DNR Form APA-001
August 2008

STATE OF NEBRASKA
DEPARTMENT OF NATURAL RESOURCES
APPLICATION FOR A PERMIT TO APPROPRIATE WATER

Complete items 1 through 10 by printing in ink or typing the appropriate information and by placing an X in the appropriate box.

For Department Use Only

1. Name and address of owner of land under proposed project. Names must be exactly as described on the deed or document transferring ownership of property. Landowner must sign the application.

Southside Irrigation Company
PO Box 174
Cozad, Nebraska 69130

E-mail address: annck@cozadtel.net Telephone No. (308) 784-2144

2. Name, address, and telephone number of applicant if different than landowner.

Central Platte Natural Resources District
215 Kaufman Avenue (lease holder)
Grand Island, Nebraska 68803

E-mail address: bishop@cpnrd.org Telephone No. (308) 385-6282

Filed in the office of the Department of Natural Resources at 2:48 ~~a.m.~~/p.m.
on June 5, 2012
Application No. A-18923
Map No.
Water Division 1-A
Receipt No. A-3648 Amount 10.00
Right ID 11148

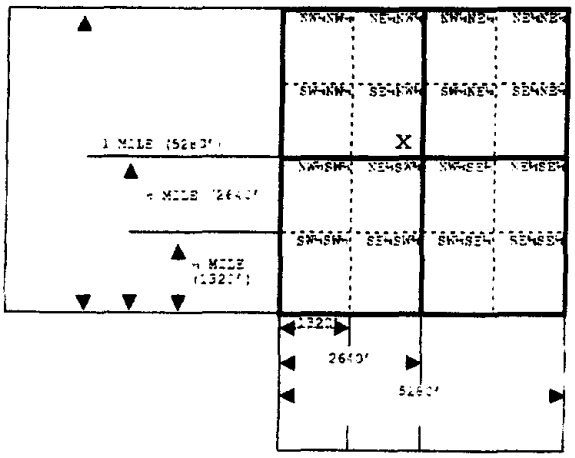
3a. A permit is sought to:
[X] Use natural flow [ ] Use impounded water*

3b. A permit is sought for the purpose of:
[ ] Irrigation [ ] Manufacturing [ ] Domestic
[X] Other Recharge for Platte flow enhanceme
[ ] Temporary**

4a. Identify the source of water (name of stream or reservoir).
Platte River

4b. If applicable, identify the facility name for transporting water from the source (portable pump, name of canal or pipeline).
Orchard-Alfalfa Canal

5. Identify the location of the [ ] Headgate [ ] Pump
Section 9, Township 10 North, Range 24 E [ ] W [X] County Dawson



The box at left represents one square mile (section). Place an X within each appropriate 40-acre tract to indicate the location(s) of each headgate or pump.

If applicable, indicate the height, in feet, of any diversion or check dams on the line below.

* A separate permit to impound water must be obtained.
** A temporary permit maybe granted for a maximum of one year.

SW-06052012-IN APPL

6. If applicable, identify the location of lands by 40-acre subdivisions that will be irrigated.

LEGAL SUBDIVISIONS	Sec.	Twp.	Rge.	No. of Acres	LEGAL SUBDIVISIONS	Sec.	Twp.	Rge.	No. of Acres
					TOTAL NUMBER OF ACRES TO BE IRRIGATED:			0.0	

[ ] Enclosed is an aerial photograph that I have marked to show the approximate location of land to be irrigated as described above.

7. State the approximate quantity of water desired for appropriation. 75

[ ] Gallons per minute
[X] Cubic feet per second
[ ] Acre-feet (impounded water)

8a. State the estimated time required for completion of all water diversion facilities. Completed R.B.

8b. State the earliest date when water will have been used for beneficial purposes. Sept 15, 2011 RB

9. Will this project be constructed under a federal program, receive federal funding, or have federal planning assistance?

[X] No [ ] Yes If yes, explain: _____

10. I certify that am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete and accurate.

6-5-12
Date

Signature of owner or owner's authorized agent (with proper documentation)

A final project map may accompany this application or must be filed within six months following departmental approval of this application, drawn in accordance with NAC Title 457 – Rules for Surface Water, Chapter 10, (http://dnr.ne.gov/SurfaceWater/Title_457_0608.pdf). At the request of the applicant, the Department will assist with preparation of the project map.

This form must be completed in full. An incomplete or defective application will be returned with 90 days being allowed for resubmission. Failure to resubmit a corrected application within this period shall cause dismissal of the application and consequent loss of priority and fees.

A non-refundable filing fee, payable to the Department of Natural Resources, computed from the table below must accompany this application. Forward this application and applicable fees to:

State of Nebraska
Department of Natural Resources
301 Centennial Mall South / P.O. Box 94676
Lincoln, Nebraska 68509-4676
(402) 471-2363

Nature of Use	Cost
Domestic	$10
Agricultural	
Irrigation from Stream	
0-1,000 acres	$200
Each additional 1,000 acre unit or portion thereof in excess of the first 1,000 acre unit	$100
Irrigation from Storage Reservoir	
0-1,000 acres or portion thereof in excess of the first 1,000 acre unit	$50
Each additional 1,000 acre unit or portion thereof in excess of the first 1,000 acre unit	$25

Nature of Use	Cost
Manufacturing	
General	$10
Power Generation for each theoretical 50 horsepower	$5
Other	$10

OTE: This application is for a permanent right as it will take a longer period of time to make a fully beneficial se of the water (LB 962 requires a permanent return to fully appropriated and back to 1997 levels).

NARRATIVE
ON
PUBLIC INTEREST BENEFIT

The water appropriation being sought is for a permanent right to provide the public interest benefits enumerated below. The flows being sought are flows considered "excess" to the flows identified in the Platte River Recovery Implementation Agreement to which the State of Nebraska is a party. A listing of the divertible flows and an explanation of where the numbers came from is attached to this application.

The water right will be used for recharge through the Orchard-Alfalfa Canal and laterals to feed back to the Platte River in order to enhance stream flows. The operational plan will be to begin taking water as early in the spring as available and is practical in order to avoid possible ice problems and then continue, subject to availability, until irrigation season begins. If inadequate water was available prior to irrigation, diversions would continue after irrigation season concludes or demand drops off sufficient to allow the canals to have enough capacity to carry the recharge water. The total annual diversion volumes will vary depending upon flows and availability. Some years there may be little or no availability, but the requested maximum annual diversion from this application is 9000 acre feet.

The Central Platte NRD has conducted seepage runs on both the Cozad Canal and the Thirty – mile Canal with an early indication that the amounts applied for can be recharged through the Canals and laterals without constructing any additional recharge pits or reservoirs . Attached are the results from the Thirty-Mile Canal seepage run. Since soils are similar to soils in the thirty-mile canal area and since thirty–mile canal wraps around the Orchard-Alfalfa canal, it is anticipated the seepage rates in both canals would be similar.

The enhanced stream flows will help return at least two and perhaps three Natural Resources Districts back to 1997 levels of depletions in the Platte River as called for in LB 962 and as agreed to by the State of Nebraska in their agreement with Colorado, Wyoming, and the Department of Interior (PRRIP). The State of Nebraska (Department of Natural Resources) is a party to an inter-local cooperative agreement with the Basin's NRDs that calls for a 60% State, 40% NRD cost-sharing on efforts to return the basin to 1997 levels of depletion.

Enhancing flows through recharge created from "excess" flows is a much more economical way for the State and the NRDs to help get back to 1997 levels than is the retirement of irrigated acres, which is the other major option available. Retirement of irrigated acres not only has a much larger initial cost, but also has a long-term detrimental economic impact to the communities and to the tax base for local and State governments..

The enhanced flows to the Platte River will also help Central Platte NRD and the State of Nebraska return the area between the Lincoln County line and Elm Creek, Nebraska back to fully appropriated as called for in the Basin's and Central Platte NRD's Integrated Management Plans and the State's Groundwater Management and Protection Act.

The **"Basin-Wide Plan for Joint Integrated Water Resources Management of Overappropriated Portions of the Platte River Basin, Nebraska"** has, as Objective 6 of Goal 1, the requirement that each 'NRD's IMP "identify management options that will help to achieve the Goals and Objectives of the Basin Plan" and states, among other things, that "Other options that are not regulatory include, but are not limited to, **augmentation/retiming projects; alternate management of canals; etc., etc."**

The "**Integrated Plan** Jointly developed by the Central Platte Natural Resources and the Nebraska Department of Natural Resources" specifically outlines programs that may be used to meet the needs of Integrated Management of Water and the Platte River Recovery Program requirements to include **"(1) transfer existing surface water appropriations within the District to instream flow appropriations; (2) transfer existing surface water appropriations or apply for new appropriations for intentional recharge, and recovery when applicable, in existing canals during irrigation or non-irrigation seasons; and (3)develop new infrastructure (e.g. dams or canals) that may include intentional recharge projects, and recovery when applicable; and (4) groundwater projects for the purpose of providing net accretions to the river; and (5) contractual agreements between water users**."
In the same section, the IMP goes on to say that the process for Implementing these other programs will include: **"Determine if unappropriated surface water is available at the necessary time, in the right location, and in the correct amount, or determine if it can be appropriately relocated or retimed."**

To summarize, the permanent appropriation will be used for recharge to the regional ground water supplies through the Cozad Canal and laterals in order to flow back to, and enhance, the Platte River flows that will:

- Help return Central Platte NRD to 1997 levels of depletion in the Platte River, and
- Help return Twin Platte NRD to 1997 levels of depletion in the section of the river between the Tri-County Diversion and the Dawson County line (see support letter), and
- Potentially assist Tri-Basin NRD in returning to 1997 levels of depletion in the Platte River, and
- Assist the State of Nebraska (DNR) with their commitment to assist (financially and other) in returning the Platte River to 1997 levels of depletion, and
- Increase fish and wildlife habitat in the Platte River by increasing flows during times of need, and
- Allow Central Platte and the State (DNR) to meet their commitments to return the Dawson County and western Buffalo County areas to "fully" appropriated from their current "over appropriated" condition, and
- Assist with the PRRIP's efforts to increase flows in the Platte River to assist the threatened and endangered species and their associated habitat (see support letter), and,
- Improve the flows of the Platte River as it passes the wellfields of Kearney, Grand Island, Fremont, Lincoln, Omaha and other smaller communities, and
- Reduce considerably the number of irrigated acres that would have to be retired in order to meet the flow requirements, and thereby
- Greatly lessen any detrimental impacts on the economy of the basin, it's communities and industries whose well-being depends directly or indirectly upon irrigated agriculture, and
- Greatly lessen the detrimental impact on the local tax base that supports the cities, counties, schools, NRDs, and other local forms of government, and
- Lessens the economic impact upon the State of Nebraska by limiting the detrimental impact from lost irrigated acres on reduced sales and income tax.

