Annual Operating Plans

North Platte River Area

Water Year 1995 - 1996

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

U.S. DEPT. OF THE INTERIOR
BUREAU OF RECLAMATION
GREAT PLAINS REGION

United States Department of the Interior

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MEMORANDUM

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Attention: W-6335

From: John H. Lawson
Area Manager, Mills WY

Subject: Annual Operating Plans (AOP) - North Platte River Area

Attached for your use is a copy of the report titled "Annual Operating Plans, North Platte River Area, Water Year 1995-1996". The 1996-1997 Annual Operating Plan will be distributed by January 15, 1997.

JOHN H. LAWSON

Attachments

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PREFACE

This report concerns the operation of all Bureau of Reclamation (Reclamation) facilities in the North Platte River Drainage Basin above and including Guernsey Dam as well as the four Inland Lakes near Scottsbluff, Nebraska. This area of the North Platte River Drainage Basin is simply referred to in this report as the Basin.

All references to average in this document will refer to the average of the historical record for the years 1965-1994 unless noted otherwise. In each coming year this period will be advanced by 1 year to maintain a running 30-year average.

INTRODUCTION

The System of dams, reservoirs, and powerplants on the North Platte River (referred to as the "System" in this text) is monitored and in most cases operated and managed from the Wyoming Area Office in Mills, Wyoming. The operation and management of the System is aided by the use of a Programmable Master Supervisory Control, computerized accounting process, extensive Hydromet stations, control crest measurement weirs at gaging stations, SNOTEL stations, and a snowmelt runoff forecasting procedure which is used by the Water Management Branch. The System consists of a number of individual water resource projects that were planned and constructed by Reclamation. The individual projects and features are operated as an integrated system to achieve efficiency and to produce increased multipurpose benefits. The drainage basin which affects the System covers an area from northern Colorado to southeastern Wyoming, encompassing 16,224 square miles. Storage reservoirs affected by the System include four off stream reservoirs known as the Inland Lakes in western Nebraska as shown in figure 21.

Approximately 70 to 80 percent of the annual North Platte River streamflow above Seminoe Dam occurs from snowmelt runoff during the April-July period. Primary water demand is irrigation, and the period of delivery of irrigation water normally extends from May through September. The System furnishes irrigation water to over 440,000 acres of land in Wyoming and Nebraska.

The System includes the Kendrick Project in Wyoming; the North Platte Project in Wyoming and Nebraska; and the Kortes and Glendo Units of the Pick-Sloan Missouri Basin Program in Wyoming and Nebraska. Major rivers which affect the water supply in the System are the North Platte River in Colorado and Wyoming, and the Medicine Bow, and Sweetwater Rivers in Wyoming.

The System has seven main stem reservoirs six of which have powerplants with a generating capacity totaling 234.2 megawatts (MW). The Department of Energy, by Executive order dated October 1, 1977, assumed the responsibility of marketing power from Federal resources and operation and maintenance of federal transmission facilities. Table 1 depicts reservoir data.

Western Area Power Administration (WAPA) of the Department of Energy, headquartered in Golden, Colorado, now operates and maintains the nearly 3,500 miles of interconnected electrical transmission lines within the System. The power generating facilities are also interconnected with other federal, public, and private power facilities. Bulk power from Reclamation Powerplants is marketed by WAPA.

SYSTEM PLANNING AND CONTROL

The North Platte River storage, power generation, and water delivery facilities are operated for irrigation, hydroelectric power production, municipal and industrial water supply, providing instream flows in the section of the river below Kortes Dam known as the Miracle Mile and also below Gray Reef Dam, flood control, recreation, fish and wildlife preservation, and other purposes. Each project of the System must be operated under the purposes for which it was authorized and constructed. The objective of an integrated system is to obtain optimum benefits from the individual projects.

The System's integrated operation is planned and coordinated by Reclamation's Water Management Branch of the Wyoming Area Office in Mills, Wyoming. This office collects and analyzes information daily and makes the decisions necessary for successful operation of the System. The continuous water management function involves coordination between Reclamation, the Department of Energy, and many other local, state, and federal agencies. When water levels rise into the exclusive flood control pool at Glendo Reservoir, the flood control operation of Glendo Dam is directed by the U.S. Army Corps of Engineers, Omaha District, Omaha, Nebraska.

Experience has proven that proper utilization of the available water resource in a system such as this can be achieved only through careful budgeting of the anticipated water supply. The technical end product of this budgeting process is an Annual Operating Plan (AOP).

The System is operated on a water year basis (October 1 through September 30). Early in the water year an AOP is prepared, reviewed, and presented to the public. AOPs are prepared for reasonable maximum and reasonable minimum conditions of water supply and requirements as well as for the most probable runoff conditions. The System is operated to optimize the most probable water supply and still allow changes in operation should either reasonable maximum or reasonable minimum water supply conditions occur. This flexibility is the basis of the plan. Reclamation makes use of computer programs to revise and adjust the operating plan each month to reflect changing conditions. A computerized process of forecasting the anticipated water supply also aids the revision process during the months of February, March, April and May.

Figure 1 depicts total storage at the end of September for the North Platte Basin.

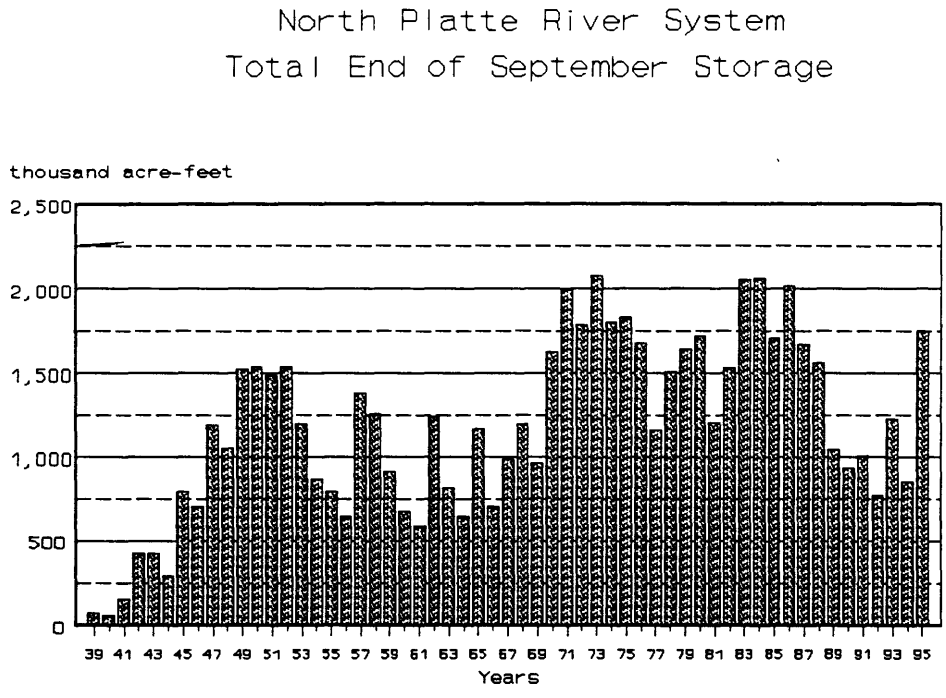


figure 1

Table 1
NORTH PLATTE RIVER

RESERVOIR DATA

(Data in Acre-Feet)

Reservoir	Dead Storage[1]	Active Storage[2]	Total Storage	Normal Minimum Storage	Limitation on normal minimum storage
Seminoe	556	1,016,717	1,017,273	31,670	Minimum elevation for power generation
Kortes	151	4,588	4,739	1,666	Minimum elevation for power generation
Pathfinder	7	1,016,500	1,016,507	31,405	Minimum elevation for power generation
Alcova	91	184,314	184,405	153,802	Minimum elevation for power generation
Gray Reef	56	1,744	1,800	56	Lowest outlet elevation
Glendo	11,033	506,452	517,485[3]	63,148	Minimum elevation for power generation
Guernsey	0	45,612	45,612	0	Lowest outlet elevation
Total	11,894	2,775,927	2,787,821	281,747	

1/Storage capacity below elevation of lowest outlet
2/Total storage minus dead storage
3/An additional 271,917 acre-feet allocated to flood control

WATER YEAR 1995 OPERATIONS

Seminoe Reservoir

Seminoe Dam and Reservoir, on the North Platte River, is the main storage facility for the Kendrick Project. Construction of the dam was completed in 1939, providing a storage capacity of 1,017,273 acre-feet. The powerplant contains three electrical generating units with a total installed capacity of 51 MW at a full release capability of about 4,000 c.f.s. The spillway consists of a concrete-lined tunnel through the right abutment controlled by three fixed-wheel gates with a release capability of close to 48,000 c.f.s. Two 60 inch jet flow valves provide a low level river outlet flow capacity of 3,450 c.f.s.

At the start of water year 1995 Seminoe Reservoir had a storage content of 346,178 acre-feet which was only 49 percent of average and 34 percent of capacity. Except for 1993, this was the lowest end of October Seminoe storage since 1967. This below average trend continued until the end of June 1995. At the end of July Seminoe Reservoir storage was the 3rd highest in the past 30 years, with only 1973 and 1984 being higher. At the end of water year 1995 Seminoe Reservoir had a storage content of 836,167 acre-feet, which was the highest end of September Seminoe storage since 1984. See Figure 2 for an end of month comparison for the water year.

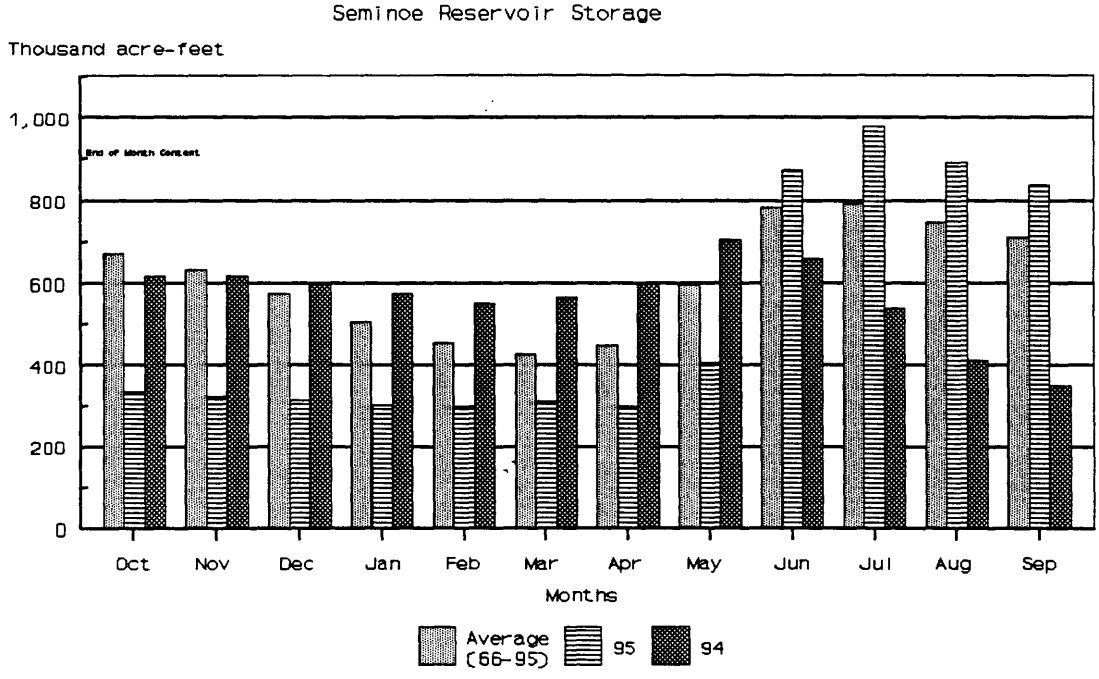


Figure 2

Seminoe Reservoir Streamflows

Streamflows discussed in this section refer to inflows into Seminoe Reservoir, unless otherwise noted. Generally, inflows during October through May were much below average. Inflows ranged from 32 to 85 percent, except for February, where inflows were slightly above average at 101 percent. The inflow into Seminoe Reservoir for April was the lowest of record back to 1939. Streamflows started improving during the second week of May 1995 with the start of the snowpack melt which had started later than normal. Several precipitation events during May and June boosted streamflows. The inflows into Seminoe Reservoir for the months of June and July were the second highest June and July inflows in the past 30 years, with only June and July 1983 being higher. Figure 3 depicts an end of month comparison of average inflow for the water year and 1994 and 1995 inflows.

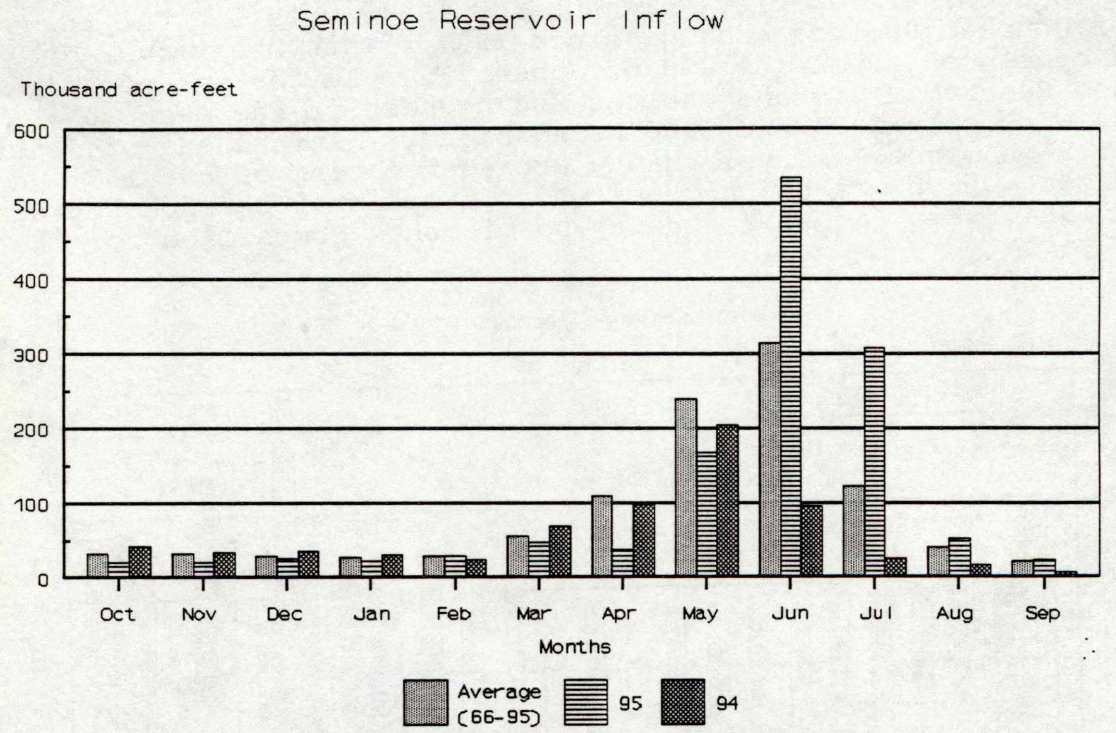


Figure 3

Kortes Reservoir

Completed in 1951, Kortes Dam, Reservoir, and Powerplant of the Kortes Unit (A Pick-Sloan Missouri Basin Project) are located about 2 miles below Seminoe Dam. It was the first unit initiated by the Bureau of Reclamation under the Missouri River Basin Project. This 4,700 acre-foot Reservoir serves as the forebay for Kortes Powerplant which has three electrical generating units with a total installed capacity of 36 MW and a release capability of 2,910 c.f.s. Water released from Seminoe Dam to Pathfinder Reservoir passes through the Kortes turbines to generate power. Maximum benefits are obtained when Kortes Reservoir remains full and the power releases are coordinated with those from Seminoe plant to maintain a full reservoir.

The spillway on the right abutment consists of an uncontrolled crest with a concrete-lined tunnel and has a capacity of 50,000 c.f.s.

Senate Bill 2553 which was passed in the 90th Congress authorized the modification of the operation of Kortes Dam and Powerplant to provide a minimum streamflow of 500 c.f.s. in the North Platte River between Kortes Reservoir and the normal headwaters of Pathfinder Reservoir. The minimum flow permits maintenance of a fishery in a stretch of the North Platte River commonly referred to as the "Miracle Mile".

