

ROY ROMER
Governor



JERIS A. DANIELSON
State Engineer

DIVISION OF WATER RESOURCES

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DIVISION 7
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January 23, 1992

Dr. Jeris A. Danielson
State Engineer
818 Centennial Building
1313 Sherman Street
Denver, Colorado 80203

Dear Dr. Danielson:

Enclosed is the 1991 IYR Division Engineer's Report for Division 7. We have included those items which you outlined, together with additional information in the appendix which was used in preparing the report.

Sincerely,

A handwritten signature in cursive script, appearing to read "Daries C. Lile".

Daries C. Lile
Division Engineer

DCL: alf
enclosure

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DIVISION 7

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Water Year

I. CURRENT WATER YEAR

A. WATER SUPPLY

The 1991 water year began with a positive outlook when we had heavy rains in the fall of 1990; this coupled with near normal snow pack through the winter and heavy snows in March, greatly improved the water supply over the dry spell of 1989 and 1990.

There was ample carryover storage in all reservoirs, and combined with above-normal spring precipitation an average water supply developed. Water supplies were managed by allowing controlled filling of reservoirs while delivering adequate irrigation water as the season began.

B. RIVER CALLS

Administrative calls were placed on the Florida, Pine, La Plata, Mancos, and Dolores Rivers, and McElmo Creek. The McElmo Creek call is of particular interest since this was the second year in a row that due to lack of early spring imported water from the Dolores River, return flows to supply the needs in McElmo Canyon did not materialize. This was due in part to the Montezuma Valley users not desiring to irrigate as early since they can allow for storage in McPhee Reservoir and then make withdrawals later in the season when water is needed. There seems to be an increase in return flows in McElmo Creek later in the summer, and it is believed that this is a result of the increased water supply to the MVI users from the Dolores Project. Consequently, there may be an adequate supply of water to McElmo Creek, but the timing has changed.

C. ISSUES IMPACTING WORKLOAD

The Division worked with several water user groups this past year to help resolve problems with the bypass flows below McPhee Reservoir; the San Juan-Chama diversion effects on the Rio Blanco River; oil and gas contamination to ground water, and the development of geothermal resources in Pagosa Springs.

(1) DOLORES PROJECT

A committee has been established to work on resolving the amount of water that is to be released below McPhee Reservoir for fish habitat. Subgroups which include hydrology, biology, and water rights have been formed and each group is making recommendations to the larger committee. Presently, approximately 30,000 AF/yr. has been set aside for releases which are being controlled by the biology committee, while an interim study is being made, and a search for additional water is being conducted.

(2) SAN JUAN-CHAMA PROJECT

Two important steps have been taken toward resolving the conflict over the minimum bypasses below the San Juan-Chama Project on the Rio Blanco, the first being a request by Colorado to the U. S. Bureau of Reclamation for the additional 9.0 c.f.s. of bypass flows above the 20 c.f.s. established by the authorizing legislation. The Bureau has initially denied the request, but it

seems there may be avenues for continued discussions, and perhaps management of the system which will allow for the additional flows. There has also been an offer by the U.S.B.R. to pay for fish habitat improvements below the diversions. They have agreed to provide \$10,000 for consulting fees, and to provide equipment for habitat improvement work. We hope to be able to complete at least three reaches this summer.

(3) OIL AND GAS CONTAMINATION

The Colorado Oil and Gas Commission, along with cooperation from the industry, La Plata County, the Colorado Department of Health and our agency, conducted a survey of over 300 wells in the county for the purpose of determining the extent of natural gas contamination. The formal report has not been released, but preliminary data indicates that about over 70 wells have some form of contamination which is approximately 20% of the wells surveyed.

The gas contamination is an increasing problem and is due in part to the construction methods of wells in the early 1950's as well as the increased natural gas exploration into the coalbed methane aquifers.

A cathodic protection well near Bondad was discovered to be venting natural gas and water. Investigation by the Division staff and the oil and gas employees determined that the best alternative was to seal the cathodic well to prevent further communication between the ground water aquifers and the gas beds. The company which operated the well cooperated fully and the well was sealed in early September. There is a suspect gas well near the cathodic well that has been reworked, but recently we were informed that a neighboring water well may be experiencing problems.

(4) GEOTHERMAL

Pagosa Springs geothermal resources continue to be a point of controversy. The water court case which was filed by the Town to change the point of diversion for the Rumbaugh Well to the Town's PS-3 and 5 Wells has been continued by agreement of the parties to allow for further study of the aquifer and the development of a geothermal management district. An advisory group has been established and they are meeting in an effort to develop a program that could resolve the issues. They are primarily looking at the development of a geothermal management district, and obtaining assistance from the Department of Energy to study the aquifer, and evaluate the existing uses in an attempt to maximize efficient use of the resource.

D. ABANDONMENT

The Division completed hearings on the 1990 Abandonment List and submitted the revised list to the Division 7 Water Court. There were 62 protests to the list and we were able to resolve most of the issues. It is anticipated that we will have only a few protests to the list at the water court, but those will require a lot of preparation and legal work if we are required to hold a trial.

E. INDIAN DECREES

The Division 7 Water Court Judge, Al Haas, signed the Consent Decree between the State of Colorado, the Ute Indian Tribes, and the Federal Government on December 19, 1991. This was possibly the most important case to be completed in the water court since its establishment. It represented years of negotiations which required compromises by all parties concerned. The most significant fact is that the Indian claims were settled by negotiation rather than litigation, which has been the case in most other western states. There are provisions for state administration within the reservation, and resolving this issue in itself was a major concession by the Tribes. As a result of the Settlement, thousands, if not millions of dollars were saved by both sides of the issue in legal and consulting costs alone. The settlement of the Tribal claims will have a far reaching impact for years with regard to all water users in Division 7.