The water right requested in this application not only provides the economic, environmental and social benefits outlined above, it is compatible with the Basin and the Central Platte NRD's Integrated Management Plans.

For these reasons, and because the project, along with the other two canal project applications accompanying this application will provide a greater and broader economic, environmental and social benefit than any other use of the water, it is in the public's interest to grant a permanent appropriation.

LEASE AGREEMENT FOR CANALS AND LATERALS

This Lease Agreement for Canals and Laterals ("Agreement") is made and entered into on this ___day of _____, 2011, between the Central Platte Natural Resources District ("CPNRD"), a political subdivision of the State of Nebraska, and the Southside Irrigation Company ("Company"), a Nebraska nonprofit corporation, collectively referred to herein as the "Parties."

RECITALS

WHEREAS, CPNRD is a political subdivision of the State of Nebraska, duly authorized to lease real and personal property and manage water pursuant to the laws of the State of Nebraska;

WHEREAS, CPNRD also desires, pursuant to the Platte River Cooperative Agreement, to provide water to the Platte River for state and local purposes;

WHEREAS, Company is a Nebraska nonprofit corporation, in good standing, that owns certain irrigation canals and laterals located near the Platte River;

WHEREAS, CPNRD desires to obtain new appropriations from the Nebraska Department of Natural Resources for excess flows and utilize the Company's irrigation canals and laterals to provide recharge to the groundwater that may augment the flows of the Platte River;

NOW, THEREFORE, in consideration of the mutual considerations, covenants and representations contained herein, the receipt and sufficiency of which both parties acknowledge, the Parties agree as follows:

1. Company agrees to lease the use of its irrigation canals and laterals to CPNRD to provide recharge and flow augmentation for State and local purposes.

2. CPNRD agrees to apply for appropriations from the Nebraska Department of Natural Resources for excess flows to utilize the Company's canals and laterals for recharge and flow augmentation purposes.

3. CPNRD desires to enter agreements for flow augmentation with willing parties. CPNRD agrees to pay Company one-half of all such payments received from any Party with whom CPNRD enters into an agreement for flow augmentation resulting from the use of the Company's canals. Such payments shall be made as soon as practicable following the receipt of funds by CPNRD.

4. This Agreement shall be in full force and effect for a period of 99 years from the date of signing, or until such time as the parties mutually agree to terminate the same.

5. In the event CPNRD is unable to enter any agreements for the water from its excess flow appropriations that will be diverted into the Company's irrigation canals and laterals, this Agreement shall be null and void.

6. CPNRD agrees to provide adequate notice of each time that it intends to divert excess flows into the Company's canals and laterals and to obtain agreement from the Company concerning the timing and manner of its diversions of excess flows into the Company's canals and laterals, so as to avoid conflicts with maintenance, rehabilitation and other work planned by the Company, and to further avoid conflicts with the Company's primary obligation of delivery of irrigation water to its irrigators.

7. CPNRD will not seek to operate the canals and laterals for its projects unless a lease agreement for flow augmentation has been entered with third parties to ensure payment to the Company that exceeds the costs incurred by the Company associated with the operation of the canals and laterals for CPNRD's project.

8. CPNRD will indemnify and hold the Company harmless from any claims of liability from third parties arising from diversion of excess flows into the Company's canals and laterals under this Agreement. The Company will be responsible for any liability arising from the negligence of its employees or representatives.

9. Company agrees that, during the diversion of excess flows into the Company's canals and laterals under this Agreement, it will operate its canals and laterals to achieve the objectives of the recharge and streamflow augmentation projects of CPNRD.

IN WITNESS HEREOF, the Parties have executed this Agreement on this date set forth above.

Central Platte Natural Resources District, a political subdivision of the State of Nebraska

BY: _____

Title: _____

Southside Irrigation Company, a Nebraska Nonprofit Corporation

BY: _____

Title: President

PLATTE RIVER
RECOVERY IMPLEMENTATION PROGRAM

Office of the Executive Director
4111 4th Avenue, Suite 6
Kearney, NE 68847
Phone: (308) 237-5728
Fax: (308) 237-4651

August 4, 2011

Mr. Ron Bishop
General Manager
Central Platte Natural Resources District
215 N. Kaufman Avenue
Grand Island, NE 68803

RE: Potential water leasing arrangements between Central Platte Natural Resources District (CPNRD) and the Platte River Recovery Implementation Program (Program)

Dear Mr. Bishop:

This letter is to serve as a follow-up to a series of meetings that you and I and other members of our respective staffs have had over roughly the past 12 to 15 months. The most recent of which was on July 21, 2011 in your offices.

This letter provides written confirmation that the Program is very interested in pursuing leasing arrangements with CPNRD for water currently diverted from the Platte River and used for agricultural purposes. Specific ditches that have been discussed include the Cozad, Orchard-Alfalfa, and Thirty Mile Canals. I understand that several steps must be accomplished between CPNRD and the canal companies before detailed discussions can productively occur between CPNRD and the Program. Among these steps are the following: contractual arrangements between CPNRD and some or all of these canals must be finalized, approvals of the contracts granted by your Board and theirs, and applications for water rights use transfers must be filed with the Nebraska Department of Natural Resources (NDNR). Further, that an application may be made to the NDNR for a leave to file a variance to allow diversion of excess flows available at certain times of the year at these canals for environmental purposes.

The Program continues to have a strong interest in developing a long-term leasing arrangement that would provide revenue to CPNRD and the canal companies in exchange for water delivered to the river. The water could be returned in the form of diverted water that was immediately returned to the river during the normal diversion season and/or water that was intentionally recharged through seepage from the canals and made its way back to the river as additional groundwater gain or was actively pumped into the river.

While many steps and many details are yet to be worked through, the Program remains strongly interested in working with CPNRD to reach a mutually beneficial leasing arrangement. I look forward to continuing to work with you and your staff to accomplish this.

Sincerely,

Jerry F. Kenny

Jerry F. Kenny, Ph.D.
Executive Director
Platte River Recovery Implementation Program

TWIN PLATTE
NATURAL RESOURCES DISTRICT

August 5, 2011

Ron Bishop
General Manager
Central Platte Natural Resources District
215 N Kaufman Avenue
Grand Island, NE 68803

RE: Thirty Mile Canal and the Cozad Canal

Dear Ron

The Twin Platte Natural Resources District (TPNRD) would like to enter into a long term lease with the Central Platte Natural Resources District for up to 700 acre-feet of water annually from the Orchard-Alfalfa Canal.

The TPNRD Integrated Management Plan (IMP) requires the TPNRD to implement measures within the first ten year increment to offset an average annual depletion rate of 7,700 acre-feet to the river for the period 2043-2048 for depletions due to water use initiated after July 1, 1997.

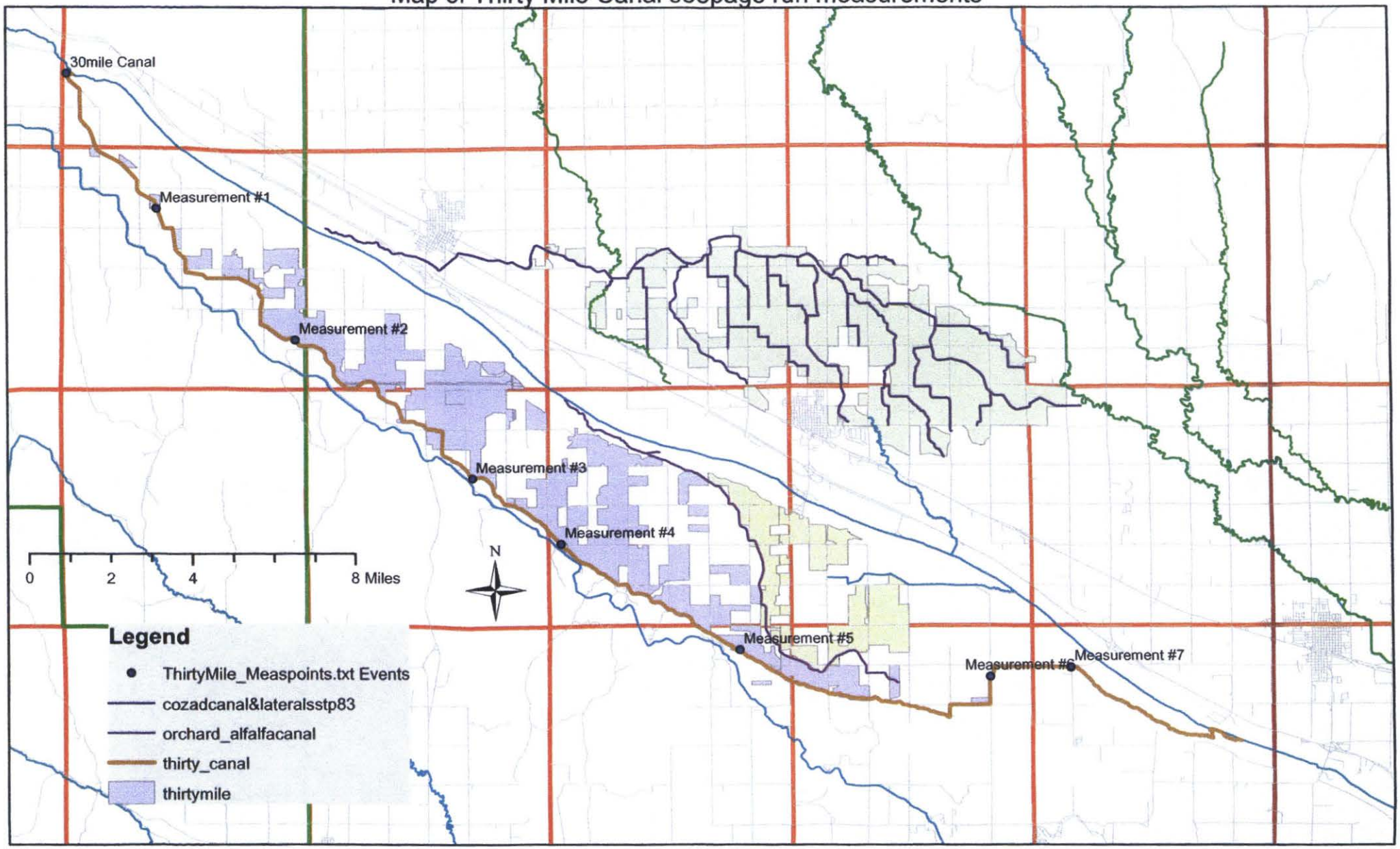
The 700 acre-feet of water annually would help provide the TPNRD the 1500 acre feet offset water required below the city of North Platte, NE.

