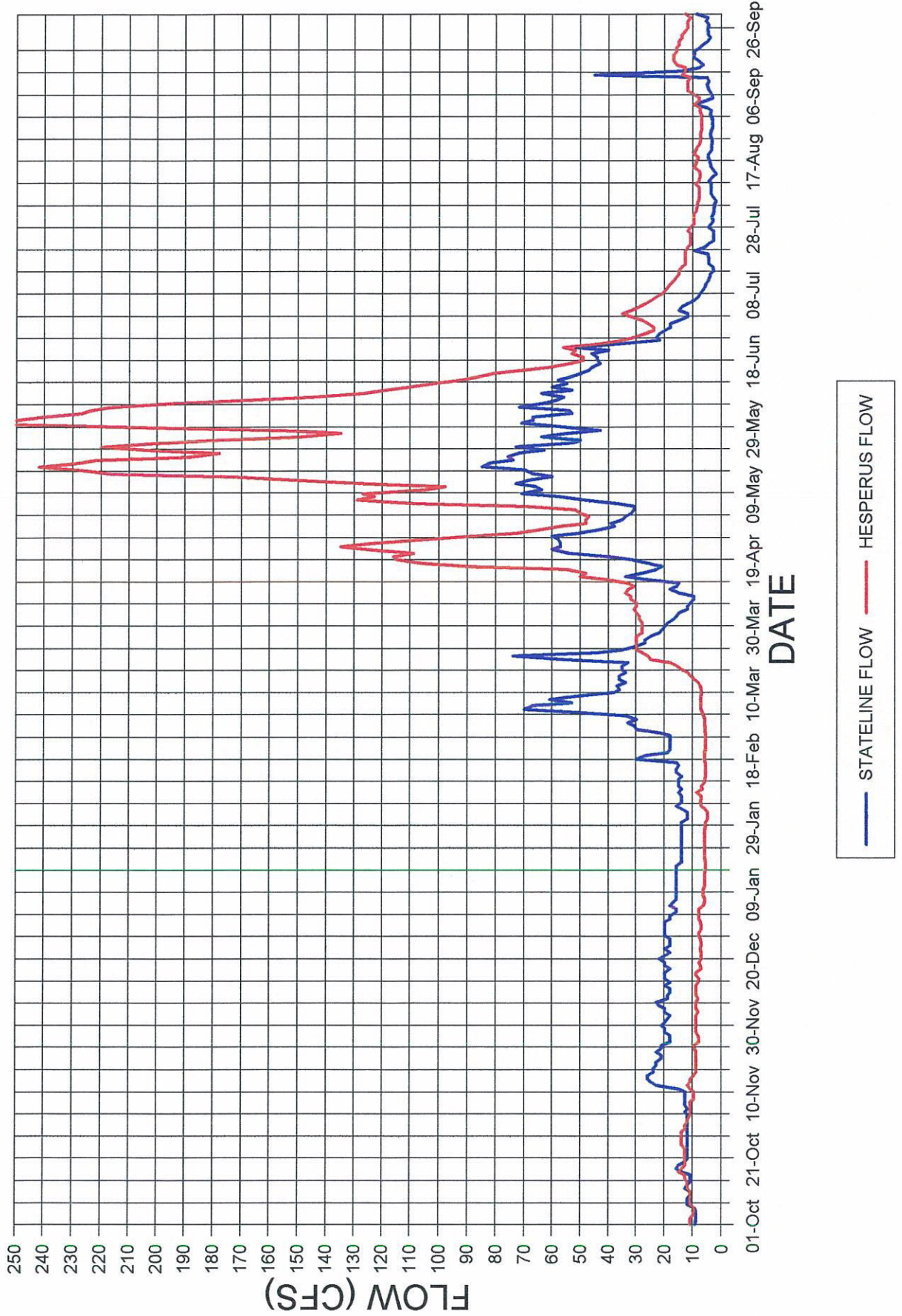
ANIMAS RIVER AT DURANGO, CO

1994 WATER YEAR



LA PLATA RIVER COMPACT

1994 WATER YEAR



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

MONTH	HESPERUS		LA PLATA		PINE		HESPERUS		STATE		ENTERPRISE		DELIVERED		REQUIRED	
	STATION	CR. DITCH	& CHERRY	RIDGE	DITCH	TOTAL	LINE	STATION	DITCH	(NM)	PIONEER	DITCH	STATE LINE	TOTAL	(1/2 HESP TOTAL*)	TOTAL
DECEMBER	499	0	0	0	0	499	1200	0	0	0	0	1200	0	1200	---	---
JANUARY	382	0	0	0	0	382	938	0	0	0	0	938	0	938	---	---
FEBRUARY	339	0	0	0	0	339	984	0	0	0	0	984	0	984	---	---
MARCH	1020	0	0	0	0	1020	2380	0	0	0	0	2380	0	2380	---	---
APRIL	3810	17.3	0	57.5	0	3884.8	1820	75	208	0	0	2100	208	2100	1230	1230
MAY	9540	220	0	405	0	10165	3630	138	291	0	0	4060	291	4060	3700	3700
JUNE	5620	1510	0	184	0	7314	2700	138	257	0	0	3090	257	3090	2870	2870
JULY	1030	7.5	0	0	0	1037.5	396	88	118	0	0	603	118	603	537	537
AUGUST	508	0	0	0	0	508	218	0	46	0	0	263	46	263	250	250
SEPTEMBER	747	0	0	0	0	747	460	13	67	0	0	540	67	540	368	368
OCTOBER	710	0	0	0	0	710	528	0	41	0	0	570	41	570	355	355
NOVEMBER	427	0	0	0	0	427	464	0	0	0	0	464	0	464	---	---
TOTALS *	26,809	1,751	0	637	0	23,246	9,209	447	885	0	0	10,440	885	10,440	9,525	9,525

NEW MEXICO REQUESTED REQUIRED AMOUNT UP TO 100 CFS, APRIL 20, 1994

NEW MEXICO REQUESTED REQUIRED AMOUNT UP TO 80 CFS, MAY 14, 1994

FROM MAY 21 TO JUNE 14, DELIVERIES TO NEW MEXICO WERE BASED ON AMOUNTS REQUESTED FROM LOCAL OFFICIALS