F. WELL PERMITS

Division 7 has been involved with a new program to aid in the processing of well permits. A committee was formed early in 1991 to develop a process wherein the Division offices would be the first step in reviewing well permit applications. A check sheet was compiled and training given to staff members from Divisions 3, 6, and 7. Applicants for well permits begin the process in the Division offices when possible, rather than mailing the forms to Denver. The local Water Commissioners evaluate and review the applications for errors and once all necessary corrections have been made, the applications are sent to Denver with the check sheet attached. This has resulted in a reduction of the number of permit applications being returned to the public for corrections and/or additional information from about 40% to less than 10%. The processing time for typical exempt wells is often less than ten working days. This program has been a very positive step in improving our relationship with the public, and has helped reduce the permit processing backlog in several Divisions.

G. GROUND WATER DATA IMPROVEMENTS

The Division staff has been working with the records and information section in Denver to update and improve our data base on wells. Two Water Commissioners have been trained and have already spent a week in Denver researching well files and updating the computerized data base. This will greatly enhance our ability to respond to customers with regard to ground water yields and uses.

H. RECLAMATION PROJECTS - STATUS

(1) The Animas-La Plata Project was finally given authorization for construction from the Commissioner of Reclamation in October 1991. This was after a Memorandum of Understanding was reached with the U.S. Fish and Wildlife Service over the implementation of a recovery plan for the endangered Colorado River squaw fish. A groundbreaking ceremony was held on October 26, 1991, which marks the beginning of the long-awaited project. However, once

the Notice to Construct was issued, environmental groups filed a letter with the U. S. B. R. stating that they intended to file a suit to stop construction because in their opinions, the Bureau needs to update their Environmental Impact Statement since the project is to be built in phases. Only time will tell what will occur next with regard to the project.

(2) The Dolores Project is nearing completion and it is projected that all construction will finish by 1995. The primary activities presently revolve around the final reach of the Towaoc Canal and the development of lands on the Ute Mountain Ute Reservation. The Dove Creek area finally received water in mid-July 1991, and 18,216 acres are presently being given a full supply of water, and approximately 27,000 acres of MVI lands are receiving supplemental water.

One of the most interesting features of the project is the efficiency of water use and the ability to control every gallon of water applied to maximize the beneficial use of water. There is an informal water bank between water users and the Dolores Conservancy district which allows for credits to be given to those who conserve water, and the banking of water for those users who need additional supplies. The project is very well designed and the innovative techniques being used should be held as an example for all water users.

I. INTERSTATE COMPACTS

(1) LA PLATA RIVER

The La Plata River Compact was operated without undue conflict this past season. As usual, deliveries were affected by changing hydrological conditions with a particularly long hot spell in July and only minimal rains in August. The amount of water delivered to New Mexico was within compliance of the Articles of the Compact and we received no complaints from the state of New Mexico. Colorado users continue to disagree over when and how to administer the futile call, but all issues were resolved by holding a public meeting at Red Mesa to explain our operation of the Compact.

(2) UPPER BASIN COMPACT

The lower basin states are pushing Colorado to allow for the use of surplus flows and the establishment of a water bank to aid California during the drought years. The Governor has appointed a team consisting of Jeris Danielson, State Engineer; David Walker, Director, Colorado Water Conservation Board; Jim Lockhead, Colorado River Commissioner; and Ken Salazar, Executive Director of the Division of Natural Resources, to work with the Upper and Lower Basin states on the issues involving the Colorado River. At the present time there has been very little progress since California and Arizona cannot reach an agreement on how to proceed.

II. UPCOMING WATER YEAR

A. WATER SUPPLY

The upcoming water year appears to be off to a good start. We have again experienced a wet fall and the snow pack to date is 116% of normal. With normal precipitation and the more than adequate carryover storage in our reservoirs, there will hopefully be sufficient supplies.

B. ISSUES IMPACTING WORKLOAD

Wilderness water rights and the pending Wilderness Bill in Congress, particularly on the Piedra River, will be an issue that impacts the Division as we move into the 1992 water year. The present bills in Congress allows that the only water right that will be in the wilderness will be the state's instream flow rights, and not a federal reserved right. However, at issue will be the measure of the state instream flow right - will it be limited to the current standard, i. e., that amount to protect the environment to a reasonable degree, with a cold water fishery being the standard, or the amount of flows that the U. S. Forest Service would like to see, which mimics the natural hydrograph of the stream and is based on the principle of fluvial geomorphology. Since the Piedra River wilderness area is a downstream wilderness, this would basically prevent future uses of water upstream and the wilderness flows could possibly demand the entire stream. There is also concern that a precedent would be set for other downstream wildernesses such as on the Dolores River.

Statistic Info

1991

TRANSMOUNTAIN DIVERSION SUMMARY

DIVISION 7

SOURCE		1991 WATER YEAR		1990 WATER YEAR		DESTINATION	
DISTRICT	NAME	ACRE-FEET DIVERTED	# OF DAYS DIVERTED	ACRE-FEET DIVERTED	# OF DAYS DIVERTED	WATER DISTRICT	RIVER
	TREASURE PASS DITCH	9	8	53	29	20	RIO GRANDE RIVER
	CARBON LAKE DITCH	407	128	78	95	68	UNCOMPAHGRE RIVER
	MINERAL POINT DITCH	165	56		DITCH WASHED OUT	68	UNCOMPAHGRE RIVER
	RED MOUNTAIN DITCH	78	99	36	45	68	UNCOMPAHGRE RIVER
	PINE RIVER--WEMINUCHE PASS D.	275	48	451	86	20	RIO GRANDE RIVER
	WEMINUCHE PASS DITCH	685	30	962	104	20	RIO GRANDE RIVER
	WILLIAMS CREEK-SQUAW PASS D.	235	65	205	37	20	RIO GRANDE RIVER
	DON LA FONT #1 (S RIVER PEAK)	62	43	32	41	20	RIO GRANDE RIVER
	DON LA FONT #2 (PIEDRA PASS D.)	411	107	106	75	20	RIO GRANDE RIVER

