

ROY ROMER
Governor



HAROLD D. SIMPSON
State Engineer

DIVISION OF WATER RESOURCES

**Kenneth A. Beegles, P.E.
Acting Division Engineer
Division 7**

1474 Main Ave., P.O. Box 1880
Durango, Colorado 81302-1880
(303) 247-1845
FAX (303) 866-5417

February 14, 1993

Harold D. Simpson
State Engineer
1313 Sherman Street
Denver, CO 80203

Dear Hal:

Enclosed is the 1992 I.Y.R. Division Engineer's Report for Division 7. We have included those items that you outlined and have added additional information in the appendix which was used in preparing the report.

Sincerely,


Kenneth A. Beegles
Division Engineer

KAB:fjk
enclosure

INDEX

	<u>PAGE</u>
<u>CURRENT WATER YEAR</u>	1
<u>COMING WATER YEAR</u>	5
<u>STATISTICAL INFORMATION</u>	
TRANSMOUNTAIN DIVERSIONS	6
RESERVOIR STORAGE SUMMARIES	7
WATER DIVERSION SUMMARIES BY DISTRICT	15
COMPACT DELIVERIES - LA PLATA COMPACT	18
- SAN JUAN - CHAMA	19
ACTIVITY SUMMARY FY 1991 - 1992	20
WATER COURT ACTIVITIES CALENDAR YEAR 1992	21
OFFICE ADMINISTRATION FY 1991 -1992	22
DIVISION 7 BUDGET FY 1991 - 1992	23
DIVISION RIVER CALLS IY 1991 - 1992	24
WELL ACTIVITY SUMMARY 1980 - 1992	25
<u>APPENDIX - WATER DISTRICT SUMMARIES</u>	
DISTRICT 29	A-1
DISTRICT 30	A-2
DISTRICT 31	A-3
DISTRICT 32	A-4
DISTRICT 33	A-5
DISTRICT 34	A-6
DISTRICT 46	A-7
DISTRICT 69	A-8
DISTRICT 71	A-9
DISTRICT 77	A-10
DISTRICT 78	A-11

A. CURRENT WATER YEAR

1. ACCOMPLISHMENTS

The 1992 irrigation season started with a normal snowpack and predictions for adequate water throughout the season. The predictions proved true, supplemented by a very wet May (3.53 inches of rain in Durango) which covered the area extensively and led to enough soil moisture retention that excellent hay production was experienced even on nonirrigated lands. Prices dropped to as low as \$2.00 to \$2.50 per bale. Reservoirs filled early and were able to supplement river flows to the point that few irrigators on those drainages were affected. Total precipitation during the irrigation year in Durango reached 25.8 inches, the highest since 1973. Cool temperatures throughout the summer encouraged pasture grass growth and prevented soil moisture depletion normally experienced in the area.

WATER ADMINISTRATION

The La Plata River was heavily administered and the river remained dry in the middle reaches most of the summer. The Pine River was not strictly administered. The Florida River went on call in July and was curtailed to priority F-20 for a time. Other streams were administered as usual and no major problems occurred.

DAM SAFETY

Dams were inspected as required. The majority of Division Seven dams remained in good condition. Williams Creek Dam was repaired (spillway and toe drains). Through efforts of the dam safety engineer and water commissioners, Spencer Dam (WD34) and Caballo Dam (WD 31) were removed from the storage restriction list leaving only two dams remaining on it. The condition of Sellers and McClane Dam was finally improved through earth work carried out on the dam embankment.

HYDROGRAPHIC

Records were worked and delivered timely for stream gaging stations in the division. Twelve yearly records were included in the state publication for the 1991 water year. Streams were wadeable for the majority of the year. Special cableway inspections were being planned after training conferences in September. Additional monitoring sites were installed and utilized this year. Notable was the inclusion of the San Juan-Chama Tunnel Diversions as part of the reporting sequence at those stream gaging sites.

GROUND WATER

Ground water activity was very heavy with the increased number of housing starts in the area and influx of new residents moving into the area. Over 500 well permit applications were received which was a 50% increase over the previous year. Two hundred and six subdivisions and exemptions were reviewed by the Division Seven office in La Plata County alone. New procedures for processing well permits worked extremely well except for the time demands on the office staff.

WATER RECORDS AND INFORMATION

Continued progress was made in stream mileage measurement by water commissioners. The existing rights inventory was tabulated after approval of the Indian Water Rights Settlement Agreement. This added nearly 1,000 water rights to the existing water rights data base. Computer data compilation of historic diversion records made it possible for us to research computer records for projects rather than rely on the temporal paper copies of the same. Generally, water records were kept efficiently as in the past.

SPECIAL PROJECTS

The Colorado Water Conservation Board approved funding for an irrigated acreage study of lands on the Colorado River drainages. To accomplish this, the services of two temporary people and one water commissioner were employed to field check and verify lands and crop types in Division Seven. With the checked data, we should have a much better idea of the total irrigated acreage in Colorado for further consumptive use studies and modeling.

Other ongoing projects included:

1. Rio Blanco habitat improvement committee - planning
2. McPhee Reservoir - evaluation of downstream fisheries
3. Vallecito Reservoir - planning for an outlet gauging station
4. Dolores River - negotiation with upstream users

2. MAJOR EVENTS

One of the greatest accomplishments that has occurred in Division Seven was the signing of the consent decree approving water rights for the Southern Ute and Ute Mountain Ute Indian tribes, concluding the 11-part W-1603 case filed by the United States in 1976. It was signed by the water judge on December 19, 1991. The only condition to its effectualization is the pending construction and delivery of water from the Animas-La Plata Project.

The Animas-La Plata Project received funding for startup work but was quickly stymied by a Sierra Club lawsuit that insisted that a new Environmental Impact Statement was required. Work continued, however, until ancient burial sites were uncovered during

excavation. A preliminary injunction issued September 22, 1992 then enjoined the Bureau from performing ground disturbing activities at the site until the Supplemental Environmental Impact Statement is complete. Other site-specific work has continued while issues have been addressed.