Sincerely

Kent O. Miller, P.E.
General Manager

Great Western Bank Center
111 South Dewey Street - 2nd Floor - P O Box 1347 - North Platte, Nebraska 69103-1347
Phone (308) 535-8080
www.tpnrd.org

Map of Thirty Mile Canal seepage run measurements



July losses						Average cfs	meters	feet	cfs/foot/day
Inflow CFS	Site 2	Outflow	Diversion 1	Loss or Gain		**Loss or Gain**	Reach Length	Reach Length	Loss
198	Measurement #1	231.00000	0	-33.00000		-30.5	6,917	22,686	-0.001344424
231	Measurement #2	180.00000	2.45972863	48.54027		48.6	9,161	30,048	0.001617098
180	Measurement #3	124.00000	30.7978522	25.20215		19.8	10,745	35,244	0.00056301
124	Measurement #4	83.40000	19.0383887	21.56161		23.3	4,676	15,337	0.00151818
83.4	Measurement #5	26.40000	17.3673774	39.63262		32.7	8,693	28,513	0.001146794
26.4	Measurement#6	2.25000	4.38918967	19.76081		14.3	3,476	11,401	0.001255322
2.25	Measurement #7	3.70070	0	-1.45070		-2.3	727	2,385	-0.000951738
						106.0			0.000543463
Inflow CFS	Site 2	Outflow	Diversion 1	Loss or Gain					
11.2	Stanley Lateral #2	8.26000	2.8741	0.0659					
8.26	Stanley Lateral #3	7.30000	0	0.9600					
7.3	Stanley Lateral #4	3.31000	3.03010048	0.9599					
3.31	Stanley Lateral #5	3.10000	0	0.2100					
Inflow CFS	Site 2	Outflow	Diversion 1	Loss or Gain					
7.98	Comeca East Lateral #2	4.73000	1.73785175	1.512148252					
4.73	Comeca East Lateral #3	4.71000	0	0.02					
August losses									
Inflow CFS	Site 2	Outflow	Diversion 1	Loss or Gain					
168	30M Msr 1	196	0	-28					
196	30M Msr 2	144	3.3576187	48.6423813					
144	30M Msr 3	95.6	33.9164635	14.48353653					
95.6	30M Msr 4	60.4	10.1936181	25.00638193					
60.4	30M Msr 5	14.7	19.9365289	25.76347111					
14.7	30M Msr 6	2.36	3.4757035	8.864296504					
2.36	30M Msr 7	5.45	0	-3.09					
7.52	30M Stanley Lateral Rtn	2.69	42.8831816	-38.05318159					

Determining Divertible Flow Excess at Brady and Cozad

The excess flows for the stream gaging stations at Brady, NE and Cozad, NE were developed by the Platte River program for the 1947 thru 1994 period. This period was used by the Platte River program to determine water available for planning program projects. The OPSTUDY tool was used for determining the water accounting of projects in the Platte Basin. Recorded daily flows at Grand Island, Overton, Odessa, Cozad, Brady and North Platte where adjusted based on OPSTUDY baseline conditions.

Assumptions use in determining excess flows include

Hydrology	OPStudy Adjusted Present Condition w/Three States Projects w/out pulse
Period	1947-1994
Timestep	Daily Analysis
Excesses Calculated As	Flows in excess of the maximum of Program target flows and the Nebraska Game and Parks and central Platte NRD instream flows
Targets	Appendix A-5 "cfs" (col 4)

To determine divertible water at 25, 50, 75, 100, 150, and 200 CFS on monthly bases we counted the number of days in each month from 1947 thru 1994 that water was in excess. The number of days was then multiplied by diversion rate and converted to a volume in acre feet. If the diversion volume was greater than the excess flow volume available that month the divertible volume was limited to the excess volume.

Excess at Cozad

	March	April	May	June	September	October	November	Total
Years	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
	Water Available							
Average	16,384	24,056	53,664	69,656	4,885	10,056	12,983	191,683
	Water Divertable at 25 cfs							
Average	548	565	768	516	328	309	775	3,809
	Water divertable at 50 CFS							
Average	1,095	1,127	1,535	1,029	648	618	1,549	7,601
	Water divertable at 75 CFS							
Average	1,639	1,688	2,285	1,535	951	926	2,323	11,347
	Water divertable at 100 CFS							
Average	2,184	2,244	2,998	2,025	1,231	1,234	3,086	15,001
	Water divertable at 150 CFS							
Average	3,272	3,330	4,356	2,992	1,753	1,833	4,594	22,131
	Water divertable at 200 CFS							
Average	4,347	4,385	5,603	3,944	2,225	2,368	6,030	28,901

Excess at Brady

	March	April	May	June	September	October	November	Total
Years	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
	Water Available							
Average	13,670	22,312	51,035	66,661	3,979	9,045	11,154	177,856
	Water Divertable at 25 cfs							
Average	548	565	647	472	267	309	775	3,583
	Water divertable at 50 CFS							
Average	1,095	1,127	1,262	943	534	618	1,549	7,127
	Water divertable at 75 CFS							
Average	1,637	1,688	1,871	1,404	776	926	2,322	10,625
	Water divertable at 100 CFS							
Average	2,180	2,244	2,444	1,850	984	1,234	3,082	14,017
	Water divertable at 150 CFS							
Average	3,264	3,329	3,482	2,711	1,308	1,775	4,443	20,312
	Water divertable at 200 CFS							
Average	4,330	4,371	4,471	3,571	1,579	2,169	5,482	25,972

Excess instream flow at Cozad

Table contains sum of excess days in month

Sum of DaysExcess	Month												
Year	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	Grand Total
1947	28.0	16.0	7.0	19.0	15.0	10.0	31.0	6.0	0.0	17.0	24.0	31.0	204.0
1948	28.0	18.0	20.0	11.0	0.0	6.0	6.0	3.0	0.0	0.0	8.0	26.0	126.0
1949	30.0	3.0	18.0	25.0	14.0	15.0	31.0	0.0	10.0	16.0	23.0	26.0	211.0
1950	31.0	19.0	15.0	5.0	14.0	0.0	12.0	1.0	4.0	31.0	10.0	23.0	165.0
1951	27.0	10.0	3.0	2.0	10.0	11.0	30.0	2.0	30.0	31.0	23.0	31.0	210.0
1952	31.0	15.0	24.0	28.0	14.0	0.0	7.0	0.0	0.0	0.0	11.0	31.0	161.0
1953	31.0	15.0	16.0	30.0	31.0	18.0	0.0	0.0	0.0	0.0	20.0	28.0	189.0
1954	31.0	20.0	3.0	2.0	31.0	0.0	0.0	4.0	0.0	0.0	15.0	27.0	133.0
1955	27.0	3.0	6.0	0.0	5.0	4.0	0.0	0.0	0.0	0.0	5.0	11.0	61.0
1956	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	15.0	45.0
1957	4.0	6.0	0.0	2.0	21.0	30.0	31.0	0.0	19.0	16.0	20.0	30.0	179.0
1958	31.0	0.0	13.0	14.0	16.0	19.0	22.0	0.0	0.0	0.0	14.0	20.0	149.0
1959	17.0	11.0	26.0	30.0	31.0	30.0	4.0	0.0	0.0	0.0	20.0	31.0	200.0
1960	23.0	14.0	14.0	8.0	15.0	8.0	2.0	0.0	0.0	0.0	15.0	24.0	123.0
1961	31.0	16.0	7.0	7.0	22.0	30.0	4.0	5.0	0.0	0.0	26.0	26.0	174.0
1962	28.0	15.0	16.0	3.0	0.0	18.0	22.0	9.0	0.0	0.0	15.0	18.0	144.0
1963	31.0	27.0	21.0	16.0	31.0	21.0	0.0	0.0	10.0	0.0	15.0	26.0	198.0
1964	31.0	13.0	9.0	27.0	31.0	0.0	0.0	0.0	0.0	0.0	10.0	20.0	141.0
1965	1.0	0.0	1.0	0.0	3.0	10.0	31.0	2.0	28.0	23.0	15.0	31.0	145.0
1966	21.0	16.0	16.0	7.0	14.0	0.0	0.0	0.0	0.0	0.0	13.0	13.0	100.0
1967	23.0	5.0	0.0	0.0	0.0	22.0	23.0	4.0	0.0	0.0	15.0	24.0	116.0
1968	23.0	9.0	0.0	0.0	5.0	7.0	3.0	6.0	0.0	3.0	15.0	12.0	83.0
1969	30.0	2.0	12.0	4.0	13.0	10.0	31.0	0.0	5.0	9.0	28.0	29.0	173.0
1970	31.0	19.0	12.0	18.0	15.0	7.0	13.0	0.0	14.0	0.0	13.0	11.0	153.0
1971	19.0	7.0	12.0	14.0	14.0	30.0	17.0	0.0	7.0	1.0	26.0	31.0	178.0
1972	15.0	27.0	16.0	12.0	11.0	0.0	0.0	12.0	1.0	0.0	15.0	17.0	126.0
1973	31.0	20.0	8.0	30.0	31.0	30.0	15.0	5.0	18.0	31.0	30.0	31.0	280.0
1974	31.0	28.0	16.0	30.0	19.0	2.0	0.0	0.0	0.0	0.0	15.0	20.0	161.0
1975	27.0	3.0	7.0	0.0	19.0	10.0	5.0	4.0	4.0	0.0	15.0	31.0	125.0
1976	31.0	23.0	17.0	27.0	31.0	7.0	0.0	0.0	8.0	0.0	11.0	20.0	175.0
1977	0.0	0.0	0.0	10.0	11.0	3.0	0.0	0.0	0.0	0.0	15.0	22.0	61.0
1978	0.0	0.0	12.0	6.0	19.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	42.0
1979	1.0	0.0	16.0	1.0	14.0	10.0	24.0	5.0	0.0	0.0	15.0	30.0	116.0
1980	23.0	18.0	22.0	11.0	31.0	30.0	5.0	3.0	9.0	0.0	13.0	14.0	179.0
1981	31.0	1.0	0.0	0.0	15.0	26.0	4.0	13.0	5.0	0.0	15.0	23.0	133.0
1982	6.0	0.0	2.0	0.0	3.0	1.0	0.0	0.0	1.0	6.0	15.0	31.0	65.0
1983	31.0	19.0	13.0	30.0	31.0	30.0	31.0	1.0	15.0	31.0	28.0	26.0	286.0
1984	31.0	29.0	31.0	30.0	31.0	30.0	18.0	0.0	26.0	25.0	30.0	31.0	312.0
1985	28.0	25.0	22.0	30.0	15.0	8.0	5.0	6.0	23.0	17.0	12.0	31.0	222.0

