ANNUAL REPORT

DIVISION 6

WESLEY E. SIGNS
DIVISION ENGINEER

1981

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DIVISION OF WATER RESOURCES DIVISION NO. 6

1981 ANNUAL REPORT

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I. INTRODUCTION

Division 6 is located in the northwestern corner of the state and includes the Yampa, White, and North Platte River Drainages. Elevations range from 5000 feet within the canyons along the western boundary of the state to more than 12,000 feet along the Continental Divide. Climatic conditions vary widely across the region due mainly to the variations in elevation. Precipitation ranges from less than nine inches in the desert areas to more than fifty inches along the Continental Divide.

The most productive crop bearing areas lie between the 6000 feet and 8000 feet range in elevation. The higher elevations and the western desert areas are primarily used for summer and winter grazing and for recreational purposes. The bulk of these lands are owned by the US Government and are managed by the Bureau of Land Management and the Forest Service.

The growing season in Division 6 varies from less than 30 days in the North Platte Drainage to around 90 days in the lower White and Yampa Drainage. This short growing season is most suitable for the production of irrigated native hay, alfalfa hay, and irrigated pasture which total about 250,000 acres within the Division. Irrigated acreage broken down by drainage basin is as follows: Yampa River - 100,000 acres, North Platte River - 120,000 acres, and the White River - 30,000 acres. Dry land farming is practiced in the mid-areas of the Yampa River and the White River Drainages, with small grains being the basic crops. Dry crop lands amount to around 131,000 acres in the Yampa River Drainage with approximately 17,000 acres in the White River Drainage. This ground is normally summer fallowed, which means that only a little over fifty percent is in crop in any given year.

Irrigated cropland occupies less than two percent of the land area in Division 6, but this cropland constitutes the economic heart of the farms and ranches in the area. Almost all the irrigated cropland is used for pasture or winter feed production for livestock. Although agriculture remains the dominant water user in the region, a shift in use is taking place as the energy industry expands and requires more water. The nation's greatest known potential oil resources, estimated at 600 billion barrels of equivalent oil in high-grade deposits, are in the oil shales of the Green River Formation which extends over much of northwestern Colorado. The oil shale deposits in the Piceance Creek Basin cover a small geographical area, but they include the richest deposits in the world. The amount of water that will be needed by the oil shale and coal industries in the future is difficult to predict without being able to predict realistic production rates, but it is known that large quantities of water will be required. Coal fired electrical generation plants, coal gasification plants, and slurry pipelines are also expected to require a great deal of water in the near future and will provide more competition with agriculture for a limited supply of water.

Although the population density of Division 6 remains relatively light, the booming energy, construction, and recreation industries have contributed to substantial population gains during the past decade with the population of Routt County nearly doubling from 1970 to 1980. The rapid increases in population have moderated somewhat during the past year due chiefly to a faltering national economy and associated lower demand for energy products. The Rio Blanco Oil Shale Company has reduced its work force by 74% at its oil shale retort plant in Rio Blanco County. Sharply higher construction costs have forced Rio Blanco to delay further construction until 1983. Slack demand has also produced problems for the coal industry during the past year. Several plants have had sporadic production throughout the year and are now operating at below capacity.

II. PERSONNEL

			FY 81		
Name	Position	District	Mon- Worked	ths Budgeted	FY 80-81 Mileage
Wesley E. Signs	Division Engineer		-	Time	2068
Robert McCabe	Asst. Div. Engineer		Full	Time	5522
W. Kent Holt	Hydrographer		Full	Time	5758
Roy D. Steffen	1042 Water Commissio	oner	Full	Time	
Karen McPherren	Secretary		Full	Time	
Joe E. Brown	Water Commissioner (2 43.	Full	Time	
*William Dunham	Water Commissioner B	3 43	3	3	4837
Don Rice	Water Commissioner E	3 44	Full	Time	580
Donald Gilroy	Water Commissioner B	3 54	6	6	4302
Jack Leonard	Water Commissioner I	3 55–56	9	5	4424
Truman Manes	Water Commissioner B	3 57 – 58	Full	Time	3787
Charles Gregory	Water Commissioner I	3 58	Full	Time	7417
Billy R. Milner	Water Commissioner I	3 58	7	8	4855
Eric Wagner	Water Commissioner (C 47	Full	Time	7711

^{*}Additional time above budget allotment was paid for with Piceance Basin Study funds.

III. WATER SUPPLY

A. Forecast

Runoff at key gaging stations was as follows:

Yampa River at Steamboat Springs 184,300 55 59 Yampa River at Maybell 554,170 50 64 Little Snake near Lily Park 248,270 60 59 S.Fk. of White River at Buford 120,500 65 30 N.Fk. of White River at Buford 160,460 72 35 White River near Meeker 281,230 63 76	Station	Acre Feet	%Average	No. of Yrs
White River above Rangely 325,280 71 8 White River near Colo State Line 337,200 67 57 N.Platte River near Northgate 114,400 36 65	Yampa River at Maybell Little Snake near Lily Park S.Fk. of White River at Buford N.Fk. of White River at Buford White River near Meeker White River above Rangely White River near Colo State Line	554,170 248,270 120,500 160,460 281,230 325,280 337,200	50 60 65 72 63 71 67	64 59 30 35 76 8

B. Precipitation

Precipitation for selected stations in Division 6:

	Steamboat Springs	Hayden	Walden
November December January February March April May June July August September October	.85 .80 .76 1.42 2.54 .63 5.42 1.61 2.24 .79 1.40 4.29	.33 .43 .53 .45 2.50 .69 3.97 1.65 2.24 1.12 1.33 3.76	.27 .16 .07 .42 .86 .34 2.20 1.71 1.54 .87 1.22
Totals	22.75	19.00	10.60

C. Flooding

Due to low snowpack, the flooding from spring funoff was minimal. The runoff was also orderly due to good weather conditions.

D. Groundwater

A total of 304 well permits were issued in Division 6 during 1981. The subdued rate of new permits was about equal to last year's 310, but far below the 1979 record of 470. The continued slow down is probably due to the negative impact of high interest rates on new house construction. Increased competition has kept the well drilling costs relatively stable over the past year, but

fewer and fewer people are able to afford the exorbitant costs of building a new home.

Proliferation of wells in some subdivisions and small municipalities has resulted in conflicts among well owners due to overdrafting of aquifers and contamination from septic tanks. Aquifer pollution forced the city of Phippsburg to develop a central well and distribution system instead of individual wells. Milner has also had problems with polluted wells and is moving toward a similar solution.

F. Transmountain Diversions

Structure	Acre Feet
Stillwater Ditch Sarvis Ditch	1,592 0
Rich Ditch Morgan Creek	2,774
Dome Creek	60
Michigan Ditch Cameron Pass Ditch	1,100 123
	5,649

Total water exported from Yampa R to Colorado R Drainage: 1652 Total water exported from N Platte R to S Platte Drainage:1223

	TOTAL CHANGE IN STORAGE		0	-97		-18 0 0 -48	30		, 0 -422 -486 -147 -209 -255 -1110 -1652 -621 -621 -1546	- 5875
•	AMT. IN STORAGE 10/31/81		6431 800 500	7731	·	282 13574 925 1000	15781		1012 0 55 239 239 1383 1250 1250 0 525 750 700	11514
-	RELEASE + EVAPORATION		750 600 506	1856		598 0 0 291	888		550 442 486 147 200 255 560 1110 2132 0 621 475 1650 100 518	11811
	FILL DURING SEASON		750 600 409	1759		580 0 339	916		550 0 0 0 0 1305 0 4,75 104 100 347	5486
•	AMT. IN STORAGE 11/1/80		6431 800 597	7828		300 13574 925 952	15751		0 1434 486 202 448 255 4855 2494 1652 1250 621 525 2296 871	17389
	SOURCE		Big Beaver Creek White River			Hullett Draw Elk Head Creek Fortification Creek			Beaver Creek Big Creek Buffalo Creek Roaring Fork Michigan River Arapaho Creek Lake Creek Illinois River N. Fk. Michigan Cr. Mexican Creek Ninegar Creek Illinois River T. Big Grizzly	
III. Water Supply	· ' · .	DISTRICT NO. 43	Big Beaver Creek Reservoir Johnny Johnson Reservoir Miscellaneous Reservoirs	TOTALS (All figures in Acre Feet)	DISTRICT NO. 44	D.D.EE Reservoir Elk Head Reservoir Ralph White Reservoir Miscellaneous Reservoirs	TOTALS (All figures in Acre Feet)	DISTRICT NO. 47	Aqua Fria Reservoir Big Creek Lake Buffalo Reservoir Butte (South and East) Res. Carlstrom (Upper Cowdrey) Res. Hecla Reservoir Lake John Laune Reservoir MacFarlane Reservoir North Michigan Reservoir Pole Mountain Reservoir Walden Reservoir Walden Reservoir Walden Reservoir	TOTALS (All figures in Acre Feet)