Additionally, agreement was finally reached after 10 years of negotiation concerning the Dolores River upstream ditch use. That use will now be protected by the release of Groundhog reservoir water to exchange for depletions above McPhee Reservoir.

Meetings were held with geothermal users in the Pagosa Springs area several times this year. An impasse developed between the parties over abandonment of the Rumbaugh well right. The result of further negotiations and study led to a proposed settlement that the town council is currently considering. The goal of our office is to arrive at a better management of the aquifer resource and find ways to use the heat more efficiently for the benefit of all the parties.

A local area group of concerned citizens has studied the potential of methane contamination occurring in many area domestic wells. This group uses the services of our office in acquiring data and consulting with us about technical matters. The results of this study group have not yet been released.

3. COMMUNITY INVOLVEMENT

We were involved in the following local or division-wide organizations:

- Southwestern Water Conservation District
- Dolores Water Conservancy District
- Animas-La Plata Conservancy District
- Southwestern Interagency Council
- Various water ditch companies
- Geothermal Coordinating Committee - Pagosa Springs
- Four Corners GIS Users Group
- Rio Blanco Habitat Improvement Group

Division Seven acts in an advisory role regarding water rights and helps communication of state issues or policies to these organizations. The Division Engineer is currently president of the Southwestern Interagency Council and acts as coordinator for both the Geothermal Coordinating Committee and Rio Blanco Habitat Improvement Group.

4. FUTURE CONSIDERATIONS

Several water matters are still in progress this year. An important issue that needs to be addressed in the future is the administration of existing small ponds in critical areas. A 600 square foot pond loses more water to the system than the household use well next to it. Some areas such as Vallecito have had a proliferation of these

"wide spots in the ditch." Other issues that have yet to be fully resolved are:

1. Changing USBR project uses to additional fish flow-releases
2. Administering geothermal well fields such as the one at Pagosa Springs.
3. Verifying water right ownership in water changes and augmentation plans.
4. Transferring ownership in reservoir storage water.
5. Diverting water for Interstate use.
6. Defining and determining the existence of Federal water rights in wilderness areas.
7. Establishing "wetlands creation and preservation" as a beneficial use in change of right applications.

5. BUDGET

A late season of irrigation following dry conditions in 1991 caused a shortage in operating funds. Restrictions were made in office expenditures. However, the budget did not return to projected levels until March. Normal travel was allowed for the remaining months and the budget ended within \$14.00 of the allocated amount. No new significant purchases were made to update or supplement our office equipment.

6. PERSONNEL CHANGES THAT AFFECTED DIVISION SEVEN

Office operations and morale were affected significantly by the departure of Jeris Danielson as State Engineer and subsequent actions to fill that position that led to the move of Daries "Chuck" Lile from Division Engineer to Director of the Water Conservation Board. The office staff managed to do well in adjusting to these changes; however, some work was not accomplished as timely or with the quality formerly expected. At the year's end, the office secretarial/receptionist help was affected by the loss of our 20-year secretary to temporary disability status. We were able to accommodate for these losses to a certain extent with the help of temporary employees who were working in our office in the latter half of the year. With the appointment of the new State Engineer, Hal Simpson, some of the turmoil felt earlier subsided and a stable reorganization is anticipated in the near future.

B. COMING WATER YEAR

1. OBJECTIVES

This will be a crucial year in the development of the Animas-La Plata Project. Our office intends to work closely with Project issues, to address the alternatives as they are presented and look for ways to promote appropriate water development of Colorado's resources. The La Plata and Animas-La Plata Compacts are running

smoothly and will continue to be operated in the historical manner. We will be looking for ways to increase our water efficiencies in those areas where supplies are short. Our integrated program of maintaining water rights listings and administering streams as they diminish in flow will continue. Certain areas such as the Florida River will be given more attention in terms of looking for domestic supplies and enforcing decrees that have been found inadequate or improperly developed.

This office will continue working toward addressing some of the ongoing issues listed previously. Other work will be in the teacher education area with such programs as Water Education for Teachers and at the Natural Resource Conservation Workshop to be held this summer. We also may be able to hire Youth in Natural Resources as previously requested when our fulltime positions are filled and stability is reached in the office organization.

Possible equipment failure is a concern to us. Much of the data processing equipment as well as some of the satellite monitoring equipment used by this office is five to eight years old.

The effect of budget funding cuts also concerns us. The workload which our office addresses each year continually increases and has severely taxed the operating budget and manpower. Cuts in funding will lead to a prioritized reduction or elimination of some division programs.

2. WATER ADMINISTRATION IMPACT

Following are issues, cases and statutes that we see as having significant impact on water administration in Division Seven in 1993:

A.	Union Park Case court appeal	State Supreme Court
B.	San Juan Basin Recovery Implementation Program	State Agreement
C.	Indian Rights Settlement Agreement	Water Decree
D.	Animas-La Plata Project	Development Project
E.	Gravel Pit Administration	Policy, case law
F.	Wilderness Legislation	Statute
G.	Federal Reserved Rights Litigation	State Supreme Court
H.	Amendment One, spending limitations	Constitution
I.	Clean Water Act II	Statute Reenactment

Each of the above items affects in some way our ability to do the job and to address the goals of the department and the division. Some items help to further define our role in State Administration. Others work to change the complexion of our duties. We hope to stay aware of developments as they occur and believe the changes brought by the pressures from these events will not prevent the state from reaching its goals in the field of water resources.