DIVISION 7

RESERVOIR NAME	SOURCE STREAM	IRRIGATION YEAR 1991				IRRIGATION YEAR 1990			
		BEGINNING IRRIGATION YEAR STORAGE	%	BEGINNING IRRIGATION SEASON STORAGE	%	BEGINNING IRRIGATION YEAR STORAGE	%	BEGINNING IRRIGATION SEASON STORAGE	%
ECHO CANYON RESERVOIR	ECHO CREEK	2149	100	2149	100	2149	100	2149	100
HARRIS BROS. & BOONE #2	RIO BLANCO	71	34	206	100	114	55	141	68
TOTALS		2220		2355		2263		2290	
CASCADE RESERVOIR	CASCADE CREEK	21477	92	22304	95	18969	89	15756	67
DURANGO REGULATORY	FLORIDA RIVER	227	98	227	98	227	98	227	98
JOHNSON RESERVOIR	LIGHTNER/LA PLATA	837	74	1023	90	889	67	915	81
LEMON RESERVOIR	FLORIDA RIVER	22323	56	39662	99	24270	26	32086	80
TOTALS		44864		63216		44355		48984	
VALLECITO RESERVOIR	PINE RIVER	77420	60	122657	95	61810	33	125799	97
WOMMER RESERVOIR	BEAR CREEK	208	100	208	100	208	100	208	100
TOTALS		77628		122865		62018		126007	
A.M. PUETT RESERVOIR	DOLORES RIVER	658	27	2022	84	586	26	1556	65
NARRAGUINNEP RESERVOIR	DOLORES RIVER	14575	77	18960	100	14575	52	18960	100
TOTTEN RESERVOIR	DOLORES RIVER	2832	86	3302	100	2384	86	3302	100
TOTALS		18065		24284		17545		23818	

DIVISION 7

DISTRICT	RESERVOIR NAME	SOURCE STREAM	IRRIGATION YEAR 1991			IRRIGATION YEAR 1990					
			BEGINNING IRRIGATION YEAR STORAGE	BEGINNING IRRIGATION SEASON STORAGE %	END OF IRRIGATION YEAR STORAGE	BEGINNING IRRIGATION YEAR STORAGE	BEGINNING IRRIGATION SEASON STORAGE %				
	RED MESA WARD RESERVOIR	LA PLATA RIVER	316	27	1176	100	86	76	6	569	48
	TOTALS		316		1176		86	76		569	
	BAUER RESERVOIR # 1	CRYSTAL CREEK	90	26	350	100	107	0	0	115	33
	BAUER RESERVOIR # 2	CRYSTAL CREEK	324	21	1533	100	966	324	21	966	63
	JACKSON GULCH RESERVOIR	MANCOS RIVER	3912	39	9948	100	5243	2756	28	8409	84
	SELLARS & McCLANE RESV.	MUD CREEK	2	4	52	100	17	24	46	24	46
	WEBER RESERVOIR	MIDDLE MANCOS R	158	36	442	100	145	66	15	442	100
	TOTALS		4486		12325		6478	3170		9956	
	BELMAR LAKE RESERVOIR	RINCONE CREEK	274	59	326	70	311	0	0	326	70
	MORRISON RESERVOIR	MORRISON CREEK	116	100	116	100	116	100	86	116	100
	TOTALS		390		442		427	100		442	
	BIG PINE RESERVOIR	LOST CANYON CREEK	84	18	259	56	96	36	8	209	45
	GROUNDHOG RESERVOIR	GROUNDHOG CREEK	12404	57	20895	96	17110	13740	63	21358	98
	SUMMIT RESERVOIR	LOST CANYON CREEK	1730	29	5012	84	1023	714	12	4795	81
	MCPHEE RESERVOIR	DOLORES RIVER	240299	63	365093	96	294853	324755	85	381206	100
	TOTALS		254517		391259		313082	339245		407568	

DIVISION 7

TRICT	RESERVOIR NAME	SOURCE STREAM	IRRIGATION YEAR 1991				IRRIGATION YEAR 1990				
			BEGINNING IRRIGATION YEAR STORAGE	%	BEGINNING IRRIGATION SEASON STORAGE	%	BEGINNING IRRIGATION YEAR STORAGE	%	BEGINNING IRRIGATION SEASON STORAGE	%	
7	SAPPINGTON RESERVOIR	COYOTE CREEK	256	77	320	96	252	254	77	330	99
7	SPENCE RESERVOIR	COYOTE CREEK	310	70	350	79	350	322	73	370	84
	TOTALS		566		670		602	576		700	
8	G. S. HATCHER RESERVOIR	STOLLSTEIMER CR.	1497	86	1735	100	1459	1285	74	1735	100
8	LAKE FOREST RESERVOIR	STOLLSTEIMER CR.	375	81	465	100	364	347	75	465	100
8	LINN & CLARK RESERVOIR	DUTTON CREEK	1202	94	1230	96	981	924	72	1230	96
8	PARGIN RESERVOIR	STOLLSTEIMER CR.	516	96	540	100	516	500	93	540	100
8	STEVENS RESERVOIR	DUTTON CREEK	635	100	635	100	514	635	100	635	100
8	TOWN CENTER RESERVOIR	STOLLSTEIMER CR.	430	61	567	81	355	437	62	600	86
8	WILLIAMS CR. RESERVOIR	WILLIAMS CREEK	10084	100	10084	100	10084	10084	100	10084	100
	TOTALS		14739		15256		14273	14212		15289	