TOTAL CHANGE IN STORAGE		0		-100		-273	0 ()	- 29	12	- 687 - 100	,		-701 -10 258 -935 -935 -75 0 -70 -338 -1054
AMT. IN STORAGE 10/31/81		476		22		86	14th)	0	290	300	1103		109 1500 1500 600 75 75 200 230 230 569 7800 620
RELEASE + EVAPORATION		200		200		273	30	0 611 6	147 553	68	687 200	1879		1396 266 342 935 50 208 123 197 493 120 120
FILL DURING SEASON		200		100		0	30	0 1 1	14, 524	143	100	†††8		695 256 600 0 283 283 197 155 155 120
AMT. IN STORAGE 11/1/80		476		156				0 0	29 29	236	987 371	2138		810 20 1242 935 600 261 2770 200 568 1623 7800 620
SOURCE						Dry Creek	Basin & Buchanan Gulch	Dill Gulch	ioasi creek Temple Gulch	Sage Creek	Trout Creek			Middle Hunt Creek Little Oak Creek Fish Creek Gardner Creek Willow Creek Wheeler Creek Lester Creek Fish Creek Middle Hunt Creek Yampa River Yampa River
<pre>III. Water Supply</pre>	DISTRICT NO. 54	TOTALS (All figures in Acre Feet)	DISTRICT NO. 56	TOTALS (All figures in Acre Feet)	DISTRICT NO. 57	Emrich Reservoir	Basin Reservoir	Greasewood Flats Reservoir	John C. Temple Res. No. 1	Sage Creek Reservoir	Sheriff Reservoir Miscellaneous Reservoirs	TOTALS (All figures in Acre Feet)	DISTRICT NO. 58	Allen Basin Reservoir Chapman Reservoir Fish Creek Reservoir Gardner Park Reservoir Hahns Peak Reservoir Heart Lake Lake Creek Reservoir Lester Creek Reservoir Long Lake Simon Reservoir Stillwater Reservoir Lake Catamount Upper Stillwater Reservoir

TOTAL CHANGE IN STORAGE	1349 -212 -100		8
AMT. IN STORAGE 10/31/81	23385 0 372	ή6020	
RELEASE + EVAPORATION	859 318 600	20561	
FILL DURING SEASON	2208 106 500	12447	
AMT. IN STORAGE 11/1/80	22036 212 472	#3169	
SOURCE	Willow Creek Whipple Creek		
III. Water Supply Reservoir Storage NAME OF RESERVOIR	Upper Willow Creek Reservoir Whiteley Nelson Reservoir Miscellaneous Reservoirs	TOTALS (All figures in Acre Feet)	

IV. AGRICULTURE

1980 began in an ominous fashion for agricultural interests in Division 6 with a record low snowpack at almost all the snow courses. Snow course readings on April 1 showed a moisture content of 54% of normal at Buffalo Pass to 9% of normal at Rabbit Ears Pass. There was no measurable snowpack along five of the courses. April did little to improve the drought conditions and was the first April in thirty years with no measurable Conditions changed dramatically during the spring and snowfall. summer months with above normal precipitation in May and July. Steamboat Springs received 5.42 inches of moisture during May, the heaviest in thirty years of record. Summer rainstorms throughout the Division converted what could have been a disastrous situation into an excellent agricultural year. Record yields in hay and grain were evident through most of the Yampa and White River Drainages. Hay yields were about normal in the North Platte basin.

V. COMPACTS

Interstate compacts, decrees, and agreements governing Division 6 and actual deliveries are discussed in detail below.

A. Upper Colorado River Compact - Article XIII (a) of the Upper Colorado River Compact specifies that the state of Colorado will not cause the flow of the Yampa River at the Maybell gage to be depleted below an aggregate of 5,000,000 acre feet for any period of ten consecutive years beginning with the first day of October succeeding ratification of the Compact. Total flow past the Maybell gage during the 1981 water year was 554,170 AF making the aggregate for the last ten consecutive years 10,513,000 AF. The 1981 flow was 64 percent of normal based on a 63 year period of record.

Article XI of the Upper Colorado River Compact opportions the consumptive use of water of the Little Snake River and its tributaries between the states of Colorado and Wyoming. Article XI was not administered during the 1981 water year due to sufficient water supplies. Total flow past the Little Snake River gage near Lily Park was 248,270 AF.

- B. Decree Exerpted from Nebraska VS. Wyoming (325 V.S. 589(1945) The Nebraska VS. Wyoming Decree enjoins the state of Colorado from:
 - 1. Diverting or permitting the diversion of water from the North Platte River and its tributaries for the irrigation of more than a total of 145,000 acres of land in Jackson County, Colorado during any one irrigation year;
 - 2. Storing or permitting the storage of more than a total amount of 17,000 AF of water for irrigation purposes from the North Platte River and its tributaries in Jackson County, Colorado between October 1 of any year and September 30 of the following year;
 - 3. Exporting out of the basin of the North Platte River and its tributaries in Jackson County, Colorado to any other stream basin or basins more than 60,000 AF of water in any period of ten consecutive years reckoned in continuing progressive series beginning with October 1, 1945.

All requirements set forth in the Decree were satisfied during the 1981 water year. Total irrigated acreage in Jackson County was 111,002 acres, down 3292 acres from the 1980 total of 114,294 acres. Total storage from the North Platte Basin in Jackson County was 5486 AF in 1981 and exports from the North Platte Basin totaled 1223 AF. Total aggregate exports during the last ten consecutive years is well within the allowable.

C. Pot Creek Agreement - Water in the Pot Creek Drainage Basin is apportioned between Utah and Colorado based on an interstate priority system agreement. Utah satisfied its commitments during 1980 under the agreement delivering 3360 AF at the state line. This was nearly 10 times the amount delivered last year. Most of the Pot Creek water rights in Utah are now owned by the Utah Division of Wildlife and are used for wildlife conservation rather than agriculture. This change of use has had a beneficial effect for Colorado by reducing Utah's consumptive use.

VI. DAMS

Two new reservoirs in Division 6 made their first deliveries of water during the 1981 irrigation year. The 1800 foot long and 110 foot high Yamcola Dam was completed in September of 1980 and was able to store almost 5600 AF for irrigation during 1981. A monitoring program was conducted by the owners during the initial filling and no problems were encountered. Of the total 8000 AF active capacity of Yamcola, 4000 AF has been committed to Colorado Ute Electric for its power plants in Hayden and Craig. 1000 AF is allocated for municipal use with the remaining 3000 AF going to irrigators in the Yampa and Toponas area. The reservoir is sponsored by the Upper Yampa Water Conservancy District.

Meadow Creek Reservoir located about 13 miles southeast of Walden was also able to store water for the first time this year. The project was built by the Michigan River Conservancy District through a loan from the Colorado Water Conservation Board and was able to store 2125 AF this year for irrigation purposes. During the initial fill monitoring program, it was discovered that infiltration of water through the dam at its south abutment had created a seep of 2 or 3 cfs near the outlet pipe and also caused the control structure to fill with water. An unsuccessful attempt was made to halt the leak by installing a bentonite curtain along the upstream face of the dam. The owners are using dye in an attempt to pinpoint the source of the leak which will probably be sealed using pressure grouting techniques.

Two other water development projects are currently being actively pursued in Division 6. The Colorado Water Conservation Board has approved funding for a feasibility study for Hyannis Reservoir. The reservoir is to be located on Middle Fork of Arapahoe Creek in North Park and will store 2122.7 AF for irrigation purposes. The Colorado River Water Conservation District has still not received its permit from the Federal Energy Regulatory Commission to construct the Juniper-Cross Mountain Project although the application was filed in 1980. The project will be located on the Yampa River in Moffat County between the city of Craig and Dinosaur National Monument. The project will require over 27,000 acres of federal, state, and private lands and will inundate approximately 75 miles of river and 22,000 acres of land. Two proposed dams and reservoirs are planned with a combined generating capacity of 148 MW at an estimated cost of \$170 million.

The Division of Water Resources dam section made the following dam inspections in Division 6 during 1981:

Regular Inspections: High Hazard - 5

Moderate Hazard - 1

Low Hazard - 2

Construction Inspections: High Hazard - 2

Moderate Hazard - 7

Low Hazard - 15

Phase I Inspections: 1

VII. WATER RIGHTS

The number of water rights cases processed through the Division 6 Court increased in 1981 in every category except mininimum streamflow and lake level filings by the Colorado Water Conservation Board. The actual increase in water rights applications was far greater than reflected by the increase in cases since some cases contained multiple water right applications. Mining interests located north and west of Craig have filed on numerous wells, springs, and reservoirs during 1981. The bulk of these filings have been on public domain or on lands not controlled by the mining companies. This has produced an avalanche of protest filings and new filings by ranchers in the area attempting to protect their historic water supplies. One rancher has applied for 45 springs in two water cases and another has applied for 70 reservoirs in 10 different cases. The flood of new cases has kept the water referee and our staff busy field checking the applications and processing the necessary papers.

Judge Hume, Division 6 Water Judge, has issued new Rules and Regulations governing the filing of water rights applications within this Division. The rules require that each application for water rights be accompanied by a list of owners of lands which may be affected by the granting of the application. The list is to include the names and addresses of owners of land underlying the proposed point of diversion or lands traversed by any ditch or pipeline right-of-way through which the proposed water right will be transported or lands upon which water will be stored. The willful failure to provide such a list of affected persons may result in the setting aside of the decree of water right. The new regulations also require that applicants for underground water rights submit, along with their application, the well permit number assigned by the State Engineer or a copy of the denial of application for well permit.

SUMMARY OF 1981 COURT TRANSACTIONS IN DIVISION 6 (Except District 43*)

Type of Filing	Applications	Rulings	Decrees
Underground Change of Right Augmentation Plan Surface	50 19 3 196	46 11 3 186	38 10 3 157
Reservoir Minimum Streamflow	65 12	55 12	51 18
SUMMARY OF 1981 COURT	TRANSACTIONS IN	DISTRICT	43
Underground	24	14	12
Change of Right Augmentation Plan	4 2	3	3
Surface	57	47	35
Reservoir	16	5	2
Minimum Streamflow		12	10

*District 43 water cases are handled in Division 5 Water Court

VIII. ORGANIZATIONS

A. Colorado River Water Conservation District, Glenwood Springs, CO - Mr. Roland C. Fischer, Sec-Treas

Upper Yampa Water Conservancy District, Steamboat Springs, CO - John Fetcher, Secretary; Jim Funk, Pres.