TRANSMOUNTAIN DIVERSION SUMMARY - OUTFLOWS

SOURCE										RECIPIENT			
WD	ID	NAME	STREAM	10-YEAR AVERAGE		CURRENT YEAR		WD	ID	STREAM			
				AF	DAYS	AF	DAYS						
29	4669	TREASURE PASS DITCH	SAN JUAN RIVER	282.8	76.3	63	44	20	921	RIO GRANDE RIVER			
30	4660	CARBON LAKE DITCH	ANIMAS RIVER	254.4	83.3	373	112	68	692	UNCOMPAHGRE RIVER			
30	4661	MINERAL POINT DITCH	ANIMAS RIVER	98.5	36.4	114	56	68	609	UNCOMPAHGRE RIVER			
30	4662	RED MOUNTAIN DITCH	ANIMAS RIVER	27.7	35.5	33	30	68,41	604,549	UNCOMPAHGRE RIVER			
31	4638	PINE RIVER-WEMINUCHE PASS D.	PINE RIVER	695.4	115.9	503	110	20	919	RIO GRANDE RIVER			
31	4637	WEMINUCHE PASS DITCH	PINE RIVER	1398.2	99.3	2630	119	20	922	RIO GRANDE RIVER			
78	4672	WILLIAMS CREEK-SQUAW PASS D.	PIEDRA RIVER	250.8	94.4	475	93	20	923	RIO GRANDE RIVER			
78	4670	DON LA FONT #1 (S RIVER PEAK)	PIEDRA RIVER	65.7	45.1	51	43	20	917	RIO GRANDE RIVER			
78	4671	DON LA FONT #2 (PIEDRA PASS D.)	PIEDRA RIVER	214.3	63.1	429	92	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	3507	Harris Bros Boone Res 2	Blanco River	172.3	07/30/92	205.5	05/29/92	172.3	
29	3654	Echo Canyon Reservoir	Echo Creek	2,148.8	11/01/91	2,148.8	10/20/92	2,148.8	
		Total of all < 50 AF		103.8		131.7		120.8	
		Total for District 29		2,424.9		2,486.0		2,441.9	

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			
30	3534	Andrews Lake	Lime Creek	127.0	07/23/92	131.0	11/01/91	127.0		
30	3536	Cascade	Elbert Creek	9,151.0	04/25/92	23,218.0	07/01/92	18,418.0		
30	3540	Haviland Lake	Elbert Creek	304.0	11/01/91	304.0	10/27/92	304.0		
30	3546	Ice Lake	Elbert Creek	410.0	07/21/92	416.0	11/01/91	416.0		
30	3547	Keeler Lake	Elbert Creek	488.0	11/01/91	488.0	10/27/92	488.0		
30	3548	Lake of the Pines	Little Cascade Creek	114.0	11/01/91	114.0	10/27/92	114.0		
30	3560	Turner Ponds	Animas River	0.0	12/17/91	84.0	05/18/92	84.0		
30	3561	Turner Reservoir	Waterfall Creek	393.0	11/01/91	472.0	04/27/92	432.0		
30	3576	Florida Canal and Res	Florida River	173.0	05/15/92	249.0	05/28/92	222.0		
30	3581	Lemon Reservoir	Florida River	20,082.0	10/14/92	39,724.0	06/19/92	20,336.0		
30	3622	Henderson Lake	Animas River	58.0	11/01/91	58.0	06/06/92	4.0		
30	3625	Naegelin Lake	Junction Creek	200.0	11/01/91	340.0	05/24/92	300.0		
30	3630	Twilight Lake	Purgatory Creek	45.6	12/11/91	60.0	11/01/91	60.0		
30	3707	Johnson Reservoir	Coal Creek	889.0	11/01/91	1,023.0	04/27/92	944.0		
30	3724	Johnson Lake #2	Wildcat Canyon	120.0	11/01/91	150.0	04/27/92	130.0		
		Total of all < 50 AF		322.2		462.7		435.9		
		Total for District 30		32,876.8		67,293.7		42,814.9		

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)						End of Year
				Minimum		Maximum		Date	Date	
				AF		AF				
31	3518	Vallecito Reservoir	Pine River	56,966.8		10/30/92	06/27/92	123,332.4		57,067.9
31	3517	Wommer Reservoir	Little Bear Creek	208.4		04/29/92	10/04/92	208.4		208.4
31	3520	Bellflower Retention	Springs	59.8		11/01/91	10/30/92	59.8		59.8
		Total of all < 50 AF		0.0				0.0		0.0
		Total for District 31		57,235.0				123,600.6		57,336.1

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)						End of Year
				Minimum		Maximum		Date	Date	
				AF		AF				
32	3601	Totten Reservoir	Transbasin Water	1,755.0		3,064.0		09/22/92	04/13/92	2,494.0
32	3602	Narraguinne Res.	Transbasin Water	13,816.0		18,960.0		12/04/91	06/18/92	16,050.0
32	3603	A M Puett Reservoir	Transbasin Water	586.0		2,402.0		11/01/91	04/27/92	958.0
		Total of all < 50 AF		72.7		90.7				90.7
		Total for District 32		16,229.7		24,516.7				19,592.7

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 Guich	167.0	11/01/91	1,176.0	03/20/92	498.0		
33	3523	Taylor Reservoir	La Plata River	85.6	05/01/92	85.6	10/31/92	85.6		
		Total of all < 50 AF		0.0		0.0		0.0		
		Total for District 33		252.6		1,261.6		583.6		

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	65.0	09/14/92	357.0	05/02/92			107.0
34	3586	Bauer Reservoir No 2	Chicken Creek	570.2	10/31/92	1,532.9	05/15/92			570.2
34	3589	Jackson Gulch Reservoir	W Fork Mancos R	5,114.0	09/22/92	9,948.0	05/20/92			5,114.0
34	3590	L A Bar Reservoir	Chicken Creek	8.6	11/01/91	73.3	05/02/92			8.6
34	3592	Sellers + McClane Res	Mud Creek	11.7	09/14/92	52.1	04/20/92			11.7
34	3594	Weber Reservoir	Middle Fork Mancos R	83.3	10/01/92	441.9	05/01/92			102.1
		Total of all < 50 AF		17.9		64.2				22.5
		Total for District 34		5,870.7		12,469.4				5,936.1

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	323.8	10/31/92	408.6	06/01/92			323.8
69	3530	Dunham Reservoir	Disappointment Creek	66.3	09/14/92	8.0	11/01/91			66.3
69	3532	Morrison Reservoir	Morrison Creek	68.4	10/31/92	116.3	11/01/91			68.4
		Total of all < 50 AF		25.1		50.6				25.1
		Total for District 69		483.6		583.5				483.6