DIVISION 7

1991 IRRIGATION YEAR WATER DIVERSION SUMMARIES BY DISTRICT

TOTAL STRUCTURES REPORTING

DISTRICT	ACTIVE		INACTIVE		ESTIMATED NUMBER OF VISITATIONS	TOTAL DIVERSIONS (ACRE-FEET)	TOTAL DIVERSIONS TO STORAGE (ACRE-FEET)	TOTAL DIVERSIONS TO IRRIGATION (ACRE-FEET)	TOTAL ACRES IRRIGATED	AVERAGE ACRE-FEET PER ACRE
	WA	NWA	NU	NR						
9	240	1	89	12	4,047	99,623	195	43,995	10,437	4.22
0	838	22	313	3	8,450	241,893	35,028	170,573	32,605	5.23
1	357	10	79	0	6,959	476,949	64,591	237,427	54,760	4.34
2	247	9	67	0	4,334	51,613	5,341	222,813 ^{1/}	59,953	3.72
3	107	10	27	9	4,787	28,067	1,275	23,168	9,800	2.36
4	93	1	18	3	1,574	45,544	9,782	38,047 ^{2/}	10,449	3.64
5	40	0	6	0	859	6,639	0	5,291	1,068	4.95
9	28	1	11	2	129	4,470	57	4,436	1,675	2.65
1	123	1	62	2	3,454	286,008	147,929	11,832	1,614	7.33
7	98	0	30	0	2,200	80,164	106	14,647	2,625	5.58
3	125	7	45	3	1,981	27,537	1,171	22,415	5,876	3.81
AL	2,296	62	747	34	38,774	1,348,507	265,475	794,644	190,862	4.16

Total deliveries from Dolores River Basin, Dist. 71, 175,044 A.F., of which 162,678 were for irrigation

Total deliveries from Dolores River Basin, Dist. 71, 837 A.F., of which 787 were for irrigation

DIVISION 7

1991 WATER YEAR DIVERSION SUMMARIES BY DISTRICT IN ACRE-FEET

DISTRICT	TRANS-MOUNTAIN OUTFLOW	TRANS-BASIN OUTFLOW	STOCK	MUNICIPAL	DOMESTIC	INDUSTRIAL	RECREATION	FISH	COMMERCIAL	OTHER	INTER-STATE/COMPACT
1	9	754	1,952	521	91	0	0	2,325	702	0	49,164 ^{1/}
2	650	0	17,784	4,941	187	35,381	290	12,586	485	221	7,469
3	960	0	151	1,024	77	241,368	42	1,222	58	2,551	0
4	0	0	4,284	3,878 ^{2/}	8	0	0	0	5	0	0
5	0	563	3,957	0	23	0	1	0	6	1	1,492 ^{3/}
6	0	0	3,744	921	8	0	83	0	8	0	0
7	0	0	11	0	0	0	0	0	0	0	1,337 ^{4/}
8	0	0	28	0	0	0	0	0	0	0	0
9	0	178,266 ^{5/}	1,044	34	50	2,312	22	5,213	7	9	0
10	0	0	920	0	13	1	0	3,859	2	0	61,011 ^{1/}
11	708	0	3,222	656	32	0	0	972	6	0	0
TOTAL	2,327	179,583	37,097	11,975	489	279,062	438	26,177	1,279	2,782	120,473

Diverted through San Juan-Chama Project to New Mexico

Delivered from transbasin - District 71

Total diverted by Enterprise and Pioneer Ditches only to New Mexico

Water delivered to New Mexico as provided in Pine River Irrigation Project

Diverted to Districts 34 and 32

DIVISION 7

1991

LA PLATA RIVER COMPACT MONTHLY ADMINISTRATIVE SUMMARY IN ACRE FEET

NTH	HESPERUS STATION	LA PLATA & CHERRY CR. DITCH		PINE RIDGE DITCH		HESPERUS TOTAL	STATE LINE STATION	ENTERPRISE DITCH (NEW MEXICO)		PIONEER DITCH	DELIVERED STATE LINE TOTAL (1/2 HESPERUS)		REQUIRED TOTAL (1/2 HESPERUS)
		CR. DITCH	DITCH	RIDGE DITCH	DITCH			DITCH (NEW MEXICO)	DITCH		STATE LINE TOTAL	REQUIRED TOTAL	
EMBER	512	0	0	0	0	512	218	0	0	0	218	---	
UARY	426	0	0	0	0	426	247	0	0	0	247	---	
RUARY	427	0	0	0	0	427	787	0	0	0	787	---	
CH	718	0	0	0	0	718	1050	0	0	0	1050	---	
IL	4632	0	285	0	0	4917	2840	37	54	0	2931	177	
E	8555	596	451	0	0	9602	3913	149	210	0	4272	4490	
Y	3836	1813	164	0	0	5813	2632	148	258	0	3038	2999	
UST	1932	155	0	0	0	2087	743	137	133	0	1013	1077	
TEMBER	948	84	0	0	0	1032	119	4	17	0	140	520	
OBER	3131	145	131	0	0	3407	1638	92	71	0	1801	1671	
EMBER	579	0	54	0	0	633	305	13	3	0	321	327	
ALS *	472	0	0	0	0	472	514	1	1	0	516	234	
	19668	2793	812	28681	551	9952	702	11205	11495				