AFTER JUNE 15, DELIVERIES WERE TARGETED AT ONE-HALF OF THE HESPERUS TOTAL

AFTER JULY 11, RETURN FLOWS BELOW HESPERUS WERE USED TO MEET COMPACT REQUIREMENTS

AFTER JULY 14, RETURN FLOWS BELOW LONG HOLLOW WERE USED TO MEET COMPACT REQUIREMENTS

* 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)
1971	25,190	1,340	24,980	51,510	59,980	
1972	28,290	1,120	24,310	53,720	58,070	
1973	70,900	9,720	79,810	160,430	153,300	
1974	25,290	1,070	18,700	45,060	47,230	
1975	58,780	8,120	69,200	136,100	145,100	
1976	41,000	2,420	36,950	80,370	85,230	
1977	13,450	37	3,930	17,417	19,390	
1978	44,010	2,820	50,310	97,140	104,200	
1979	60,150	8,980	87,730	156,860	164,200	
1980	57,760	6,970	72,460	137,190	143,600	980,300
1981	25,690	1,640	22,260	49,590	53,960	974,280
1982	48,340	6,860	63,810	119,010	127,100	1,043,310
1983	46,960	8,110	69,680	124,750	134,300	1,024,310
1984	45,180	6,070	55,220	106,470	113,600	1,090,680
1985	32,700	9,630	44,630	86,960	91,800	1,037,380
1986	35,520	4,720	43,620	83,860	89,180	1,041,330
1987	32,120	4,380	42,360	78,860	83,050	1,104,990
1988	29,200	972	29,780	59,952	63,530	1,064,320
1989	20,400	672	26,630	47,702	48,570	948,690
1990	37,630	1,480	32,510	71,620	71,700	876,790
1991	51,730	3,930	59,780	115,440	119,400	942,230
1992	32,910	6,340	43,990	83,240	87,080	902,210
1993	34,960	6,210	52,740	93,910	98,810	866,720
1994	28,080	5,020	44,260	77,360		
AVG.	38,593	4,526	45,819	88,938	94,017	995,247