Divertable at 25 cfs								
March	April	May	June	Sept	October	Novembe	Total	
Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	
347	942	744	496	0	843	1,190	4,562	
992	545	0	298	0	0	397	2,231	
893	1,240	694	744	496	793	1,140	6,000	
744	248	694	0	198	1,537	496	3,917	
149	99	496	545	1,488	1,537	1,140	5,455	
1,190	1,388	694	0	0	0	545	3,818	
793	1,488	1,537	893	0	0	992	5,702	
149	99	1,537	0	0	0	744	2,529	
298	0	248	198	0	0	248	992	
0	0	0	0	0	0	248	248	
0	99	1,041	1,488	942	793	992	5,355	
645	694	793	942	0	0	694	3,769	
1,289	1,488	1,537	1,488	0	0	992	6,793	
694	397	744	397	0	0	744	2,975	
347	347	1,091	1,488	0	0	1,289	4,562	
793	149	0	893	0	0	744	2,579	
1,041	793	1,537	1,041	496	0	744	5,653	
446	1,339	1,537	0	0	0	496	3,818	
50	0	149	496	1,388	1,140	744	3,967	
793	347	694	0	0	0	645	2,479	
0	0	0	1,091	0	0	744	1,835	
0	0	248	347	0	149	744	1,488	
595	198	645	496	248	446	1,388	4,017	
595	893	744	347	694	0	645	3,917	
595	694	694	1,488	347	50	1,289	5,157	
793	595	545	0	50	0	744	2,727	
397	1,488	1,537	1,488	893	1,537	1,488	8,826	
793	1,488	942	99	0	0	744	4,066	
347	0	942	496	198	0	744	2,727	
843	1,339	1,537	347	397	0	545	5,008	
0	496	545	149	0	0	744	1,934	
595	298	942	0	0	0	248	2,083	
793	50	694	496	0	0	744	2,777	
1,091	545	1,537	1,488	446	0	645	5,752	
0	0	744	1,289	248	0	744	3,025	
99	0	149	50	50	298	744	1,388	
645	1,488	1,537	1,488	744	1,537	1,388	8,826	
1,537	1,488	1,537	1,488	1,289	1,240	1,488	10,066	
1,091	1,488	744	397	1,140	843	595	6,298	

Divertable at 50 cfs	
March	April
Acre-feet	Acre-feet
694	1,884
1,983	1,091
1,785	2,479
1,488	496
298	198
2,380	2,777
1,587	2,975
298	198
595	0
0	0
0	198
1,289	1,388
2,579	2,975
1,388	793
694	694
1,587	298
2,083	1,587
893	2,678
99	0
1,587	694
0	0
0	0
1,190	397
1,190	1,785
1,190	1,388
1,587	1,190
793	2,975
1,587	2,975
694	0
1,686	2,678
0	992
1,190	595
1,587	99
2,182	1,091
0	0
198	0
1,289	2,975
3,074	2,975
2,182	2,975

Excess instream flow at Cozad

Table contains sum of excess days in month

Sum of DaysExcess	Month												
Year	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	Grand Total
1986	31.0	18.0	15.0	24.0	19.0	28.0	12.0	0.0	22.0	22.0	23.0	31.0	245.0
1987	31.0	14.0	16.0	30.0	20.0	28.0	23.0	0.0	28.0	20.0	20.0	25.0	255.0
1988	31.0	27.0	9.0	3.0	17.0	0.0	13.0	8.0	15.0	0.0	15.0	28.0	166.0
1989	23.0	0.0	5.0	0.0	9.0	6.0	15.0	2.0	30.0	0.0	10.0	4.0	104.0
1990	31.0	1.0	0.0	0.0	12.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	45.0
1991	24.0	12.0	5.0	0.0	8.0	21.0	0.0	2.0	0.0	0.0	17.0	27.0	116.0
1992	17.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	2.0	18.0	43.0
1993	29.0	0.0	21.0	1.0	7.0	8.0	25.0	16.0	18.0	0.0	11.0	20.0	156.0
1994	12.0	0.0	6.0	0.0	9.0	0.0	16.0	0.0	0.0	0.0	15.0	13.0	71.0
Grand Total	1,148.0	544.0	530.0	547.0	747.0	584.0	537.0	120.0	350.0	299.0	751.0	1,088.0	7,245.0

Divertable at 25 cfs									Divertable at 50 cfs	
March	April	May	June	Sept	October	Novembe	Total		March	April
Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet		Acre-feet	Acre-feet
744	1,190	942	1,388	1,091	1,091	1,140	7,587		1,488	2,380
793	1,488	992	1,388	1,388	992	992	8,033		1,587	2,975
446	149	843	0	744	0	744	2,926		893	298
248	0	446	298	1,488	0	496	2,975		496	0
0	0	595	0	0	0	0	595		0	0
248	0	397	1,041	0	0	843	2,529		496	0
0	0	0	0	0	0	99	99		0	0
1,041	50	347	397	893	0	545	3,273		2,083	99
298	0	446	0	0	0	744	1,488		595	0
26,281	27,124	37,041	28,959	17,355	14,826	37,240	188,826		52,562	54,248