Yellow Jacket Water Conservancy District, Meeker, CO - Frank Cooley, Attorney

Pot Hook Conservancy District, Baggs, Wyoming - Darwin Dunn, President

Lower Yampa Conservancy District, Craig, CO - Tony Angelo, Chairman

Great Northern Conservancy District, Craig, CO - Tony Angelo, Chairman

Northwest Colo Water Council, Craig, CO - Tony Angelo, Chairman

Jackson County Water Conservancy District - Walden, CO - Lloyd Hampton, Secretary

B. Bear River Reservoir Co., Yampa, CO

Stillwater Ditch Co., Yampa, CO

Maybell Irrigation District, Maybell, CO

Miller Creek Ditch Co., Meeker, CO

Woodchuck Ditch Co., Steamboat Springs, CO

Mt. Werner Water & Sanitation District, Steamboat Springs, CO

Morrison Creek Water & Sanitation District, Oak Creek, CO

Steamboat Lake Water District, Clark, CO

Riverside Water & Sanitation District, Steamboat Springs, CO

Steamboat II Water & Sanitation District, Steamboat Springs, CO

Tree Haus Water & Sanitation District, Steamboat Springs, CO

Direct Flow Diversions to Irrigation	274,749
Direct Flow Diversions to Transbasin	0
Direct Flow Diversions to Municipal & Domestic	1,809
Direct Flow Diversions to Industrial	3,644
Direct Flow Diversions to Other Uses	29 , 646
TOTAL DIVERSIONS	309,848
Reservoir Storage (11/1/80)	7,828 7,731 - 97
Fill During Season	1,759 1,856
Direct Diversions to Irrigation Diversions from Storage to Irrigation TOTAL DIVERSIONS TO IRRIGATION	274,749 0 274,749
Total Acres Irrigated Average Demand for Irrigation	27 , 866 9.9

Water District No. 44

Direct Flow Diversions to Irrigation Direct Flow Diversions to Transbasin Direct Flow Diversions to Municipal & Domestic Direct Flow Diversions to Industrial Direct Flow Diversions to Other Uses TOTAL DIVERSIONS	119,644 0 2,500 9,243 600 131,987
Reservoir Storage (11/1/80)	15,751 15,781 30
Fill During Season	919 889
Direct Diversions to Irrigation Diversions from Storage to Irrigation TOTAL DIVERSIONS TO IRRIGATION	119,644 148 119,792
Total Acres Irrigated	25,490 4.7

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Direct Flow Diversions to Irrigation Direct Flow Diversions to Transbasin Direct Flow Diversions to Municipal & Domestic Direct Flow Diversions to Industrial Direct Flow Diversions to Other Uses TOTAL DIVERSIONS	288,574 1,223 700 0 4,730 295,227
Reservoir Storage (11/1/80)	17,389 11,514 - 5,875
Fill During Season	5,486 11,811
Direct Diversions to Irrigation Diversions from Storage to Irrigation TOTAL DIVERSIONS TO IRRIGATION	288,574 7,579 296,153
Total Acres Irrigated	111,002

Direct Flow Diversions to Irrigation Direct Flow Diversions to Transbasin Direct Flow Diversions to Municipal & Domestic Direct Flow Diversions to Industrial Direct Flow Diversions to Other Uses TOTAL DIVERSIONS.	21,108 0 100 0 100 21,308
Reservoir Storage (11/1/80)	476 476 0
Fill During Season Release + Evaporation During Season	200 200
Direct Diversions to Irrigation Diversions from Storage to Irrigation TOTAL DIVERSIONS TO IRRIGATION	21,108 0 21,308
Total Acres Irrigated Average Demand for Irrigation	4,129 5.2

Direct Flow Diversions to Irrigation Direct Flow Diversions to Transbasin Direct Flow Diversions to Municipal & Domestic Direct Flow Diversions to Industrial Direct Flow Diversions to Other Uses TOTAL DIVERSIONS	11,485 0 0 0 196 11,681
Reservoir Storage (11/1/80)	0 0 0
Fill During Season Release + Evaporation During Season	0
Direct Diversions to Irrigation Diversions from Storage to Irrigation TOTAL DIVERSIONS TO IRRIGATION	11,485 0 11,485
Total Acres Irrigated	1,388 8.3

Water District No. 56

Direct Flow Diversions to Irrigation Direct Flow Diversions to Transbasin Direct Flow Diversions to Municipal & Domestic Direct Flow Diversions to Industrial Direct Flow Diversions to Other Uses TOTAL DIVERSIONS	7,944 0 190 0 1,812 9,946
Reservoir Storage (11/1/80)	156 56 - 100
Fill During Season	100 200
Direct Diversions to Irrigation Diversions from Storage to Irrigation TOTAL DIVERSIONS TO IRRIGATION	7,944 74 8,018
Total Acres Irrigated	2,188 3.7

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Direct Flow Diversions to Irrigation Direct Flow Diversions to Transbasin Direct Flow Diversions to Municipal & Domestic Direct Flow Diversions to Industrial Direct Flow Diversions to Other Uses TOTAL DIVERSIONS	57,552 2,774 800 3,860 356 64,542
Reservoir Storage (11/1/80)	2,138 1,103 -1,035
Fill During Season	844 1 , 879
Direct Diversions to Irrigation Diversions from Storage to Irrigation TOTAL DIVERSIONS TO IRRIGATION	57,552 1,156 58,708
Total Acres Irrigated	9,912 5.9

Direct Flow Diversions to Irrigation Direct Flow Diversions to Transbasin Direct Flow Diversions to Municipal & Domestic Direct Flow Diversions to Industrial Direct Flow Diversions to Other Uses TOTAL DIVERSIONS	115,539 333 5,700 0 1,686 122,858
Reservoir Storage (11/1/80)	43,169 46,020 2,851
Fill During Season Release + Evaporation During Season	12,447 20,561
Direct Diversions to Irrigation Diversions from Storage to Irrigation TOTAL DIVERSIONS TO IRRIGATION	115,539 13,560 129,099
Total Acres Irrigated Average Demand for Irrigation	35,772 3.6

	Delivered to Compact Commitment A.F.	0	0	0	0	0	0	0	0	0
. 0	Total Diverstions A.F.	309,848	131,987	288,574	21,308	11,681	946,6	64,542	122,858	447,096
	Transbasin/Transmtn. Diversions A.F.	0	0	1,223	0	0	0	2,774	333	, 4,330
NO. 6 ions	Recreational & Other Uses A.F.	29,646	009	4,730	100	196	1,812	356	1,686	39,126
- DIVISION NO. Flow Diversions	Municipal & Domestic A.F.	1,809	2,500	700	100	0	190	800	5,300	11,399
SUMMARY - Direct Flo	Industrial Use A.F.	3,644	9,243	0	0	0	0	3,860	0	16,747
DIVISION S 1981 D	A.F. per Acre	<u>ດ</u>	4.7	2.7	5.2	e. 8	3.7	ა ზ	3.6	, 4.2
DIV 19	No. of Acres Irrigated	27,866	25,490	111,002	4,129	1,388	2,188	9,912	35,772	217,747
	Total Diversions for Irrigation A.F.	274,749	. 119,792	296,153	21,108	11,485	8,018	58,708	115,539	905,552
Table A	Water District	£#	ተተ	747	54	55	56	57	58	TOTALS

X. DIVISION ENGINEER'S SUMMARY

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X. DIVISION ENGINEER'S SUMMARY

Table B

DIVISION SUMMARY - DIVISION NO. 6

1981 - Storage Report - Acre Feet

Water District	Amount in Storage Acre Feet 11-1-83	Storage Feet 10-31-81	Actual Amt. Diverted to Storage During Season	Delivered from Storage to Irrigation	Storage for Industrial Use	Storage for Municipal Use	Storage for Recreational Use	Storage for Projects
r +3	7,823	7,731	1,759	0	0	0	7,467	0
† †	15,781	15,781	919	148	000,6	0	6,775	0
74	17,389	11,514	5,486	7,579	0	0	009 , 6	0
54	476	924	200	0	0		218	0
5	0	0	0	0	0	0	0	0
56	156	26	100	74	0	0	0	0
57	2,138	1,103	##8	1,156	1,500	986	0	0
28	43,169	46,020	12,447	13,560	7,500	2,500	38,400	0

X. DIVISION ENGINEER'S SUMMARY

Table C

WORKLOAD AND STATISTICAL INDICATORS

Acre Feet Water Used	960,744
Acre Feet Diverted for Agricultural Use	905,552
Acre Feet Diverted for Industrial Use	16,747
Acre Feet Diverted for Recreation Use	39,126
Acre Feet Diverted for Domestic & Municipal Us	se 11,399
Acre Feet Water Stored (10/31/81)	82,681
Acre Feet Water Transbasin Diversion	4,330
Acres Irrigated	217,747

XI. RECOMMENDATIONS

The water commissioners seem to be the work horses of the Water Resources Division and are the lowest paid. We would recommend that intense efforts be made for further salary advancement for 82-83. We would also recommend that efforts be mae so that they do not subsidize the State through lower-than-cost-reimbursement for mileage.