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

WATER DIVISION NO. 7

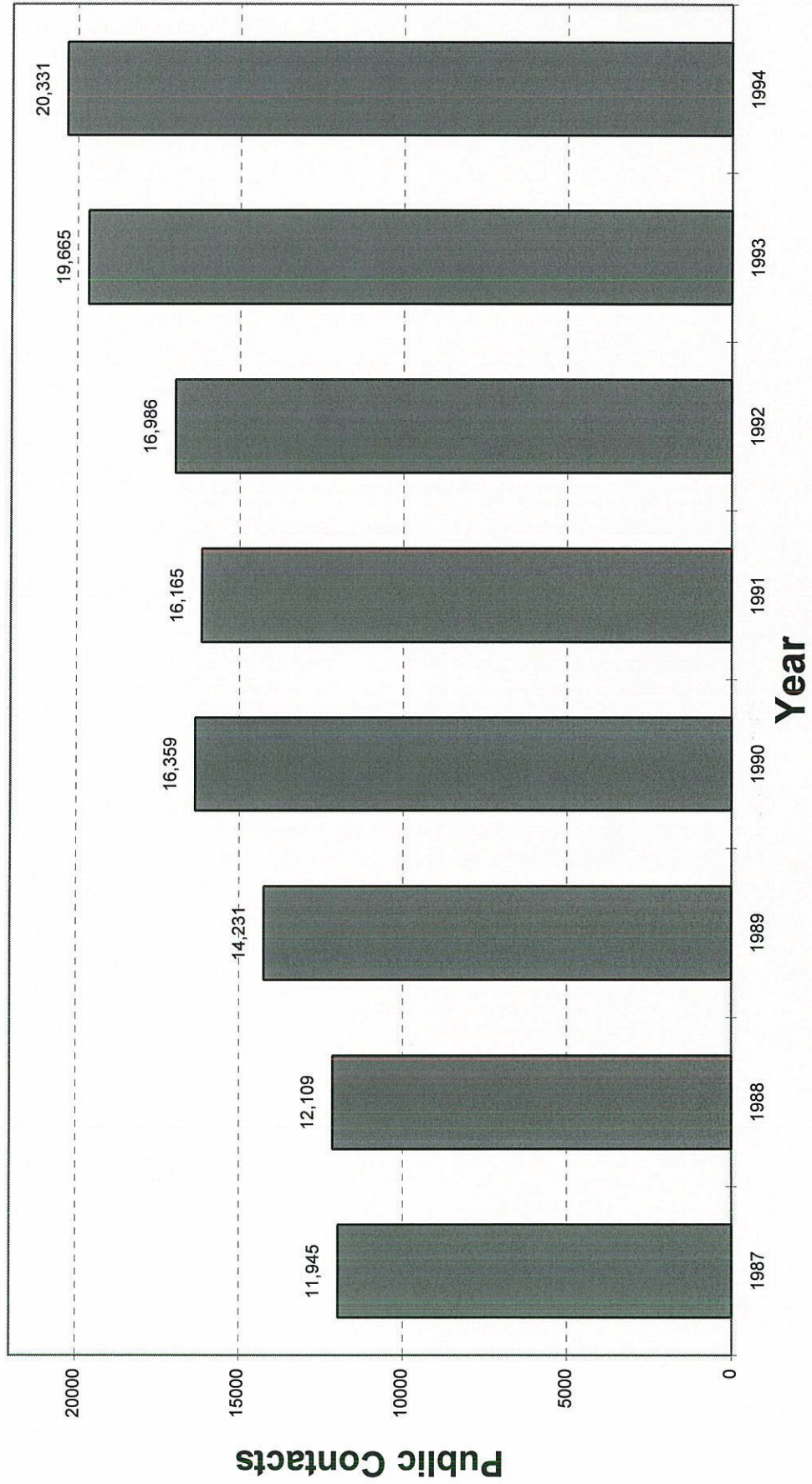
ACTIVITY SUMMARY

FISCAL YEAR 1994

<u>ACTIVITY</u>	<u>TOTAL</u>
NUMBER OF PROFESSIONAL & TECHNICAL STAFF	4
NUMBER OF CLERICAL STAFF	1
NUMBER OF WATER COMMISSIONER FTE ASSIGNED	10.25
NUMBER OF DECREED SURFACE RIGHTS	78
NUMBER OF SURFACE RIGHTS ADMINISTERED	20,514
NUMBER OF WELLS	1369
NUMBER OF PLANS FOR AUGMENTATION	1
NUMBER OF CONSULTATIONS WITH REFEREE	74
NUMBER OF WATER COURT APPEARANCES	6
NUMBER OF MEETINGS W/ WATER USERS	86
NUMBER OF MEETINGS TO RESOLVE WATER RELATED DISPUTES	28
NUMBER OF CONTACTS TO GIVE PUBLIC ASSISTANCE ON WATER MATTERS	20,331

DIVISION 7 PUBLIC CONTACTS

Number of contacts per year



WATER COURT ACTIVITIES

CALENDAR YEAR 1994

NUMBER OF APPLICATIONS FOR DECREES	121
NUMBER OF CONSULTATIONS WITH REFEREE	90
NUMBER OF DECREES ISSUED BY WATER COURT	85

TYPE OF DECREE:

SURFACE WATER	44
GROUND WATER	12
RESERVOIRS	5
TRANSFER	8
ALTERNATE POINT	10
CHANGE IN USE	6
PLANS FOR AUGMENTATION	1
IN-STREAM FLOW	0
OTHER	16