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)			End of Year
				Minimum	Maximum		
71	3606	Big Pine Reservoir	Lost Canyon	70.0	259.0	04/03/92	151.5
71	3607	Buck Pasture Reservoir	Beaver Creek	9.1	53.0	04/29/92	9.1
71	3610	Ethel Belmear Reservoir	Beaver Creek	70.1	87.3	11/01/91	70.1
71	3612	Groundhog Reservoir	Groundhog Creek	16,520.0	21,358.0	06/01/92	16,520.0
71	3613	Lost Canyon Lake	Lost Canyon	11.5	106.2	05/29/92	59.2
71	3614	McPhee Reservoir	Dolores River	294,853.0	380,537.0	05/31/92	303,977.0
71	3619	Summit Reservoir	Lost Canyon	5,012.0	1,023.0	11/01/91	1,075.0
		Total of all < 50 AF		15.0	16.2		16.2
		Total for District 71		316,560.7	403,439.7		321,878.1

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)			End of Year
				Minimum	Maximum		
77	3512	Spence Reservoir	Coyote Creek	350.4	441	05/05/92	409
77	3696	Sappington Reservoir	Coyote Creek	252	421	05/05/92	398
		Total of all < 50 AF		15.4	15.4		15.4
		Total for District 77		617.8	877.4		822.4

RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)			End of Year	
				Minimum	Maximum			
78	3650	Palisade Lake	Middle Fork Piedra R	50.0	11/01/91	50.0	10/29/92	50.0
78	3644	Lake Forest	Dutton Creek	343.2	09/02/92	465.0	03/10/92	401.7
78	3633	Pargin Reservoir	Stollsteimer Creek	316.0	09/09/92	531.0	04/14/92	516.0
78	3636	Pinon Lake	Dutton Creek	89.2	07/2/92	162.0	03/10/92	89.2
78	3646	Town Center Lake	Dutton Creek	325.0	08/03/92	630.0	03/10/92	501.0
78	3624	Dunagan Reservoir	Stollsteimer Creek	5.7	11/01/91	93.4	04/07/92	41.3
78	3629	Linn and Clark Reservoir	Dutton Creek	981.0	11/01/91	1,230.0	03/10/92	1,120.0
78	3645	Stevens Reservoir Dam	Dutton Creek	478.8	03/01/92	635.0	04/02/92	635.0
78	3642	Williams Creek Reservoir	Williams Creek	9,580.0	09/22/92	10,084.0	11/01/91	9,580.0
78	3626	G S Hatcher	Stollsteimer Creek	1,332.0	03/01/92	1,735.0	03/26/92	1,413.2
		Total of all < 50 AF		88.9		151.0		91.4
		Total for District 78		13,589.8		15,766.4		14,438.8

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)	TOTAL DIVERSIONS (ACRE-FEET)	TO IRRIGATION	
	WITH RECORD (1)	NO WATER AVAILABLE (2)	NO WATER TAKEN (3)	NO INFORMATION AVAILABLE (4)	NO RECORD (5)					NUMBER OF ACRES IRRIGATED	AVERAGE ACRE-FOOT PER ACRE
29	292	1	85	17	0	3,271	87,794	145	37,614	11,950	3.15
30	784	14	314	3	0	7,802	293,655	28,045	157,378	32,535	4.84
31	164	9	82	0	0	6,995	538,069	65,260	233,507	54,930	4.25
32	236	4	83	0	0	5,237	224,006	10,879	206,334	60,876	3.39
33	61	0	33	20	0	4,887	44,587	783	36,082	14,392	2.52
34	95	1	25	3	0	1,183	48,173	6,632	36,343	10,553	3.44
46	32	2	9	0	0	802	7,480	0	4,838	1,019	4.75
69	31	0	8	0	0	176	7,224	105	6,748	1,823	3.70
71	124	0	75	2	1	3,583	282,521	99,439	8,779	1,565	5.61
77	84	0	32	0	0	2,147	70,974	91	15,881	2,369	6.70
78	153	2	29	4	0	1,910	30,947	931	21,079	6,998	3.01
TOTAL	2,056	33	775	49	1	37,993	1,635,430	212,310	764,583	198,950	3.84

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

WATER DIVERSION SUMMARIES TO VARIOUS USES

WD	TRANSMOUNTAIN OUTFLOW	TRANSBASIN OUTFLOW	MUNICIPAL	COMMERCIAL	INDUSTRIAL	RECREATION	FISHERY	DOMESTIC & HOUSEHOLD	STOCK
29	63	287	999	406	0	1	2,872	73	5,113
30	520	0	4,686	9,442	78	404	11,603	209	17,857
31	3,133	0	1,321	58	0	69	1,201	36	228
32	0	0	3,965	6	0	0	0	14	2,789
33	0	597	0	8	0	1	0	23	4,967
34	0	0	882	0	0	139	6	18	3,560
46	0	0	0	0	0	812	0	0	22
69	0	0	0	0	0	0	363	0	8
71	166,641	0	433	7	1,795	14	4,628	11	754
77	0	0	0	2	1	0	3,742	14	476
78	955	0	739	88	0	0	1,258	38	3,899
TOTAL	171,312	884	13,025	10,017	1,874	1,440	25,673	496	39,673

WATER DIVERSION SUMMARIES TO VARIOUS USES (CONTINUED)

WD	AUGMENTATION	EVAPORATION	GEOHERMAL	SNOWMAKING	MINIMUM STREAMFLOW	POWER GENERATION	WILDLIFE	RECHARGES	OTHER
29	0	0	0	0	0	0	0	0	3,590
30	0	0	0	49	0	37,787	0	27	7,148
31	0	2,917	0	0	0	230,333	0	0	0
32	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	1	358
34	0	0	0	0	0	0	0	0	377
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	10
77	0	0	0	0	0	0	0	0	273
78	0	0	0	0	0	0	0	0	1,978
TOTAL	0	2,917	0	49	0	268,120	0	28	13,734