In water year 1995 all releases were made through the Kortes Powerplant with two exceptions. On December 15, 1994, a powerplant outage was required to allow divers to inspect a bulkhead gate. Releases were also allowed to bypass the Kortes powerplant from July 6, 1995 through July 27, 1995, in order to move enough water downstream to meet irrigation demands in the lower system.

Pathfinder Reservoir

Pathfinder Dam and Reservoir, a major storage facility of the North Platte Project, has a total capacity of 1,016,507 acre-feet. Construction of the dam was completed in 1909. Operationally, this structure is a bottleneck in the System with its restricted release capability of less than 6,000 c.f.s. The two jet flow gates at the dam are capable of releasing 2,800 c.f.s., and depending on the elevation of the reservoir, as much as 2,900 c.f.s. can be released through the Fremont Canyon Power conduit and discharged from the Fremont Canyon turbines at the powerplant 3 miles downstream. The uncontrolled spillway is a flat-crested weir of natural rock over the left abutment of the dam. It has an estimated capacity of 65,000 c.f.s., at water surface elevation 5858.10 feet or 8 feet above the spillway crest. Fremont Canyon Powerplant, located in the canyon below Pathfinder Dam, has been reconditioned to a capacity of 66.8 MW under full reservoir operating head.

At the start of water year 1995 storage in Pathfinder Reservoir was 221,189 acre-feet, which was 46 percent of average. Pathfinder storage increased significantly during the May through July and remained well above average for July, August and September (See figure 4). The maximum Pathfinder Reservoir content for the water year was reached on August 16, 1995, at 644,844 acre-feet. The water year ended with 640,160 acre-feet of water in storage in Pathfinder Reservoir, which is 133 percent of average. This end of September storage was 419,000 acre-feet higher than the previous year and had not been this high since 1987.

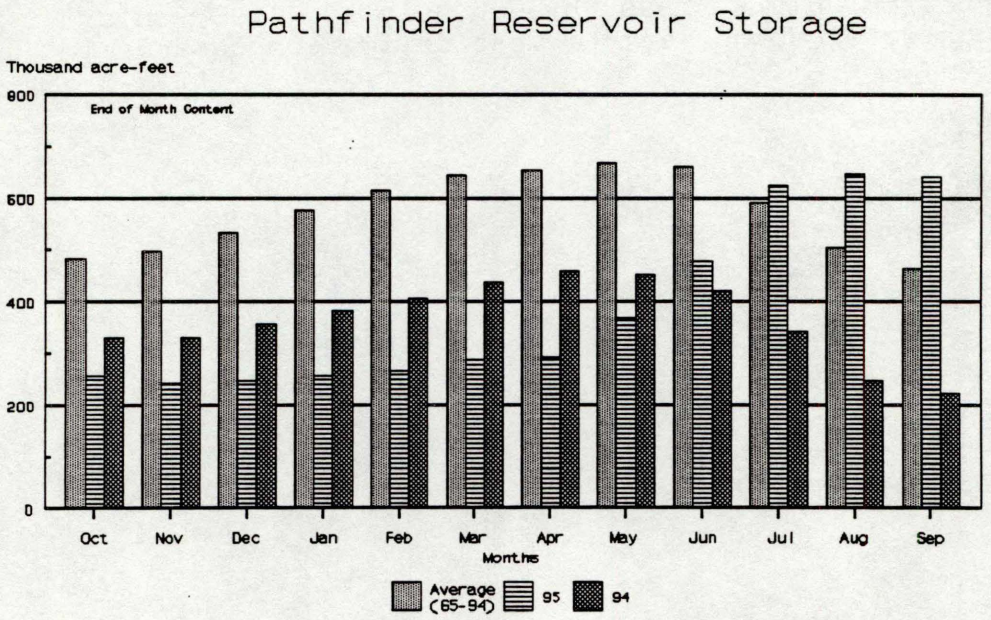


figure 4

Pathfinder Reservoir Streamflows

Very little release of water was made from Pathfinder Reservoir during October and the first half of November to allow the drawdown of Alcova Reservoir to its winter operating level. The drawdown was continued this year lowering Alcova Reservoir an additional 5 feet to elevation 5483.00 to allow for construction to extend boat ramps. On November 18, 1994, a release of water was initiated to raise Alcova Reservoir to its normal winter operating level of 5488.00 ± one foot. After November 30 Pathfinder releases averaged approximately 500 c.f.s. through July.

Kortes to Pathfinder river gains were below average for the months of October and November of 1994 and April 1995. With the exception of April the Kortes to Pathfinder river gains were above average from December through July, 1995, with the June flow being the highest June gain in the last 30 years. See Figure 5.

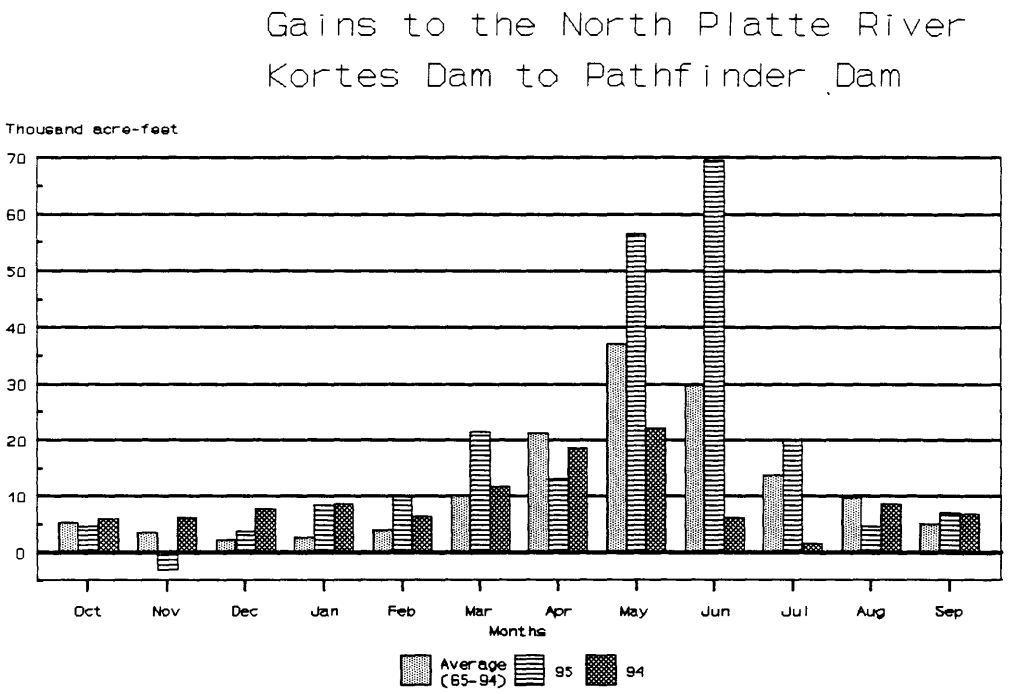


figure 5

Alcova and Gray Reef Reservoirs

Alcova Dam and Reservoir are part of the Kendrick Project. The Dam serves as a diversion dam for the Casper Canal and the reservoir as a forebay for the Alcova Powerplant. The dam, located about 10 miles downstream from Pathfinder Dam, was completed in 1938. Reservoir storage capacity is about 184,405 acre-feet at elevation 5500 feet, of which only the top 30,600 acre-feet is active capacity available for irrigation of the Kendrick Project. The powerplant consists of two electrical generating units with a total installed capacity of 36 MW at a full release capability of about 4,100 c.f.s. The spillway is a concrete lined open channel in the left abutment of the dam controlled by three 25 by 40 foot gates with a capacity of 55,000 c.f.s. at a reservoir level of 5500 feet. The Reservoir is operated within a 2 foot range during summer and winter but at levels 10 feet apart. A higher operating level is maintained during the summer months to provide adequate head on the Casper Canal and accommodate recreation use, while the lower winter operating level reduces the potential for ice damage to the canal gate and boat docks.

The annual drawdown of Alcova Reservoir began October 2, 1994. The drawdown continued this year to lower the reservoir an additional 5 feet to elevation 5483.00 to allow for construction on boat ramp extensions. On November 18, 1994, a release of water from Fremont Canyon was initiated to raise Alcova Reservoir to its normal winter operating level of 5488.00 $\pm$ one foot. On November 30, 1995 Alcova reached its normal winter operating level, where it remained until April 5, 1995, when the refill of Alcova Reservoir was initiated.

The water surface elevation was raised above 5497 feet on April 27, and the Reservoir was maintained within 1 foot of elevation 5498 throughout the summer.

Gray Reef Dam and Reservoir are part of the Glendo Unit, Oregon Trail Division, Pick-Sloan Missouri Basin Program. The dam is a three-zoned rock and earthfill structure located about 2.5 miles below Alcova Dam and was completed in 1961. The Reservoir has an active capacity of 1,744 acre-feet. Gray Reef Dam was constructed to provide a small reservoir to re-regulate releases from Alcova Dam which provides flows acceptable to irrigation, municipal, industrial, and fish and wildlife interests along the 147 miles of river between Alcova and Glendo Dams.

The Gray Reef release was maintained near 500 c.f.s. from October 1, 1994, through July 11, 1995. Releases for the remainder of the water year were adjusted to meet irrigation demands below Guernsey Reservoir. The largest release for the water year of 1,603 c.f.s. occurred on September 3, 1995. After September 19, the Gray Reef releases were again maintained near 500 c.f.s.

Glendo Reservoir

Glendo Dam and Reservoir is the only storage facility for the Glendo Unit. The Reservoir has a storage capacity of 789,400 acre-feet, including 271,900 acre-feet allocated to flood control. Glendo Powerplant consists of 2 electrical generating units, with a total installed capacity of 38 MW at the full release capability of 3,400 c.f.s. The river outlet capacity is 6,600 c.f.s. when the powerplant is operating. If the powerplant is not operating, 13,000 c.f.s. can be released through the river outlet. The uncontrolled spillway, located on the right abutment, has a crest elevation of 4653.00 feet and discharge capacity of about 10,000 c.f.s. at approximately 4669.0 feet.

There is an outlet works at the Dam which consists of a 30 inch pipe through the right abutment of the Dam near the spillway. A butterfly valve controls the release of water. The outlet was constructed to provide year round flow below Glendo Dam for fishery purposes. A release of 25 c.f.s. was maintained from the outlet throughout the water year.

Reservoir storage of 99,239 acre-feet on October 1, 1994, began the 1995 water year with Glendo storage about 14,500 acre-feet above average. On May 21, 1995, Glendo Reservoir rose above elevation 4635 into the flood pool and remained above that elevation until July 18. The flood pool was evacuated as directed by the Army Corps of Engineers, with downstream water users making use of the flood water as much as possible. The Reservoir reached a maximum storage for the year of 606,236 acre-feet (elevation 4641.67 feet) on June 14 and 15, 1995. At the end of the water year, Glendo Reservoir contained 82,765 acre-feet of water (water surface elevation 4575.80 feet) which was 97 percent of average. Figure 6 depicts 1994 and 1995 end of month reservoir storage compared to average.

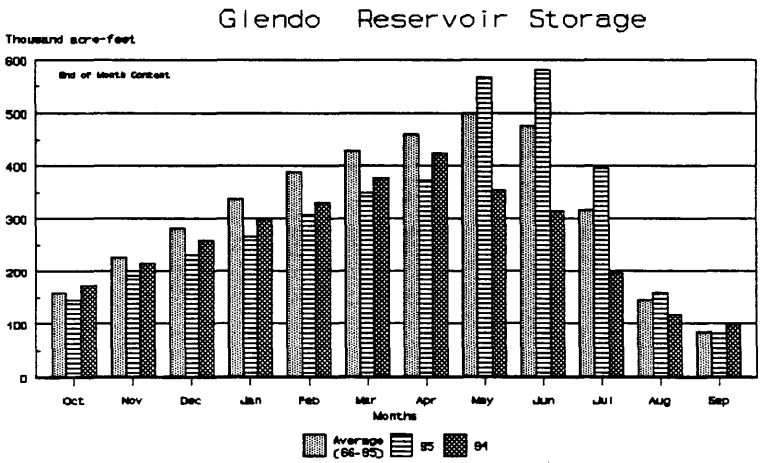


figure 6

Glendo Reservoir Streamflows

Water releases from Glendo Reservoir were initiated on April 24, in order to transfer water to Guernsey Reservoir for later release to the Inland Lakes. On May 9, 1995, water releases from Glendo Reservoir was terminated. On May 22, 1995 water release from Glendo Reservoir was initiated at the direction of the Army Corps of Engineers, as Glendo Reservoir entered the flood pool. On July 18, 1995, Glendo Reservoir level receded below the flood pool and operations returned to normal irrigation delivers.

Alcova Dam to Glendo Reservoir river gains were above average from October through December, 1994 and February, 1995. The river gains were below average for the months of January, March, and April 1995 with the April gain being the 4th lowest April gain in the last 30 years. Alcova Dam to Glendo Reservoir river gains were above average from May through July, 1995, with the May flow being the 3rd highest May gain in the last 30 years. The river gains for June and July were both the 2nd highest June and July river gains in the last 30 years. See Figure 7.

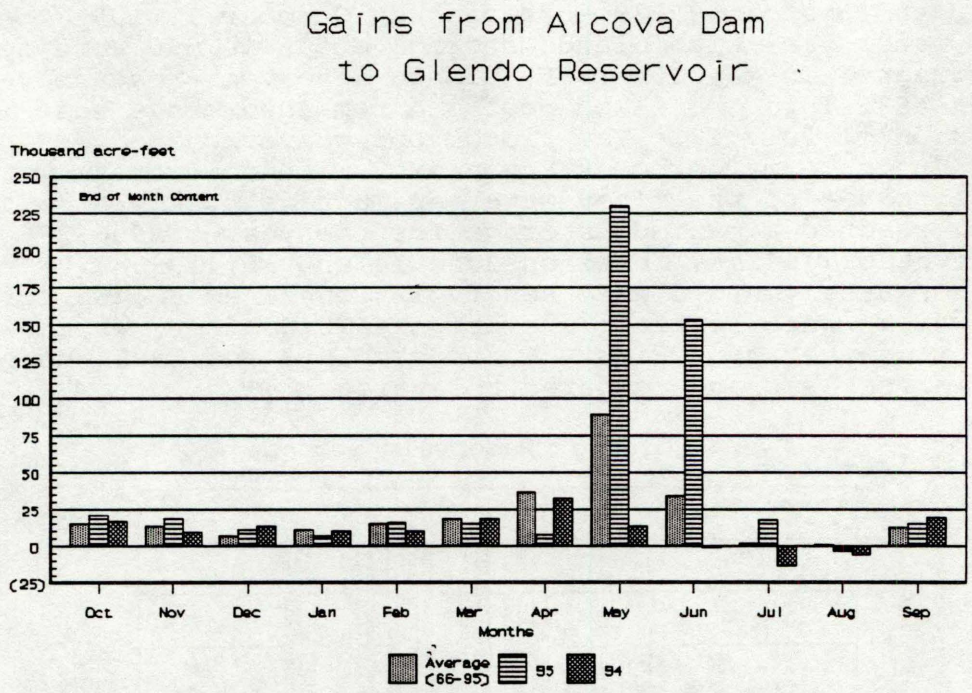


figure 7

Guernsey Reservoir

The Reservoir, located about 25 miles below Glendo Dam, again stores and re-regulates the flow of the river prior to delivery of storage water to project lands of the North Platte Project and Glendo Unit. Guernsey Powerplant, located on the right abutment of the dam, has two 3.2 MW electrical generating units with a combined release capability of about 1,340 c.f.s. The windings of both units have been replaced resulting in the rating of 3.2 MW per unit. The North spillway gate, with a capacity of 50,000 c.f.s. at a reservoir level of 4420 feet, is utilized for irrigation releases to supplement the maximum powerplant releases. The original capacity of the Reservoir was 73,800 acre-feet, but this has been greatly reduced by deposition of silt. Utilizing data from the 1980 Sedimentation Survey of Guernsey Reservoir, the March 1982 capacity tables show about 45,600 acre-feet of available storage.