NUMBER OF STRUCTURE IN DECREES:

TYPE OF STRUCTURES:

DITCHES	30
RESERVOIRS	5
WELLS	9
OTHER (SPRINGS, PIPELINES, PUMPS, ETC.)	18
TOTAL STRUCTURES	<u>62</u>

OFFICE ADMINISTRATION FY 1994

<u>NAME</u>	<u>POSITION</u>	<u>FY MONTHS</u>		<u>FY MILEAGE</u>
		<u>BUDGETED</u>	<u>WORKED</u>	
KENNETH A. BEEGLES	DIVISION ENGINEER	12	12	3107
BRUCE T. WHITEHEAD	ASST. DIV. ENGINEER	12	12	254
SCOTT D. BRINTON	HYDROGRAPHER	12	12	15,275
FRANK J. KUGEL	DAM SAFETY ENGINEER	12	12	16,776
SHARI GONZALES	ADMIN. ASST. III	12	5	0

FULL-TIME EMPLOYEES IN THE FIELD

<u>NAME</u>	<u>POSITION</u>	<u>DISTRICT</u>	<u>FY MONTHS</u>		<u>FY MILEAGE</u>
			<u>BUDGETED</u>	<u>WORKED</u>	
WILLIAM BAKER	W.C. C	32	12	12	13,499
HAROLD BAXSTROM	W.C. C	30/Florida	12	12	12,126
GLEN HUMISTON	SR. W.C. C	32,34,69,71	12	12	17,000
RUSSELL KENNEDY	SR. W.C. C	33	12	12	11,298
DAVID NELSON	W.C. C	30/Animas	12	12	9,999
HAL PIERCE	W.C. C	31, 46	12	12	14,683
JOHN (VAL) VALENTINE	W.C. C	29,77,78	12	12	12,444

PERMANENT PART-TIME EMPLOYEES IN THE FIELD

<u>NAME</u>	<u>POSITION</u>	<u>DISTRICT</u>	<u>FY MONTHS</u>		<u>FY MILEAGE</u>
			<u>BUDGETED</u>	<u>WORKED</u>	
ROBERT BECKER	W.C. B	69, 71	10	10	6,078
ROBERT DANIELS	W.C. B	31, 46	6	6	7,783
MATTHEW SCHMITT	W.C. B	33	4	4	4,332
SHERRY SCHUTZ	W.C. B	77	8	8	11,843
JOHN TAYLOR	W.C. B	78	5	5	5,899

TEMPORARY PART-TIME EMPLOYEES IN THE OFFICE

<u>NAME</u>	<u>POSITION</u>	<u>DISTRICT</u>	<u>FY MONTHS</u>		<u>FY MILEAGE</u>
			<u>BUDGETED</u>	<u>WORKED</u>	
ANDREA LANIER	SECRETARY		-	1	0
SHARI GONZALES	SECRETARY		-	6	0
ROBERT DANIELS	W.C. B	CRDSS	3	3	0
JOANNA DANIELS	ENG. TECH	CRDSS	3	3	0

TOTAL MAN-MONTHS	183	183	
TOTAL FTE	15.25	15.25	
TOTAL MILES DRIVEN			162,396

On July 1, 1993 Bruce T. Whitehead was appointed as Assistant Division Engineer
 On February 1, 1994 Shari Gonzales was appointed as Administrative Assistant III