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

MONTH	LA PLATA & CHERRY		PINE RIDGE		HESPERUS		STATE LINE		ENTERPRISE (NEW MEXICO)		PIONEER		DELIVERED		REQUIRED	
	STATION	CR. DITCH	STATION	DITCH	TOTAL	TOTAL	STATION	DITCH	DITCH	DITCH	DITCH	DITCH	STATE LINE	TOTAL (1/2 HESP TOTAL)	TOTAL	TOTAL
December	488	0	0	0	488	488	587	0	0	0	0	0	587	587	---	---
January	440	0	0	0	440	440	484	0	0	0	0	0	484	484	---	---
February	461	0	0	0	461	461	819	0	0	0	0	0	819	819	---	---
March	955	0	0	0	955	955	2,530	25	25	0	0	0	2,555	2,555	---	---
April	7,000	0	267	0	7,267	7,267	6,720	109	109	110	110	110	6,939	6,939	---	---
May	13,400	283	252	0	13,935	13,935	7,960	186	186	183	183	183	8,329	8,329	3,600	3,600
June	7,480	1,090	166	0	8,736	8,736	4,700	130	130	181	181	181	5,011	5,011	3,340	3,340
July	1,520	946	0	0	2,466	2,466	1,190	124	124	167	167	167	1,481	1,481	1,280	1,280
August	1,340	74	6	0	1,420	1,420	1,420	111	111	125	125	125	1,656	1,656	710	710
September	1,050	36	29	0	1,115	1,115	428	100	100	108	108	108	636	636	551	551
October	600	29	0	0	629	629	343	103	103	6	6	6	452	452	315	315
November	630	0	0	0	630	630	610	100	100	0	0	0	710	710	---	---
TOTALS *	22,671	2,442	302	0	25,415	25,415	14,728	707	707	729	729	729	16,164	16,164	16,877	16,877

- NOTES:
- 1) New Mexico requested required amount up to 90 cfs, May 8, 1992. Due to above normal precipitation and per agreement with La Plata Conservancy District in New Mexico, 80 cfs was adequate to meet New Mexico's needs.
 - 2) After consultation with New Mexico it was determined that 40 cfs was adequate to meet New Mexico's seasonal demand from June 11 to June 19. New Mexico requested a return to previous compact administration June 20.
 - 3) Stateline deliveries being met by return flows from July 16 to Aug. 6
 - 4) Return flows were not sufficient to make deliveries due to dry streambed from Aug. 5 to Aug. 25. The river flowed through to stateline on Aug. 26, and compact administration resumed.
 - 5) Beginning Sept. 2, return flows met the stateline obligation.
 - 6) After rainstorms in the general area, compact administration resumed Sept. 19.
 - 7) After Sept. 26, return flows met the stateline obligations.

* 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		TEN-YEAR TOTALS (USGS)
					USGS BOOKS	USGS BOOKS	
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			
AVG.	39,538	4,336	45,650	89,524		94,119	1,010,718

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

WATER DIVISION NO. 7

ACTIVITY SUMMARY FY 1992

<u>ACTIVITY</u>	<u>TOTALS</u>
NUMBER OF PROFESSIONAL AND TECHNICAL STAFF	4
NUMBER OF CLERICAL STAFF	1
NUMBER OF WATER COMMISSIONER FTE ASSIGNED	12
NUMBER OF DECREED SURFACE RIGHTS	74
NUMBER OF SURFACE RIGHTS ADMINISTERED/OBSERVATIONS	26,600
NUMBER OF WELLS	1,189
NUMBER OF PLANS FOR AUGMENTATION	4
NUMBER OF CONSULTATIONS WITH REFEREE	103
NUMBER OF WATER COURT APPEARANCES	8
NUMBER OF MEETINGS WITH WATER USERS	120
NUMBER OF MEETINGS TO RESOLVE WATER RELATED DISPUTES	68
NUMBER OF CONTACTS TO GIVE PUBLIC ASSISTANCE ON WATER MATTERS	16,986

WATER COURT ACTIVITIES

CALENDAR YEAR 1992

NUMBER OF APPLICATIONS FOR DECREES	83
NUMBER OF CONSULTATIONS WITH REFEREE	40
NUMBER OF DECREES ISSUED BY WATER COURT	91

TYPE OF DECREE:

SURFACE WATER	52
GROUND WATER	13
RESERVOIRS	10
TRANSFER	3
ALTERNATE POINT	18
CHANGE IN USE	2
PLANS FOR AUGMENTATION	0
IN-STREAM FLOW	0
OTHER	15

NUMBER OF STRUCTURES IN DECREES:

TYPES OF STRUCTURES:

DITCHES	31
RESERVOIRS	10
WELLS	13
OTHER (SPRINGS, PIPELINES, PUMPS, ETC.)	18
TOTAL STRUCTURES	72

OFFICE ADMINISTRATION FYR 1992

<u>NAME</u>	<u>POSITION</u>	<u>FISCAL YEAR</u>		<u>FISCAL YEAR</u>	
		<u>MONTHS BUDGETED/</u>	<u>WORKED</u>	<u>MILEAGE</u>	
DARIES C. LILE	DIVISION ENGINEER	12	12	2,352	P
KENNETH A. BEEGLES	ASS'T DIVISION ENGINEER	12	12	12,963	S
				1,010	P
SCOTT D. BRINTON	HYDROGRAPHER, W.R.E.	12	12	14,290	S
				730	P
FRANK J. KUGEL	DAM SAFETY INSPECTOR				
	SR. PROFESSIONAL ENGINEER	12	12	12,968	S
ANN-LOUISE FAUTH	SENIOR SECRETARY	12	12		

FULL TIME EMPLOYEES IN FIELD

<u>NAME</u>	<u>POSITION</u>	<u>DISTRICT</u>				
WILLIAM E. BAKER	W. C. C	32	12	12	8,822	P
*RICHARD G. BALTZELL	W. C. C	30-Florida	12	12	0	
**HAROLD L. BAXSTROM	W. C. B	29, 78	11	11	12,407	P
GLEN E. HUMISTON	SR. W. C.	32, 34, 69, 71	12	12	15,332	S
J. RUSSELL KENNEDY	SR. W. C.	33	12	12	1,053	P
					8,840	S
DAVID E. NELSON	W. C. C	30-Animas	12	12	9,561	P
HAL M. PIERCE	W. C. C	31, 46	12	12	13,502	P
JOHN E. VALENTINE	W. C. B	29, 77, 78	12	12	9,343	P