Guernsey Reservoir contained 2,883 acre-feet of water on October 1, 1994. The annual "silt run" from the Reservoir was initiated on July 10 and continued for 14 days. Reservoir storage was reduced to initiate the "silt run" and was maintained at a low level throughout the period. The minimum Reservoir content of 797 acre-feet occurred on July 24. Following the "silt run," the Reservoir was refilled to 23,130 acre-feet by July 31, 1995. Guernsey Reservoir contained 9,551 acre-feet at the end of the irrigation season, September 30, 1995. See Figure 8 for 1994 and 1995 end of month storage compared to average for the water year.

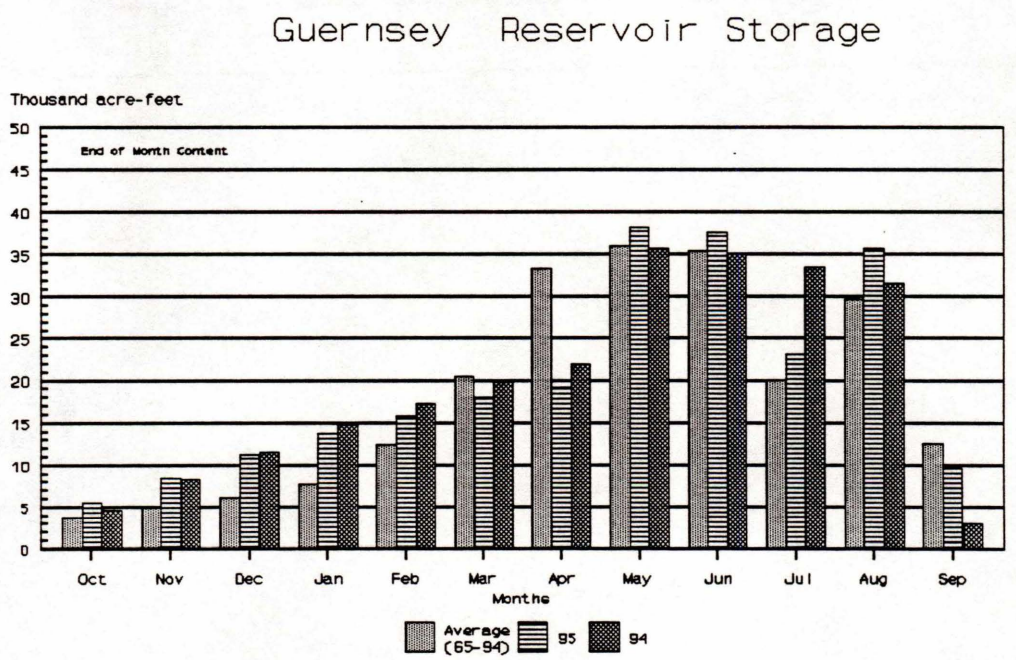


figure 8

Guernsey Reservoir Streamflows

Guernsey Reservoir releases were started on April 24 to transfer water to the Inland Lakes. Transfer of water to the Inland Lakes was completed on May 10, and Guernsey releases were discontinued. On May 23, 1995, Guernsey releases were again started to deliver irrigation water and evacuate Glendo Reservoir level from the flood pool. The river gains for May were the 4th highest May gain in the last 30 years. The river gains for June were the highest June gain the in the last 30 years. See Figure 9 for an end of month comparison for the water year.

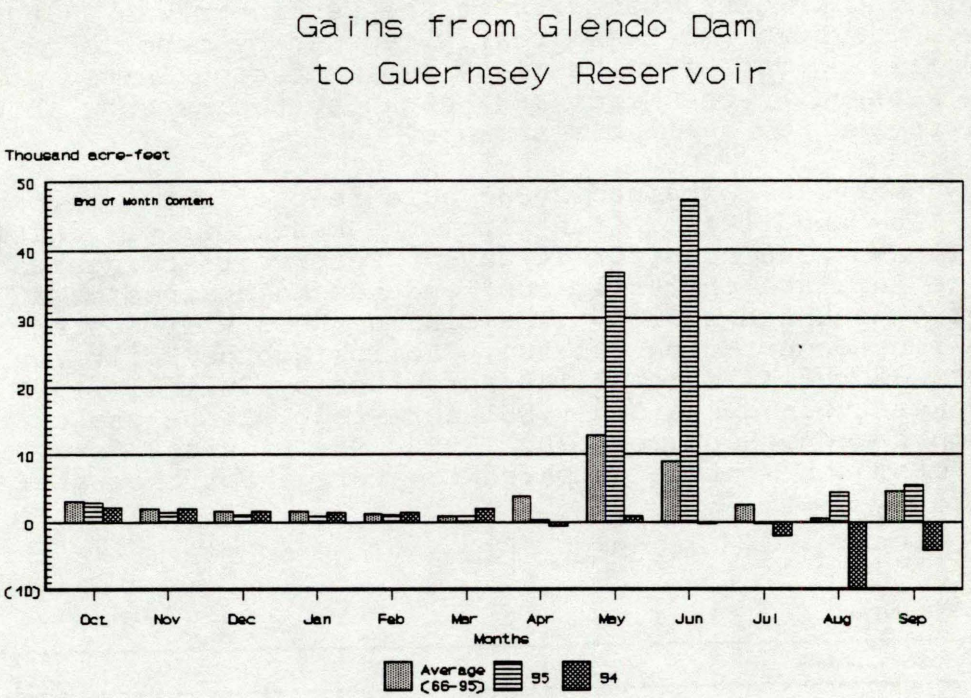


figure 9

1995 Precipitation

Precipitation throughout the basin was above average for water year 1995. See table 2 for monthly comparison of precipitation.

Table 2
NORTH PLATTE RIVER BASIN PRECIPITATION BY WATERSHED

Month	SEMINOE WATERSHED		PATHFINDER WATERSHED		GLENDO WATERSHED		GUERNSEY WATERSHED	
	Precip in Inches	Percent of Average	Precip in Inches	Percent of Average	Precip in Inches	Percent of Average	Precip in Inches	Percent of Average
October	.86	79	2.79	288	2.56	305	3.12	351
November	.60	148	1.24	148	.97	145	.52	85
December	.41	52	.56	76	.31	63	1.04	254
January	.66	102	.76	115	.65	159	.27	79
February	.74	112	.64	110	.63	134	.49	123
March	.91	97	.52	54	.38	48	.13	33
April	1.91	162	1.73	115	1.22	83	1.51	90
May	5.31	349	4.85	245	5.07	236	5.28	216
June	2.16	186	1.80	146	2.93	187	4.94	207
July	1.03	79	.95	96	.64	51	1.85	106
August	.71	64	.13	19	.11	15	.18	17
September	1.97	181	1.87	195	2.72	302	2.25	197
Water Year	17.27	139	17.79	143	18.18	155	21.57	157

1995 Ownerships

At the start of water year 1995, the North Platte Project ownership (includes North Platte Pathfinder and North Platte Guernsey), contained 274,626 acre-feet of water, which is 64 percent of average. The Kendrick ownership contained 419,943 acre-feet of water, which is 47 percent of average; and the Glendo ownership contained 153,477 acre-feet of water, which is 109 percent of average. The North Platte Guernsey ownership filled on March 18, 1995. The Glendo ownership filled on May 10, 1995. The North Platte Pathfinder ownership filled on June 15, 1995. The Kendrick ownership increased to a maximum content of 869,329 acre-feet on Jul 26, 1995, which is 72 percent of total ownership capacity.

The total amount of water reported as stored at the end of water year 1994 does not include water remaining in the four Inland Lakes in Nebraska. Also, 23,749 acre-feet of water remained in the lakes, which is available for use in 1995, in addition to the 853,870 acre-feet of water in the mainstem reservoirs.

At the end of water year 1995, the North Platte Project ownership (includes North Platte Pathfinder and North Platte Guernsey), contained 758,714 acre-feet of water, which was the highest end of September storage since 1983. The Kendrick ownership contained 818,296 acre-feet at the end of September, which was the highest end of September amount since 1989. The Glendo ownership contained 170,858 acre-feet of water, which was the highest end of September storage in the last 30 years. See Figure 10 for a comparison of the last three water years with average and capacity. Table number 3 shows a summary of ownership for water year 1995.

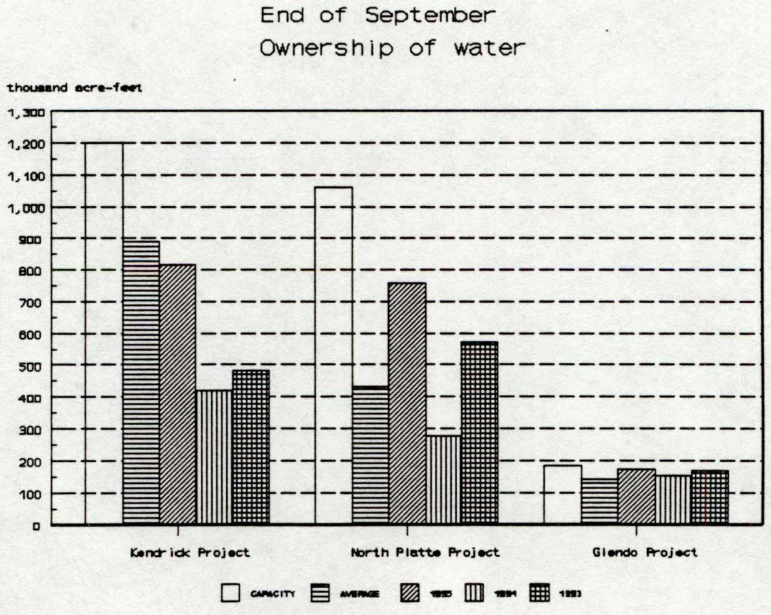


figure 10

SUMMARY OF NORTH PLATTE RIVER SYSTEM OWNERSHIPS FOR WATER YEAR 1995 (ACRE-FEET)

MONTHS	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
PATHFINDER OWNERSHIP														
ACCRUAL[1]		17071	20626	25201	26440	35490	65803	44812	231570	287672	18	0	0	756829
EVAPORATION		505	2716	826	564	408	1604	435	3671	7893	11133	12747	7876	50378
DELIVERY[2]		0	0	0	0	0	0	0	0	0	0	86642	135051	223819
OWNERSHIP[3]	275682	292248	310158	334533	360409	395491	459690	504067	731966	1011745	1000630	901241	758314	
KENDRICK OWNERSHIP														
ACCRUAL		0	0	0	0	0	0	0	0	333044	146916	0	841	480801
EVAPORATION		530	3180	922	597	412	1347	335	2411	4386	8354	8294	5030	35798
DELIVERY[2]		0	0	0	0	0	0	0	0	1531	12618	23148	9402	46699
OWNERSHIP	419992	419462	416282	415360	414763	414351	413004	412669	410258	737385	863329	831887	818296	
GLENDO OWNERSHIP														
ACCRUAL		0	0	0	0	0	7813	0	24746[4]	1449[4]	1392[4]	756[4]	0	36156
EVAPORATION		300	842	223	550	449	599	799	95	1449	1227	1812	1104	9449
DELIVERY & LOSS[2]		32	0	1	1	0	71	0	0	0	833	3046	5249	9233
OWNERSHIP	153384	153052	152210	151986	151435	150986	158129	157330	181981	181981	181313	177211	170858	
PACIFIC POWER & LIGHT														
ACCRUAL		0	0	0	0	0	0	0	34	19	25	28	19	125
DELIVERY[2]		0	0	0	0	0	0	0	0	0	0	0	0	0
EVAPORATION		2	9	1	4	3	5	4	6	19	25	28	19	125
INSTORAGE	2000	1998	1989	1988	1984	1981	1976	1972	2000	2000	2000	2000	2000	
GUERNSEY OWNERSHIP														
ACCRUAL		0	0	12878	7724	17137	8235	0	1357[5]	952[5]	1327[5]	536[5]	0	50146
EVAPORATION		0	0	50	170	160	335	351	653	952	1053	689	0	4413
DELIVERY[2]		0	0	0	0	0	0	0	0	0	817	44916	0	45733
OWNERSHIP	0	0	0	12828	20382	37359	45259	44908	45612	45612	45069	0	0	

TABLE 3

SUMMARY OF NORTH PLATTE STORAGE OWNERSHIP FOR WATER YEAR 1995 (ACRE-FEET)

MONTHS	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
INLAND LAKES OWNERSHIP														
ACCRUAL		20177	17078	0	0	0	0	7922	0	0	0	0	0	45177
EVAPORATION		23	238	65	96	72	123	117	12	0	0	0	0	746
OWNERSHIP[3]	0	18105	34945	34880	34784	34712	34589	32161	0	0	0	0	0	
TRANSFER[6]		2049	0	0	0	0	0	10233	32149	0	0	0	0	44431
CITY OF CHEYENNE														
ACCRUAL		878	1636	1598	1575	1549	34	0	278	916	239	436	760	9899
EVAPORATION		1	34	11	6	2	28	0	66	35	0	0	0	183
DELIVERY		0	0	0	0	0	0	0	929	10006	68	0	0	11003
OWNERSHIP	2812	3689	5291	6878	8447	9994	10000	10000	9283	158	329	765	1525	
EXCESS WATER														
ACCRUAL		0	0	0	0	0	179	0	185741	36941	34	7	1780	224682
EVAPORATION		0	0	0	0	0	2	1	553	2219	1844	621	0	5240
OWNERSHIP	0	0	0	0	0	0	177	176	179856	175757	111309	0	1780	
RELEASED		0	0	0	0	0	0	0	5508	38821	62638	110695	0	217622

1/ In 1992 the Wyoming State Engineer granted an exchange which allows Pacificorp to exchange direct flows in the winter months (Oct.-Apr.) for direct flow in the summer months. During the winter months some direct flows which are available for storage under Pathfinder's storage right are not stored but instead are allowed to pass downstream for use by Pacificorp. In exchange, starting on May 1 Pacificorp allows some of its available direct flow to pass downstream to Glendo Reservoir to be stored as Pathfinder ownership to make up for the winter direct flows that Pathfinder could have stored but allowed to pass downstream to Pacificorp. On June 15, 1995, Pathfinder ownership filled to 1,016,099 AF; this amount plus the remaining Pacificorp exchange water of 408 AF completed the fill of the ownership to 1,016,507 AF. The exchange water was stored to Pathfinder at a rate of 26 AF daily until July 1 when the last 18 AF of the exchange water was stored.

2/ Amounts shown as delivery are storage water only. Natural flow which was delivered is not shown in this table.

3/ In September of water year 1994, 11,265 acre-feet of Pathfinder ownership water was transferred to the Inland Lakes. In October of water year 1995, 4,871 acre-feet of Pathfinder ownership water was transferred to the Inland Lakes for a total of 16,136 acre-feet of Pathfinder ownership water in the Inland Lakes. On May 1, 1995, 16,136 acre-feet of Inland Lakes ownership was transferred to the Pathfinder ownership account. The 16,136 acre-feet is not reflected in Pathfinder ownership until May when the transfer occurred. In September of water year 1995, 3,175 acre-feet of Pathfinder ownership water was transferred to the Inland Lakes.

4/ In accordance with 1995 North Platte River Ownership and Natural Flow Accounting Procedures, Glendo ownership was allowed to refill water lost to evaporation from excess until August 16, 1995.

5/ In accordance with 1995 North Platte River Ownership and Natural Flow Accounting Procedures, Guernsey ownership was allowed to refill water lost to evaporation from excess until August 16, 1995.

6/ Transfer refers to Inland Lakes ownership water which was transferred from storage in Glendo or Guernsey. In October, 2,049 acre-feet were transferred to the Inland Lakes. In April, 10,233 acre-feet were transferred to the Inland Lakes. In May, 16,013 acre-feet were transferred to the Inland Lakes and 16,136 acre-feet were transferred to the Pathfinder ownership account.