BUDGET SUMMARY DIVISION 7

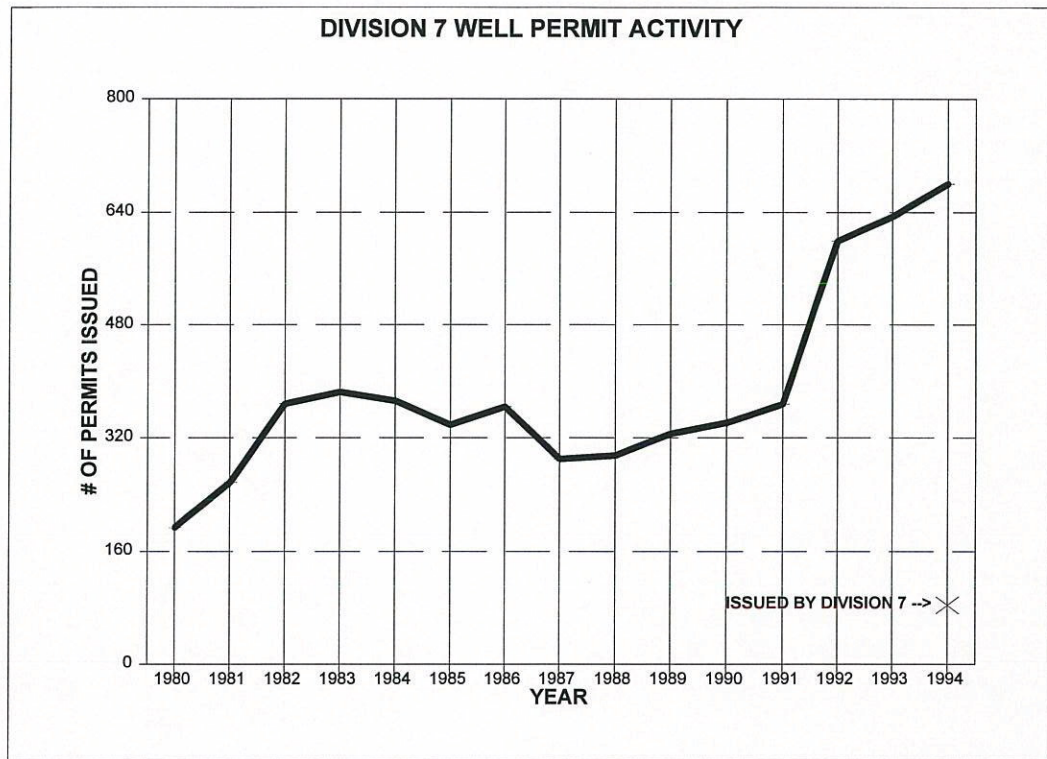
MONTH	FY92-93 EXPENSES	PROJECTED FY93-94	ESTIMATED CUMULATIVE EXPENDITURES	FY93-94 EXPENSES	ACTUAL CUMULATIVE
JULY	6,098	5,200	5,200	4,042	4,042
AUGUST	4,881	5,200	10,400	3,782	7,824
SEPTEMBER	4,353	4,000	14,400	4,343	12,167
OCTOBER	3,965	3,000	17,400	3,512	15,679
NOVEMBER	1,685	2,500	19,900	2,109	17,788
DECEMBER	1,331	2,200	22,100	3,789	21,586
JANUARY	1,688	2,200	24,300	1,817	23,403
FEBRUARY	2,356	2,200	26,500	2,646	26,049
MARCH	2,970	3,000	29,500	3,062	29,111
APRIL	3,067	3,700	33,200	2,886	31,997
MAY	3,454	5,200	38,400	4,820	36,817
JUNE	7,684	5,500	43,900	7,797	44,614
TOTAL	\$43,532	\$43,900	\$44,674	\$44,613	99.9%
REMAINING	(\$417)		(\$61)		

COMMENTS:

1. Budgeted amount increased by \$725 for Satellite Monitoring
2. Budgeted amount includes \$1000 for Groundwater Travel
3. December expenses include \$1100.00 for phone installation

**DIVISION 7
1994 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	8	07/05/94	Dutton Ditch	17	08/25/94	51
29	LITTLE BLANCO R.	M. O. Brown Ditch	7	07/01/94	Echo Ditch	12	09/12/94	73
30	FLORIDA RIVER	Florida Farmers D.	F-24	07/01/94	Florida Farmers D.	F-22.5	10/01/94	92
30	ELBERT CREEK	Conley Ditch	E-1	07/01/94	Conley Ditch	E-1	10/07/94	98
31	PINE RIVER	Spring Creek Ditch	P-26	06/28/94	Thompson Epperson	P-3	10/04/94	98
33	LA PLATA RIVER	Red Mesa Ward Reservoir	65-2	03/09/94	Hay Gulch Ditch	5	11/01/94	225
33	LA PLATA RIVER (Breen to Cherry Ck.)	Old Indian Ditch	36	07/13/94	Old Indian Ditch	36	10/05/94	84
33	LOWER LA PLATA R.	Enterprise Enlg Ditch	46	07/22/94	Sooner Valley Ditch	41	10/05/94	67
34	MANCOS RIVER	Beaver Ditch	36	06/16/94	No. 6 Ditch	5	09/22/94	98



**SUMMARY OF WELL PERMITS ISSUED FOR DIVISION 7
1980 - 1994**

CALENDAR YEAR	# OF PERMITS ISSUED	% CHANGE FROM PREVIOUS YEAR
1980	193	---
1981	257	33.2%
1982	368	43.2%
1983	385	4.6%
1984	372	-3.4%
1985	338	-9.1%
1986	364	7.7%
1987	290	-20.3%
1988	295	1.7%
1989	325	10.2%
1990	341	4.9%
1991	367	7.6%
1992	599	63.2%
1993	634	5.8%
1994	680	7.3%