ES: NEW MEXICO REQUESTED REQUIRED AMOUNT UP TO 90 CFS, APRIL 27, 1991

BEGINNING JULY 29, COLORADO DIVERTED ALL STREAM FLOWS AT HESPERUS LEAVING LOWER LA PLATA FLOWS FOR NEW MEXICO

DUE TO HEAVY RAINS SEPT 6 TO 12, COLORADO RETURNED TO NORMAL RIVER DIVERSIONS

* ALL TOTALS ARE FOR PERIOD OF COMPACT CALL

DIVISION 7

1991

UPPER BASIN COMPACT
SAN JUAN-CHAMA DIVERSIONS

WATER YEAR	RIO BLANCO DIVERSION	LITTLE OSO DIVERSION	OSO DIVERSION	TOTAL COLO. DIVERSION	AZOTEA TUNNEL USGS BOOKS	TEN-YEAR TOTALS (USGS)
1971	25190	1340	24980	51510	59980	
1972	28290	1120	24310	53720	58070	
1973	70900	9720	79810	160430	153300	
1974	25290	1070	18700	45060	47230	
1975	58780	8120	69200	136100	145100	
1976	41000	2420	36950	80370	85230	
1977	13450	37	3930	17417	19390	
1978	44010	2820	50310	97140	104200	
1979	60150	8980	87730	156860	164200	
1980	57760	6970	72460	137190	143600	
1981	25690	1640	22260	49590	53960	980300
1982	48340	6860	63810	119010	127100	974280
1983	46960	8110	69680	124750	134300	1043310
1984	45180	6070	55220	106470	113600	1024310
1985	32700	9630	44630	86960	91800	1090680
1986	35520	4720	43620	83860	89180	1037380
1987	32120	4380	42360	78860	83050	1041330
1988	29200	972	29780	59952	63530	1104990
1989	20400	672	26630	47702	48570	1064320
1990	37630	1480	32510	71620	71700	948690
1991	49160	3930	57080	110170		876790
AVG.	39,415	4,336	45,522	89,273	92,855	1,016,944

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

WATER DIVISION NO. 7

PLANS FOR AUGMENTATION

Water Court Case #	Name	Water Dist.	Stream	Amount of Water to be Released (AF or CFS)	Time of Release	Brief Statement of Plan
	<p>NO AUGMENTATION PLANS WERE DECREED FOR THE YEAR 1991</p>					

WATER DIVISION NO. 7

ACTIVITY SUMMARY FY 1991

<u>ACTIVITY</u>	<u>TOTALS</u>
NUMBER OF PROFESSIONAL AND TECHNICAL STAFF	4
NUMBER OF CLERICAL STAFF	1
NUMBER OF WATER COMMISSIONER FTE ASSIGNED	13
NUMBER OF DECREED SURFACE RIGHTS	163
NUMBER OF SURFACE RIGHTS ADMINISTERED/OBSERVATIONS	27, 506
NUMBER OF WELLS	1, 101
NUMBER OF PLANS FOR AUGMENTATION	5
NUMBER OF CONSULTATIONS WITH REFEREE	137
NUMBER OF WATER COURT APPEARANCES	5
NUMBER OF MEETINGS WITH WATER USERS	109
NUMBER OF MEETINGS TO RESOLVE WATER RELATED DISPUTES	46
NUMBER OF CONTACTS TO GIVE PUBLIC ASSISTANCE ON WATER MATTERS	16, 165

WATER COURT ACTIVITIES

CALENDAR YEAR 1991

NUMBER OF APPLICATIONS FOR DECREES	65
NUMBER OF CONSULTATIONS WITH REFEREE	134
NUMBER OF DECREES ISSUED BY WATER COURT	147

TYPE OF DECREE:

SURFACE WATER	109
GROUND WATER	33
RESERVOIRS	13
TRANSFER	1
ALTERNATE POINT	10
CHANGE IN USE	1
PLANS FOR AUGMENTATION	6
IN-STREAM FLOW	18
OTHER	36

NUMBER OF STRUCTURES IN DECREES:

TYPES OF STRUCTURES:

DITCHES	50
RESERVOIRS	13
WELLS	33
OTHER (SPRINGS, PIPELINES, PUMPS, ETC.)	55

TOTAL STRUCTURES 151

OFFICE ADMINISTRATION FYR 1991

<u>NAME</u>	<u>POSITION</u>	<u>FISCAL YEAR</u>		<u>FISCAL YEAR</u>
		<u>MONIHS BUDGETED/</u>	<u>WORKED</u>	
DARIES C. LILE	DIVISION ENGINEER	12	12	3,749 P
KENNETH A. BEEGLES	ASS' T. DIVISION ENGINEER	12	12	1,025 P
SCOTT D. BRINTON	HYDROGRAPHER, W. R. E.	12	12	9,530 S*
FRANK J. KUGEL	DAM SAFETY INSPECTOR, SR. PROFESSIONAL ENGINEER	12	12	0 P 14,738 S 700 P 12,192 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	9,557 P
RICHARD G. BALTZELL	W. C. C	30-Florida	12	12	9,420 P
GLEN E. HUMISTON	SR. W. C.	32, 34, 69, 71	12	12	0 P 15,481 S
J. RUSSELL KENNEDY	SR. W. C.	33	12	12	1,772 P 9,278 S
DAVID A. NELSON	W. C. C	30-Animas	12	12	10,968 P
HAL M. PIERCE	W. C. C	31, 46	12	12	13,279 P
JOHN E. VALENTINE	W. C. B	29, 77, 78	12	12	10,750 P

PERMANENT PART TIME EMPLOYEES IN FIELD

HAROLD L. BAXSTROM	W. C. B	29, 78	5.0	5.0	8,413 P
ROBERT R. BECKER	W. C. B	69, 71	8.0	8.0	6,242 P
ROBERT E. DANIELS	W. C. A	31, 46	5.0	5.0	7,168 P
MATTHEW A. SCHMITT	W. C. A	33	4.0	4.0	3,254 P
SHERRY L. SCHUTZ	W. C. B	77	7.0	7.0	10,062 P
JOHN J. TAYLOR	W. C. B	78	5.0	5.0	5,770 P
		TOTALS	34.0	34.0	61,219 S
		TOTAL FTE	14.8	14.8	106,182 P

TOTAL MILES DRIVEN

167,401

*Vehicle used by D. E. and A. D. E.