HYDROLOGY OPERATIONS

Seminoe Reservoir Operations — Initial Content 346.8 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Total Inflow	kaf	18.2	18.6	24.0	20.4	27.9	45.4	34.6	165.6	553.4	306.3	51.0	23.1	1288.5
Total Inflow	cfs	296.	313.	390.	332.	502.	738.	581.	2693.	9300.	4981.	829.	388.	
Turbine Release	kaf	32.0	31.1	32.4	32.1	28.8	32.3	47.8	56.3	78.0	193.1	128.2	71.6	763.7
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	32.0	31.1	32.4	32.1	28.8	32.3	47.8	56.3	78.0	193.1	128.2	71.6	763.7
Total Release	cfs	520.	523.	527.	522.	519.	525.	803.	916.	1311.	3140.	2085.	1203.	
Evaporation	kaf	0.9	0.3	0.8	0.5	0.3	1.2	0.3	1.2	6.3	9.5	9.1	5.1	35.5
End-month content	kaf	332.1	319.3	310.1	297.9	296.7	308.6	295.2	403.3	872.4	976.1	889.8	836.2	
End-month elevation	ft	6306.9	6305.4	6304.2	6302.7	6302.6	6304.0	6302.4	6314.7	6349.4	6354.9	6350.4	6347.4	
Generation	gwh	3.9	3.7	3.9	4.0	3.7	4.1	6.2	7.6	12.6	34.4	22.8	12.8	119.7

Kortes Reservoir Operations — Initial Content 4.7 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Total Inflow	kaf	32.0	31.1	32.4	32.1	28.8	32.3	47.8	56.3	78.0	193.1	128.2	71.6	763.7
Turbine Release	kaf	32.0	31.1	32.4	32.1	28.8	32.3	47.8	56.2	77.9	156.9	128.2	71.5	727.2
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.3	0.0	0.0	36.3
Total Release	kaf	32.0	31.1	32.4	32.1	28.8	32.3	47.8	56.2	77.9	193.2	128.2	71.5	763.5
Total Release	cfs	520.	523.	527.	522.	519.	525.	803.	914.	1309.	3142.	2085.	1202.	
Generation	gwh	5.1	4.8	4.9	5.2	4.9	5.2	7.9	9.6	12.9	27.6	21.5	12.4	122.0

Pathfinder Reservoir Operations — Initial Content 221.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Sweetwater Inflow	kaf	3.0	3.3	3.1	3.6	2.2	13.2	13.3	36.9	58.2	26.6	5.4	3.3	172.1
Kortes-Path Gain	kaf	1.0	-7.9	0.6	4.7	7.7	8.0	-1.7	19.4	11.4	-6.7	-0.8	3.7	39.4
Inflow from Kortes	kaf	32.0	31.1	32.4	32.1	28.8	32.3	47.8	56.2	77.9	193.2	128.2	71.5	763.5
Total Inflow	kaf	36.0	26.5	36.1	40.4	38.7	53.5	59.4	112.5	147.5	213.1	132.8	78.5	975.0
Total Inflow	cfs	585.	445.	587.	657.	697.	870.	998.	1830.	2479.	3466.	2160.	1319.	
Turbine Release	kaf	2.2	40.5	30.7	30.1	28.3	31.7	52.8	34.9	34.0	58.5	104.6	76.1	524.4
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	2.2	40.5	30.7	30.1	28.3	31.7	52.8	34.9	34.0	58.5	104.6	76.1	524.4
Total Release	cfs	36.	681.	499.	489.	510.	516.	887.	568.	571.	951.	1701.	1279.	
Evaporation	kaf	0.8	0.2	0.7	0.5	0.2	1.1	0.3	1.3	4.2	7.3	8.9	6.1	31.6
End-month content	kaf	254.2	240.0	244.7	254.5	264.7	285.4	291.7	368.0	477.3	624.6	643.9	640.2	
End-month elevation	ft	5794.4	5792.4	5793.0	5794.4	5795.8	5798.5	5799.3	5808.0	5818.2	5829.1	5830.3	5830.1	
Generation Fremont	gwh	0.5	12.3	7.4	6.9	7.0	7.5	13.6	8.3	8.4	16.2	29.4	21.1	138.6

Alcova Reservoir Operations — Initial Content 177.5 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Total Inflow	kaf	0.6	40.2	30.7	30.1	28.3	31.7	52.8	34.9	34.0	58.5	104.6	76.1	522.5
Total Inflow	cfs	10.	676.	499.	489.	510.	516.	887.	568.	571.	951.	1701.	1279.	
Turbine Release	kaf	31.5	29.9	31.4	30.6	28.0	30.5	30.4	33.3	30.0	45.7	81.3	65.8	468.4
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Casper Canal Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	13.1	23.2	9.4	47.3
Total Release	kaf	31.5	29.9	31.4	30.6	28.0	30.5	30.4	33.3	31.6	58.8	104.5	75.2	515.7
Total Release	cfs	512.	502.	511.	498.	504.	496.	511.	542.	531.	956.	1700.	1264.	
Evaporation	kaf	0.2	0.2	0.2	0.1	0.1	0.3	0.1	0.3	0.9	1.3	1.4	1.0	6.1
End-month content	kaf	146.4	156.5	155.6	155.0	155.2	156.1	178.4	179.7	181.2	179.6	178.3	178.2	
End-month elevation	ft	5483.6	5488.2	5487.8	5487.5	5487.6	5488.0	5497.6	5498.1	5498.7	5498.0	5497.5	5497.5	
Generation	gwh	4.3	4.5	3.9	3.4	3.5	3.6	4.0	4.5	3.9	6.3	11.4	9.1	62.4

Gray Reef Reservoir Operations — Initial Content 1.1 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Total Inflow	kaf	31.5	29.9	31.4	30.6	28.0	30.5	30.4	33.3	30.0	45.7	81.3	65.8	468.4
Total Inflow	cfs	512.	502.	511.	498.	504.	496.	511.	542.	504.	743.	1322.	1105.	
Total Release	kaf	31.2	30.1	31.4	30.7	27.9	30.7	30.4	33.1	29.8	46.3	80.5	65.9	468.0
Total Release	cfs	507.	506.	511.	499.	502.	499.	511.	538.	501.	753.	1309.	1107.	

Glendo Reservoir Operations — Initial Content 99.6 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Alcova-Glendo Gain	kaf	20.3	18.3	10.9	6.8	15.7	14.9	7.7	229.9	153.6	17.3	-3.4	14.9	506.9
Infl from Gray Reef	kaf	31.2	30.1	31.4	30.7	27.9	30.7	30.4	33.1	29.8	46.3	80.5	65.9	468.0
Total Inflow	kaf	51.5	48.4	42.3	37.5	43.6	45.6	38.1	263.0	183.4	63.6	77.1	80.8	974.9
Total Inflow	cfs	838.	813.	688.	610.	785.	742.	640.	4277.	3082.	1034.	1254.	1356.	
Turbine Release	kaf	4.5	0.0	0.0	0.0	0.0	0.0	11.0	65.7	155.3	190.7	227.8	132.1	787.1
Low Flow Release	kaf	2.2	1.8	1.8	2.1	1.6	2.0	1.8	2.6	1.5	1.5	1.5	1.5	21.9
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Irrigation Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	51.0	80.1	22.7	160.7
Total Release	kaf	6.7	1.8	1.8	2.1	1.6	2.0	12.8	68.3	163.7	243.2	309.4	156.3	969.7
Total Release	cfs	109.	30.	29.	34.	29.	33.	215.	1110.	2751.	3955.	5032.	2627.	
Evaporation	kaf	0.3	0.2	0.1	0.9	0.7	1.2	1.2	1.9	5.6	5.2	3.7	1.0	22.0
End-month content	kaf	144.1	190.5	230.9	265.4	306.7	349.1	373.2	566.0	580.1	395.3	159.3	82.8	
End-month elevation	ft	4590.0	4598.2	4604.2	4608.9	4614.1	4619.0	4621.6	4638.8	4639.8	4623.9	4592.9	4575.8	
Generation	gwh	0.2	0.0	0.0	0.0	0.0	0.0	0.7	7.3	19.3	21.3	20.6	9.0	78.4

Guernsey Reservoir Operations — Initial Content 3.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Glendo-Guerns Gain	kaf	2.9	1.3	1.2	0.9	1.2	0.9	-0.3	36.5	47.3	-0.1	4.4	5.6	101.8
Inflow from Glendo	kaf	6.7	1.8	1.8	2.1	1.6	2.0	12.8	68.3	163.7	243.2	309.4	156.3	969.7
Total Inflow	kaf	9.6	3.1	3.0	3.0	2.8	2.9	12.5	104.8	211.0	243.1	313.8	161.9	1071.5
Total Inflow	cfs	156.	52.	49.	49.	50.	47.	210.	1704.	3546.	3954.	5104.	2721.	
Turbine Release	kaf	1.1	0.0	0.0	0.0	0.0	0.0	8.8	52.9	62.3	32.4	64.6	62.7	284.8
Seepage	kaf	0.2	0.2	0.3	0.4	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1
Spillway Release	kaf	5.8	0.0	0.0	0.0	0.0	0.0	2.3	32.3	148.4	224.8	235.7	124.8	774.1
Total Release	kaf	7.1	0.2	0.3	0.4	0.5	0.5	11.1	85.2	210.7	257.2	300.3	187.5	1061.0
Total Release	cfs	115.	3.	5.	7.	9.	8.	186.	1386.	3541.	4183.	4884.	3151.	
Evaporation	kaf	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.5	0.9	0.4	0.9	0.5	3.9
End-month content	kaf	5.5	8.4	11.1	13.6	15.7	17.9	19.1	38.2	37.6	23.1	35.7	9.6	
End-month elevation	ft	4395.2	4398.8	4401.3	4403.3	4404.8	4406.3	4407.0	4416.8	4416.5	4409.3	4415.6	4399.9	
Generation	gwh	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.4	4.5	2.3	4.6	4.2	18.7

OWNERSHIP OPERATIONS

North Platte Pathfinder — Initial Ownership 275.7 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Net Accrual	kaf	17.1	20.6	25.2	26.4	35.5	65.8	44.8	231.6	287.7	2.1	0.0	0.0	756.8
Evaporation	kaf	0.5	2.7	0.8	0.6	0.4	1.6	0.4	3.7	7.9	11.1	12.8	7.9	50.4
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	86.7	135.0	223.8
End-month Ownership	kaf	292.3	310.2	334.6	360.4	395.5	459.7	504.1	732.0	1011.8	1000.7	901.2	758.3	

North Platte Guernsey — Initial Ownership 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Net Accrual	kaf	0.0	0.0	12.9	7.7	17.1	8.2	0.0	1.4	1.0	1.3	0.5	0.0	50.1
Evaporation/Seepage	kaf	0.0	0.0	0.1	0.1	0.1	0.3	0.4	0.7	1.0	1.0	0.7	0.0	4.4
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	44.9	0.0	45.7
End-month Ownership	kaf	0.0	0.0	12.8	20.4	37.4	45.3	44.9	45.6	45.6	45.1	0.0	0.0	

Inland Lakes — Initial Ownership 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Accrual	kaf	20.2	17.1	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	45.2
Evaporation/Seepage	kaf	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.7
Trnsfr fm Ownership	kaf	2.1	0.0	0.0	0.0	0.0	0.0	10.2	32.2	0.0	0.0	0.0	0.0	44.5
End-month Ownership	kaf	18.1	35.0	34.9	34.8	34.7	34.6	32.2	0.0	0.0	0.0	0.0	0.0	

Kendrick — Initial Ownership 420.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Net Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	333.0	146.9	0.0	0.8	480.7
Evaporation	kaf	0.5	3.2	0.9	0.6	0.4	1.4	0.3	2.4	4.4	8.4	8.3	5.0	35.8
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	12.6	23.1	9.4	46.6
End-month Ownership	kaf	419.5	416.3	415.4	414.8	414.4	413.0	412.7	410.3	737.4	863.3	831.9	818.3	

Glendo Unit — Initial Ownership 153.4 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	7.8	0.0	24.8	1.4	1.4	0.8	0.0	36.2
Evaporation	kaf	0.3	0.9	0.2	0.6	0.4	0.6	0.8	0.1	1.4	1.3	1.8	1.1	9.5
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.8	3.1	5.2	9.2
End-month Ownership	kaf	153.1	152.2	152.0	151.4	151.0	158.1	157.3	182.0	182.0	181.3	177.2	170.9	

Excess to Ownership — Initial Ownership 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.2	0.0	185.7	36.9	0.0	0.0	1.8	224.6
Evaporation/Seepage	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.2	1.8	0.6	0.0	5.2
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	38.8	62.6	110.7	0.0	217.6
End-month total	kaf	0.0	0.0	0.0	0.0	0.0	0.2	0.2	179.8	175.7	111.3	0.0	1.8	

IRRIGATION DELIVERY

Kendrick (Casper Canal)		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Requirement *	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0	18.0	17.0	7.0	74.0
Delivered	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	13.1	23.1	9.5	47.3

Guernsey Deliveries		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
North Platte Req *	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110.0	125.0	305.0	295.0	175.0	1020.0
Glendo Req *	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.0	8.0	12.0	28.0
Inland Lakes Req *	kaf	5.0	0.0	0.0	0.0	0.0	0.0	40.5	0.0	0.0	0.0	0.0	0.0	45.5
Total Requirement *	kaf	5.0	0.0	0.0	0.0	0.0	0.0	40.5	110.0	127.0	311.0	303.0	187.0	1083.5
Seepage	kaf	0.2	0.2	0.3	0.4	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	2.4
Actual Release	kaf	6.9	0.2	0.3	0.4	0.5	0.5	10.8	85.2	210.7	257.2	300.3	187.5	1060.5

* Requirements are Bureau of Reclamation estimates of water use under most probable runoff conditions.

Flood Benefits

The Corps of Engineers, Omaha District, estimates that in Water Year 1995 flood damages of $11,082,900 were prevented in Wyoming and Nebraska because of the existence of dams in the System. Guernsey Dam is the only North Platte River dam to which flood benefits were not assigned for the year (Table 5). Since construction, the System has prevented flood damages totaling $69,278,400.

Table 5

FLOOD DAMAGE PREVENTED BY DAMS
IN THE NORTH PLATTE RIVER SYSTEM 1/

DAMS	WATER YEAR 1995	PRIOR TO 1995	ACCUMULATED TOTAL
SEMINOE	$5,765,300	$13,205,500	$18,970,800
PATHFINDER	$1,571,500	$ 5,328,100	$ 6,899,600
ALCOVA	$46,000	$ 226,200	$ 272,200
GLENDO	$3,700,100	$38,996,700	$42,696,800
GUERNSEY	$0	$ 439,000	$ 439,000
TOTAL	$11,082,900	$58,195,500	$69,278,400

1/This data is received from the Army Corps of Engineer's Omaha District Office and is revised every October. The period of assessment is 1970 through 1995 except for Glendo Dam, which is 1965 through 1995.

Table 6

Past Power Operations Water Year 1995

Powerplant	Gross generation	Percent of average 1/
Seminoe	119,700,0002/	84
Kortes	122,000,000	78
Fremont Canyon	138,600,000	54
Alcova	62,400,000	48
Glendo	78,400,000	94
Guernsey	18,700,000	78
Total Basin	539,800,000	68

1/ 30 year average (1961-1990).
2/ Generation is in Kilo-watt hours.

Proposed Power Operations Water Year 1996

Powerplant	Gross generation	Percent of average 1/
Seminoe	153,982,0002/	108
Kortes	172,190,000	110
Fremont Canyon	263,450,000	103
Alcova	104,242,000	81
Glendo	81,089,000	94
Guernsey	22,049,000	92
Total Basin	797,002,000	101

1/ 30 year average (1961-1990).
2/ Generation is in Kilo-watt hours.
See Table 7 for Powerplant data for the North Platte System. See Table 8 for the proposed unit maintenance schedule for water year 1996.