Ownership of water rights is still an issue which everyone seems to avoid. One of our most precious assets is in the dilemma of being unable to have title insurance issued in its behalf. It would seem that legislation could be passed so title of water rights could be straightened out and ownership could be verified without huge expense. The present adjudication system is not overly expensive. It would seem that if this system is adequate to originate water rights, it would be sufficient to verify ownership. Persons who are using water in the decreed locations on the originally designated land could file a \$26 case showing that they are owners. If after advertising, no one comes forth showing anything different, the court could verify title.

Consumptive use is more important than ever and we need to know what our use is so that we can discuss energy needs, compact negotiations, and many other issues in an intelligent manner.

RECEIVED

'JUL 19 1982

WATER RESOURCES
STATE : ENGINEER
COLD

ABREST STATEMENT AND STATES OF STATE

RESERVOIR EVAPORATION AT 8300. FT.

	HTMOM	EVAPORATION(INCHES)	MET DEPLETION(AF.)
	1.1	0.00	O
	1.2	0.00	() _n
	1.	0.00	○ n
	~y ^	0.00	O
	3	0.00	O 16
	4	2.56	567
	15	1.55	365.
	<u> </u>	3.71	COC A _m
	7 0	4 . 38	A61.
	<u> </u>	A English	15.77% n
	•	3.50	372 n
	1.0	1.68	245.
to the tile the silenter we the tile the site of a city of a city of		21,79	TOTALS 3747. Күничнику инкучикин күнинининикинин
	May no material and may deep all a proportional control, see a processor	Trippro Co. A. Or. T. Phys. S. B. 20, 20, 14 (19)	
***************	CRRRRRRRRRR	AMUSON ON IRRIGATION CONSUMP	"不工VE USE [#本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本
ELEV. 2000, FT. Danadian	1.100	95. ERR. ACRES IRF.	. SEASON 5/10/1981 - 7/1 5/19 8
	HTMOM	DEPLETION (INCHES)	
	05 3.j	2.01	
	6	4.51	
	7	2,48	
		9.00 YEARLY	
VIT DEPLETION =	8315.6	NORE TT.	O TOO SOUT TO DEEL APP
(宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋宋	生老本本本本本本本	产业出出出来来来北北北北北北北北北北北北北北北北	北京東京東京東京東京東京東京東京東京東京東京東京東京東京東京東京東京東京東京東
LLEV. 8300, FT. MICH TO KIMMONS	9 .43	(O. IRR. ACRES TRR.	. SEASON 5/15/1981 - 7/20/198
	MONTH	DEPLETION (INCHES)	
	5	1.49	The second of th
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			Name - State -
	6	4 . 4 O	
		4.40 3.23	/ TATAL
VET DEPLETION =	6 7	4.40 3.23 9.13 YEARLY	
VET DEFLETION =	6 7 7156.4	4.40 3.23 9.13 Yearly Acre ft.	0.740 ACRE ET DED ACE
62 84888888888 Elev. 8300, ft .	6 7 7156.4 (米京米米米米米米	4.40 3.23 9.13 YEARLY ACRE FT. (***********	/ TOTAL 0.760 ACRE FT. PER ACR (************************************
* *** ******	6 7 7156.4 ************************************	4.40 3.23 9.13 Yearly Acre ft. G************************************	0.760 ACRE FT. PER ACR
62 84888888888 Elev. 8300, ft .	6 7 7156.4 ************************************	4.40 3.23 9.13 YEARLY ACRE FT. (************************************	0.760 ACRE FT. PER ACR
62 84888888888 Elev. 8300, ft .	6 7 7156.4 ******** 987 MONTH 5	4.40 3.23 9.13 YEARLY ACRE FT. (************************************	0.760 ACRE FT. PER ACR
62 84888888888 Elev. 8300, ft .	6 7 7156.4 ******** 987 MONTH 5 6	4.40 3.23 9.13 YEARLY ACRE FT. (************************************	0.760 ACRE FT. PER ACR
62 84888888888 Elev. 8300, ft .	6 7 7156.4 ******** 987 MONTH 5	4.40 3.23 9.13 YEARLY ACRE FT. (************************************	0.760 ACRE FT. PER ACR (************************************
62 84888888888 Elev. 8300, ft .	6 7 7156.4 *************** 787 MONTH 5 6 7	4.40 3.23 9.13 YEARLY ACRE FT. (************************************	0.760 ACRE FT. PER ACR (************************************