**DIVISION 7
BUDGET PROJECTIONS**

MONTH	FY89-90 TOTAL	PROJECTED FY90-91	EST CUMULATIVE EXPENDITURES	ACTUAL \$ FY90-91	ACTUAL CUMULATED \$

	Figures in dollars				
JULY	5,000	5,200	5,200	4,271	4,271
AUGUST	5,325	5,200	10,400	4,885	9,156
SEPTEMBER	3,824	3,500	13,900	4,903	14,059
OCTOBER	3,386	3,000	16,900	4,553	18,612
NOVEMBER	1,957	2,200	19,100	2,098	20,710
DECEMBER	1,985	2,200	21,300	2,445	23,155
JANUARY	1,140	2,200	23,500	1,921	25,076
FEBRUARY	1,829	2,000	25,500	2,437	27,513
MARCH	1,955	3,000	28,500	1,670	29,183
APRIL	2,921	4,000	32,500	3,073	32,256
MAY	4,563	5,200	37,700	5,110	37,366
JUNE	8,175	5,500	43,200	5,841	43,207

TOTAL	\$42,060		\$43,216	\$43,207	100.0%
REMAINING AMOUNT				\$9	

DIVISION 7

1991 RIVER CALLS

<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>DURATION</u>
FOUR MILE CREEK	Four Mile Ditch	17	08/27/91	Mesa Ditch	#3	09/13/91	16 days
LITTLE BLANCO R.	Mees Ditch	#7	07/06/91	Echo Ditch	#12	09/11/91	67 days
FLORIDA RIVER	Florida Farmers D.	F-68	06/24/91	Florida Canal	23	09/06/91	73 days
BEAR CREEK DITCH ^{2/}	James Anesi		07/01/91				
PINE RIVER	Spring Creek D. et al	P-26	06/25/91 ^{1/}	Indian Ditches (09/01/91)	P-1	09/18/91	85 days
Mc ELMO CREEK	Rock Creek	#1	04/25/91	Wilson Ditch	#5	05/05/91	10 days
LA PLATA RIVER	New Mexico		04/22/91	Hay Gulch Ditch	#5	10/31/91	6 mos. 8 days
LOWER LA PLATA R.	New Mexico		10/08/91	Sooner Valley D.	#41	10/31/91	23 days
MANCOS RIVER	Henry Bolen D.	M-40	06/22/91	Davenport Ditch	M-9	09/06/91	2 mos. 14 days

Vallecito Reservoir offered to make up shortages in ditches on 09/19/91

Call for release from Hutchison Reservoir made - release failed to draw out significant amount of water

Appendix

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 29--1991

	1991
DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	43,995
STORAGE	195
STOCKWATER	1,952
MUNICIPAL	521
DOMESTIC	89
INDUSTRIAL	0
RECREATION	0
FISH	2,325
OTHER: COMMERCIAL	702
TRANSMOUNTAIN-TRANSBASIN	680
INTERSTATE	49,164
TOTAL DIVERSIONS.....	99,623
 DELIVERIES FROM STORAGE	
IRRIGATION	0
DOMESTIC	2
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	83
OTHER: FISH	0
TOTAL DIVERSIONS.....	85
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
 DUTY OF WATER:	
TOTAL TO IRRIGATION	43,995
ACRES IRRIGATED	10,437
ACRE-FEET DIVERTED PER ACRE	4.22
 NUMBER OF STRUCTURES OBSERVED	315
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	179
-INFREQUENT STRUCTURES	61
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	1
-NOT USED (A,C,D, CODES)	89
-NO INFORMATION AVAILABLE (F CODE)	12
 NUMBER OF DITCHES, SURFACE RIGHTS	268
NUMBER OF RESERVOIRS	56
NUMBER OF WELLS	68
NUMBER OF OBSERVATIONS	4,048

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 30--1991

	1991 ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	150,443
STORAGE	35,028
STOCKWATER	17,784
MUNICIPAL	4,941
DOMESTIC	186
INDUSTRIAL	11,977
RECREATION	290
FISH	12,586
OTHER: COMMERCIAL, RECHARGE, EVAP etc.	539
TRANSMOUNTAIN-TRANSBASIN	650
INTERSTATE	7,469
TOTAL DIVERSIONS.....	241,893
 DELIVERIES FROM STORAGE	
IRRIGATION	20,025
DOMESTIC	1
MUNICIPAL	0
STOCK	0
INDUSTRIAL	23,404
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: FISH, COMMERCIAL, etc.	112
SNOWMAKING	56
TOTAL DIVERSIONS.....	43,598
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	105
STORAGE	76
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	181
 DUTY OF WATER:	
TOTAL TO IRRIGATION	170,573
ACRES IRRIGATED	32,605
ACRE-FEET DIVERTED PER ACRE	5.23
 NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1,090
ACTIVE DIVERSIONS-DAILY	0
-INFREQUENT STRUCTURES*	276
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	562
-NOT USED (A,C,D, CODES)	22
-NO INFORMATION AVAILABLE (F CODE)	313
	3
NUMBER OF DITCHES	654
NUMBER OF RESERVOIRS	98
NUMBER OF WELLS	370
NUMBER OF OBSERVATIONS	8,450
*Infrequents include approx. 98 non-used structures	