PERMANENT PART TIME EMPLOYEES IN FIELD

**HAROLD L. BAXSTROM	W. C. B	29, 78	1.0	1.0	0	
ROBERT R. BECKER	W. C. B	69, 71	9.5	9.5	6,641	P
ROBERT E. DANIELDS	W. C. A	31, 46	6.25	6.25	7,875	P
MATTHEW A. SCHMITT	W. C. A	33	4.0	4.0	3,382	P
SHERRY L. SCHUTZ	W. C. B	77	7.25	7.25	5,556	P
JOHN J. TAYLOR	W. C. B	78	5.0	5.0	6,796	P
		TOTALS	33.00	33.00	64,393	P
		TOTAL FTE	15.75	15.75	89,030	S

TOTAL MILES DRIVEN

153,453

*Retired July 1991

**Made full time August 1991, replace Baltzell

Old State vehicle also used by various floater commissioners

**DIVISION 7
BUDGET PROJECTIONS**

MONTH	FY90-91 TOTAL	PROJECTED FY91-92	EST CUMULATIVE EXPENDITURES	FY91-92 EXPENSES	ACTUAL CUMULATIVE
----- Figures in dollars					
JULY	4,271	5,200	5,200	4,835	4,835
AUGUST	4,885	5,200	10,400	4,602	9,437
SEPTEMBER	4,903	4,000	14,400	4,131	13,568
OCTOBER	4,553	3,000	17,400	4,728	18,296
NOVEMBER	2,098	2,500	19,900	2,567	20,863
DECEMBER	2,445	2,200	22,100	2,855	23,718
JANUARY	1,921	2,200	24,300	2,050	25,768
FEBRUARY	2,437	2,200	26,500	1,223	26,991
MARCH	1,670	3,000	29,500	2,881	29,872
APRIL	3,073	4,000	33,500	1,840	31,712 *
MAY	5,110	5,200	38,700	4,258	35,970
JUNE	5,950	5,500	44,200	5,263	41,233

TOTAL	\$43,316	\$44,200	\$41,247	\$41,233	100.0%
REMAINING	(\$100)		(\$14)		

* Total reduced by \$625 transfer to compact fund

DIVISION 7
1992 RIVER CALLS

<u>WD</u>	<u>RIVER</u>	<u>INITIAL CALLING STRUCTURE</u>	<u>PRIORITY</u>	<u>DATE ON CALL</u>	<u>MOST SENIOR CURTAILED STRUCTURE</u>	<u>PRIORITY</u>	<u>DATE OFF CALL</u>	<u>DAYS</u>
29	FOUR MILE CREEK	Mesa Ditch	#10	07/07/92	Dutton Ditch	#17	08/25/92	50
29	LITTLE BLANCO R.	Mees Ditch	#7	07/07/92	Echo Ditch	#12	09/28/92	84
30	FLORIDA RIVER	Florida Farmers D.	F-60	07/01/92	Florida Canal	F-23	10/08/92	100
30	SPRING CREEK	Macy Ditch	68-23	07/14/92	Blakely Res.		07/28/92	15
31	PINE RIVER (1)	Spring Creek D. et al	P-26	07/01/92	Indian Ditches (09/10/92)	P-1	10/30/92	122
33	LA PLATA RIVER	Warren Vosburgh	66	04/25/92	Slade	65-28	05/20/92	26
	LA PLATA RIVER	New Mexico		06/17/92	Hay Gulch	35	10/31/92	
33	LOWER LA PLATA R.	New Mexico		07/19/92	Sooner Valley	41	10/31/92	105
34	MANCOS RIVER	Glasgow & Brewer	49	06/30/92	Beaver Ditch	53	09/09/92	72

1) - Vallecito Reservoir offered to make up shortage in ditches for entire year.

**SUMMARY OF WELL PERMITS ISSUED FOR DIVISION 7
1980 - 1992**

WATER YEAR	# OF PERMITS ISSUED	% CHANGE FROM PREVIOUS YEAR
1980	206	---
1981	218	5.8%
1982	379	73.9%
1983	389	2.6%
1984	358	-8.0%
1985	332	-7.3%
1986	365	9.9%
1987	304	-16.7%
1988	282	-7.2%
1989	330	17.0%
1990	335	1.5%
1991	372	11.0%
1992	564	51.6%

**1992 IRRIGATION YEAR SUMMARY
DISTRICT 29**

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	37,614
STORAGE	145
STOCKWATER	5,113
MUNICIPAL	999
DOMESTIC	71
INDUSTRIAL	0
RECREATION	1
FISH	2,872
OTHER:COMMERCIAL	406
TRANSMOUNTAIN-TRANSBASIN	1,518
INTERSTATE	32,912
	81,651
TOTAL DIVERSIONS.....	81,651
DELIVERIES FROM STORAGE	
IRRIGATION	0
DOMESTIC	2
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	96
OTHER:FISH	0
	98
TOTAL DIVERSIONS.....	98
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	37,614
ACRES IRRIGATED	11,950
ACRE-FEET DIVERTED PER ACRE	3.15
NUMBER OF STRUCTURES OBSERVED	335
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	13
ACTIVE DIVERSIONS-DAILY	167
-INFREQUENT STRUCTURES	63
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	1
-NOT USED (A,C,D, CODES)	86
-NO INFORMATION AVAILABLE (F CODE)	5
NUMBER OF DITCHES, SURFACE RIGHTS	281
NUMBER OF RESERVOIRS	59
NUMBER OF WELLS	68
NUMBER OF OBSERVATIONS	3,271