January 9, 1995

Update on Division 7 Well Permitting Project

Starting Date: October 21, 1994

Number of Permits issued as of January 4, 1995:

Exempt domestic=	69
Non-exempt domestic=	7
Replacement domestic=	4
Total=	80

Time Expended:

Permit issuance=	16 person hours
Permit review=	11 person hours
Processing (mailing, copying, etc.)=	8 person hours
Total=	35 person hours

Average time expended= 27 minutes per permit issued

Postage cost= \$50.95

Time to issuance after application received in Division office:

Permits are signed and mailed every Tuesday. Therefore, the turn around time varies from 1 to 7 days depending on when the permit is submitted. Unacceptable applications are dealt with on the day they are received.

General analysis:

The process is operating smoothly at this time. Initially, minor problems and procedures were ironed out and the time spent has decreased over the ensuing period. The relatively large amount of time spent copying and mailing was not anticipated and has been a surprise. The April through July period will be the next challenge for this project due to the expected volume of applications.

Positives

Enhanced public service w/short process time
Division level awareness of well activity
No verbal approvals needed
Few monitoring holes
Equipment working well
Cooperation from Denver staff
Control our own destiny (have no one to blame but ourselves if we get behind)
Public perceiving improved service

Negatives

Additional workload
Time scheduling
Variances (resolved)
Data base tracking

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 29**

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	31,839
STORAGE	83
STOCKWATER	3,367
MUNICIPAL	925
DOMESTIC	4
INDUSTRIAL	0
RECREATION	0
FISH	2,689
OTHER:COMMERCIAL,AUGMENTATION	828
TRANSMOUNTAIN-TRANSBASIN	1,097
INTERSTATE	28,079
TOTAL DIVERSIONS.....	68,911
DELIVERIES FROM STORAGE	
IRRIGATION	0
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	127
OTHER:	0
TOTAL DIVERSIONS.....	127
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	31,839
ACRES IRRIGATED	12,052
ACRE-FEET DIVERTED PER ACRE	2.64
NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	5
ACTIVE DIVERSIONS-DAILY	156
-INFREQUENT STRUCTURES	51
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	133
-NO INFORMATION AVAILABLE (F CODE)	27
NUMBER OF DITCHES, SURFACE RIGHTS	283
NUMBER OF RESERVOIRS	59
NUMBER OF WELLS	68
NUMBER OF OBSERVATIONS	3,118

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 30**

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	121,167
STORAGE	24,772
STOCKWATER	23,949
MUNICIPAL	5,287
DOMESTIC	198
INDUSTRIAL	23,052
RECREATION	404
FISH	24,635
OTHER: COMMERCIAL, RECHARGE, AUGMENTATION, etc..	578
TRANSMOUNTAIN-TRANSBASIN	294
INTERSTATE	6,725
TOTAL DIVERSIONS.....	231,061
DELIVERIES FROM STORAGE	
IRRIGATION	23,684
DOMESTIC	1
MUNICIPAL	0
STOCK	0
INDUSTRIAL	14,009
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: COMMERCIAL, RECHARGE, etc.	212
SNOWMAKING	33
TOTAL DIVERSIONS.....	37,939
DELIVERIES FROM TRANSBASIN	
IRRIGATION	471
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	471
DUTY OF WATER:	
TOTAL TO IRRIGATION	145,322
ACRES IRRIGATED	32,554
ACRE-FEET DIVERTED PER ACRE	4.46
NUMBER OF STRUCTURES OBSERVED	1,216
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	5
ACTIVE DIVERSIONS-DAILY	250
-INFREQUENT STRUCTURES*	564
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	14
-NOT USED (A,C,D, CODES)	380
-NO INFORMATION AVAILABLE (F CODE)	3
NUMBER OF DITCHES	695
NUMBER OF RESERVOIRS	113
NUMBER OF WELLS	408
NUMBER OF OBSERVATIONS	9,304

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 31**

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	149,589
STORAGE	62,031
STOCKWATER	292
MUNICIPAL	683
DOMESTIC	49
POWER	195,336
RECREATION	21
FISH	1,719
OTHER:COMMERCIAL	51
TRANSMOUNTAIN-TRANSBASIN	201
TOTAL DIVERSIONS.....	409,972
DELIVERIES FROM STORAGE	
IRRIGATION	66,435
DOMESTIC	0
MUNICIPAL	146
STOCK	0
INDUSTRIAL	2
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:EVAPORATION,AUGMENTATION	3,000
TOTAL DIVERSIONS.....	69,583
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	216,024
ACRES IRRIGATED	54,749
ACRE-FEET DIVERTED PER ACRE	3.95
NUMBER OF STRUCTURES OBSERVED	637
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	4
ACTIVE DIVERSIONS-DAILY	124
-INFREQUENT STRUCTURES	347
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	6
-NOT USED (A,C,D, CODES)	149
-NO INFORMATION AVAILABLE (F CODE)	7
NUMBER OF DITCHES, OTHER SURFACE RIGHTS	402
NUMBER OF RESERVOIRS	31
NUMBER OF WELLS	305
NUMBER OF OBSERVATIONS	7,889