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 31--1991

	1991
DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	167,753
STORAGE	64,591
STOCKWATER	151
MUNICIPAL	777
DOMESTIC	27
INDUSTRIAL	241,368
RECREATION	42
FISH	1,222
OTHER: COMMERCIAL	58
TRANSMOUNTAIN-TRANSBASIN	960
TOTAL DIVERSIONS.....	476,949
 DELIVERIES FROM STORAGE	
IRRIGATION	69,674
DOMESTIC	50
MUNICIPAL	247
STOCK	0
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: EVAPORATION	2,551
TOTAL DIVERSIONS.....	72,522
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
 DUTY OF WATER:	
TOTAL TO IRRIGATION	237,427
ACRES IRRIGATED	54,760
ACRE-FEET DIVERTED PER ACRE	4.34
 NUMBER OF STRUCTURES OBSERVED	357
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	123
-INFREQUENT STRUCTURES	234
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	10
-NOT USED (A,C,D, CODES)	79
-NO INFORMATION AVAILABLE (F CODE)	0
 NUMBER OF DITCHES, OTHER SURFACE RIGHTS	296
NUMBER OF RESERVOIRS	28
NUMBER OF WELLS	137
NUMBER OF OBSERVATIONS	6,959

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 32--1991

	1991 ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	51,357
STORAGE	0
STOCKWATER	243
MUNICIPAL	0
DOMESTIC	8
INDUSTRIAL	0
RECREATION	0
FISH	0
OTHER: COMMERCIAL	5
TRANSMOUNTAIN-TRANSBASIN	0
TOTAL DIVERSIONS.....	51,613
 DELIVERIES FROM STORAGE	
IRRIGATION	8,778
DOMESTIC	0
MUNICIPAL	0
STOCK	894
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: FISH	0
TOTAL DIVERSIONS.....	9,672
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	162,678
STORAGE	5,341
MUNICIPAL	3,878
STOCK	3,147
TOTAL FROM TRANSBASIN.....	175,044
 DUTY OF WATER:	
TOTAL TO IRRIGATION	222,813
ACRES IRRIGATED	59,953
ACRE-FEET DIVERTED PER ACRE	3.72
 NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	175
-INFREQUENT STRUCTURES	72
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	9
-NOT USED (A,C,D, CODES)	67
-NO INFORMATION AVAILABLE (F CODE)	0
 NUMBER OF DITCHES, SURFACE RIGHTS	
NUMBER OF RESERVOIRS	15
NUMBER OF WELLS	20
NUMBER OF OBSERVATIONS	4,334

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 33--1991

	1991 ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	22,247
STORAGE	1,275
STOCKWATER	3,953
MUNICIPAL	0
DOMESTIC	23
INDUSTRIAL	0
RECREATION	0
FISH	0
OTHER: COMMERCIAL	6
TRANSMOUNTAIN-TRANSBASIN	563
INTERSTATE	1,492
TOTAL DIVERSIONS.....	28,067
 DELIVERIES FROM STORAGE	
IRRIGATION	921
DOMESTIC	0
MUNICIPAL	0
STOCK	4
INDUSTRIAL	0
RECREATION	1
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:	1
TOTAL DIVERSIONS.....	927
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
 DUTY OF WATER:	
TOTAL TO IRRIGATION	23,168
ACRES IRRIGATED	9,800
ACRE-FEET DIVERTED PER ACRE	2.36
 NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	49
-INFREQUENT STRUCTURES	58
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	10
-NOT USED (A,C,D, CODES)	27
-NO INFORMATION AVAILABLE (F CODE)	9
 NUMBER OF DITCHES, SURFACE RIGHTS	
NUMBER OF RESERVOIRS	10
NUMBER OF WELLS	30
NUMBER OF OBSERVATIONS	4,787

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 46--1991

	1991 ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	5,291
STORAGE	0
STOCKWATER	11
MUNICIPAL	0
DOMESTIC	0
INDUSTRIAL	0
RECREATION	0
FISH	0
OTHER: COMMERCIAL	0
INTERSTATE	1,337
TOTAL DIVERSIONS.....	6,639
 DELIVERIES FROM STORAGE	
IRRIGATION	0
DOMESTIC	0
MUNICIPAL	0
STOCK	0
OTHER: FISH	
TOTAL DIVERSIONS.....	0
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
 DUTY OF WATER:	
TOTAL TO IRRIGATION	5,291
ACRES IRRIGATED	1,068
ACRE-FEET DIVERTED PER ACRE	4.95
 NUMBER OF STRUCTURES OBSERVED	40
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	37
-INFREQUENT STRUCTURES	3
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	0
-NOT USED (A,C,D, CODES)	6
-NO INFORMATION AVAILABLE (F CODE)	0
 NUMBER OF DITCHES, SURFACE RIGHTS	40
NUMBER OF RESERVOIRS	2
NUMBER OF WELLS	2
NUMBER OF OBSERVATIONS	859