						75								100						
						Divertable at 75 cfs								Divertable at 100 cfs						
May	June	Sept	October	Novembe	Total	March	April	May	June	Sept	October	Novembe	Total	March	April	May	June	Sept	October	Novembe
Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
1,488	992	0	1,686	2,380	18,248	1,041	2,826	2,231	1,488	0	2,529	3,570	13,686	1,388	3,769	2,975	1,983	0	3,372	4,760
0	595	0	0	793	8,926	2,975	1,636	0	893	0	0	1,190	6,694	3,967	2,182	0	1,190	0	0	1,587
1,388	1,488	992	1,587	2,281	24,000	2,678	3,719	2,083	2,231	1,488	2,380	3,421	18,000	3,570	4,959	2,777	2,975	1,983	3,174	4,562
1,388	0	397	3,074	992	15,669	2,231	744	2,083	0	595	4,612	1,488	11,752	2,975	992	2,777	0	793	6,149	1,983
992	1,091	2,975	3,074	2,281	21,818	446	298	1,488	1,636	4,463	4,612	3,421	16,364	595	397	1,983	2,182	5,950	6,149	4,562
1,388	0	0	0	1,091	15,273	3,570	4,165	2,083	0	0	0	1,636	11,455	4,760	5,554	2,777	0	0	0	2,182
3,074	1,785	0	0	1,983	22,810	2,380	4,463	4,612	2,678	0	0	2,975	17,107	3,174	5,950	6,149	3,570	0	0	3,967
3,074	0	0	0	1,488	10,116	446	298	4,612	0	0	0	2,231	7,587	595	397	6,149	0	0	0	2,975
496	397	0	0	496	3,967	893	0	744	595	0	0	744	2,975	1,190	0	992	793	0	0	992
0	0	0	0	496	992	0	0	0	0	0	0	744	744	0	0	0	0	0	0	992
2,083	2,975	1,884	1,587	1,983	21,421	0	298	3,124	4,463	2,826	2,380	2,975	16,066	0	397	4,165	5,950	3,769	3,174	3,967
1,587	1,884	0	0	1,388	15,074	1,934	2,083	2,380	2,826	0	0	2,083	11,306	2,579	2,777	3,174	3,769	0	0	2,777
3,074	2,975	0	0	1,983	27,174	3,868	4,463	4,612	4,463	0	0	2,975	20,380	5,157	5,950	6,149	5,950	0	0	3,967
1,488	793	0	0	1,488	11,901	2,083	1,190	2,231	1,190	0	0	2,231	8,926	2,777	1,587	2,975	1,587	0	0	2,975
2,182	2,975	0	0	2,579	18,248	1,041	1,041	3,273	4,463	0	0	3,868	13,686	1,388	1,388	4,364	5,950	0	0	5,157
0	1,785	0	0	1,488	10,314	2,380	446	0	2,678	0	0	2,231	7,736	3,174	595	0	3,570	0	0	2,975
3,074	2,083	992	0	1,488	22,612	3,124	2,380	4,612	3,124	1,488	0	2,231	16,959	4,165	3,174	6,149	4,165	1,983	0	2,975
3,074	0	0	0	992	15,273	1,339	4,017	4,612	0	0	0	1,488	11,455	1,785	5,355	6,149	0	0	0	1,983
298	992	2,777	2,281	1,488	15,868	149	0	446	1,488	4,165	3,421	2,231	11,901	198	0	595	1,983	5,554	4,562	2,975
1,388	0	0	0	1,289	9,917	2,380	1,041	2,083	0	0	0	1,934	7,438	3,174	1,388	2,777	0	0	0	2,579
0	2,182	0	0	1,488	7,339	0	0	0	3,273	0	0	2,231	5,504	0	0	0	4,364	0	0	2,975
496	694	0	298	1,488	5,950	0	0	744	1,041	0	446	2,231	4,463	0	0	992	1,388	0	595	2,975
1,289	992	496	893	2,777	16,066	1,785	595	1,934	1,488	744	1,339	4,165	12,050	2,380	793	2,579	1,983	992	1,785	5,554
1,488	694	1,388	0	1,289	15,669	1,785	2,678	2,231	1,041	2,083	0	1,934	11,752	2,380	3,570	2,975	1,388	2,777	0	2,579
1,388	2,975	694	99	2,579	20,628	1,785	2,083	2,083	4,463	1,041	149	3,868	15,471	2,380	2,777	2,777	5,950	1,388	198	5,157
1,091	0	99	0	1,488	10,909	2,380	1,785	1,636	0	149	0	2,231	8,182	3,174	2,380	2,182	0	198	0	2,975
3,074	2,975	1,785	3,074	2,975	35,306	1,190	4,463	4,612	4,463	2,678	4,612	4,463	26,479	1,587	5,950	6,149	5,950	3,570	6,149	5,950
1,884	198	0	0	1,488	16,264	2,380	4,463	2,826	298	0	0	2,231	12,198	3,174	5,950	3,769	397	0	0	2,975
1,884	992	397	0	1,488	10,909	1,041	0	2,826	1,488	595	0	2,231	8,182	1,388	0	3,769	1,983	793	0	2,975
3,074	694	793	0	1,091	20,033	2,529	4,017	4,612	1,041	1,190	0	1,636	15,025	3,372	5,355	6,149	1,388	1,587	0	2,182
1,091	298	0	0	1,488	7,736	0	1,488	1,636	446	0	0	2,231	5,802	0	1,983	2,182	595	0	0	2,975
1,884	0	0	0	496	8,331	1,785	893	2,826	0	0	0	744	6,248	2,380	1,190	3,769	0	0	0	992
1,388	992	0	0	1,488	11,107	2,380	149	2,083	1,488	0	0	2,231	8,331	3,174	198	2,777	1,983	0	0	2,975
3,074	2,975	893	0	1,289	23,008	3,273	1,636	4,612	4,463	1,339	0	1,934	17,256	4,364	2,182	6,149	5,950	1,785	0	2,579
1,488	2,579	496	0	1,488	12,099	0	0	2,231	3,868	744	0	2,231	9,074	0	0	2,975	5,157	992	0	2,975
298	99	99	595	1,488	5,554	298	0	446	149	149	893	2,231	4,165	397	0	595	198	198	1,190	2,975
3,074	2,975	1,488	3,074	2,777	35,306	1,934	4,463	4,612	4,463	2,231	4,612	4,165	26,479	2,579	5,950	6,149	5,950	2,975	6,149	5,554
3,074	2,975	2,579	2,479	2,975	40,264	4,612	4,463	4,612	4,463	3,868	3,719	4,463	30,198	6,149	5,950	6,149	5,950	5,157	4,959	5,950
1,488	793	2,281	1,686	1,190	25,190	3,273	4,463	2,231	1,190	3,421	2,529	1,785	18,893	4,364	5,950	2,975	1,587	4,562	3,372	2,380

75														100							
Divertable at 75 cfs														Divertable at 100 cfs							
May	June	Sept	October	Novembe	Total	March	April	May	June	Sept	October	Novembe	Total	March	April	May	June	Sept	October	Novembe	
Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	
1,884	2,777	2,182	2,182	2,281	30,347	2,231	3,570	2,826	4,165	3,273	3,273	3,421	22,760	2,975	4,760	3,769	5,554	4,364	4,364	4,562	
1,983	2,777	2,777	1,983	1,983	32,132	2,380	4,463	2,975	4,165	4,165	2,975	2,975	24,099	3,174	5,950	3,967	5,554	5,554	3,967	3,967	
1,686	0	1,488	0	1,488	11,702	1,339	446	2,529	0	2,231	0	2,231	8,777	1,785	595	3,372	0	2,975	0	2,975	
893	595	2,975	0	992	11,901	744	0	1,339	893	4,463	0	1,488	8,926	992	0	1,785	1,190	5,950	0	1,983	
1,190	0	0	0	0	2,380	0	0	1,785	0	0	0	0	1,785	0	0	2,380	0	0	0	0	
793	2,083	0	0	1,686	10,116	744	0	1,190	3,124	0	0	2,529	7,587	992	0	1,587	4,165	0	0	3,372	
0	0	0	0	198	397	0	0	0	0	0	0	298	298	0	0	0	0	0	0	397	
694	793	1,785	0	1,091	13,091	3,124	149	1,041	1,190	2,678	0	1,636	9,818	4,165	198	1,388	1,587	3,570	0	2,182	
893	0	0	0	1,488	5,950	893	0	1,339	0	0	0	2,231	4,463	1,190	0	1,785	0	0	0	2,975	
74,083	57,917	34,711	29,653	74,479	755,305	78,843	81,372	111,124	86,876	52,066	44,479	111,719	566,479	105,124	108,496	148,165	115,835	69,421	59,306	148,959	

	150								200							
	Divertable at 150 cfs								Divertable at 200 cfs							
Total	March	April	May	June	Sept	October	Novembe	Total	March	April	May	June	Sept	October	Novembe	Total
Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
18,248	2,083	5,653	4,463	2,975	0	5,058	7,140	27,372	2,777	7,537	5,950	3,967	0	6,744	9,521	36,496
8,926	5,950	3,273	0	1,785	0	0	2,380	13,388	7,934	4,364	0	2,380	0	0	3,174	17,851
24,000	5,355	7,438	4,165	4,463	2,975	4,760	6,843	36,000	7,140	9,917	5,554	5,950	3,967	6,347	9,124	48,000
15,669	4,463	1,488	4,165	0	1,190	9,223	2,975	23,504	5,950	1,983	5,554	0	1,587	12,298	3,967	31,339
21,818	893	595	2,975	3,273	8,926	9,223	6,843	32,727	1,190	793	3,967	4,364	11,901	12,298	9,124	43,636
15,273	7,140	8,331	4,165	0	0	0	3,273	22,909	9,521	11,107	5,554	0	0	0	4,364	30,545
22,810	4,760	8,926	9,223	5,355	0	0	5,950	34,215	6,347	11,901	12,298	7,140	0	0	7,934	45,620
10,116	893	595	9,223	0	0	0	4,463	15,174	1,190	793	12,298	0	0	0	5,950	20,231
3,967	1,785	0	1,488	1,190	0	0	1,488	5,950	2,380	0	1,983	1,587	0	0	1,983	7,934
992	0	0	0	0	0	0	1,488	1,488	0	0	0	0	0	0	1,983	1,983
21,421	0	595	6,248	8,926	5,653	4,760	5,950	32,132	0	793	8,331	11,901	7,537	6,347	7,934	42,843
15,074	3,868	4,165	4,760	5,653	0	0	4,165	22,612	5,157	5,554	6,347	7,537	0	0	5,554	30,149
27,174	7,736	8,926	9,223	8,926	0	0	5,950	40,760	10,314	11,901	12,298	11,901	0	0	7,934	54,347
11,901	4,165	2,380	4,463	2,380	0	0	4,463	17,851	5,554	3,174	5,950	3,174	0	0	5,950	23,802
18,248	2,083	2,083	6,545	8,926	0	0	7,736	27,372	2,777	2,777	8,727	11,901	0	0	10,314	36,496
10,314	4,760	893	0	5,355	0	0	4,463	15,471	6,347	1,190	0	7,140	0	0	5,950	20,628
22,612	6,248	4,760	9,223	6,248	2,975	0	4,463	33,917	8,331	6,347	12,298	8,331	3,967	0	5,950	45,223
15,273	2,678	8,033	9,223	0	0	0	2,975	22,909	3,570	10,711	12,298	0	0	0	3,967	30,545
15,868	298	0	893	2,975	8,331	6,843	4,463	23,802	397	0	1,190	3,967	11,107	9,124	5,950	31,736
9,917	4,760	2,083	4,165	0	0	0	3,868	14,876	6,347	2,777	5,554	0	0	0	5,157	19,835
7,339	0	0	0	6,545	0	0	4,463	11,008	0	0	0	8,727	0	0	5,950	14,678
5,950	0	0	1,488	2,083	0	893	4,463	8,926	0	0	1,983	2,777	0	1,190	5,950	11,901
16,066	3,570	1,190	3,868	2,975	1,488	2,678	8,331	24,099	4,760	1,587	5,157	3,967	1,983	3,570	11,107	32,132
15,669	3,570	5,355	4,463	2,083	4,165	0	3,868	23,504	4,760	7,140	5,950	2,777	5,554	0	5,157	31,339
20,628	3,570	4,165	4,165	8,926	2,083	298	7,736	30,942	4,760	5,554	5,554	11,901	2,777	397	10,314	41,256
10,909	4,760	3,570	3,273	0	298	0	4,463	16,364	6,347	4,760	4,364	0	397	0	5,950	21,818
35,306	2,380	8,926	9,223	8,926	5,355	9,223	8,926	52,959	3,174	11,901	12,298	11,901	7,140	12,298	11,901	70,612
16,264	4,760	8,926	5,653	595	0	0	4,463	24,397	6,347	11,901	7,537	793	0	0	5,950	32,529
10,909	2,083	0	5,653	2,975	1,190	0	4,463	16,364	2,777	0	7,537	3,967	1,587	0	5,950	21,818
20,033	5,058	8,033	9,223	2,083	2,380	0	3,273	30,050	6,744	10,711	12,298	2,777	3,174	0	4,364	40,066
7,736	0	2,975	3,273	893	0	0	4,463	11,603	0	3,967	4,364	1,190	0	0	5,950	15,471
8,331	3,570	1,785	5,653	0	0	0	1,488	12,496	4,760	2,380	7,537	0	0	0	1,983	16,661
11,107	4,760	298	4,165	2,975	0	0	4,463	16,661	6,347	397	5,554	3,967	0	0	5,950	22,215
23,008	6,545	3,273	9,223	8,926	2,678	0	3,868	34,512	8,727	4,364	12,298	11,901	3,570	0	5,157	46,017
12,099	0	0	4,463	7,736	1,488	0	4,463	18,149	0	0	5,950	10,314	1,983	0	5,950	24,198
5,554	595	0	893	298	298	1,785	4,463	8,331	793	0	1,190	397	397	2,380	5,950	11,107
35,306	3,868	8,926	9,223	8,926	4,463	9,223	8,331	52,959	5,157	11,901	12,298	11,901	5,950	12,298	11,107	70,612
40,264	9,223	8,926	9,223	8,926	7,736	7,438	8,926	60,397	12,298	11,901	12,298	11,901	10,314	9,917	11,901	80,529
25,190	6,545	8,926	4,463	2,380	6,843	5,058	3,570	37,785	8,727	11,901	5,950	3,174	9,124	6,744	4,760	50,380