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 32**

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	48,433
STORAGE	69
STOCKWATER	1,664
MUNICIPAL	0
DOMESTIC	6
INDUSTRIAL	0
RECREATION	0
FISH	0
OTHER:COMMERCIAL	4
TRANSMOUNTAIN-TRANSBASIN	0
TOTAL DIVERSIONS.....	50,176
DELIVERIES FROM STORAGE	
IRRIGATION	8,095
DOMESTIC	0
MUNICIPAL	0
STOCK	103
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:COMMERCIAL	0
TOTAL DIVERSIONS.....	8,198
DELIVERIES FROM TRANSBASIN	
IRRIGATION	179,091
STORAGE	10,574
MUNICIPAL	4,575
STOCK	1,408
TOTAL FROM TRANSBASIN.....	195,648
DUTY OF WATER:	
TOTAL TO IRRIGATION	235,619
ACRES IRRIGATED	65,297
ACRE-FEET DIVERTED PER ACRE	3.61
NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	185
-INFREQUENT STRUCTURES	76
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	7
-NOT USED (A,C,D, CODES)	116
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES, SURFACE RIGHTS	306
NUMBER OF RESERVOIRS	19
NUMBER OF WELLS	20
NUMBER OF OBSERVATIONS	5,966

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 33**

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	27,001
STORAGE	768
STOCKWATER	3,392
MUNICIPAL	0
DOMESTIC	76
INDUSTRIAL	0
RECREATION	0
FISH	0
OTHER:COMMERCIAL	12
TRANSMOUNTAIN-TRANSBASIN	471
INTERSTATE	1,482
TOTAL DIVERSIONS.....	31,720
 DELIVERIES FROM STORAGE	
IRRIGATION	1,002
DOMESTIC	0
MUNICIPAL	0
STOCK	2
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:RECHARGE	1
TOTAL DIVERSIONS.....	1,005
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
 DUTY OF WATER:	
TOTAL TO IRRIGATION	28,003
ACRES IRRIGATED	9,381
ACRE-FEET DIVERTED PER ACRE	2.99
 NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	47
-INFREQUENT STRUCTURES	60
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	56
-NO INFORMATION AVAILABLE (F CODE)	5
 NUMBER OF DITCHES, SURFACE RIGHTS	
NUMBER OF RESERVOIRS	13
NUMBER OF WELLS	33
NUMBER OF OBSERVATIONS	5,589

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 34**

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	24,481
STORAGE	7,009
STOCKWATER	4,012
MUNICIPAL	710
DOMESTIC	16
RECREATION	0
FISH	0
OTHER:	0
TOTAL DIVERSIONS.....	36,228
DELIVERIES FROM STORAGE	
IRRIGATION	7,808
DOMESTIC	0
MUNICIPAL	157
STOCK	42
INDUSTRIAL	0
RECREATION	0
OTHER:FISHERY,COMMERCIAL	68
TOTAL DIVERSIONS.....	8,075
DELIVERIES FROM TRANSBASIN	
IRRIGATION	406
STORAGE	20
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	426
DUTY OF WATER:	
TOTAL TO IRRIGATION	32,695
ACRES IRRIGATED	11,694
ACRE-FEET DIVERTED PER ACRE	2.80
NUMBER OF STRUCTURES OBSERVED	127
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	4
ACTIVE DIVERSIONS-DAILY	72
-INFREQUENT STRUCTURES	23
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	1
-NOT USED (A,C,D, CODES)	24
-NO INFORMATION AVAILABLE (F CODE)	3
NUMBER OF DITCHES, SURFACE RIGHTS	110
NUMBER OF RESERVOIRS	13
NUMBER OF WELLS	8
NUMBER OF OBSERVATIONS	2,060