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 34--1991

	1991 ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	31,289
STORAGE	9,732
STOCKWATER	3,739
MUNICIPAL	772
DOMESTIC	8
RECREATION	0
FISH	0
OTHER: COMMERCIAL	4
TOTAL DIVERSIONS.....	45,544
 DELIVERIES FROM STORAGE	
IRRIGATION	5,971
DOMESTIC	0
MUNICIPAL	149
STOCK	5
INDUSTRIAL	0
RECREATION	83
OTHER: COMMERCIAL	4
TOTAL DIVERSIONS.....	6,212
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	787
STORAGE	50
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	837
 DUTY OF WATER:	
TOTAL TO IRRIGATION	38,047
ACRES IRRIGATED	10,449
ACRE-FEET DIVERTED PER ACRE	3.64
 NUMBER OF STRUCTURES OBSERVED	93
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	2
ACTIVE DIVERSIONS-DAILY	62
-INFREQUENT STRUCTURES	31
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	1
-NOT USED (A,C,D, CODES)	18
-NO INFORMATION AVAILABLE (F CODE)	1
 NUMBER OF DITCHES, SURFACE RIGHTS	102
NUMBER OF RESERVOIRS	11
NUMBER OF WELLS	8
NUMBER OF OBSERVATIONS	1,574

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 69--1991

	1991 ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	4,392
STORAGE	57
STOCKWATER	21
MUNICIPAL	0
DOMESTIC	0
INDUSTRIAL	0
RECREATION	0
FISH	0
OTHER: COMMERCIAL	0
TOTAL DIVERSIONS.....	4,470
DELIVERIES FROM STORAGE	
IRRIGATION	44
DOMESTIC	0
MUNICIPAL	0
STOCK	7
OTHER: FISH	0
TOTAL DIVERSIONS.....	51
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	4,436
ACRES IRRIGATED	1,675
ACRE-FEET DIVERTED PER ACRE	2.65
NUMBER OF STRUCTURES OBSERVED	40
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	17
-INFREQUENT STRUCTURES	11
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	1
-NOT USED (A,C,D, CODES)	11
-NO INFORMATION AVAILABLE (F CODE)	2
NUMBER OF DITCHES, SURFACE RIGHTS	37
NUMBER OF RESERVOIRS	8
NUMBER OF WELLS	1
NUMBER OF OBSERVATIONS	129

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 71--1991

	1991
DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	11,712
STORAGE	147,929
STOCKWATER	1,042
MUNICIPAL	34
DOMESTIC	43
INDUSTRIAL	2,312
RECREATION	22
FISH	5,213
OTHER: COMMERCIAL	7
TRANSMOUNTAIN-TRANSBASIN	117,694
TOTAL DIVERSIONS.....	286,008
 DELIVERIES FROM STORAGE	
IRRIGATION	120
DOMESTIC	7
MUNICIPAL	0
STOCK	2
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	60,572
OTHER: AUGMENTATION	9
TOTAL DIVERSIONS.....	60,710
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	0
 DUTY OF WATER:	
TOTAL TO IRRIGATION	11,832
ACRES IRRIGATED	1,614
ACRE-FEET DIVERTED PER ACRE	7.33
 NUMBER OF STRUCTURES OBSERVED	123
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	51
-INFREQUENT STRUCTURES	72
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	1
-NOT USED (A,C,D, CODES)	62
-NO INFORMATION AVAILABLE (F CODE)	2
 NUMBER OF DITCHES, SURFACE RIGHTS	139
NUMBER OF RESERVOIRS	16
NUMBER OF WELLS	44
NUMBER OF OBSERVATIONS	3,454

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 77--1991

	1991 ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	14,252
STORAGE	106
STOCKWATER	920
MUNICIPAL	0
DOMESTIC	13
INDUSTRIAL	1
RECREATION	0
FISH	3,859
OTHER: COMMERCIAL	2
INTERSTATE	61,011
TOTAL DIVERSIONS.....	80,164
 DELIVERIES FROM STORAGE	
IRRIGATION	69
DOMESTIC	0
STOCK	0
INDUSTRIAL	0
RECREATION	0
OTHER: FISH	0
TOTAL DIVERSIONS.....	69
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	326
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	326
 DUTY OF WATER:	
TOTAL TO IRRIGATION	14,647
ACRES IRRIGATED	2,625
ACRE-FEET DIVERTED PER ACRE	5.58
 NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	98
ACTIVE DIVERSIONS-DAILY	0
-INFREQUENT STRUCTURES	73
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	25
-NOT USED (A,C,D, CODES)	0
-NO INFORMATION AVAILABLE (F CODE)	30
	0
NUMBER OF DITCHES, SURFACE RIGHTS	88
NUMBER OF RESERVOIRS	17
NUMBER OF WELLS	13
NUMBER OF OBSERVATIONS	2,200

WATER COMMISSIONER DISTRICT SUMMARY
DISTRICT 78--1991

	1991 ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	21,681
STORAGE	916
STOCKWATER	3,222
MUNICIPAL	0
DOMESTIC	32
INDUSTRIAL	0
RECREATION	0
FISH	972
OTHER: COMMERCIAL	6
TRANSMOUNTAIN-TRANSBASIN	708
TOTAL DIVERSIONS.....	27,537
 DELIVERIES FROM STORAGE	
IRRIGATION	342
DOMESTIC	0
MUNICIPAL	656
STOCK	0
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: STORAGE	270
TOTAL DIVERSIONS.....	1,268
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	392
STORAGE	39
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	431
 DUTY OF WATER:	
TOTAL TO IRRIGATION	22,415
ACRES IRRIGATED	5,876
ACRE-FEET DIVERTED PER ACRE	3.81
 NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY	89
-INFREQUENT STRUCTURES	36
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	7
-NOT USED (A,C,D, CODES)	45
-NO INFORMATION AVAILABLE (F CODE)	2
 NUMBER OF DITCHES, SURFACE RIGHTS	
NUMBER OF RESERVOIRS	30
NUMBER OF WELLS	18
NUMBER OF OBSERVATIONS	1,981