ELEV. 8000, FT. 4800. IRR. ACRES ' IRR. SEASON 5/10/1981 - 7/15/198 MICH BL WALDEN MONTH DEPLETION (INCHES) 5 2.01 Ó 4.51 ..., 2.40 9.00 YEARLY TOTAL NET DEPLETION = 3600.ACRE FT. 0.750 ACRE FT. PER ACE 12000. TRR. ACRES | IRR. SEASON 5/10/1981 - 7/15/198 ELEV. 8600, FT. ILL TO MIDLAND MONTH DEPLETION (INCHES) 1.03 4.40 6 γ 2,42 8.76 YEARLY TOTAL NET DEPLETION = 8757.ACRE IT. 0.730 ACRE FT. PER ACE 9154. IRR. ACRES | IRR. SEASON 5/10/1981 -ELEV. 8000. FT. LOWER ILLINOIS MONTH DEPLETION (INCHES) 0 2.01 4.51 6 ..., 9.83 YEARLY TOTAL NET DEPLETION = 7497 ACRE FT. 0.819 ACRE FT. PER ACE ELEV. 8200. FT. 1130%. IRR. ACRES TRE. SEASON 5/10/1981 -LIL GRIZZLY MONTH DEFLETION (INChes) 1.06 Ś 4.77 2.64 8.47 YEARLY TOTAL HET DEPLETION = 7901.ACRE TT. 0.70% ACRE FT. PER ACE ELEV. 6200, FT. 14300 TERR. ACRES IRR. SEASON 5/ 5/1981 -BIG GRIZZLY HTMOM DEPLETION (INCHES) 125 1.37 6 4.86 7 1.35 7.58 YEARLY TOTAL NET DEPLETION = 9032, ACRE FT. 0.632 ACRE FT. PER ACE

```
ELEV. 8300, FT.
              10426, IRR. ACRES
                              TRR. SEASON 5/15/1981 -
ROARING FK
            MONTH
                   DEPLETION (INCHES)
              5
                         0.84
              Ó
                         9,83
                         2.01
                         7.38 YEARLY TOTAL
NET DEPLETION =
             6673,ACRE FT.
                                       0.640 ACRE FT. PER ACR
TER. STASOM 5/20/1981 -
ELEV. 8300, FT.
               13038 IRR. ACRES
NORTH FK
            MONTH
                   DEFLETION (INCHES)
                         0.60
              6
                         4.83
              7
                         3.35
                            YEARLY
                                 TOTAL
NET DEPLETION =
             9528.ACRE FT.
                                       0.731 ACRE FT. PER ACR
1000. IRR. ACRES | LER. SEASON | 5/25/1981 -
ELEV, 8400. FT.
NOW TRIB IN CO
            HTMOM
                   DEPLETION (INCHES)
              35
                         0.34
                         4.79
              6
                         3.32
                         8.45 YEARLY TOTAL
NET DEPLETION =
              704,ACRE FT.
                                       9.704 ACRE FT, PER ACR
ELEV. 8000. FT.
               4610. IRR. ACRES
                              TRR. CEASON 5/20/1981 - 7/20/198
N PLATTE
            HTMOM
                   DEPLETION (INCHES)
                         1.10
              6
                         4,51
              7
                         3.31
                         8.91 YEARLY TOTAL
NET DEPLETION =
             3424, ACRE FT.
                                       0.243 ACRE FT. PER ACR
IRRIGATION TOTALS FOR WATER DISTRICT
                                           47
 79892. A.F. NET IRRIGATION DEPLETION
                            -0.720 A.F.ZACRE
                                           111002 TRR. ACRE
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43

RESERVOIR EVAPORATION AT 6800, FT.

٠.	MONTH	EVAPORATION(INCHES)	MET DEPLETION(AF.)
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	9	4.52	1.1.O o
		4 n D d 3 n D Q	4 EM 4 6 J. J. c.
	•		1.30
	10	1.01	The second of th
the de steak the sie sie de de ste do de de ste do d	De alla alla alla alla alla alla alla al	19.47	TOTALS 662.
**************************************	(********* 227	TRRIGATION CONSUN ***********************************	PTIVE USE ************************************
ABOVE BUFORD	HTNOM		· · · · · · · · · · · · · · · · · · ·
		DEPLETION (INCHES)	
	6	4 56 7	
	~9	•	
	7	3.84	
	7 8	3.84 1.54	
NFT DEPLETION =	8	3.84 1.51 6.82 Yeast	
NET DEFLETION =	8 1294.A	3.84 1.51 6.82 YEASU	A SAR ACRE ET GER A
	8 1294.4 ******	3.84 1.57 8.82 YEARL CRE FT. **********	0.568 ACRE FT. PER A ************************************
**************************************	8 1294.4 ******	3.84 1.57 8.82 YEARL CRE FT. **********	0.568 ACRE FT. PER A ************************************
*************************************	8 1294.4 жжжжжжжж 1424	3.84 1.51 6.82 YEASU CRE FT. ************************************	0.568 ACRE FT. PER A ************************************
************** ELEV. 6350. FT.	8 1294.4 ******* 1424 MONTH	3.84 1.51 8.82 YEARL ************************************	0.568 ACRE FT. PER A ************************************
**************************************	8 1294.4 ******** 1424 MONTH 6	3.84 1.51 6.82 YEARL ***************** 9. IRE. ACRES IRE UCPLETION (INCHES) 5.64	0.568 ACRE FT. PER A ************************************
**************************************	8 1294.4 ******* 1424 MONTH	3.84 1.51 6.82 YEAST ERR FT. ******************* 9. IRM. ACRES IRM DEPLETION (INCHES) 5.64 4.64	0.568 ACRE FT. PER A ************************************
**************************************	8 1294.4 ******** 1424 MONTH 6 7	3.84 1.51 6.82 YEARL ***************** 9. IRE. ACRES IRE UCPLETION (INCHES) 5.64	0.568 ACRE FT. PER A ************************************
**************************************	8 1294.4 ******** 1424 MONTH 6 7	3.84 1.51 6.82 YEASL ERE FT. **************** 9. IRE DUPLETION (INCHES) 5.64 4.64 1.93 3.04	0.568 ACRE FT. PER A ******************** (. SEASON 6/ 1/1981 - 7/25/1 8/20/1981- 9/20/198
************* ELEV. 6350. FT. WHITE AB YELLOW NET DEPLETION =	8 1294.4 ******** 1424 MONTH 6 7 8 9	3.84 1.54 6.82 YEASL CRE FT. **************** 9. TRE ACRES TRE 5.4 4.64 1.93 3.04 15.26 YEARL	0.568 ACRE FT. PER A ********************* (. SEASON 6/ 1/1981 - 7/25/1 8/20/1981- 9/20/198 Y TOTAL
************* ELEV. 6350. FT. WHITE AB YELLOW NET DEPLETION =	8 1294.4 ******** 1424 MONTH 6 7 8 9	3.84 1.54 6.82 YEASL CRE FT. **************** 9. TRE ACRES TRE 5.4 4.64 1.93 3.04 15.26 YEARL	0.568 ACRE FT. PER A ********************* (. SEASON 6/ 1/1981 - 7/25/1 8/20/1981- 9/20/198 Y TOTAL
************* ELEV. 6350. FT. WHITE AB YELLOW NET DEPLETION = ***********************************	8 1294.4 ********* 1424 MONTH 6 7 8 9 18114.4	3.84 1.54 6.82 YEASL 8************************ 9. IRE. ACRES IRE DEPLETION (INCHES) 5.64 4.64 1.93 3.04 15.26 YEARL CRE FT.	0.568 ACRE FT. PER A ******************** SEASON
************* ELEV. 6350. PT. WHITE AB YELLOW NET DEPLETION = *******	8 1294.4 ********* 1424 MONTH 6 7 8 9 18114.4	3.84 1.54 6.82 YEASL 8************************ 9. IRE. ACRES IRE DEPLETION (INCHES) 5.64 4.64 1.93 3.04 15.26 YEARL CRE FT.	0.568 ACRE FT. PER A ****************** SEASON
************* ELEV. 6350. FT. WHITE AB YELLOW NET DEPLETION = ***********************************	8 1294.4 ********* 1424 MONTH 6 7 8 9 18114.4	3.84 1.54 6.82 YEASL 8************************ 9. IRE. ACRES IRE DEPLETION (INCHES) 5.64 4.64 1.93 3.04 15.26 YEARL CRE FT.	0.568 ACRE FT. PER A ****************** SEASON
************* ELEV. 6350. FT. WHITE AB YELLOW NET DEPLETION = ***********************************	8 1294.4 (******** 1424 MONTH 6 7 8 9 18114.4 (*******	3.84 1.51 6.82 YEASL CRE FT. ***************** 9. IRR. ACRES 5.64 1.93 3.04 15.26 YEARL CRE FT. ************************	0.568 ACRE FT. PER A ****************** (. SEASON 6/ 1/1981 - 7/25/1 8/20/1981- 9/20/198
************* ELEV. 6350. FT. WHITE AB YELLOW NET DEPLETION = ************** ELEV. 6500. FT.	8 1294.4 ***********************************	3.84 1.54 6.82 YEARL CRE FT. *********************** 9. TRE. ACRES 1.93 3.04 15.26 YEARL CRE FT. ************************************	0.568 ACRE FT. PER A ***************** SEASON 6/ 1/1981 - 7/25/1 8/20/1981- 9/20/198 Y TOTAL 1.271 ACRE FT. PER A ************************************
************* ELEO. 6350. FT. WHITE AB YELLOW NET DEPLETION = *********** ELEV. 6500. FT. TRIBS AB MEERER	8 1294.4 ********* 1424 MONTH 6 7 8 9 18114.4 ******** 531 MONTH 5 6	3.84 1.54 6.82 YEARL 8.82 YEARL EX************************************	O.568 ACRE FT. PER A ****************** (. SEASON
************ ELEO. 6350. FT. WHITE AB YELLOW NET DEPLETION = ********** ELEV. 6500. FT. TRIBS AB MEERER	8 1294.4 ******** 1424 MONTH 6 7 8 9 18114.4 ******** 531 MONTH 5 6 2280.4	3.84 1.54 6.82 YEASL CRE FT. ************************************	O.568 ACRE FT. PER A ********************* O.568 ACRE FT. PER A ****************** Y. TOTAL 1.271 ACRE FT. PER A *************** SEASON 5/25/1981 - 6/25/1 Y. TOTAL O. 409 ACRE FT. PER A
************ ELEO. 6350. FT. WHITE AB YELLOW NET DEPLETION = ********** ELEV. 6500. FT. TRIBS AB MEERER	8 1294.4 ******** 1424 MONTH 6 7 8 9 18114.4 ******** 531 MONTH 5 6 2280.4	3.84 1.54 6.82 YEASL CRE FT. ************************************	0.568 ACRE FT. PER A ******************** (. SEASON

ELEV. 6300, FT. JRR. SEASON 5/ 1/1981 -3682. IRR. ACRES OWER TRIBS HTMOM DEPLETION (INCHES) 107 6 4.73 6.99 YEARLY TOTAL NET DEPLETION = 2144.ACRE FT. 0.502 ACRE FT. PER ACRI ELEV. 5300. FT. 2338. IRR. ACRES IRR. SEASON <u> 5/20/1901 - 7/20/198</u> 0/10/1981- 8/31/1981 WHITE BL YELLOW MONTH DEFLETION (INCHES) t: 1.59 6 6.68 4.59 8 4.39 17,25 YEARLY TOTAL NET DEPLETION = 3360 ACPE FT. 1.437 ACRE FT. PER ACRE IRRIGATION TOTALS FOR WATER DISTRICT 27193. A.F. NET IRRIGATION DEPLETION 0,976 A.F./ACRE 27866.IRR. ACRES