	150								200							
	Divertable at 150 cfs								Divertable at 200 cfs							
Total	March	April	May	June	Sept	October	Novembe	Total	March	April	May	June	Sept	October	Novembe	Total
Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
30,347	4,463	7,140	5,653	8,331	6,545	6,545	6,843	45,521	5,950	9,521	7,537	11,107	8,727	8,727	9,124	60,694
32,132	4,760	8,926	5,950	8,331	8,331	5,950	5,950	48,198	6,347	11,901	7,934	11,107	11,107	7,934	7,934	64,264
11,702	2,678	893	5,058	0	4,463	0	4,463	17,554	3,570	1,190	6,744	0	5,950	0	5,950	23,405
11,901	1,488	0	2,678	1,785	8,926	0	2,975	17,851	1,983	0	3,570	2,380	11,901	0	3,967	23,802
2,380	0	0	3,570	0	0	0	0	3,570	0	0	4,760	0	0	0	0	4,760
10,116	1,488	0	2,380	6,248	0	0	5,058	15,174	1,983	0	3,174	8,331	0	0	6,744	20,231
397	0	0	0	0	0	0	595	595	0	0	0	0	0	0	793	793
13,091	6,248	298	2,083	2,380	5,355	0	3,273	19,636	8,331	397	2,777	3,174	7,140	0	4,364	26,182
5,950	1,785	0	2,678	0	0	0	4,463	8,926	2,380	0	3,570	0	0	0	5,950	11,901
755,305	157,686	162,744	222,248	173,752	104,132	88,959	223,438	1,132,958	210,248	216,992	296,330	231,669	138,843	118,612	297,917	1,510,611

Excess at Cozad

Water Available

Years	March Acre-feet	April Acre-feet	May Acre-feet	June Acre-feet	September Acre-feet	October Acre-feet	November Acre-feet	Total Acre-feet		
1947	5,770	19,172	10,937	81,404	0	5,490	19,954	142,727		
1948	67,634	5,723	0	3,186	0	0	5,320	81,864		
1949	31,880	38,553	19,948	151,281	2,479	8,083	11,849	264,074		
1950	9,940	744	14,796	0	303	12,491	4,780	43,054		
1951	296	488	12,053	18,428	98,420	24,867	24,151	178,702		
1952	89,663	59,121	9,895	0	0	0	4,771	163,451		
1953	11,978	20,269	20,009	36	0	0	11,552	63,843		
1954	895	809	12,296	0	0	0	5,734	19,734		
1955	4,284	0	86	385	0	0	1,908	6,663		
1956	0	0	0	0	0	0	845	845		
1957	0	516	70,518	84,988	3,370	7,419	11,107	177,918		
1958	16,445	17,222	32,350	26,442	0	0	8,949	101,409		
1959	27,243	35,907	35,442	60	0	0	12,516	111,168		
1960	33,717	10,062	13,545	3,929	0	0	6,750	68,003		
1961	6,710	2,475	23,490	45,376	0	0	17,088	95,139		
1962	21,076	2,444	0	39,259	0	0	6,719	69,498		
1963	14,612	11,294	3,824	3,466	6,726	0	7,620	47,542		
1964	5,921	15,211	13,031	0	0	0	2,571	36,734		
1965	266	0	2,652	47,407	23,792	25,765	14,027	113,909		
1966	8,962	2,281	2,861	0	0	0	3,917	18,022		
1967	0	0	0	31,051	0	0	5,978	37,029		
1968	0	0	1,434	3,429	0	1,208	6,202	12,273		
1969	11,179	936	15,527	39,749	434	3,146	20,227	91,199		
1970	6,139	15,923	19,369	38,711	6	0	5,542	85,690		
1971	5,443	12,555	24,670	237,286	14	129	23,851	303,949		
1972	9,837	11,496	18,973	0	19	0	11,855	52,180		
1973	3,951	78,411	585,576	494,826	6,345	161,776	93,566	1,424,451		
1974	58,896	208,346	40,850	793	0	0	11,339	320,224		
1975	3,122	0	3,159	21,388	71	0	5,556	33,296		
1976	11,254	13,035	8,926	2	696	0	4,205	38,119		
1977	0	11,300	6,855	294	0	0	7,666	26,114		
1978	19,521	4,816	6,865	0	0	0	1,624	32,826		
1979	11,730	56	5,028	91,759	0	0	6,724	115,297		
1980	29,431	2,511	293,024	180,881	0	0	5,687	511,533		
1981	0	0	6,775	28	798	0	7,107	14,708		
1982	855	0	518	111	184	2,445	9,602	13,715		
1983	10,257	38,527	288,980	942,813	8,164	129,691	25,214	1,443,645		
1984	86,709	296,999	805,961	508,203	29,663	68,095	113,385	1,909,015		
1985	32,654	79,702	15,582	10,334	7,948	6,526	6,729	159,474		
1986	10,446	32,926	56,553	161,472	10,941	20,406	22,044	314,787		
1987	57,675	104,348	38,860	58,116	12,272	5,146	15,826	292,244		
1988	7,675	180	14,636	0	2,001	0	9,239	33,731		
1989	2,809	0	1,423	0	12,327	0	1,609	18,168		
1990	0	0	4,606	0	0	0	0	4,606		
1991	1,716	0	9,519	14,140	0	0	6,301	31,676		
1992	0	0	0	0	0	0	79	79		
1993	42,916	345	2,398	2,442	7,486	0	6,892	62,479		
1994	4,923	0	2,096	0	0	0	6,984	14,003		
Total	786,430	1,154,703	2,575,895	3,343,474	234,460	482,682	623,164	9,200,807		
Average	16,384	24,056	53,664	69,656	4,885	10,056	12,983	191,683		

	Water Divertable at 25 cfs							
	March	April	May	June	Sept	October	November	Total
Years	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
1947	347	942	744	496	0	843	1,190	4,562
1948	992	545	0	298	0	0	397	2,231
1949	893	1,240	694	744	496	793	1,140	6,000
1950	744	248	694	0	198	1,537	496	3,917
1951	149	99	496	545	1,488	1,537	1,140	5,455
1952	1,190	1,388	694	0	0	0	545	3,818
1953	793	1,488	1,537	36	0	0	992	4,846
1954	149	99	1,537	0	0	0	744	2,529
1955	298	0	86	198	0	0	248	829
1956	0	0	0	0	0	0	248	248
1957	0	99	1,041	1,488	942	793	992	5,355
1958	645	694	793	942	0	0	694	3,769
1959	1,289	1,488	1,537	60	0	0	992	5,366
1960	694	397	744	397	0	0	744	2,975
1961	347	347	1,091	1,488	0	0	1,289	4,562
1962	793	149	0	893	0	0	744	2,579
1963	1,041	793	1,537	1,041	496	0	744	5,653
1964	446	1,339	1,537	0	0	0	496	3,818
1965	50	0	149	496	1,388	1,140	744	3,967
1966	793	347	694	0	0	0	645	2,479
1967	0	0	0	1,091	0	0	744	1,835
1968	0	0	248	347	0	149	744	1,488
1969	595	198	645	496	248	446	1,388	4,017
1970	595	893	744	347	6	0	645	3,229
1971	595	694	694	1,488	14	50	1,289	4,824
1972	793	595	545	0	19	0	744	2,697
1973	397	1,488	1,537	1,488	893	1,537	1,488	8,826
1974	793	1,488	942	99	0	0	744	4,066
1975	347	0	942	496	71	0	744	2,600
1976	843	1,339	1,537	2	397	0	545	4,663
1977	0	496	545	149	0	0	744	1,934
1978	595	298	942	0	0	0	248	2,083
1979	793	50	694	496	0	0	744	2,777
1980	1,091	545	1,537	1,488	0	0	645	5,306
1981	0	0	744	28	248	0	744	1,764
1982	99	0	149	50	50	298	744	1,388
1983	645	1,488	1,537	1,488	744	1,537	1,388	8,826
1984	1,537	1,488	1,537	1,488	1,289	1,240	1,488	10,066
1985	1,091	1,488	744	397	1,140	843	595	6,298
1986	744	1,190	942	1,388	1,091	1,091	1,140	7,587
1987	793	1,488	992	1,388	1,388	992	992	8,033
1988	446	149	843	0	744	0	744	2,926
1989	248	0	446	0	1,488	0	496	2,678
1990	0	0	595	0	0	0	0	595
1991	248	0	397	1,041	0	0	843	2,529
1992	0	0	0	0	0	0	79	79
1993	1,041	50	347	397	893	0	545	3,273
1994	298	0	446	0	0	0	744	1,488
Total	26,281	27,124	36,879	24,771	15,730	14,826	37,220	182,831
Average	548	565	768	516	328	309	775	3,809