Table 7

NORTH PLATTE RIVER
POWERPLANT DATA

Powerplant	Number of Units	Capacity each Unit (KW)	Total installed Capacity (KW)	Normal operating Head (Ft)	Output at rated Head (Ft^3/s)	30 Year Average[1] (GWH)
Seminoe	3	17,000	51,000	97-227	4,050	142.3
Kortes	3	12,000	36,000	192-204	2,910	156.8
Fremont Canyon	2	33,400	66,800	247-363	3,080	255.7
Alcova	2	18,000	36,000	153-165	4,100	129.3
Glendo	2	19,000	38,000	73-156	3,400	86.2
Guernsey	2	3,200	6,400	89-91	1,340	23.9
Total	14	-----	234,200	-----	-----	794.2

1/1961-1990

Table 8

PROPOSED UNIT MAINTENANCE SCHEDULE
NORTH PLATTE RIVER SYSTEM
OCTOBER 1995 THROUGH SEPTEMBER 1996

FACILITY AND UNIT NO.	SCHEDULED PERIOD	DESCRIPTION OF WORK
Seminoe Unit #1	09-18-95 thru 10-04-95	Minor inspection
Fremont Unit #1	10-02-95 thru 11-29-95	Annual inspection and other work as required
Seminoe Unit #2	10-10-95 thru 12-13-95	Major inspection
Glendo Unit #2	11-06-95 thru 12-14-95	Minor inspection
Guernsey Unit #1	11-06-95 thru 12-14-95	Minor inspection
Fremont Unit #2	12-04-95 thru 12-27-95	Annual inspection and other work as required
Seminoe Unit #3	12-18-95 thru 01-10-96	Minor inspection
Alcova Unit #1	01-02-96 thru 01-31-96	Annual inspection and other work as required
Glendo Unit #1	01-08-95 thru 02-29-95	Minor inspection
Guernsey Unit #2	01-08-96 thru 02-22-96	Minor inspection
Kortes Unit #1	01-16-95 thru 01-31-96	Minor inspection
Kortes Unit #2	02-05-96 thru 02-22-96	Minor inspection
Alcova Unit #2	02-05-96 thru 03-06-96	Annual inspection and other work as required
Kortes Unit #3	02-26-96 thru 04-10-96	Major inspection, piping replacement and Stator hipot

PROPOSED OPERATIONS FOR WATER YEAR 1996

Three operation studies were developed for the System to establish an AOP for water year 1996. Each of the studies conformed to the established operating criteria but used different inflow conditions and different demand conditions.

The three inflow conditions were determined from a statistical analysis of historic inflows and were labeled reasonable minimum, reasonable maximum, and most probable. Reservoir inflow during water year 1996 has a one-in-ten chance of being less than the reasonable minimum. Statistically, inflows in 1996 will have an eight-in-ten chance of falling between the two extremes. The most probable inflow is based on long-term averages and approximates a 50 percent chance of occurrence. The three studies for water year 1996 are summarized numerically in tables 9A, 9B, and 9C.

The AOP, as developed and reflected in the three studies, provides the flexibility to adjust operations as conditions change during the water year. Forecasts of the April-July reservoir inflow will be made at the beginning of each month for February through May. Projected operating schedules will be adjusted, as required, throughout the water year as changes occur in the forecasted inflows, irrigation demands, maintenance schedules, and power loads.

The total storage in mainstem reservoirs on the North Platte River in Wyoming (including Kortes and Gray Reef) was 1,753,000 acre-feet at the beginning of the water year 1996. This amount was 121 percent of average.

Seminoe Reservoir

Most Probable Condition - 1996

October through March -- Seminoe Reservoir storage of 834,950 acre-feet, at the beginning of the water year, was 118 percent of the 30-year average. Planned turbine releases from Seminoe Reservoir of 700 c.f.s. in October through March will lower the reservoir storage to about 746,500 acre-feet by March 31. These releases are projected based on a statistically estimated Seminoe inflow for the October through March period of 173,500 acre-feet. A release of at least 500 c.f.s. is required to maintain the minimum flow in the Miracle Mile reach of the river.

April through September -- Turbine releases are expected to average approximately 1,700 c.f.s. in April; 2,300 c.f.s. in May; 2,600 c.f.s June; 1,900 c.f.s July; 1,200 c.f.s August; and 500 c.f.s in September. The total release from the Reservoir during the April to September period will be scheduled through the power generators to provide storage space for the April-July inflow and meet downstream requirements. With most probable inflow, storage will reach a maximum of 1,007,000 acre-feet by the end of June. Projected carryover storage of about 914,100 acre-feet at the end of the water year would be 129 percent of average.

Reasonable Minimum Condition - 1996

October through March -- Water releases for this period under a reasonable minimum inflow condition would be 700 c.f.s. A release of at least 500 c.f.s. is required to maintain the minimum flow in the Miracle Mile reach of the river. Under this condition inflows would be expected to be 160,500 acre-feet for the period, which is 13,000 acre-feet less than in the most probable condition. The March 31 reservoir content would be expected to be approximately 732,900 acre-feet under these conditions.

April through September -- Seminoe water releases will increase from approximately 700 c.f.s. in April to 1,920 c.f.s. in July in order to meet irrigation requirements and provide increased power production. The releases will be decreased in August and September to average approximately 1,500 c.f.s., and 980 c.f.s., respectively. Under these conditions the water year will end with a Seminoe Reservoir content of 600,000 acre-feet (85 percent of average). The maximum end of month content under these conditions will be approximately 825,000 acre-feet at the end of June.

Reasonable Maximum Condition - 1996

October through March -- Water releases for this period under a reasonable maximum inflow condition would increase from 700 c.f.s. in October through February to 2,100 c.f.s. in March as water is moved downstream to generate power and make room in Seminoe Reservoir for spring runoff. Although inflows to Seminoe Reservoir would be higher under these conditions actual changes in winter operations would be made gradually until it was evident that the inflow quantities being experienced were showing a trend towards the reasonable maximum inflows for the water year. October through March inflows under this condition will be 205,400 acre-feet, which is 31,900 acre-feet more than the most probable runoff condition. The reservoir content would decrease from 826,000 acre-feet at the end of October to 573,900 acre-feet by the end of March under these conditions.

April through September -- Seminoe Reservoir release for the month of April will be set at an average of 3,000 c.f.s. Releases will average approximately 5,300 c.f.s for June, and decrease to about 1,020 c.f.s in August, and then decrease further to a release of about 560 c.f.s in September. Inflows for the April through July period will be 1,366,600 acre-feet, which is 586,500 acre-feet more than the most probable runoff condition. Seminoe Reservoir will reach its maximum end of month content for the year in June with approximately 1,017,300 acre-feet in storage(which is maximum conservation storage capacity). This plan of operation would result in an end of year carryover storage of 1,000,000 acre-feet, which would be 141 percent of average.

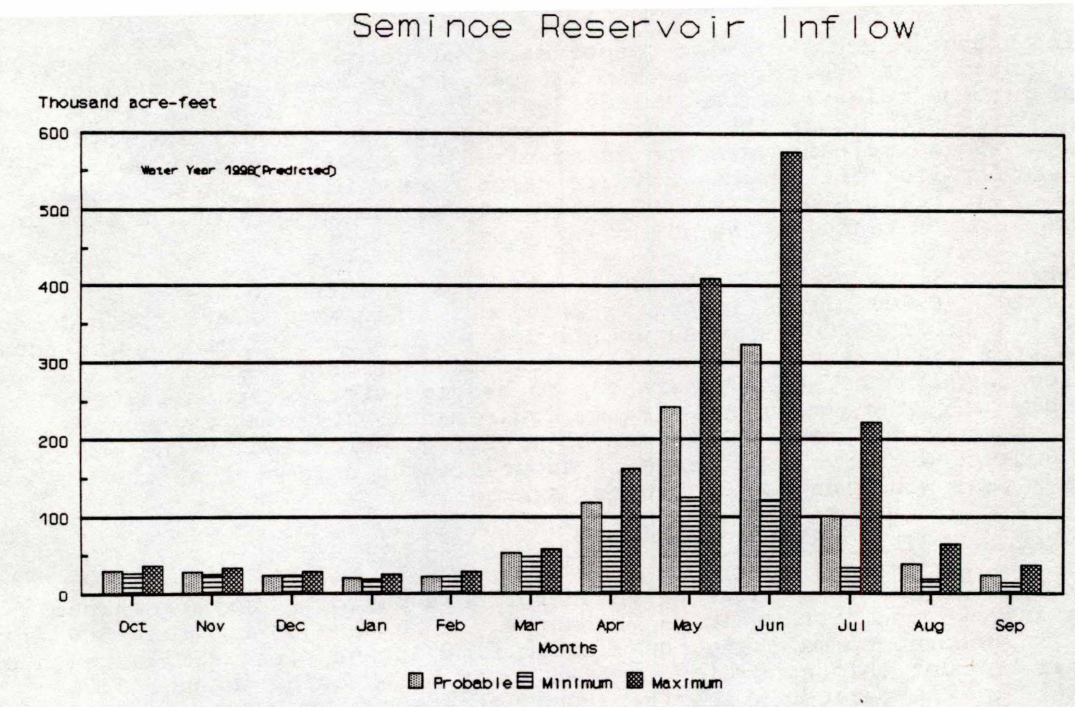


figure 11

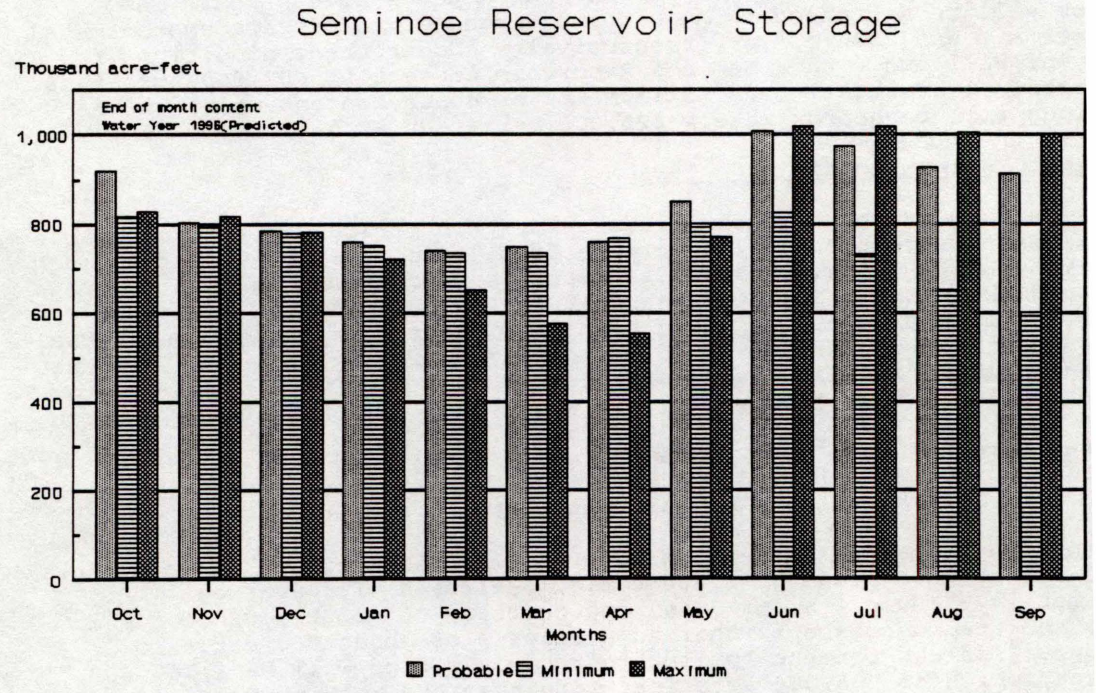


figure 12

Pathfinder Reservoir

Most Probable Condition - 1996

October through March -- At the beginning of the water year, Pathfinder Reservoir storage was 639,382 acre-feet or 133 percent of the 1966-1995 average. Fremont Canyon Powerplant releases will be reduced during October to lower Alcova Reservoir water surface level to 5483.0 ± 1.0 foot, which is five feet below the range of the normal winter operation. The extra five feet of drawdown is to allow for maintenance included the removal of silt and debris from the area of the structure at the Casper Canal inlet structure. After work is completed, the releases from Fremont Canyon Powerplant will be increased in November to raise the level of Alcova Reservoir to 5488.0 ± 1.0 foot, the normal winter operating level. After the Alcova winter operating level is reached, releases from Pathfinder Reservoir will be adjusted to meet Gray Reef Reservoir releases and maintain the Alcova Reservoir content between 153,800 and 158,300 acre-feet. Pathfinder Reservoir storage is projected to be about 730,600 acre-feet at the end of March.

April through September -- Pathfinder Reservoir storage will reach a maximum of about 851,700 acre-feet by the end of June and be drawn down to a storage content of about 612,900 acre-feet by the end of the water year. River gains between Kortes and Pathfinder Reservoirs, including the Sweetwater River, is estimated at about 58,500 acre-feet for the April-July period under most probable inflow conditions.

In April, Fremont Canyon Powerplant releases will be coordinated with Alcova releases to refill Alcova Reservoir to its normal summer operating level of 5498 ± 1 foot.

During May through September, Fremont Canyon power releases will be scheduled to meet downstream irrigation deliveries and maintain a storage content of 177,070 to 181,940 acre-feet (5498 ± 1 foot) in Alcova Reservoir. During May and June, water releases will average approximately 1,900 c.f.s. In July and August Fremont Canyon turbine releases are expected to average approximately 2,750 c.f.s., with releases reduced in September to approximately 2,000 c.f.s.

Reasonable Minimum Condition - 1996

October through March -- Water releases for this period under a reasonable minimum inflow condition would be the same as in the most probable condition. Under this condition, gains to the river between Kortes Dam and Pathfinder Reservoir, including the Sweetwater River, are expected to be 20,100 acre-feet for the period. Pathfinder Reservoir storage will reach about 680,000 acre-feet by the end of March. Fremont Canyon Powerplant releases for the period will be scheduled to maintain approximately 156,000 acre-feet of water in Alcova Reservoir.

April through September -- River gains between Kortes Dam and Pathfinder Reservoir, including the Sweetwater River, are estimated at about 20,200 acre-feet for the April-July period under reasonable minimum inflow conditions.

In April, releases will be coordinated with Alcova releases to refill Alcova Reservoir to its normal summer operating level of 5498 ft ± 1 foot (179,400 acre-feet) by the end of April.

During April through September, Fremont Canyon power releases will be scheduled to meet Kendrick Project and downstream irrigation deliveries and maintain a storage content of approximately 179,400 acre-feet in Alcova Reservoir. Summer releases will increase to average approximately 2,750 c.f.s. during the months of June, July, August and then end the water year with approximately 1,320 c.f.s. during September. If reasonable minimum runoff develops, the reservoir content at the end of the water year will be about 407,200 acre-feet or 85 percent of average.

Reasonable Maximum Condition - 1996

October through March -- Water releases for this period under a reasonable maximum inflow condition would be the same as in the most probable condition. Under this condition, gains between Kortes Dam and Pathfinder Reservoir would be expected to be 20,200 acre-feet for the period, which would be the same as in the most probable condition. Pathfinder Reservoir content increases through this period from 685,200 acre-feet at the end of October to 884,800 acre-feet by the end of March as releases from Seminoe Reservoir are increased to generate power during the winter.

April through September -- In April, water releases from Fremont Canyon Powerplant will be increased as Alcova Reservoir is refilled to water surface elevation 5498 feet (storage content of 179,400 acre-feet). The rate of release will be increased through the summer as needed to meet downstream irrigation demands. Pathfinder Reservoir would fill to its maximum allowable content of 1,016,500 acre-feet during June while June releases average about 4,980 c.f.s. and then decrease to approximately 2,750 c.f.s. in August and further decrease to a 1,000 c.f.s. by September. A bypass release through the Jetflow valves of 264,400 acre-feet would be required during the months of April through July under maximum conditions. The Pathfinder Reservoir end of year storage content is projected to be about 834,500 acre-feet, which will be 174 percent of average.