RESERVOIR EVAPORATION AT 5500。FT。

	нтиом	EVAPORATIONCINCHES) NET	DEPLETION(AF.)
	<u> 11</u> 12	1.40		97.
		0,00		() n.
	1 2	0.00 0.00		<u> </u>
**************************************	45 45	\(\gamma \Quad \Q		()
	4	2 . AS		30,,
	5	1.02		171.
en er	6	4.20		69 a 202 a
	7	4 . 60		295.
	8	5.77		363.
	9	3.73		247,,
	1.0	0.60		39.
		24.63	TOTALS	1584. ************************************
**************************************	K***********	IRRIGATION CONS	*******	******************
	5/(O. IRR. ACRES T	RR. SFASI	DN 5/25/1981 - 7/25/ 8/15/1981- 9/15/19
YAMPA AB JUNSPS	1705 1001			
	MONTH	DEPLETION (INCHES)	
	5	0.48		
	6	5.08	17 D. Activities and military or programmy but come many approximates and	
•	/	4.41		
	8	3.39		
a a man an ann aig agus an	, , , , , , , , , , , , , , , , , , ,	2.00 15.36 YEA	ii V wasaa	
NET DEPLETION =		ACRE FY.		1.280 ACRE FT. PER *******************
********	*******	(米米米米米米米米米米米米米米米米米米米米米米米米米米米米米米米米米米米米米	*****	is an are an are are the treath in
**************************************	#########) <u>\$</u> 2	OO. IRR. ACRES I	KKKKKKKK KR. SEASI	DN 57 571901 - 77057
masva byvva ria	520 520	OO. TRE. ACRES I	RR. BEAST	DM 5/ 5/1981 - 7/25/
ALEVa Syvva Pia	520 520	OO. TRE. ACRES I	ER. SEAS	DN 57 5/1981 - 7/25/ 8/15/1981- 9/15/198
ALEVa Syvva Pia	нтиом	DEPLETION (INCHES	RR. SEAS(DM 5/ 5/1981 - 7/25/
ALEVa Syvva Pia		DEFLETION CINCHES 1.93	RR. SEAS(DM 5/ 5/1981 - 7/25/
ALEVa Syvva Pia	нтиом	DEFLETION (INCHES 1.93 5.21	RR. SEAS(DM 5/ 5/1981 - 7/25/
ELECT SYVUE PIE	520 MONTH 5 6	DEPLETION (INCHES 1.93 5.21 4.52	RR. SEAS(DM 5/ 5/1981 - 7/25/
ELECT SYVUE PIE	520 MONTH 5 6 7 8	DEPLETION (INCHES 1.93 5.21 4.52 3.47	RR. SEAS(DM 57 5/1981 - 7/25/
ELECT SYVUE PIE	520 MONTH 5 6	DEPLETION (INCHES 1.93 5.21 4.52 3.47 2.05	RR. SEAS	JN 5/ 5/1981 - 7/25/ 8/15/1981- 9/15/19(
YAMPA BL JUNSPG	520 MONTH 5 6 7 8 9	DEFLETION (INCHES 1.93 5.21 4.52 3.47 2.05	RR. SEAS	JN 5/ 5/1981 - 7/25/ 8/15/1981- 9/15/190
NET DEPLETION =	520 MONTH 5 6 7 8 9 7443.4	DEFLETION (INCHES 1.93 5.21 4.52 3.47 2.05 17.18 YEAR	RR. SEAS(JN 5/ 5/1981 - 7/25/ 8/15/1981- 9/15/19(- 1.431 ACRE FT. PER (************************************
YAMPA BL JUNSPG NET DEPLETION = K***********************************	520 MONTH 5 6 7 8 9 7443.4 (********	DEPLETION (INCHES 1.93 5.21 4.52 3.47 2.05 17.18 YEAR OCRE FT. ************************************	RR. SEAS() RLY TOTAL K*******	JN 5/ 5/1981 - 7/25/ 8/15/1981- 9/15/19(- 1.431 ACRE FT. PER (************************************
YAMPA BL JUNSPG NET DEPLETION = ***********************************	520 MONTH 5 6 7 8 9 7443.4 ************************************	DEPLETION (INCHES 1.93 5.21 4.52 3.47 2.05 17.18 YEAR MORE FT. ***********************************	RR. SEAS() RLY TOTAL K*******	JN 5/ 5/1981 - 7/25/ 8/15/1981- 9/15/19(- 1.431 ACRE FT. PER (************************************
YAMPA BL JUNSPG NET DEPLETION = ***********************************	520 MONTH 5 6 7 8 9 7443.4 **********************************	DEFLETION (INCHES 1.93 5.21 4.52 3.47 2.05 17.18 YEAR ACRE FT. ************************************	RR. SEAS() RLY TOTAL K*******	JN 5/ 5/1981 - 7/25/ 8/15/1981- 9/15/19(- 1.431 ACRE FT. PER (************************************
YAMPA BL JUNSPS NET DEPLETION =	520 MONTH 5 6 7 8 9 7443.4 ************************************	DEPLETION (INCHES 1.93 5.21 4.52 3.47 2.05 17.18 YEAR MORE FT. ***********************************	RR. SEAS() RLY TOTAL K*******	JN 5/ 5/1981 - 7/25/ 8/15/1981- 9/15/19(- 1.431 ACRE FT. PER (************************************
YAMPA BL JUNSPG NET DEPLETION = ***********************************	520 MONTH 5 6 7 8 9 7443.4 **********************************	DEFLETION (INCHES 1.93 5.21 4.52 3.47 2.05 17.18 YEAR ACRE FT. ************************************	RR. SEAS() K****** RR. SEAS(JN 5/ 5/1981 - 7/25/ 8/15/1981 - 9/15/190 - 1.431 ACRE FT. PER (************************************

**************************************	5386	. IRR.	ACRES	IRR.	SEASON	67	1/1981	- 7/	5/198
UPPER TRIBS	MONTH	neel e	TION (IN	CHECY					
and the state of t	Ó	Jor' Land Constant	4,80	year or a second		···			
	7		0.84		100 US 450 4 3				
NET DEPLETION =	<u> </u>	TRE ET	5.64	YEARLY	IUIAL.	<u>Λ λ7</u>	<u> </u>	FT, PE	D AMD
*******				******	******				
	TORCE	GATTON	TOTALS	FOR HAT	ro nrevi	D. 11. (** * Y *	4.6		
20185. A.F. NE								20.TRR.	ACRE
Control Contro		and the second s			10 TO	the of the Assessment St. Physical Letter St. Physical Letter St. Physical Letter St. Physical S		(Managari 1994) - 1 - 440 - 1 - 444 - 1 - 494 (Managari 1994) - 45 (Managari 1994)	
a an ann aire, ann a san a' ann a' ann a' ann a' ann an an an ann an		ann manainnide mar ann à Màidh (1991 1997 a mar an	hand determination of the manufacture of the contract of the c	e record annual property and property and addition	orang sar also a range sar or on sala aga _{sarang}	TOTAL MANAGEMENT AND ADDRESS OF THE PARTY OF	er en		
a contract that a contract is a contact detailed in the following the contract to the contract of the contract	which are another in product for the control of the second section and an experience of	southern than 1777 the graph	.,,,				· var v et v move "	· · · · · · · · · · · · · · · · · · ·	
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	riteratura and and are desired reporting and account of the second secon		and the second s	milita shiring gapan at a sesse are y 15,5 ago.	e en l'adent une et les des l'adentifications de l'années de l'adentification de l'années de l'adentification de l'années de l'adentification de l'années de l'adentification de l'adentif	***		agy collisher a magili a maga shi a shi garar a garabhar i sa shi an a shi a sa shi a	
	(18) 1986 - Par Arthur (18) Ngaadanin ngan ta statu taraktar na Arthur Arthur	tik a alahan ingga pangamanan erene er	.,		T. E. C. AND S.				it at all more more and the space of the spa
	Militari - III kawa ini kamananana usaka nakatai walit dakai dibind	ladam til trake et ett teller - sill sill ste et et ett ste ste e	AND THE RESIDENCE OF THE PARTY	e e e e e e e e e e e e e e e e e e e		0.0 m at 00 m	to a service that we say	t have meet as ends of sweetness two years	Mystockey months of the sample is amon
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		, annual de la company de la c		ANTONIO MICHAEL SALVANIA SALVA	honor (Mittell Franklicks Mit 1 and as Franklicks Mit	The second secon	ara (tanàna tahun 18 majarapah t an ahasa ao apami		
					. The same transportation of the same state of t				

WATER DISTRICT 54

RESERVOIR EVAPORATION AT 7500, FT.

	MONTH 11	EVAPORATION(INCHE	S) NET	DEPLETIO		
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	3	0,00			и .	
,	4	2.18		18		
• •	5	0.56				
	6	2 4 7 3		31		
	ž	4.13		21		
	ģ	5.31				
	9 :	3.47		$\frac{27}{17}$	11	
	10	0.14				
	J. C		101 215 100 A 1 31C	1.		
		19.52 ***********	TOTALS	120	11	
ELEV. 6300. FT,	. 31	IRRIGATION CON ************************************	SUMPTIVE (******** IRR. SEAS	******	**************************************	**** 31/1
SNAKE WILLOW CK		We first the Land of the Control of	en x			
	HTNOM	DEPLETION (INCHE	to J			
	<u> </u>	O.82	:: /			
	5	0.82	b /	Management and the state of the		
NET DEPLETION = *********	5 6 7 = 2937	0.82 5.08 5.47 11.37 YE ACRE FT.	ARLY TOTAL	0.947	' ACRE FT. P	ER A
	5 6 7 = 2937 (**********************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********** TRR. SEAST	0.947 :*****	ACRE FT. P ********** 71981 - 77	* **
**************************************	5 6 7 **********************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********** TRR. SEAST	0.947 :*****	**********	* * * *
**************************************	5 6 7 = 2937 ************************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********** TRR. SEAST	0.947 :*****	**********	* * * *
**************************************	5 6 7 **********************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ******** TRR. SEAST	0.947 	**********	* * * *
************** ELEV. 6600. FT. TRIBUTARIES	5 6 7 = 2937. ******** 10 MONTH 6 7	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********** TRR. SEAST	0.947 k******* JN 6720	**************************************	**** 1571
********** ELEV. 6600. FT. TRIBUTARIES NET DEPLETION = ***********	5 6 7 **********************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********* S) ARLY TOTAL *******	0.947 ******** O.360 *****	************ 71981 - 77 ACRE FT. P *********	ER A
*********** ELEV. 6600. FT. TRIBUTARIES NET DEPLETION = ***********	5 6 7 **********************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********* TRE. SEASI S) ARLY TOTAL	0.947 ******** O.360 *****	*********** / 1981 -	ER A
********** ELEV. 6600. FT. TRIBUTARIES NET DEPLETION = ***********	5 6 7 **********************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********* S) ARLY TOTAL *******	0.947 ******** O.360 *****	************ 71981 - 77 ACRE FT. P *********	ER A
********** ELEV. 6600. FT. TRIBUTARIES NET DEPLETION = ***********	5 6 7 **********************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********* S) ARLY TOTAL *******	0.947 ******** O.360 *****	************ 71981 - 77 ACRE FT. P *********	ER A
********** ELEV. 6600. FT. TRIBUTARIES NET DEPLETION = ***********	5 6 7 **********************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********* S) ARLY TOTAL *******	0.947 ******** O.360 *****	************ 71981 - 77 ACRE FT. P *********	**** 15/1 ER A
********** ELEV. 6600. FT. TRIBUTARIES NET DEPLETION = ***********	5 6 7 **********************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********* S) ARLY TOTAL *******	0.947 ******** O.360 *****	************ 71981 - 77 ACRE FT. P *********	**** 15/1 ER A
********** ELEV. 6600. FT. TRIBUTARIES NET DEPLETION = ***********	5 6 7 **********************************	0.82 5.08 5.47 11.37 YE ACRE FT. ************************************	ARLY TOTAL ********* S) ARLY TOTAL *******	0.947 ******** O.360 *****	************ 71981 - 77 ACRE FT. P *********	**** 15/1 ER A

	M 	ONTH 11	EVAPOR	ATIONCINO	CHES)	NET		ION(AF.)		