1992 IRRIGATION YEAR SUMMARY DISTRICT 30

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	136,018
STORAGE	28,045
STOCKWATER	17,828
MUNICIPAL	4,686
DOMESTIC	212
INDUSTRIAL	29,094
RECREATION	404
FISH	11,603
OTHER: COMMERCIAL, RECHARGE, EVAP etc.	402
TRANSMOUNTAIN-TRANSBASIN	520
INTERSTATE	9,671
TOTAL DIVERSIONS.....	238,483
DELIVERIES FROM STORAGE	
IRRIGATION	21,043
DOMESTIC	1
MUNICIPAL	0
STOCK	0
INDUSTRIAL	17,459
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: FISH, COMMERCIAL, etc.	125
SNOWMAKING	35
TOTAL DIVERSIONS.....	38,663
DELIVERIES FROM TRANSBASIN	
IRRIGATION	345
STORAGE	0
MUNICIPAL	0
STOCK	29
TOTAL FROM TRANSBASIN.....	374
DUTY OF WATER:	
TOTAL TO IRRIGATION	157,406
ACRES IRRIGATED	32,555
ACRE-FEET DIVERTED PER ACRE	4.84
NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	283
-INFREQUENT STRUCTURES*	506
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	18
-NOT USED (A,C,D, CODES)	346
-NO INFORMATION AVAILABLE (F CODE)	3
NUMBER OF DITCHES	674
NUMBER OF RESERVOIRS	110
NUMBER OF WELLS	406
NUMBER OF OBSERVATIONS	7,802

1992 IRRIGATION YEAR SUMMARY DISTRICT 31

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	170,074
STORAGE	65,260
STOCKWATER	228
MUNICIPAL	1,057
DOMESTIC	36
POWER	230,333
RECREATION	69
FISH	1,201
OTHER:COMMERCIAL	58
TRANSMOUNTAIN-TRANSBASIN	3,133
TOTAL DIVERSIONS.....	471,449
DELIVERIES FROM STORAGE	
IRRIGATION	63,433
DOMESTIC	0
MUNICIPAL	264
STOCK	0
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:EVAPORATION	2,917
TOTAL DIVERSIONS.....	66,614
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	233,507
ACRES IRRIGATED	54,930
ACRE-FEET DIVERTED PER ACRE	4.25
NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	125
-INFREQUENT STRUCTURES	235
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	9
-NOT USED (A,C,D. CODES)	82
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES, OTHER SURFACE RIGHTS	298
NUMBER OF RESERVOIRS	30
NUMBER OF WELLS	137
NUMBER OF OBSERVATIONS	6,995

1992 IRRIGATION YEAR SUMMARY DISTRICT 32

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	45,634
STORAGE	0
STOCKWATER	220
MUNICIPAL	130
DOMESTIC	12
INDUSTRIAL	0
RECREATION	0
FISH	0
OTHER:COMMERCIAL	4
TRANSMQUNTAIN-TRANSBASIN	0
TOTAL DIVERSIONS.....	46,000
DELIVERIES FROM STORAGE	
IRRIGATION	10,733
DOMESTIC	2
MUNICIPAL	0
STOCK	425
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:FISH,COMMERCIAL	2
TOTAL DIVERSIONS.....	11,162
DELIVERIES FROM TRANSBASIN	
IRRIGATION	149,967
STORAGE	10,879
MUNICIPAL	3,835
STOCK	2,144
TOTAL FROM TRANSBASIN.....	166,825
DUTY OF WATER:	
TOTAL TO IRRIGATION	206,334
ACRES IRRIGATED	60,876
ACRE-FEET DIVERTED PER ACRE	3.39
NUMBER OF STRUCTURES OBSERVED	330
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	180
-INFREQUENT STRUCTURES	83
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	4
-NOT USED (A,C,D, CODES)	82
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES, SURFACE RIGHTS	293
NUMBER OF RESERVOIRS	17
NUMBER OF WELLS	20
NUMBER OF OBSERVATIONS	5,237

**1992 IRRIGATION YEAR SUMMARY
DISTRICT 33**

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	35,223
STORAGE	783
STOCKWATER	4,946
MUNICIPAL	0
DOMESTIC	23
INDUSTRIAL	0
RECREATION	1
FISH	0
OTHER:COMMERCIAL	8
TRANSMOUNTAIN-TRANSBASIN	597
INTERSTATE	1,767
	<hr/>
TOTAL DIVERSIONS.....	41,581
 DELIVERIES FROM STORAGE	
IRRIGATION	859
DOMESTIC	0
MUNICIPAL	0
STOCK	21
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:	1
	<hr/>
TOTAL DIVERSIONS.....	881
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
	<hr/>
TOTAL FROM TRANSBASIN.....	0
 DUTY OF WATER:	
TOTAL TO IRRIGATION	36,082
ACRES IRRIGATED	14,332
ACRE-FEET DIVERTED PER ACRE	2.52
 NUMBER OF STRUCTURES OBSERVED	157
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	44
-INFREQUENT STRUCTURES	60
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	35
-NO INFORMATION AVAILABLE (F CODE)	20
 NUMBER OF DITCHES, SURFACE RIGHTS	112
NUMBER OF RESERVOIRS	13
NUMBER OF WELLS	32
NUMBER OF OBSERVATIONS	4,887

1992 IRRIGATION YEAR SUMMARY DISTRICT 34

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	30,346
STORAGE	6,597
STOCKWATER	3,550
MUNICIPAL	896
DOMESTIC	18
RECREATION	0
FISH	0
OTHER:COMMERCIAL	0
TOTAL DIVERSIONS.....	41,407

DELIVERIES FROM STORAGE	
IRRIGATION	5,530
DOMESTIC	0
MUNICIPAL	194
STOCK	0
INDUSTRIAL	0
RECREATION	139
OTHER:COMMERCIAL	0
TOTAL DIVERSIONS.....	5,863

DELIVERIES FROM TRANSBASIN	
IRRIGATION	467
STORAGE	35
MUNICIPAL	0
STOCK	10
TOTAL FROM TRANSBASIN.....	512

DUTY OF WATER:	
TOTAL TO IRRIGATION	36,343
ACRES IRRIGATED	10,553
ACRE-FEET DIVERTED PER ACRE	3.44

NUMBER OF STRUCTURES OBSERVED	120
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	2
ACTIVE DIVERSIONS-DAILY	63
-INFREQUENT STRUCTURES	29
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	1
-NOT USED (A,C,D, CODES)	25
-NO INFORMATION AVAILABLE (F CODE)	1