Water divertable at 50 CFS

	March	April	May	June	Sept	October	November	Total
Years	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
1947	694	1,884	1,488	992	0	1,686	2,380	9,124
1948	1,983	1,091	0	595	0	0	793	4,463
1949	1,785	2,479	1,388	1,488	992	1,587	2,281	12,000
1950	1,488	496	1,388	0	303	3,074	992	7,741
1951	296	198	992	1,091	2,975	3,074	2,281	10,907
1952	2,380	2,777	1,388	0	0	0	1,091	7,636
1953	1,587	2,975	3,074	36	0	0	1,983	9,656
1954	298	198	3,074	0	0	0	1,488	5,058
1955	595	0	86	385	0	0	496	1,561
1956	0	0	0	0	0	0	496	496
1957	0	198	2,083	2,975	1,884	1,587	1,983	10,711
1958	1,289	1,388	1,587	1,884	0	0	1,388	7,537
1959	2,579	2,975	3,074	60	0	0	1,983	10,672
1960	1,388	793	1,488	793	0	0	1,488	5,950
1961	694	694	2,182	2,975	0	0	2,579	9,124
1962	1,587	298	0	1,785	0	0	1,488	5,157
1963	2,083	1,587	3,074	2,083	992	0	1,488	11,306
1964	893	2,678	3,074	0	0	0	992	7,636
1965	99	0	298	992	2,777	2,281	1,488	7,934
1966	1,587	694	1,388	0	0	0	1,289	4,959
1967	0	0	0	2,182	0	0	1,488	3,669
1968	0	0	496	694	0	298	1,488	2,975
1969	1,190	397	1,289	992	434	893	2,777	7,972
1970	1,190	1,785	1,488	694	6	0	1,289	6,452
1971	1,190	1,388	1,388	2,975	14	99	2,579	9,634
1972	1,587	1,190	1,091	0	19	0	1,488	5,374
1973	793	2,975	3,074	2,975	1,785	3,074	2,975	17,653
1974	1,587	2,975	1,884	198	0	0	1,488	8,132
1975	694	0	1,884	992	71	0	1,488	5,129
1976	1,686	2,678	3,074	2	696	0	1,091	9,227
1977	0	992	1,091	294	0	0	1,488	3,864
1978	1,190	595	1,884	0	0	0	496	4,165
1979	1,587	56	1,388	992	0	0	1,488	5,510
1980	2,182	1,091	3,074	2,975	0	0	1,289	10,612
1981	0	0	1,488	28	496	0	1,488	3,500
1982	198	0	298	99	99	595	1,488	2,777
1983	1,289	2,975	3,074	2,975	1,488	3,074	2,777	17,653
1984	3,074	2,975	3,074	2,975	2,579	2,479	2,975	20,132
1985	2,182	2,975	1,488	793	2,281	1,686	1,190	12,595
1986	1,488	2,380	1,884	2,777	2,182	2,182	2,281	15,174
1987	1,587	2,975	1,983	2,777	2,777	1,983	1,983	16,066
1988	893	180	1,686	0	1,488	0	1,488	5,734
1989	496	0	893	0	2,975	0	992	5,356
1990	0	0	1,190	0	0	0	0	1,190
1991	496	0	793	2,083	0	0	1,686	5,058
1992	0	0	0	0	0	0	79	79
1993	2,083	99	694	793	1,785	0	1,091	6,545
1994	595	0	893	0	0	0	1,488	2,975
Total	52,560	54,087	73,672	49,400	31,098	29,653	74,360	364,830
Average	1,095	1,127	1,535	1,029	648	618	1,549	7,601

Water divertable at 75 CFS

	March	April	May	June	Sept	October	November	Total
Years	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
1947	1,041	2,826	2,231	1,488	0	2,529	3,570	13,686
1948	2,975	1,636	0	893	0	0	1,190	6,694
1949	2,678	3,719	2,083	2,231	1,488	2,380	3,421	18,000
1950	2,231	744	2,083	0	303	4,612	1,488	11,460
1951	296	298	1,488	1,636	4,463	4,612	3,421	16,213
1952	3,570	4,165	2,083	0	0	0	1,636	11,455
1953	2,380	4,463	4,612	36	0	0	2,975	14,465
1954	446	298	4,612	0	0	0	2,231	7,587
1955	893	0	86	385	0	0	744	2,107
1956	0	0	0	0	0	0	744	744
1957	0	298	3,124	4,463	2,826	2,380	2,975	16,066
1958	1,934	2,083	2,380	2,826	0	0	2,083	11,306
1959	3,868	4,463	4,612	60	0	0	2,975	15,978
1960	2,083	1,190	2,231	1,190	0	0	2,231	8,926
1961	1,041	1,041	3,273	4,463	0	0	3,868	13,686
1962	2,380	446	0	2,678	0	0	2,231	7,736
1963	3,124	2,380	3,824	3,124	1,488	0	2,231	16,171
1964	1,339	4,017	4,612	0	0	0	1,488	11,455
1965	149	0	446	1,488	4,165	3,421	2,231	11,901
1966	2,380	1,041	2,083	0	0	0	1,934	7,438
1967	0	0	0	3,273	0	0	2,231	5,504
1968	0	0	744	1,041	0	446	2,231	4,463
1969	1,785	595	1,934	1,488	434	1,339	4,165	11,740
1970	1,785	2,678	2,231	1,041	6	0	1,934	9,676
1971	1,785	2,083	2,083	4,463	14	129	3,868	14,424
1972	2,380	1,785	1,636	0	19	0	2,231	8,052
1973	1,190	4,463	4,612	4,463	2,678	4,612	4,463	26,479
1974	2,380	4,463	2,826	298	0	0	2,231	12,198
1975	1,041	0	2,826	1,488	71	0	2,231	7,658
1976	2,529	4,017	4,612	2	696	0	1,636	13,491
1977	0	1,488	1,636	294	0	0	2,231	5,649
1978	1,785	893	2,826	0	0	0	744	6,248
1979	2,380	56	2,083	1,488	0	0	2,231	8,237
1980	3,273	1,636	4,612	4,463	0	0	1,934	15,918
1981	0	0	2,231	28	744	0	2,231	5,235
1982	298	0	446	111	149	893	2,231	4,128
1983	1,934	4,463	4,612	4,463	2,231	4,612	4,165	26,479
1984	4,612	4,463	4,612	4,463	3,868	3,719	4,463	30,198
1985	3,273	4,463	2,231	1,190	3,421	2,529	1,785	18,893
1986	2,231	3,570	2,826	4,165	3,273	3,273	3,421	22,760
1987	2,380	4,463	2,975	4,165	4,165	2,975	2,975	24,099
1988	1,339	180	2,529	0	2,001	0	2,231	8,281
1989	744	0	1,339	0	4,463	0	1,488	8,033
1990	0	0	1,785	0	0	0	0	1,785
1991	744	0	1,190	3,124	0	0	2,529	7,587
1992	0	0	0	0	0	0	79	79
1993	3,124	149	1,041	1,190	2,678	0	1,636	9,818
1994	893	0	1,339	0	0	0	2,231	4,463
Total	78,692	81,013	109,678	73,659	45,645	44,459	111,501	544,648
Average	1,639	1,688	2,285	1,535	951	926	2,323	11,347