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•		2		0.00	**************************************			0		
		3		2.08				Ó.,		
		4 5		3.41 2.38				()		-
		<u> </u>		3.61			state a consensual or the second communication and an extension	() <u>,</u>		<u> </u>
		7		6.57				() _n		
		é		6.31				() ()		
		- ÿ -	***************************************	4.37	**************************************	Therefore commence		<u>0"</u>		
*.		10		1.01				() " () "		
		,		34.67	TO	TALS		O.,		
**************************************	*****	*****	TRR ***********************************	TGATION (*******	****	米米米米米	******	(****	
halla V n = MCCVV n	f' l n	J.	OBS ATIVA	MURES	LEKE n	St.ASU		5/1981 -		57198
OWER SNAKE	R						\$17 K	0/1981- (373171	1481
		ONTH	DEFLE	NION CIN	CHES					
		(0)		1.88						
,		6		6.19	<u>-</u>					
				5.81		***				
				sJ n O J.						
		8		2.52						
The state of the last that I have been also also		8	V bar has been 10 mm.	2.52 16.40	YEARLY	TOTAL				
		8 1097 ****		2.52 16.40 *****	кискинаки	****	1.36 *****	Z ACRE F	T PET	R ACF
**** ********************************	*******	8 1897 ****	********* MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	*****
	*******	8 1897 ****	********* MOTTABLESS	2.52 16.40 *****	кискинаки	*****	1.36 *****	**************************************	T. PEI	*****
**************************************	*******	8 1897 ****	********* MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	****
**** ********************************	*******	8 1897 ****	********* MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	****
**************************************	*******	8 1897 ****	********* MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	****
**** ********************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	****
**** ********************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	****
**************************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	*****
**************************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	****
**************************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	****
**** ********************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	****
**************************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	*****
**************************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	*****
**************************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	*****
ET DEFLETIC ************************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	****
**************************************	*******	8 1897 ****	******** MOTTABLESS	2.52 16.40 *****	kaaaaaaa For Wate	*****	1.36 *****	**************************************	******	****

WATER DISTRICT 56

RESERVOIR EVAPORATION AT 5000. FT.

	HTMOM	EVAPORATION(INCHES)	NET DEPLETION(AF.)
	1.1	1.42	E. S.
	1.2	0.00	() n
	1.	0.00	⟨⟩ _n
	2	000	() n
	3	1.82	/ n
	4	3.17	1. Ó "
	5	2,14	1.1
	6	5.32	2777) 2000 W
	7	6.33	$\frac{1}{10} \frac{C_1}{M_2} \frac{C_2}{\Omega}$
	9	6,04	10 u
	9	4.13	di di u
	1.0	0.77	en Anna San anna
ate	de the the the tip the deets the the		TOTALS 111. **********************************
		IRRIGATION CONSUM	SPITUE LICE
**********	********		(*************************************
ELEV. 5500. FT. GREEN R	n	OB. IRR. ACRES IRE	C. SEASON 4/15/1981 - 7/15/198
	MONTH	DEFLETION (INCHES)	·
/	, 4	2,10	
	5	3.53	
	6	6.30~	
	7	3.54	
		4 UN A Z NAUM AND A	V TOTAL
		15.46 YEARL	
		ACRE FT.	1.289 ACRE ET. PER ACR
		ACRE FT.	1.289 ACRE ET. PER ACR
	************	ACRE FT. ************************************	1.200 ACRE FT. PER ACRE ************************************
	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR СЖХЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖ NTER DISTRICT 56
**************************************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR СКАККАККАККАККАККАККАККАККАКК NTER DISTRICT 56
**************************************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR СЖХЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖ NTER DISTRICT 56
**************************************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR C***********************************
**************************************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR C***********************************
*************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR C***********************************
**************************************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR СЖХЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖ ATER DISTRICT 56
**************************************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR C***********************************
**************************************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR C***********************************
**************************************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR C***********************************
**************************************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR СЖХЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖ NTER DISTRICT 56
2820. A.F.	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR СЖХЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖ NTER DISTRICT 56
2820. A.F.	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR СЖХЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖ NTER DISTRICT 56
**************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR C***********************************
**************	**************************************	ACRE FT. ************************************	1.200 AORE FT. PER AOR СЖХЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖ
**************************************	**************************************	ACRE FT. ************************************	1.209 ACRE FT. PER ACR C***********************************

RESERVOIR EVAPORATION AT 6700. FT.

	MONTH:	EVAPORATIONCINCHES	NET DEPLETION(AF.)
,	1.2	1.,24	1.6 a
	1.	· () , () ()	Ö "
	eng Ku	0.00	() _n
	3	0.39	C n
er a	4 5	2.74	♦ ♥ "
	 3	1.00 3.89	19.
	7	50 n 0 7 4 n 0 6	60 a
	Š	4.84	49. 53.
		3.88	
	1.0	0,57	S.a. S.a.
		24.21	TOTALS 315. CCARARRARRARRARRARRARRARRARRARRARRARRARR
**********	*******	TRRIGATION CONSU	JMPTIVE USE ************************************
LEV. 6300. FT	n 67	67. IPR. ACRES II	
AMPA R			8/20/1981- 9/15/1981
FIRIT M. R.	HTNOM	DEFLETION (INCHES)	
	6	4.88	
\	ž	5.087	
	<u>.</u>	2,08	
	9	2.01	
		14.05 YEAR	(LY TOTA)
VET DEPLETION CKARRARARARARA ELEV. 6600. FT RIBUTARIES	*****	ACRE FT. *****************	1.171 ACRE FT. PER ACR СЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖЖ
29	V.C.VIH	_ DEPLETION (INCHES))
	<u> </u>	3.27	
		235	
VET DEPLETION	= 1472.	5.62 YEAR ACRE FT.	Ps. A. J. Ps. A. W. W. Co.
*********	******	米米米米米米米米米米米米米米米米米米米	0.468 ACRE FT. PER ACRI
			· 森市本市市市市市市市市市市市市市市市市市市市市市市市市市市市市市市市市市市市
	IR	RIGATION TOTALS FOR W	MATER DISTRICT 57
7373. A.F.	MET IRRIGAT	TION DEPLETION 0.9	48 A.F./ACRE 9912.IRR. ACRES
		•	1 Our V Chark
<u> </u>			
	,1		
*		,	

RESERVOIR EVAPORATION AT 8000 FT

58

	MONTH 11	EVAPORATION(IN		MET DEPLETION(AF.)	
	12	0,00		() "	
	1.	() , () ()		Ö,	
	2	0.00		O n	
	3	0.00		O n	
	4	1.90		393.	
	5	() 1.4		30	
	<u>6</u> 7	2.75 2.62		555.	
	8	3,87		495.	
		2.80		717. 521.	
	10	0.03		salsa di n Sin	
•	A. C	14.15	TOTA		
***********	*************			(*************************************	*******
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g de de speste de speste spe <mark>ste speste speste</mark> gr	r de de les de de de de de de de	IRRIGATION			
CEA SAMO" LAL" CEA SAMO" LAL"	2088	ACRES ACRES		**************************************	**************************************
•	MONTH	THE CTION OIM	CHICAD		