NUMBER OF DITCHES, SURFACE RIGHTS	107
NUMBER OF RESERVOIRS	12
NUMBER OF WELLS	8
NUMBER OF OBSERVATIONS	1,183

1992 IRRIGATION YEAR SUMMARY
DISTRICT 46

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	4,838
STORAGE	0
STOCKWATER	22
MUNICIPAL	0
DOMESTIC	0
INDUSTRIAL	0
RECREATION	812
FISH	0
OTHER:COMMERCIAL	0
INTERSTATE	1,807
TOTAL DIVERSIONS.....	7,479
 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	4,838
ACRES IRRIGATED	1,019
ACRE-FEET DIVERTED PER ACRE	4.75
 NUMBER OF STRUCTURES OBSERVED	49
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	37
-INFREQUENT STRUCTURES	1
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	2
-NOT USED (A,C,D, CODES)	9
-NO INFORMATION AVAILABLE (F CODE)	0
 NUMBER OF DITCHES, SURFACE RIGHTS	42
NUMBER OF RESERVOIRS	2
NUMBER OF WELLS	0
NUMBER OF OBSERVATIONS	802

**1992 IRRIGATION YEAR SUMMARY
DISTRICT 69**

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	6,577
STORAGE	105
STOCKWATER	5
MUNICIPAL	0
DOMESTIC	0
INDUSTRIAL	0
RECREATION	0
FISH	0
OTHER:COMMERCIAL	0
TOTAL DIVERSIONS.....	6,687

DELIVERIES FROM STORAGE	
IRRIGATION	171
DOMESTIC	0
MUNICIPAL	0
STOCK	3
OTHER:FISH	0
TOTAL DIVERSIONS.....	174

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

DUTY OF WATER:	
TOTAL TO IRRIGATION	6,748
ACRES IRRIGATED	1,823
ACRE-FEET DIVERTED PER ACRE	3.70

NUMBER OF STRUCTURES OBSERVED	41
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)	8
-NO INFORMATION AVAILABLE (F CODE)	0

NUMBER OF DITCHES, SURFACE RIGHTS	31
NUMBER OF RESERVOIRS	8
NUMBER OF WELLS	1
NUMBER OF OBSERVATIONS	176

**1992 IRRIGATION YEAR SUMMARY
DISTRICT 71**

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	8,671
STORAGE	99,439
STOCKWATER	750
MUNICIPAL	433
DOMESTIC	11
INDUSTRIAL	1,795
RECREATION	14
FISH	4,628
OTHER:COMMERCIAL	7
TRANSMOUNTAIN-TRANSBASIN	<u>103,135</u>
TOTAL DIVERSIONS.....	218,883
DELIVERIES FROM STORAGE	
IRRIGATION	108
DOMESTIC	0
MUNICIPAL	0
STOCK	4
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	63,506
OTHER:AUGMENTATION	<u>10</u>
TOTAL DIVERSIONS.....	63,628
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	<u>0</u>
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	8,779
ACRES IRRIGATED	1,565
ACRE-FEET DIVERTED PER ACRE	5.61
NUMBER OF STRUCTURES OBSERVED	206
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY	51
-INFREQUENT STRUCTURES	77
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D. CODES)	77
-NO INFORMATION AVAILABLE (F CODE)	1
NUMBER OF DITCHES, SURFACE RIGHTS	141
NUMBER OF RESERVOIRS	18
NUMBER OF WELLS	44
NUMBER OF OBSERVATIONS	3,583

**1992 IRRIGATION YEAR SUMMARY
DISTRICT 77**

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	15,576
STORAGE	91
STOCKWATER	476
MUNICIPAL	0
DOMESTIC	14
INDUSTRIAL	1
RECREATION	0
FISH	3,742
OTHER:COMMERCIAL	2
INTERSTATE	50,326
TOTAL DIVERSIONS.....	70,228

DELIVERIES FROM STORAGE	
IRRIGATION	32
DOMESTIC	0
STOCK	0
INDUSTRIAL	0
RECREATION	0
OTHER:FISH	0
TOTAL DIVERSIONS.....	32

DELIVERIES FROM TRANSBASIN	
IRRIGATION	273
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	273

DUTY OF WATER:	
TOTAL TO IRRIGATION	15,881
ACRES IRRIGATED	2,369
ACRE-FEET DIVERTED PER ACRE	6.70

NUMBER OF STRUCTURES OBSERVED	134
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	72
-INFREQUENT STRUCTURES	26
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	36
-NO INFORMATION AVAILABLE (F CODE)	0

NUMBER OF DITCHES, SURFACE RIGHTS	86
NUMBER OF RESERVOIRS	19
NUMBER OF WELLS	13
NUMBER OF OBSERVATIONS	2,147

1992 IRRIGATION YEAR SUMMARY DISTRICT 78

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	19,725
STORAGE	727
STOCKWATER	3,899
MUNICIPAL	4
DOMESTIC	38
INDUSTRIAL	0
RECREATION	0
FISH	1,258
OTHER:COMMERCIAL	68
TRANSMOUNTAIN-TRANSBASIN	955
TOTAL DIVERSIONS.....	26,674
DELIVERIES FROM STORAGE	
IRRIGATION	359
DOMESTIC	0
MUNICIPAL	735
STOCK	0
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:COMMERCIAL	20
TOTAL DIVERSIONS.....	1,114
DELIVERIES FROM TRANSBASIN	
IRRIGATION	991
STORAGE	204
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	1,195
DUTY OF WATER:	
TOTAL TO IRRIGATION	21,075
ACRES IRRIGATED:	6,998
ACRE-FEET DIVERTED PER ACRE	3.01
NUMBER OF STRUCTURES OBSERVED	165
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY	92
INFREQUENT STRUCTURES	39
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	2
NOT USED (A,C,D, CODES)	31
NO INFORMATION AVAILABLE (F CODE)	3
NUMBER OF DITCHES, SURFACE RIGHTS	145
NUMBER OF RESERVOIRS	33
NUMBER OF WELLS	18
NUMBER OF OBSERVATIONS	1,910