Water divertable at 100 CFS

	March	April	May	June	Sept	October	November	Total
Years	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
1947	1,388	3,769	2,975	1,983	0	3,372	4,760	18,248
1948	3,967	2,182	0	1,190	0	0	1,587	8,926
1949	3,570	4,959	2,777	2,975	1,983	3,174	4,562	24,000
1950	2,975	744	2,777	0	303	6,149	1,983	14,932
1951	296	397	1,983	2,182	5,950	6,149	4,562	21,519
1952	4,760	5,554	2,777	0	0	0	2,182	15,273
1953	3,174	5,950	6,149	36	0	0	3,967	19,275
1954	595	397	6,149	0	0	0	2,975	10,116
1955	1,190	0	86	385	0	0	992	2,652
1956	0	0	0	0	0	0	845	845
1957	0	397	4,165	5,950	3,370	3,174	3,967	21,023
1958	2,579	2,777	3,174	3,769	0	0	2,777	15,074
1959	5,157	5,950	6,149	60	0	0	3,967	21,283
1960	2,777	1,587	2,975	1,587	0	0	2,975	11,901
1961	1,388	1,388	4,364	5,950	0	0	5,157	18,248
1962	3,174	595	0	3,570	0	0	2,975	10,314
1963	4,165	3,174	3,824	3,466	1,983	0	2,975	19,587
1964	1,785	5,355	6,149	0	0	0	1,983	15,273
1965	198	0	595	1,983	5,554	4,562	2,975	15,868
1966	3,174	1,388	2,777	0	0	0	2,579	9,917
1967	0	0	0	4,364	0	0	2,975	7,339
1968	0	0	992	1,388	0	595	2,975	5,950
1969	2,380	793	2,579	1,983	434	1,785	5,554	15,509
1970	2,380	3,570	2,975	1,388	6	0	2,579	12,899
1971	2,380	2,777	2,777	5,950	14	129	5,157	19,184
1972	3,174	2,380	2,182	0	19	0	2,975	10,730
1973	1,587	5,950	6,149	5,950	3,570	6,149	5,950	35,306
1974	3,174	5,950	3,769	397	0	0	2,975	16,264
1975	1,388	0	3,159	1,983	71	0	2,975	9,577
1976	3,372	5,355	6,149	2	696	0	2,182	17,756
1977	0	1,983	2,182	294	0	0	2,975	7,434
1978	2,380	1,190	3,769	0	0	0	992	8,331
1979	3,174	56	2,777	1,983	0	0	2,975	10,965
1980	4,364	2,182	6,149	5,950	0	0	2,579	21,223
1981	0	0	2,975	28	798	0	2,975	6,777
1982	397	0	518	111	184	1,190	2,975	5,375
1983	2,579	5,950	6,149	5,950	2,975	6,149	5,554	35,306
1984	6,149	5,950	6,149	5,950	5,157	4,959	5,950	40,264
1985	4,364	5,950	2,975	1,587	4,562	3,372	2,380	25,190
1986	2,975	4,760	3,769	5,554	4,364	4,364	4,562	30,347
1987	3,174	5,950	3,967	5,554	5,554	3,967	3,967	32,132
1988	1,785	180	3,372	0	2,001	0	2,975	10,314
1989	992	0	1,423	0	5,950	0	1,609	9,974
1990	0	0	2,380	0	0	0	0	2,380
1991	992	0	1,587	4,165	0	0	3,372	10,116
1992	0	0	0	0	0	0	79	79
1993	4,165	198	1,388	1,587	3,570	0	2,182	13,091
1994	1,190	0	1,785	0	0	0	2,975	5,950
Total	104,824	107,691	143,886	97,208	59,071	59,236	148,120	720,036
Average	2,184	2,244	2,998	2,025	1,231	1,234	3,086	15,001

Water divertable at 150 CFS

	March	April	May	June	Sept	October	November	Total
Years	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
1947	2,083	5,653	4,463	2,975	0	5,058	7,140	27,372
1948	5,950	3,273	0	1,785	0	0	2,380	13,388
1949	5,355	7,438	4,165	4,463	2,479	4,760	6,843	35,504
1950	4,463	744	4,165	0	303	9,223	2,975	21,874
1951	296	488	2,975	3,273	8,926	9,223	6,843	32,023
1952	7,140	8,331	4,165	0	0	0	3,273	22,909
1953	4,760	8,926	9,223	36	0	0	5,950	28,895
1954	893	595	9,223	0	0	0	4,463	15,174
1955	1,785	0	86	385	0	0	1,488	3,743
1956	0	0	0	0	0	0	845	845
1957	0	516	6,248	8,926	3,370	4,760	5,950	29,770
1958	3,868	4,165	4,760	5,653	0	0	4,165	22,612
1959	7,736	8,926	9,223	60	0	0	5,950	31,895
1960	4,165	2,380	4,463	2,380	0	0	4,463	17,851
1961	2,083	2,083	6,545	8,926	0	0	7,736	27,372
1962	4,760	893	0	5,355	0	0	4,463	15,471
1963	6,248	4,760	3,824	3,466	2,975	0	4,463	25,736
1964	2,678	8,033	9,223	0	0	0	2,571	22,504
1965	266	0	893	2,975	8,331	6,843	4,463	23,770
1966	4,760	2,083	2,861	0	0	0	3,868	13,572
1967	0	0	0	6,545	0	0	4,463	11,008
1968	0	0	1,434	2,083	0	893	4,463	8,872
1969	3,570	936	3,868	2,975	434	2,678	8,331	22,792
1970	3,570	5,355	4,463	2,083	6	0	3,868	19,345
1971	3,570	4,165	4,165	8,926	14	129	7,736	28,705
1972	4,760	3,570	3,273	0	19	0	4,463	16,085
1973	2,380	8,926	9,223	8,926	5,355	9,223	8,926	52,959
1974	4,760	8,926	5,653	595	0	0	4,463	24,397
1975	2,083	0	3,159	2,975	71	0	4,463	12,751
1976	5,058	8,033	8,926	2	696	0	3,273	25,988
1977	0	2,975	3,273	294	0	0	4,463	11,004
1978	3,570	1,785	5,653	0	0	0	1,488	12,496
1979	4,760	56	4,165	2,975	0	0	4,463	16,419
1980	6,545	2,511	9,223	8,926	0	0	3,868	31,073
1981	0	0	4,463	28	798	0	4,463	9,752
1982	595	0	518	111	184	1,785	4,463	7,656
1983	3,868	8,926	9,223	8,926	4,463	9,223	8,331	52,959
1984	9,223	8,926	9,223	8,926	7,736	7,438	8,926	60,397
1985	6,545	8,926	4,463	2,380	6,843	5,058	3,570	37,785
1986	4,463	7,140	5,653	8,331	6,545	6,545	6,843	45,521
1987	4,760	8,926	5,950	8,331	8,331	5,146	5,950	47,394
1988	2,678	180	5,058	0	2,001	0	4,463	14,380
1989	1,488	0	1,423	0	8,926	0	1,609	13,445
1990	0	0	3,570	0	0	0	0	3,570
1991	1,488	0	2,380	6,248	0	0	5,058	15,174
1992	0	0	0	0	0	0	79	79
1993	6,248	298	2,083	2,380	5,355	0	3,273	19,636
1994	1,785	0	2,096	0	0	0	4,463	8,344
Total	157,057	159,844	209,088	143,621	84,162	87,986	220,508	1,062,266
Average	3,272	3,330	4,356	2,992	1,753	1,833	4,594	22,131

Water divertable at 200 CFS

	March	April	May	June	Sept	October	November	Total
Years	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet	Acre-feet
1947	2,777	7,537	5,950	3,967	0	5,490	9,521	35,242
1948	7,934	4,364	0	2,380	0	0	3,174	17,851
1949	7,140	9,917	5,554	5,950	2,479	6,347	9,124	46,512
1950	5,950	744	5,554	0	303	12,298	3,967	28,816
1951	296	488	3,967	4,364	11,901	12,298	9,124	42,436
1952	9,521	11,107	5,554	0	0	0	4,364	30,545
1953	6,347	11,901	12,298	36	0	0	7,934	38,515
1954	895	793	12,296	0	0	0	5,734	19,718
1955	2,380	0	86	385	0	0	1,908	4,759
1956	0	0	0	0	0	0	845	845
1957	0	516	8,331	11,901	3,370	6,347	7,934	38,398
1958	5,157	5,554	6,347	7,537	0	0	5,554	30,149
1959	10,314	11,901	12,298	60	0	0	7,934	42,507
1960	5,554	3,174	5,950	3,174	0	0	5,950	23,802
1961	2,777	2,475	8,727	11,901	0	0	10,314	36,194
1962	6,347	1,190	0	7,140	0	0	5,950	20,628
1963	8,331	6,347	3,824	3,466	3,967	0	5,950	31,885
1964	3,570	10,711	12,298	0	0	0	2,571	29,149
1965	266	0	1,190	3,967	11,107	9,124	5,950	31,605
1966	6,347	2,281	2,861	0	0	0	3,917	15,407
1967	0	0	0	8,727	0	0	5,950	14,678
1968	0	0	1,434	2,777	0	1,190	5,950	11,351
1969	4,760	936	5,157	3,967	434	3,146	11,107	29,508
1970	4,760	7,140	5,950	2,777	6	0	5,157	25,791
1971	4,760	5,554	5,554	11,901	14	129	10,314	38,225
1972	6,347	4,760	4,364	0	19	0	5,950	21,441
1973	3,174	11,901	12,298	11,901	6,345	12,298	11,901	69,816
1974	6,347	11,901	7,537	793	0	0	5,950	32,529
1975	2,777	0	3,159	3,967	71	0	5,556	15,530
1976	6,744	10,711	8,926	2	696	0	4,205	31,284
1977	0	3,967	4,364	294	0	0	5,950	14,575
1978	4,760	2,380	6,865	0	0	0	1,624	15,629
1979	6,347	56	5,028	3,967	0	0	5,950	21,348
1980	8,727	2,511	12,298	11,901	0	0	5,157	40,594
1981	0	0	5,950	28	798	0	5,950	12,727
1982	793	0	518	111	184	2,380	5,950	9,937
1983	5,157	11,901	12,298	11,901	5,950	12,298	11,107	70,612
1984	12,298	11,901	12,298	11,901	10,314	9,917	11,901	80,529
1985	8,727	11,901	5,950	3,174	7,948	6,526	4,760	48,986
1986	5,950	9,521	7,537	11,107	8,727	8,727	9,124	60,694
1987	6,347	11,901	7,934	11,107	11,107	5,146	7,934	61,477
1988	3,570	180	6,744	0	2,001	0	5,950	18,446
1989	1,983	0	1,423	0	11,901	0	1,609	16,916
1990	0	0	4,606	0	0	0	0	4,606
1991	1,716	0	3,174	8,331	0	0	6,301	19,521
1992	0	0	0	0	0	0	79	79
1993	8,331	345	2,398	2,442	7,140	0	4,364	25,019
1994	2,380	0	2,096	0	0	0	5,950	10,427
Total	208,659	210,466	268,940	189,302	106,786	113,660	289,424	1,387,237
Average	4,347	4,385	5,603	3,944	2,225	2,368	6,030	28,901