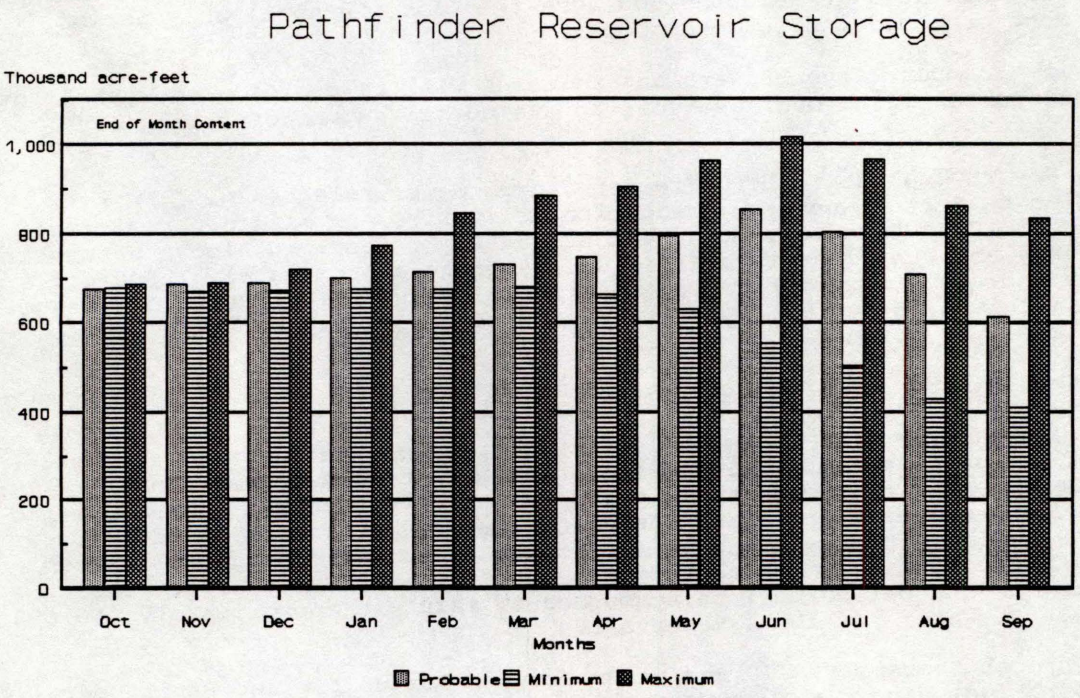


figure 13

Gains to the North Platte River
Kortes Dam to Pathfinder Dam

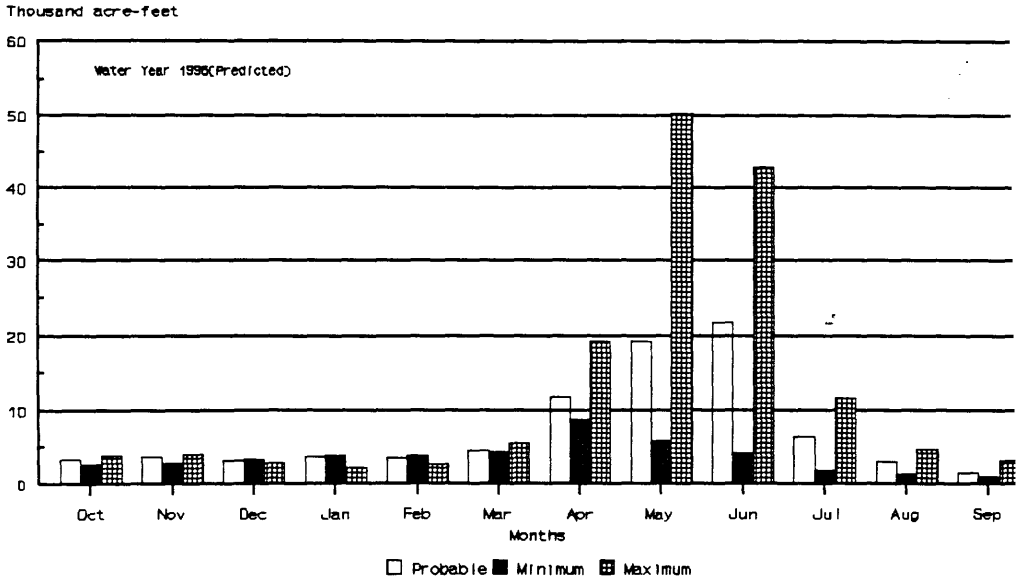


figure 14

Alcova Reservoir

Most Probable Condition - 1996

October through March -- During October, Alcova Reservoir will be drawn down to elevation 5483.0 ± 1.0 foot, which is five feet below the normal winter operating range. The extra five feet of drawdown is to allow for maintenance includes the removal of silt and debris from the area of the inlet structure at the Casper Canal inlet structure. In November the level of the reservoir will be raised to the normal winter operating level of 5488.0 ± 1.0 foot and will be maintained there through March. From October through March, releases will be maintained at approximately 500 c.f.s. for production of power, maintenance of fishery flows, pollution abatement, and transfer of water to Glendo Reservoir in preparation for meeting downstream irrigation demands during the coming irrigation season.

April through September -- During April, the Reservoir will be refilled to water surface elevation 5,498 feet (179,400 acre-feet). This level will be maintained within ± 1 foot to provide the necessary water surface elevation to make irrigation deliveries to Casper Canal and for recreational purposes. About 74,000 acre-feet of water are scheduled to be delivered during the May-September period to meet Kendrick Project irrigation requirements. Releases from Alcova Reservoir will be re-regulated in Gray Reef Reservoir.

Reasonable Minimum Condition - 1996

October through March -- Operation of Alcova Reservoir would be the same as under the most probable condition. Alcova Reservoir will remain at the normal winter operating level through March.

April through September -- During April, the Reservoir will be refilled to water surface elevation 5498 feet (179,400 acre-feet). This level will be maintained within + 1 foot to provide the necessary head for making irrigation deliveries to Casper Canal and for recreational purposes. About 84,000 acre-feet of water are scheduled to be delivered during the May-September period to meet Kendrick Project irrigation requirements.

Reasonable Maximum Condition - 1996

October through March -- Operation of Alcova Reservoir would be the same as under the most probable condition.

April through September -- During April the Reservoir will be refilled to water surface elevation 5498 feet (179,400 acre-feet). This level will be maintained within ± 1 foot to provide the necessary head for making irrigation deliveries to Casper Canal and for recreational purposes. Water delivered through the Casper Canal to the Kendrick Project for irrigation is estimated to be 74,000 acre-feet for the irrigation season.

Alcova Reservoir Storage

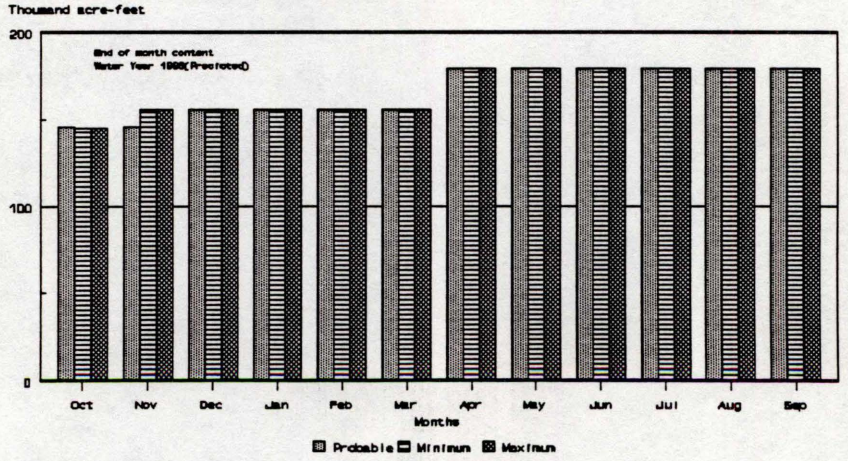


figure 15

Gray Reef Reservoir

Most Probable Condition - 1996

October through March -- the water releases from Gray Reef Dam will be maintained at approximately 500 c.f.s during this period except for October when releases will average 650 c.f.s. This will result in a winter river level similar to last year. These below average winter flows will provide more space in Glendo Reservoir which will be used to hold spring runoff which occurs below Pathfinder Dam. The 30-year average flow below Gray Reef ranges between 810 c.f.s and 1,100 c.f.s. for the months of October through March.

April through September -- Releases from Gray Reef Reservoir will average about 1,250 c.f.s. in the month of April. The May through September releases are expected to be approximately 1,600 c.f.s in May and June; 2,400 c.f.s in July and August; and 1,860 c.f.s. in September as project irrigation water is moved downstream.

Reasonable Minimum Condition - 1996

October through March -- Operation of Gray Reef Reservoir would be the same as under the most probable condition.

April through September -- Releases from Gray Reef Reservoir will average approximately 700 c.f.s. in April, increasing to 1,600 c.f.s. in May. Releases from Gray Reef Dam during June, July, and August will average 2,400 c.f.s. September releases will be reduced to average 1,150 c.f.s. These predicted flows may be redistributed as the irrigators adjust their use of water from storage.

Reasonable Maximum Condition - 1996

October through March -- Operation of Gray Reef Reservoir would be the same as under the most probable condition, except for October when only a release of 500 c.f.s. would be required.

April through September -- Releases are expected to be increased from 2,620 c.f.s. in April to a maximum monthly release of 4,670 c.f.s. during June and then decreased to a flow of about 870 c.f.s. by September.

Glendo and Guernsey Reservoirs

Most Probable Condition - 1996

October through March -- Carryover storage of 83,750 acre-feet in Glendo Reservoir on October 1, 1995 was 99 percent of average. With restorage of North Platte Project water released from Alcova and with North Platte River gains below Alcova Dam estimated to be near normal, Glendo Reservoir storage will increase to about 344,200 acre-feet by the end of March.

A constant release of 25 c.f.s. is planned for the Glendo Dam Outlet works which will provide the necessary water to maintain a year round fishery in the North Platte River between Glendo Dam and Guernsey Reservoir. The water released will be restored in Guernsey Reservoir.

Guernsey Reservoir contained 9,478 acre-feet of water at the start of water year 1996. Approximately 10,000 acre-feet of water will be transferred to the Inland Lakes during October 1995. Natural inflow, as well as the low flow releases from Glendo Dam, will be stored during the winter which will increase storage to 18,100 acre-feet by March 31.

April through September -- Glendo Reservoir storage will increase to about 415,000 acre-feet by the end of April. During April and May releases from Glendo Reservoir will be scheduled to refill Guernsey Reservoir. Releases from Glendo Reservoir during the April through September period will be based upon meeting a full irrigation demand of 1,010,000 acre-feet for the North Platte Project and 28,000 acre-feet for the Glendo Unit. Maximum Glendo Reservoir storage for the water year will be 458,400 acre-feet at the end of May. At this level, it would take approximately 59,100 acre-feet of water to fill the Reservoir to the flood pool elevation of 4635.0 ft.

Guernsey Reservoir content will be maintained near 35,000 acre-feet during May and June. Provision is made in the plan for a possible silt run in July, which will require close coordination of Glendo and Guernsey release schedules as Guernsey is drawn down to about 1,000 acre-feet in July and refilled to about 35,000 acre-feet in August. During September, releases will be scheduled to complete Glendo drawdown to about 65,000 acre-feet and to lower Guernsey Reservoir to approximately 15,000 acre-feet, anticipating moving 10,000 acre-feet to the Inland Lakes in October.

Reasonable Minimum Condition - 1996

October through March -- Guernsey Reservoir contained 9,478 acre-feet of water at the start of water year 1996. 10,000 acre-feet of water will be transferred to the Inland Lakes during October this year. Under the reasonable minimum inflow conditions the natural inflow will be stored during the winter, as well as the low flow release from Glendo Dam, which will increase the Guernsey Reservoir content to 17,200 acre-feet by March 31. Glendo Reservoir content will increase from the carryover storage of 83,750 acre-feet to a March 31 content of 381,700 acre-feet.

April through September -- Glendo Reservoir storage will increase to about 479,100 acre-feet by the end of May, which will be the largest end of month content for the year. At this level, it would take approximately 142,600 acre-feet of water to fill the Reservoir to the flood pool elevation of 4635 ft. During April and May releases from Glendo Reservoir will be scheduled to refill Guernsey Reservoir.

The operation of Glendo and Guernsey Reservoirs will be based upon making full irrigation deliveries to the Glendo Unit and the North Platte Project. The total combined North Platte System reservoir storage would be approximately 519,300 acre-feet less by the end of the water year under reasonable minimum water supply conditions than under the most probable conditions.

Guernsey Reservoir content will be maintained near 35,000 acre-feet during May through August. Provision is made in the plan for a possible silt run in July, which will require close coordination of Glendo and Guernsey release schedules as Guernsey is drawn down to about 1,000 acre-feet in July and refilled in August. September, releases will be made to meet irrigation requirements leaving 65,000 acre-feet of water in Glendo Reservoir at years end. Guernsey Reservoir content on September 30 will be 15,000 acre-feet under minimum conditions.

Reasonable Maximum Condition - 1996

October through March -- Guernsey Reservoir contained 3,048 acre-feet of water at the start of water year 1996. 10,000 acre-feet of water will be transferred to the Inland Lakes in October. Under the reasonable maximum inflow conditions, the natural inflow as well as the 25 c.f.s. river maintenance release from Glendo will be stored during the winter, which will increase the reservoir content to 18,800 acre-feet by March 31. Glendo Reservoir content is expected to increase from the starting content of 83,750 acre-feet to an end of March content of 387,900 acre-feet.

April through September -- Guernsey Reservoir content reaches a maximum end of month content of 35,500 acre-feet in June. Under reasonable maximum conditions Glendo Reservoir conservation capacity of 517,500 acre-feet will fill, and the flood pool will be entered during April. Maximum Glendo Reservoir storage for the water year will be 789,400 acre-feet at the end of May. Provision is made in the plan for a possible silt run in July, which will require close coordination of Glendo and Guernsey release schedules as Guernsey is drawn down to about 1,000 acre-feet in July and refilled in August. During September releases will be scheduled to lower Guernsey Reservoir to approximately 15,500 acre-feet anticipating moving 10,000 acre-feet to the Inland Lakes in October.

The operating plan shown assumes no downstream flow restrictions and normal irrigation deliveries. Glendo storage is projected to decrease to about 440,500 acre-feet by the end of July and will be about 73,800 acre-feet by the end of September. This end of year Glendo storage would be 87 percent of average and the total System storage at the end of the water year of 2,109,100 acre-feet (excluding about 5,900 acre-feet of storage in Kortes and Gray Reef Reservoirs) would be 144 percent of average for the major reservoirs on the North Platte River.