The second secon	A	Za ZE	m	The second section of the second seco	
;	7	4.12		·	*
And worth of the state of the s			YÉARLY TO		
/ DEFLETION =	4403.AC			0 AAT ACCE C	*V* 1** 1*** 1*** A 246 4** 1**
(1)	法法法法法法法法法法 法法	*海棠洋沿岸滨滨沿岸沿岸沿岸	*******	本本土土本本土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土	*************
.57. 7000. FT.	**************************************	**************************************	RERESERVE	######################################	*************
.57. 7000. FT.	3000	. IPR. ACRES	INP. SE	本本土土本本土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土	*************
187. 2000. FT.		DEPLETION (IN	IRP.SE	本本土土本本土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土	*************
187. 7000. FT.	3000	DEPLETION (IN 1.53	IRP.SE	本本土土本本土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土土	*************
187. 7000. FT.		DEPLETION (IN 1.53	IRB, SE	**************************************	**************
EEV. 7000. FT. EK R TRIBS	3000 MONTH 6 7	DEPLETION (IN 1.53 1.98 3.51	IRP.SE	**************************************	**************************************
ET DEPLETION =	3000 MONTH 6 7	DEPLETION (IN 1.53 1.98 3.51	IRB, SECHES) YEARLY IC	**************************************	**************************************
ET DEPLETION == KKKKKKKKKKKKK	3000 MONTH 6 7 878 . AC	DEPLETION (IN 1.53 1.98 3.51 RE FT.	IRB。 SE CHES) YEARLY TO ************	#####################################	**************************************
EV. 7000. FT. K R TRIBS ET DEFLETION = KRETERRETE LEV. 8000. FT.	3000 MONTH 6 7 878 . AC	DEPLETION (IN 1.53 1.98 3.51	IRB。 SE CHES) YEARLY TO ************	**************************************	**************************************
EV. 7000. FT. K R TRIBS ET DEFLETION = KRETERRETE LEV. 8000. FT.	3000 MONTH 6 7 878 . AC	DEPLETION (IN 1.53 1.98 3.51 RE FT.	IRB。SE CHES) YEARLY TO ************************************	#####################################	**************************************
TEV. 7000. FT. EK R TRIBS ET DEPLETION = KERTERRETERRETERRETERRETERRETERRETERRE	3000 MONTH 6 7 878.AC *******	DEPLETION (IN 1.53 1.98 3.51 RE FT. ***********************************	IRB, SECHES) YEARLY TO ********** (RR, SE	#####################################	**************************************
ET DEPLETION =	3000 MONTH 6 7 878.AC ********** 10900 MONTH 5 6	DEPLETION (IN 1.53 1.98 3.51 RE FT. ***********************************	IRP。SECHES) YEARLY TO ************************************	#####################################	**************************************
TEV. 7000. FT. EK R TRIBS ET DEPLETION = KERTERRES	3000 MONTH 6 7 878.AC ********* 10900 MONTH 5	DEPLETION (IN 1.53 1.98 3.51 RE FT. ***********************************	IRB。SECHES) YEARLY TO ************************************	######################################	7/15/1981 T. PER ACRE
TEV. 7000. FT. EK R TRIBS ET DEPLETION == ***********************************	3000 MONTH 6 2 878.AC ******** 10900 MONTH 5 6	DEPLETION (IN 1.53 1.98 3.51 RE FT. ***********************************	IRP。SECHES) YEARLY TO ************************************	######################################	**************************************
ET DEPLETION == KRETERRETION == KRETERRETERRETERRETERRETERRETERRETERRE	3000 MONTH 6 2 878.AC ********* 10900 MONTH 5 6 7	DEPLETION (IN 1.53 1.98 3.51 RE FT. TOPPLETION (IN 0.54 4.29 1.50 9.34	IRB。SECHES) YEARLY TO ********** (RR. SE	######################################	**************************************
ET DEPLETION == KRETERRETION == KRETERRETERRETERRETERRETERRETERRETERRE	3000 MONTH 6 2 878.AC ********* 10900 MONTH 5 6 7	DEPLETION (IN 1.53 1.98 3.51 RE FT. TOPPLETION (IN 0.54 4.29 1.50 9.34	IRB。SECHES) YEARLY TO ********** (RR. SE	######################################	**************************************
ET DEPLETION == KRETERRETION == KRETERRETERRETERRETERRETERRETERRETERRE	3000 MONTH 6 2 878.AC ********* 10900 MONTH 5 6 7	DEPLETION (IN 1.53 1.98 3.51 RE FT. TOPPLETION (IN 0.54 4.29 1.50 9.34	IRB。SECHES) YEARLY TO ********** (RR. SE	######################################	**************************************
ET DEPLETION == KRETERRETION == KRETERRETERRETERRETERRETERRETERRETERRE	3000 MONTH 6 2 878.AC ********* 10900 MONTH 5 6 7	DEPLETION (IN 1.53 1.98 3.51 RE FT. TOPPLETION (IN 0.54 4.29 1.50 9.34	IRB。SECHES) YEARLY TO ********** (RR. SE	######################################	**************************************
ET DEPLETION == KRETERRETION == KRETERRETERRETERRETERRETERRETERRETERRE	3000 MONTH 6 2 878.AC ********* 10900 MONTH 5 6 7	DEPLETION (IN 1.53 1.98 3.51 RE FT. TOPPLETION (IN 0.54 4.29 1.50 9.34	IRB。SECHES) YEARLY TO ********** (RR. SE	######################################	*********** 7/15/1981 T. PER ACRE ****** 7/31/1981
ET DEPLETION = ET DEPLETION = ET DEPLETION = ET	3000 MONTH 6 2 878.AC ********* 10900 MONTH 5 6 7	DEPLETION (IN 1.53 1.98 3.51 RE FT. TOPPLETION (IN 0.54 4.29 1.50 9.34	IRB。SECHES) YEARLY TO ********** (RR. SE	######################################	**************************************

ELEV. 7800. FT. TRIBS AB SARVIS 4472. IRR. ACRES , IRR. SEASON 6/ 5/1981 - 7/10/198: DEPLETION (INCHES) нтиом ing ing ing 6 1.47 5.25 YEARLY TOTAL NET DEPLETION = 1955, ACRE FT. 6600. TRE. ACRES TER. SEASON 6/20/1981 -ELEV. 6770. FT. YAMPA R TO ELK MCMTH DEPLETION (INCHES) 1.56 4.13 8 3.19 8.91 YEARLY TOTAL MET DEFLETION = 4900, ACRE 51. 0.742 ACRE FT. PER ACR SLEV. 6800, FT. 4000. TRR. ACRES TEM. SMASHN 6/10/1281 - 7/15/198 THIRS BE SARVIS MONTH DEPLETION (INCHES) 2,97 2,01 4.98 YEARLY TOTAL MET DEPLETION = 1859, ACRE ST. ************************ IRRIGATION TOTALS FOR WATER DISTRICT 58 22275. A.F. NET IRRIGATION DEPLETION 0.623 A.F./ACRE 35772.IRR. ACRES

	IRRIGATION DEPLETION	79892,	
	RESERVOIR EVAPORATION	<u> </u>	
	CHANGE IN RESERVOIR STORAGE	-5857.	
	OUT OF BASIN DIVERSIONS	(27 27 27) () () () () () () () () ()	
	MUNICIPAL+INDUSTRIAL CONSUMPTION	100.	
	MISC. USE OR CORRECTIONS	400 _u	
of the continue and the second of the continue	TOTAL DEPLETION	79505.	to tree to the second and the second to the
		The statement of the st	
•	SUMMARY FOR WATER DISTRICT 43 IN	ACRE-FT	
· .	IRRIGATION DEPLETION	27193.	
,	RESERVOIR EVAPORATION	662	
	CHANGE IN RESERVOIR STORAGE	-97.	
	OUT OF BASIN DIVERSIONS	() _n	
·	MUNICIPAL+INDUSTRIAL CONSUMPTION	4000.	
	MISC. UST OR CORRECTIONS	400.	
	TOTAL DEPLETION	32157.	
	SUMMARY FOR WATER DISTRICT 44 IN	ACRE-FT	
	IRRIGATION DEPLETION	20185.	
	RESERVOIR EVAPORATION	1504.	
	CHANGE IN RESERVOIR STORAGE	30.,	
	OUT OF BASIN DIVERSIONS	() _"	
	MUNICIPAL+INDUSTRIAL CONSUMPTION	9800.	
	MISC. USE OR CORRECTIONS	300.	
·	TOTAL DEFLETION	31899.	

	The Property of A. W. H. St. C. L. W. Leepen, L. Der der de Co. C. L.		W-1
	IRRIGATION DEPLETION	3307.	
	RESERVOIR EVAPORATION	120 .	
	CHANGE IN RESERVOIR STORAGE	() n	
	OUT OF BASIN DIVERSIONS	() n	* 46 v tor or
	MUNICIPAL+INDUSTRIAL CONSUMPTION	() n	
,	MISC. USE OR CORRECTIONS	100.	
err i sen Mario Ma	TOTAL DEPLETION	3527	
	SUMMARY FOR WATER DISTRICT 55 IN	ACRE-FT	
· · · · · ·	IRRIGATION DEPLETION	1897.	
	RESERVOIR EVAPORATION	0	
	CHANGE IN RESERVOIR STORAGE	() ₄	
	OUT OF BASIN DIVERSIONS	0 ,	
	MUNICIPAL+INDUSTRIAL CONSUMPTION	٥.,	
	MISC. USE OR CORRECTIONS	100 ,	and the second second second
	TOTAL DEPLETION	1997.	مندو المورداء المعتداء المالت
	SUMMARY FOR WATER DISTRICT 56 IN	ACRE-FT	
	IRRIGATION DEPLETION	2020	e en Washington
	RESERVOIR EVAPORATION	111 n	**************************************
	CHANGE IN RESERVOIR STORAGE	-100,	
	OUT OF BASIN DIVERSIONS	⟨⟩ "	
	MUNICIPAL+INDUSTRIAL CONSUMPTION	O	
	MISC. USE OR CORRECTIONS	100.	

SUMMARY FOR WATER DISTRICT 57 IN ACRE-FT

IRRIGATION DEPLETION	15996.
RESERVOIR EVAPORATION	554.
CHANGE IN RESERVOIR STORAGE	1417.
OUT OF BASIN DIVERSIONS	719.
MUNICIPAL+INDUSTRIAL CONSUMPTION	5600.
MISC. USE OR CORRECTIONS	100.
TOTAL DEPLETION	24386.

SUMMARY FOR WATER DISTRICT 58 IN ACRE-FT

IRRIGATION DEPLETION	22275.
RESERVOIR EVAPORATION	2718.
CHANGE IN RESERVOIR STORAGE	2851.
OUT OF BASIN DIVERSIONS	1429
MUNICIPAL+INDUSTRIAL CONSUMPTION	1000.
MISC. USE OR CORRECTIONS	300.
TOTAL DEPLETION	27715.

DIVISION 6 BREAKDOWN BY RIVER BASIN

1981

	YAMPA	LITTLE SNAKE	GREEN	WHITE	N PLATTE	COLORADO
IRRIG DPLTN	51853	5204	2820	27193	79892	87070
RES EVAP	4617	120	111	662	3747	5510
CHG. STORAGE	1846	0	-100	9.7	-5857	1649
MUN-IND	14800	0	0	0004	100	18800
TRANS-MIN	1345	0	0	0	1223	1345
MISC	700	200	100	00 +	00 +	1400
OUTFLOW	565050	248270	0009	337200	114400	1156520
BASIN YIELD	640211	253794	8931	369552	193905	1272488
CONS USE	75161	5524	2931	32352	79505	115968
PCT CONS	.1174	.0218	.3282	.0875	00th.	.0911
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166962 FJ. DIVISION 6 TOTAL IRRIGATION DEPLETION IN ACRE

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IRRIGATED ACRES 217747

ACRE FT. PER ACRE .7668

Yampa River outfolw is estimated flow above confluence of Little Snake River. NOTES:

North Platte outflow does not include Big Creek or Encampment River. Little Snake River does not include any uses in Wyoming. Green River does not include mainstem.