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 46**

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	3,903
STORAGE	0
STOCKWATER	22
MUNICIPAL	0
DOMESTIC	1
INDUSTRIAL	0
RECREATION	670
FISH	0
OTHER:	0
INTERSTATE	2,206
TOTAL DIVERSIONS.....	6,802
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	3,903
ACRES IRRIGATED	1,028
ACRE-FEET DIVERTED PER ACRE	3.80
NUMBER OF STRUCTURES OBSERVED	49
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	37
-INFREQUENT STRUCTURES	2
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	10
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES, SURFACE RIGHTS	51
NUMBER OF RESERVOIRS	2
NUMBER OF WELLS	0
NUMBER OF OBSERVATIONS	847

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 69**

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	4,290
STORAGE	192
STOCKWATER	52
MUNICIPAL	0
DOMESTIC	0
INDUSTRIAL	0
RECREATION	0
FISH	362
OTHER:	0
TOTAL DIVERSIONS.....	4,896
DELIVERIES FROM STORAGE	
IRRIGATION	242
DOMESTIC	0
MUNICIPAL	0
STOCK	19
OTHER:	0
TOTAL DIVERSIONS.....	261
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	4,532
ACRES IRRIGATED	1,467
ACRE-FEET DIVERTED PER ACRE	3.09
NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	19
-INFREQUENT STRUCTURES	14
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	31
NUMBER OF RESERVOIRS	8
NUMBER OF WELLS	1
NUMBER OF OBSERVATIONS	194

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 71**

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	14,190
STORAGE	87,333
STOCKWATER	2,587
MUNICIPAL	665
DOMESTIC	19
INDUSTRIAL	2,618
RECREATION	3
FISH	3,032
OTHER:COMMERCIAL	6
TRANSMOUNTAIN-TRANSBASIN	92,651
TOTAL DIVERSIONS.....	203,104
 DELIVERIES FROM STORAGE	
IRRIGATION	125
DOMESTIC	0
MUNICIPAL	0
STOCK	10
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	102,471
OTHER:AUGMENTATION	1
TOTAL DIVERSIONS.....	102,607
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
 DUTY OF WATER:	
TOTAL TO IRRIGATION	14,315
ACRES IRRIGATED	1,915
ACRE-FEET DIVERTED PER ACRE	7.48
 NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY	55
-INFREQUENT STRUCTURES	79
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	72
-NO INFORMATION AVAILABLE (F CODE)	0
 NUMBER OF DITCHES, SURFACE RIGHTS	
NUMBER OF RESERVOIRS	18
NUMBER OF WELLS	44
NUMBER OF OBSERVATIONS	3,706

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 77**

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	14,513
STORAGE	119
STOCKWATER	519
MUNICIPAL	0
DOMESTIC	13
INDUSTRIAL	1
RECREATION	0
FISH	2,635
OTHER:COMMERCIAL	2
INTERSTATE	49,279
TOTAL DIVERSIONS.....	67,081
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DELIVERIES FROM STORAGE	
IRRIGATION	203
DOMESTIC	0
STOCK	0
INDUSTRIAL	0
RECREATION	0
OTHER:FISH	0
TOTAL DIVERSIONS.....	203
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	14,716
ACRES IRRIGATED	2,427
ACRE-FEET DIVERTED PER ACRE	6.06
NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	73
-INFREQUENT STRUCTURES	16
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	31
-NO INFORMATION AVAILABLE (F CODE)	1
NUMBER OF DITCHES, SURFACE RIGHTS	87
NUMBER OF RESERVOIRS	19
NUMBER OF WELLS	13
NUMBER OF OBSERVATIONS	1,569

**1994 IRRIGATION YEAR SUMMARY
DISTRICT 78**

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	23,722
STORAGE	1,597
STOCKWATER	4,347
MUNICIPAL	0
DOMESTIC	108
INDUSTRIAL	0
RECREATION	0
FISH	1,914
OTHER:COMMERCIAL	15
TRANSMOUNTAIN-TRANSBASIN	654
TOTAL DIVERSIONS.....	32,357
 DELIVERIES FROM STORAGE	
IRRIGATION	324
DOMESTIC	0
MUNICIPAL	800
STOCK	0
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:COMMERCIAL	0
TOTAL DIVERSIONS.....	1,124
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	390
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	390
 DUTY OF WATER:	
TOTAL TO IRRIGATION	24,436
ACRES IRRIGATED	6,474
ACRE-FEET DIVERTED PER ACRE	3.77
 NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	3
ACTIVE DIVERSIONS-DAILY	87
-INFREQUENT STRUCTURES	40
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	1
-NOT USED (A,C,D, CODES)	45
-NO INFORMATION AVAILABLE (F CODE)	6
 NUMBER OF DITCHES, SURFACE RIGHTS	
NUMBER OF RESERVOIRS	33
NUMBER OF WELLS	18
NUMBER OF OBSERVATIONS	1,640