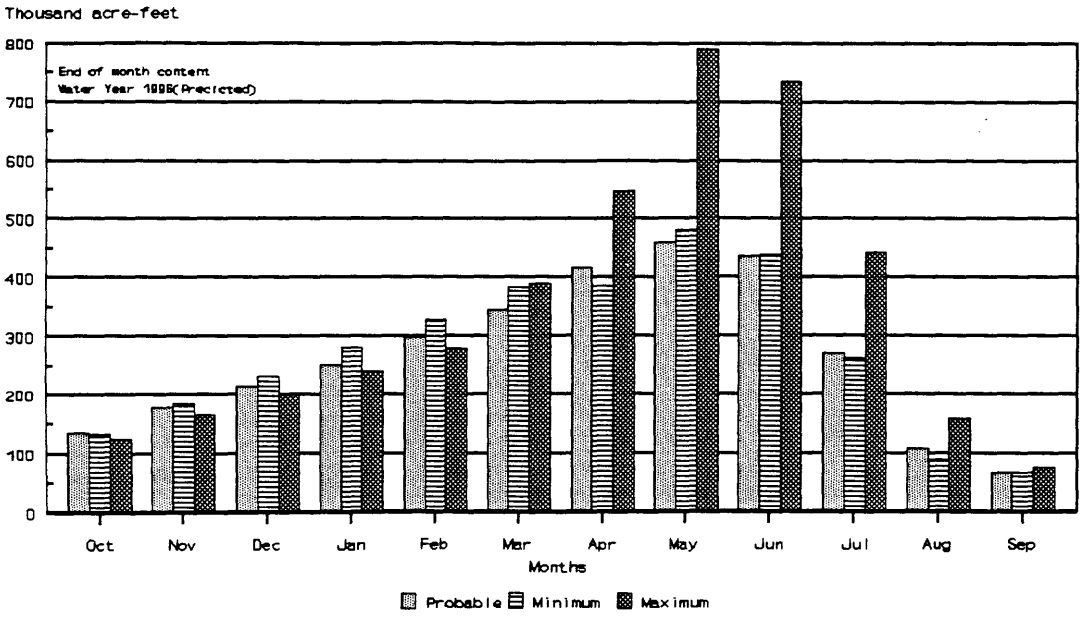


figure 16

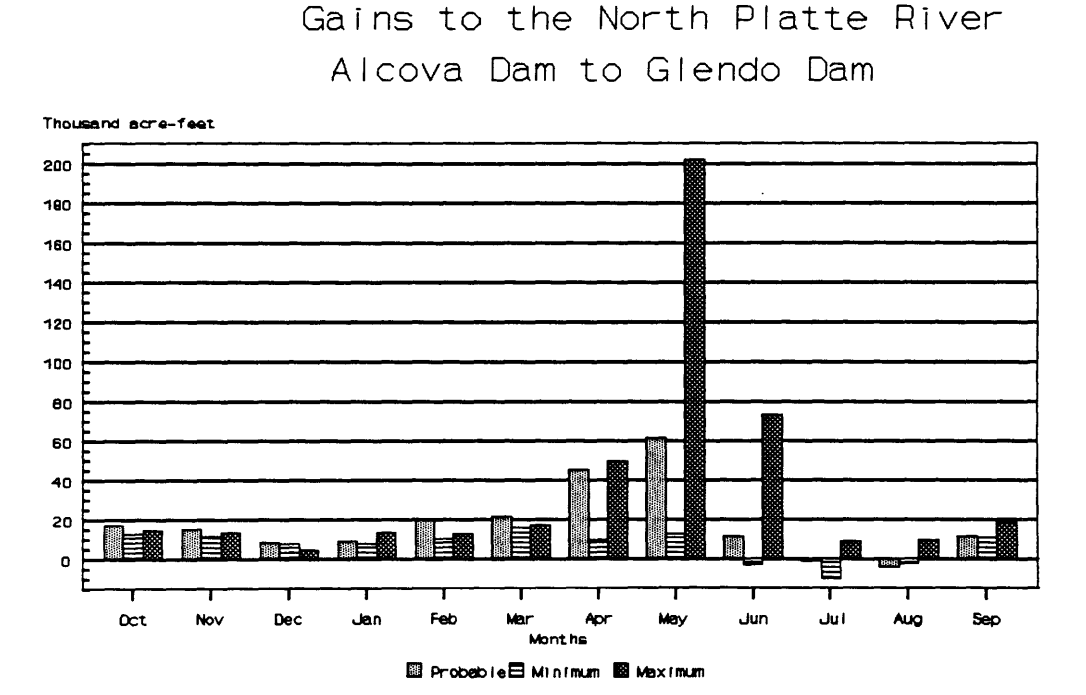


figure 17

Guernsey Reservoir Storage

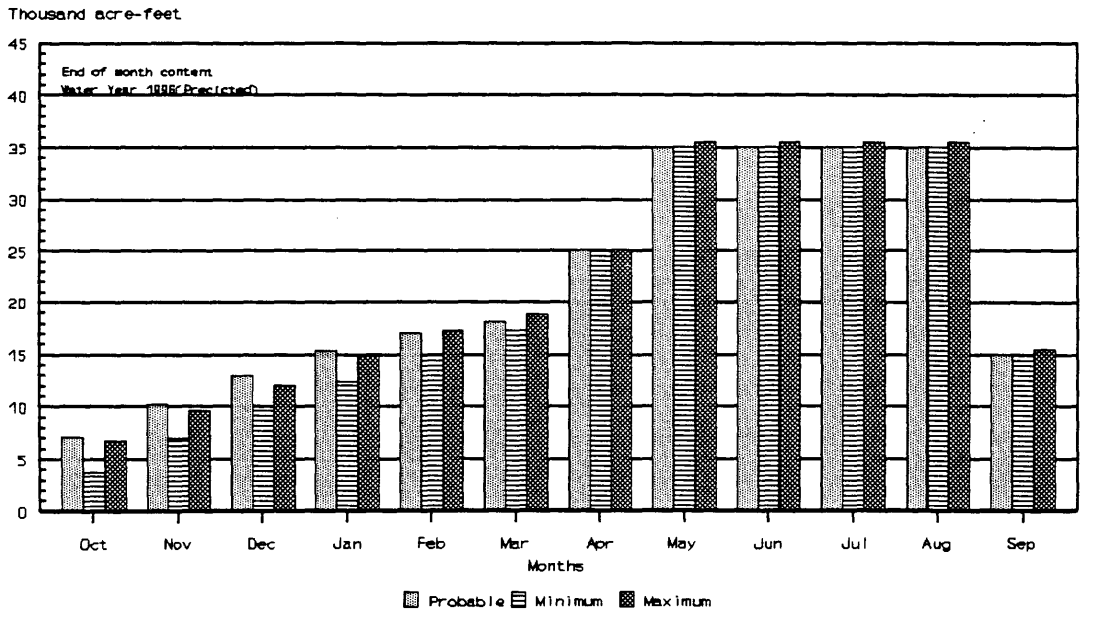
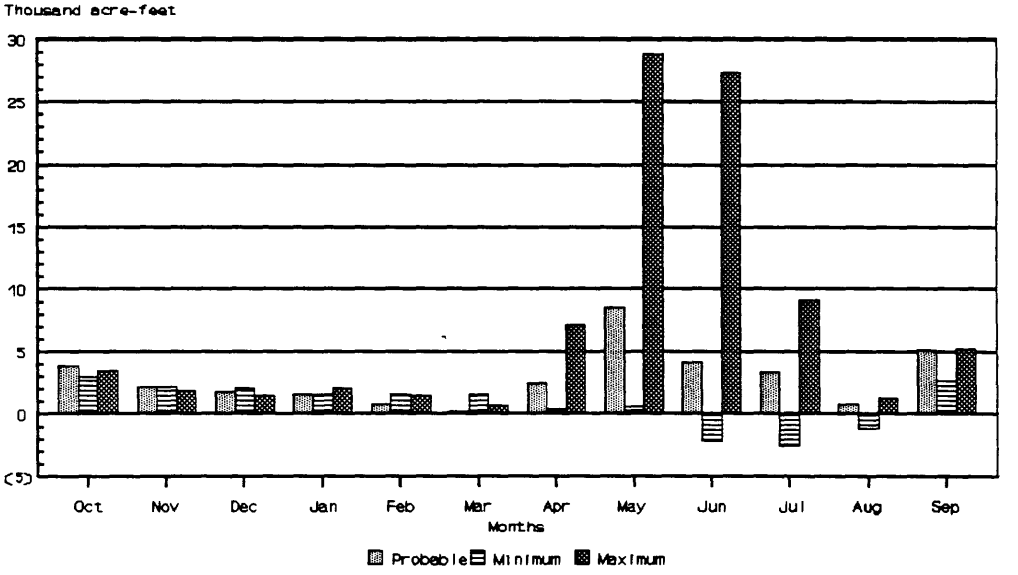


figure 18

Gains to the North Platte River
Glendo Dam to Guernsey Dam



Most Probable Condition - 1996

At the close of water year 1996 the North Platte Project storage ownership is expected to be near 528,100 acre-feet (122 percent of average); the Kendrick Project storage ownership is expected to be near 1,120,600 acre-feet (126 percent of average). Glendo storage ownership at the end of water year 1996 is expected to be near average with an end-of-season content of 138,800 acre-feet. All storage water ownerships in the North Platte River System will fill during the water year under most probable conditions.

Reasonable Minimum Condition - 1996

The North Platte Project storage ownership is expected to be 334,600 acre-feet at the close of the water year compared to 528,100 acre-feet with the most probable runoff conditions. The North Platte Project ownership will fill during the water year under minimum conditions. The Kendrick Project storage ownership is expected to be near 787,300 acre-feet which is 89 percent of average at the close of the water year. The Kendrick Project ownership will accrue approximately 150,000 Af under the reasonable minimum conditions. Glendo storage ownership is expected to be near 146,900 acre-feet (104 percent of average) at the close of water year 1996 under the reasonable minimum runoff conditions. The Glendo Unit ownership will fill during the water year.

Reasonable Maximum Condition - 1996

All storage water ownerships in the North Platte River System will fill during the water year. About 594,700 acre-feet of water, which is excess to the North Platte System ownerships, will be released from the System if the reasonable maximum runoff develops in the pattern that was assumed. Irrigation deliveries of 945,000 acre-feet are projected for the North Platte River Project during April through September and irrigation deliveries of 28,000 acre-feet are projected for the Glendo Unit.

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Oct 1995

HYDROLOGY OPERATIONS

Seminoe Reservoir Operations — Initial Content 836.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	28.9	27.3	23.1	19.9	21.7	52.6	117.1	241.9	322.4	98.7	37.1	22.2
Total Inflow	cfs	470.	459.	376.	324.	377.	855.	1968.	3934.	5418.	1605.	603.	373.
Turbine Release	kaf	43.0	41.6	42.9	43.0	40.2	42.9	101.5	140.9	154.7	119.9	75.3	29.8
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	43.0	41.6	42.9	43.0	40.2	42.9	101.5	140.9	154.7	119.9	75.3	29.8
Total Release	cfs	699.	699.	698.	699.	699.	698.	1706.	2292.	2600.	1950.	1225.	501.
Evaporation	kaf	4.9	2.6	1.4	1.3	1.3	2.7	5.2	5.4	9.7	11.3	9.4	6.7
End-month content	kaf	819.6	803.0	782.2	758.3	739.1	746.5*	757.0*	850.0*	1007.0*	975.0*	928.0*	914.1#
End-month elevation	ft	6346.4	6345.4	6344.2	6342.7	6341.5	6342.0	6342.6	6348.2	6356.5	6354.9	6352.4	6351.7

Kortes Reservoir Operations — Initial Content 4.7 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	43.0	41.6	42.9	43.0	40.2	42.9	101.5	140.9	154.7	119.9	75.3	29.8
Total Inflow	cfs	699.	699.	698.	699.	699.	698.	1706.	2292.	2600.	1950.	1225.	501.
Turbine Release	kaf	42.9	41.6	42.9	43.0	40.2	42.9	101.5	140.9	154.7	119.9	75.3	29.8
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	42.9	41.6	42.9	43.0	40.2	42.9	101.5	140.9	154.7	119.9	75.3	29.8
Total Release	cfs	698.	699.	698.	699.	699.	698.	1706.	2292.	2600.	1950.	1225.	501.

Pathfinder Reservoir Operations — Initial Content 640.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Sweetwater Inflow	kaf	3.3	3.5	3.1	3.6	3.4	4.4	11.6	19.1	21.6	6.2	2.8	1.4
Kortes-Path Gain	kaf	0.4	-0.6	-1.7	-2.4	0.1	4.5	8.0	9.1	5.3	6.5	5.2	1.0
Inflow from Kortes	kaf	42.9	41.6	42.9	43.0	40.2	42.9	101.5	140.9	154.7	119.9	75.3	29.8
Total Inflow	kaf	46.6	44.5	44.3	44.2	43.7	51.8	121.1	169.1	181.6	132.6	83.3	32.2
Total Inflow	cfs	758.	748.	720.	719.	760.	842.	2035.	2750.	3052.	2157.	1355.	541.
Turbine Release	kaf	8.6	30.1	40.8	30.9	29.0	31.1	98.6	114.4	113.6	169.1	168.7	119.1
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	8.6	30.1	40.8	30.9	29.0	31.1	98.6	114.4	113.6	169.1	168.7	119.1
Total Release	cfs	140.	506.	664.	503.	504.	506.	1657.	1861.	1909.	2750.	2744.	2002.
Evaporation	kaf	4.5	2.5	1.4	1.4	1.4	3.0	5.7	7.2	11.2	12.5	10.4	7.1
End-month content	kaf	673.7	685.6	687.7	699.6	712.9	730.6	747.4	794.9	851.7	802.7	706.9	612.9
End-month elevation	ft	5832.2	5833.0	5833.1	5833.8	5834.6	5835.6	5836.6	5839.2	5842.2	5839.6	5834.2	5828.3

Alcova Reservoir Operations — Initial Content 178.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	8.6	30.1	40.8	30.9	29.0	31.1	98.6	114.4	113.6	169.1	168.7	119.1
Total Inflow	cfs	140.	506.	664.	503.	504.	506.	1657.	1861.	1909.	2750.	2744.	2002.
Turbine Release	kaf	40.2	29.8	30.7	30.7	28.8	30.7	74.3	98.4	95.2	98.4	98.4	95.2
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.1	51.9	15.8
Casper Canal Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0	18.0	17.0	7.0
Total Release	kaf	40.2	29.8	30.7	30.7	28.8	30.7	74.3	113.4	112.2	167.5	167.3	118.0
Total Release	cfs	654.	501.	499.	499.	501.	499.	1249.	1844.	1886.	2724.	2721.	1983.
Evaporation	kaf	0.6	0.3	0.2	0.2	0.2	0.4	0.8	1.0	1.4	1.6	1.4	1.1
End-month content	kaf	146.0*	146.0*	155.9*	155.9*	155.9*	155.9*	179.4*	179.4*	179.4*	179.4*	179.4*	179.4*
End-month elevation	ft	5483.5	5483.5	5487.9	5487.9	5487.9	5487.9	5498.0	5498.0	5498.0	5498.0	5498.0	5498.0

NORTH PLATTE RIVER OPERATING PLAN
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Gray Reef Reservoir Operations — Initial Content 1.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	40.2	29.8	30.7	30.7	28.8	30.7	74.3	98.4	95.2	149.5	150.3	111.0
Total Inflow	cfs	654.	501.	499.	499.	501.	499.	1249.	1600.	1600.	2431.	2444.	1865.
Total Release	kaf	39.5	29.8	30.7	30.7	28.8	30.7	74.2	98.3	95.1	149.4	150.2	110.9
Total Release	cfs	642.	501.	499.	499.	501.	499.	1247.	1599.	1598.	2430.	2443.	1864.

Glendo Reservoir Operations — Initial Content 82.8 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Alcova-Glendo Gain	kaf	16.7	15.1	8.0	8.8	19.2	21.2	45.3	61.3	11.2	-1.1	-4.5	11.5
Infl from Gray Reef	kaf	39.5	29.8	30.7	30.7	28.8	30.7	74.2	98.3	95.1	149.4	150.2	110.9
Total Inflow	kaf	56.2	44.9	38.7	39.5	48.0	51.9	119.5	159.6	106.3	148.3	145.7	122.4
Total Inflow	cfs	914.	755.	629.	642.	834.	844.	2008.	2596.	1786.	2412.	2370.	2057.
Turbine Release	kaf	2.4	0.0	0.0	0.0	0.0	0.0	44.2	110.7	122.6	224.2	218.2	161.1
Low Flow Release	kaf	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Irrigation Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.3	83.7	0.0
Total Release	kaf	3.9	1.5	1.5	1.5	1.5	1.5	45.7	112.2	124.1	309.0	303.4	162.6
Total Release	cfs	63.	25.	24.	24.	26.	24.	768.	1825.	2086.	5025.	4934.	2733.
Evaporation	kaf	0.9	0.7	0.6	0.7	0.8	1.5	2.9	4.5	6.3	6.0	3.6	1.6
End-month content	kaf	133.6*	176.1	212.6	249.8	295.4	344.2#	415.0*	458.4*	434.5*	268.0*	106.7*	65.0*
End-month elevation	ft	4587.9	4595.8	4601.6	4606.8	4612.7	4618.4	4625.8	4629.9	4627.7	4609.3	4581.9	4570.6

Guernsey Reservoir Operations — Initial Content 9.5 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Glendo-Guerns Gain	kaf	3.8	2.1	1.7	1.5	0.7	0.2	2.4	8.5	4.1	3.3	0.7	5.1
Inflow from Glendo	kaf	3.9	1.5	1.5	1.5	1.5	1.5	45.7	112.2	124.1	309.0	303.4	162.6
Total Inflow	kaf	7.7	3.6	3.2	3.0	2.2	1.7	48.1	120.7	128.2	312.3	304.1	167.7
Total Inflow	cfs	125.	60.	52.	49.	38.	28.	808.	1963.	2154.	5079.	4946.	2818.
Turbine Release	kaf	9.7	0.0	0.0	0.0	0.0	0.0	40.3	53.3	50.9	52.6	52.6	52.3
Seepage	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	1.2	3.0	3.1	2.5	2.1
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.5	73.1	255.3	247.9	132.6
Total Release	kaf	10.0	0.2	0.3	0.4	0.3	0.3	40.7	110.0	127.0	311.0	303.0	187.0
Total Release	cfs	163.	3.	5.	7.	5.	5.	684.	1789.	2134.	5058.	4928.	3143.
Evaporation	kaf	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.7	1.2	1.3	1.1	0.7
End-month content	kaf	7.0*	10.2	12.9	15.3	17.0#	18.1#	25.0*	35.0*	35.0*	35.0*	35.0*	15.0*
End-month elevation	ft	4397.2	4400.5	4402.8	4404.5	4405.7	4406.4	4410.4	4415.3	4415.3	4415.3	4415.3	4404.3

NORTH PLATTE RIVER OPERATING PLAN
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OWNERSHIP OPERATIONS

North Platte Pathfinder

Initial Ownership 758.3 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	27.7	27.5	22.8	19.4	23.5	57.9	89.4	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	4.9	2.7	1.7	1.7	1.7	3.6	7.0	9.0	13.0	13.0	10.7	5.9
Deliv fm Ownership	kaf	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.3	253.7	133.8
End-month Ownership	kaf	776.0	803.5	826.3	845.7	869.2	927.1	1016.5	1007.5	994.5	932.2	667.8	528.1

North Platte Guernsey

Initial Ownership 0.0 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	0.0	0.0	9.4	9.9	19.6	6.7	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.0	0.3	0.4	0.3	0.4	0.4	0.4	0.6	0.6	0.0	0.0
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.6	0.0	0.0
End-month Ownership	kaf	0.0	0.0	9.4	19.3	38.9	45.6	45.2	44.8	44.2	0.0	0.0	0.0

Inland Lakes

Initial Ownership 0.0 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	20.5	16.9	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.3	0.1	0.1	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0
Trnsfr fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	40.7	0.0	0.0	0.0	0.0	0.0
End-month Ownership	kaf	20.5	37.4	37.3	37.2	37.1	36.9	0.0	0.0	0.0	0.0	0.0	0.0

Kendrick

Initial Ownership 818.3 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	34.2	207.5	158.2	0.0	0.0	0.0
Evaporation	kaf	5.2	2.9	1.7	1.7	1.7	3.3	6.1	7.4	13.4	15.7	13.4	10.0
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	17.0	7.0
End-month Ownership	kaf	813.1	810.2	808.5	806.8	805.1	801.8	836.0	1043.5	1201.7	1168.0	1137.6	1120.6

Glendo Unit

Initial Ownership 170.9 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	1.1	0.6	0.3	0.3	0.4	0.7	1.3	1.6	2.2	2.2	1.8	1.4
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	8.0	12.0
End-month Ownership	kaf	169.8	169.2	168.9	168.6	168.2	175.3	174.0	172.4	170.2	162.0	152.2	138.8

Excess to Ownership

Initial Ownership 1.8 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	6.5	43.6	0.0	49.0	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.6	1.3	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.5	0.0	0.0
End-month total	kaf	1.8	1.8	1.8	1.8	1.8	8.3	51.8	51.4	99.8	0.0	0.0	0.0

NORTH PLATTE RIVER OPERATING PLAN
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City of Cheyenne — Initial Ownership 1.5 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Inflow	kaf	2.4	0.3	0.4	0.5	0.6	0.4	0.1	0.0	0.0	0.5	0.6	0.4
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.0	0.0	0.0	0.0
Ownership	kaf	3.9	4.2	4.6	5.1	5.7	6.1	6.2	3.5	2.4	2.9	3.4	3.8

Pacificorp — Initial Ownership 2.0 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.2	0.0	0.1
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Release	kaf	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	1.4	1.2	1.1	1.0	0.9	0.8	0.7	1.2	1.4	1.6	1.6	1.7

Other — Initial Ownership 0.0 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IRRIGATION DELIVERY

Kendrick (Casper Canal)		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Requested	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0	18.0	17.0	7.0
Delivered	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0	18.0	17.0	7.0

Kendrick (River)		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Requested	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delivered	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Guernsey Deliveries		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
North Platte Req	kaf	10.0	0.0	0.0	0.0	0.0	0.0	0.0	110.0	125.0	305.0	295.0	175.0
Glendo Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.0	8.0	12.0
Inland Lakes Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	40.7	0.0	0.0	0.0	0.0	0.0
Total Requirement	kaf	10.0	0.0	0.0	0.0	0.0	0.0	40.7	110.0	127.0	311.0	303.0	187.0
Seepage	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	1.2	3.0	3.1	2.5	2.1
Actual Release	kaf	10.0	0.2	0.3	0.4	0.3	0.3	40.7	110.0	127.0	311.0	303.0	187.0

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POWER GENERATION

Seminoe Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	43.0	41.6	42.9	43.0	40.2	42.9	101.5	140.9	154.7	119.9	75.3	29.8
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	24.255	27.040	29.123	33.420	31.321	33.487	32.408	33.373	31.540	32.002	32.379	31.573
Actual generation	gwh	7.525	7.238	7.459	7.396	6.896	7.333	17.441	24.517	27.691	21.641	13.523	5.322
Percent max generation		31.	27.	26.	22.	22.	22.	54.	73.	88.	68.	42.	17.
Average kwh/af		175.	174.	174.	172.	172.	171.	172.	174.	179.	180.	180.	179.

Kortes Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	42.9	41.6	42.9	43.0	40.2	42.9	101.5	140.9	154.7	119.9	75.3	29.8
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	27.709	26.712	23.461	21.259	17.303	24.011	26.712	27.606	26.712	27.606	27.606	26.712
Actual generation	gwh	7.379	7.155	7.379	7.396	6.914	7.379	17.458	24.235	26.608	20.623	12.952	5.126
Percent max generation		27.	27.	31.	35.	40.	31.	65.	88.	100.	75.	47.	19.
Average kwh/af		172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.

Fremont Canyon		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	8.6	30.1	40.8	30.9	29.0	31.1	98.6	114.4	113.6	169.1	168.7	119.1
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	45.889	23.197	26.777	31.897	43.347	46.473	45.112	46.919	45.661	47.198	46.771	44.422
Actual generation	gwh	2.334	8.205	11.137	8.446	7.946	8.547	27.189	31.742	31.706	47.198	46.661	32.339
Percent max generation		5.	35.	42.	26.	18.	18.	60.	68.	69.	100.	100.	73.
Average kwh/af		271.	273.	273.	273.	274.	275.	276.	277.	279.	279.	277.	272.

Alcova Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	40.2	29.8	30.7	30.7	28.8	30.7	74.3	98.4	95.2	98.4	98.4	95.2
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.1	51.9	15.8
Maximum generation	gwh	13.486	14.022	14.117	13.736	12.852	13.736	13.138	13.776	13.328	13.776	13.776	13.328
Actual generation	gwh	5.510	4.053	4.175	4.175	3.917	4.175	10.253	13.776	13.328	13.776	13.776	13.328
Percent max generation		41.	29.	30.	30.	30.	30.	78.	100.	100.	100.	100.	100.
Average kwh/af		137.	136.	136.	136.	136.	136.	138.	140.	140.	140.	140.	140.

Glendo Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	2.4	0.0	0.0	0.0	0.0	0.0	44.2	110.7	122.6	224.2	218.2	161.1
Bypass	kaf	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	84.8	85.2	1.5
Maximum generation	gwh	13.041	8.823	14.247	12.025	9.808	22.418	23.344	25.764	25.204	23.320	17.616	11.349
Actual generation	gwh	0.152	0.000	0.000	0.000	0.000	0.000	4.694	12.246	13.655	23.320	17.616	9.405
Percent max generation		1.	0.	0.	0.	0.	0.	20.	48.	54.	100.	100.	83.
Average kwh/af		63.	0.	0.	0.	0.	0.	106.	111.	111.	104.	81.	58.

Guernsey Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	9.7	0.0	0.0	0.0	0.0	0.0	40.3	53.3	50.9	52.6	52.6	52.3
Bypass	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	56.7	76.1	258.4	250.4	134.7
Maximum generation	gwh	3.229	1.825	2.682	2.128	2.126	3.603	3.574	3.838	3.716	3.840	3.840	3.609
Actual generation	gwh	0.509	0.000	0.000	0.000	0.000	0.000	2.697	3.838	3.716	3.840	3.840	3.609
Percent max generation		16.	0.	0.	0.	0.	0.	75.	100.	100.	100.	100.	100.
Average kwh/af		52.	0.	0.	0.	0.	0.	67.	72.	73.	73.	73.	69.

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PROJECT GENERATION SUMMARY

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Base Generation:													
Glendo	gwh	0.152	0.000	0.000	0.000	0.000	0.000	4.694	12.246	13.655	23.320	17.616	9.405
Guernsey	gwh	0.509	0.000	0.000	0.000	0.000	0.000	2.697	3.838	3.716	3.840	3.840	3.609
Total	gwh	0.661	0.000	0.000	0.000	0.000	0.000	7.391	16.084	17.371	27.160	21.456	13.014
Load Following Generation:													
Seminoe	gwh	7.525	7.238	7.459	7.396	6.896	7.333	17.441	24.517	27.691	21.641	13.523	5.322
Kortes	gwh	7.379	7.155	7.379	7.396	6.914	7.379	17.458	24.235	26.608	20.623	12.952	5.126
Fremont Canyon	gwh	2.334	8.205	11.137	8.446	7.946	8.547	27.189	31.742	31.706	47.198	46.661	32.339
Alcova	gwh	5.510	4.053	4.175	4.175	3.917	4.175	10.253	13.776	13.328	13.776	13.776	13.328
Total	gwh	22.748	26.651	30.150	27.413	25.673	27.434	72.341	94.270	99.333	103.238	86.912	56.115
Total Generation	gwh	23.409	26.651	30.150	27.413	25.673	27.434	79.732	110.354	116.704	130.398	108.368	69.129
Total Capability	gwh	127.609	101.619	110.407	114.465	116.757	143.728	144.288	151.276	146.161	147.742	141.988	130.993

PROJECT RELEASE FLEXIBILITY

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Seminoe	Min kaf	34.4	29.8	30.8	30.8	28.8	30.8	101.5	140.9	154.7	119.9	75.3	29.8
	Max kaf	102.6	98.0	99.0	99.0	97.0	99.0	101.5	140.9	154.7	119.9	75.3	29.8
	Min gwh	6.020	5.185	5.355	5.298	4.940	5.265	17.441	24.517	27.691	21.641	13.523	5.322
	Max gwh	17.955	17.052	17.213	17.028	16.638	16.923	17.441	24.517	27.691	21.641	13.523	5.322
Kortes	Min kaf	34.3	29.8	30.8	30.8	28.8	30.8	101.5	140.9	154.7	119.9	75.3	29.8
	Max kaf	102.5	98.0	99.0	99.0	97.0	99.0	101.5	140.9	154.7	119.9	75.3	29.8
	Min gwh	5.900	5.126	5.298	5.298	4.954	5.298	17.458	24.235	26.608	20.623	12.952	5.126
	Max gwh	17.630	16.856	17.028	17.028	16.684	17.028	17.458	24.235	26.608	20.623	12.952	5.126
Fremont Canyon	Min kaf	8.6	30.1	40.8	30.9	29.0	31.1	98.6	114.4	113.6	169.1	168.7	119.1
	Max kaf	8.6	30.1	40.8	30.9	29.0	31.1	98.6	114.4	113.6	169.1	168.7	119.1
	Min gwh	2.334	8.205	11.137	8.446	7.946	8.547	27.189	31.742	31.706	47.198	46.661	32.339
	Max gwh	2.334	8.205	11.137	8.446	7.946	8.547	27.189	31.742	31.706	47.198	46.661	32.339
Alcova	Min kaf	40.2	29.8	30.7	30.7	28.8	30.7	74.3	98.4	95.2	149.5	150.3	111.0
	Max kaf	40.2	29.8	30.7	30.7	28.8	30.7	74.3	98.4	95.2	149.5	150.3	111.0
	Min gwh	5.510	4.053	4.175	4.175	3.917	4.175	10.253	13.776	13.328	13.776	13.776	13.328
	Max gwh	5.510	4.053	4.175	4.175	3.917	4.175	10.253	13.776	13.328	13.776	13.776	13.328
Load Following	Min gwh	19.764	22.569	25.965	23.217	21.757	23.285	72.341	94.270	99.333	103.238	86.912	56.115
	Max gwh	43.429	46.166	49.553	46.677	45.185	46.673	72.341	94.270	99.333	103.238	86.912	56.115
Total Project	Min gwh	20.425	22.569	25.965	23.217	21.757	23.285	79.732	110.354	116.704	130.398	108.368	69.129
	Max gwh	44.090	46.166	49.553	46.677	45.185	46.673	79.732	110.354	116.704	130.398	108.368	69.129

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GENERATION CAPACITY AND DURATION

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Project Generation													
Base Generation:													
Glendo	mw	0.2	0.0	0.0	0.0	0.0	0.0	6.5	16.5	19.0	31.3	23.7	13.1
Guernsey	mw	0.7	0.0	0.0	0.0	0.0	0.0	3.7	5.2	5.2	5.2	5.2	5.0
Total Base Load	mw	0.9	0.0	0.0	0.0	0.0	0.0	10.2	21.7	24.2	36.5	28.9	18.1
Load Following Generation:													
Seminoe													
Min Capacity	mw	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.2	11.2	9.6	12.0	12.0	12.0
Max Capacity	mw	11.6	11.0	11.6	11.6	10.5	11.6	35.5	45.0	45.0	42.0	24.9	6.3
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	11.8	12.8	14.4	12.0	12.0	12.0
Kortes													
Min Capacity	mw	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Duration	mw	11.4	11.4	11.4	11.4	11.3	11.4	11.5	5.4	3.1	8.9	11.6	12.0
Max Capacity	mw	12.2	11.7	12.2	12.3	11.1	12.2	35.1	36.0	36.0	36.0	24.2	7.0
Duration	mw	12.6	12.6	12.6	12.6	12.7	12.6	12.5	18.6	20.9	15.1	12.4	12.0
Fremont Canyon													
Min Capacity	mw	0.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	66.0	66.0	7.5
Duration	mw	0.0	12.0	12.0	12.0	12.0	12.0	10.9	8.2	8.3	12.0	12.0	7.3
Max Capacity	mw	0.0	16.6	26.2	17.3	15.6	17.5	65.3	66.0	66.0	66.0	66.0	66.0
Duration	mw	0.0	12.0	12.0	12.0	12.0	12.0	13.1	15.8	15.7	12.0	12.0	16.7
Alcova													
Min Capacity	mw	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Max Capacity	mw	12.0	7.7	8.1	8.1	7.3	8.1	22.3	31.4	30.1	31.4	31.4	30.1
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Total Load Following													
Min Capacity	mw	16.3	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	82.3	82.3	23.8
Max Capacity	mw	35.8	47.0	58.1	49.3	44.5	49.4	158.2	178.4	177.1	175.4	146.5	109.4
Total Project Capacity													
Min Capacity	mw	17.2	23.8	23.8	23.8	23.8	23.8	34.0	45.5	48.0	118.8	111.2	41.9
Max Capacity	mw	36.7	47.0	58.1	49.3	44.5	49.4	168.4	200.1	201.3	211.9	175.4	127.5

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HYDROLOGY OPERATIONS

Seminoe Reservoir Operations — Initial Content 836.7 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	26.5	24.5	22.4	18.6	21.5	47.0	79.2	123.5	121.0	32.3	18.6	13.1
Total Inflow	cfs	431.	412.	364.	303.	374.	764.	1331.	2009.	2033.	525.	303.	220.
Turbine Release	kaf	43.0	41.6	43.0	42.9	40.2	42.9	41.6	81.0	86.4	118.5	92.0	58.5
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	43.0	41.6	43.0	42.9	40.2	42.9	41.6	81.0	86.4	118.5	92.0	58.5
Total Release	cfs	699.	699.	699.	698.	699.	698.	699.	1317.	1452.	1927.	1496.	983.
Evaporation	kaf	4.8	2.6	1.4	1.3	1.3	2.7	5.2	5.3	8.7	9.3	7.2	4.9
End-month content	kaf	816.5	797.1	775.5	750.4	731.0	732.9	765.5*	800.0*	825.0*	730.0*	650.0*	600.0*
End-month elevation	ft	6346.2	6345.1	6343.8	6342.2	6341.0	6341.1	6343.2	6345.3	6346.7	6340.9	6335.5	6331.9

Kortes Reservoir Operations — Initial Content 4.7 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	43.0	41.6	43.0	42.9	40.2	42.9	41.6	81.0	86.4	118.5	92.0	58.5
Total Inflow	cfs	699.	699.	699.	698.	699.	698.	699.	1317.	1452.	1927.	1496.	983.
Turbine Release	kaf	42.9	41.6	43.0	42.9	40.2	42.9	41.6	81.0	86.4	118.5	92.0	58.5
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	42.9	41.6	43.0	42.9	40.2	42.9	41.6	81.0	86.4	118.5	92.0	58.5
Total Release	cfs	698.	699.	699.	698.	699.	698.	699.	1317.	1452.	1927.	1496.	983.

Pathfinder Reservoir Operations — Initial Content 643.9 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Sweetwater Inflow	kaf	2.5	2.7	3.2	3.7	3.8	4.2	8.7	5.7	4.1	1.7	1.2	0.9
Kortes-Path Gain	kaf	2.3	1.0	1.7	-0.1	-0.1	3.8	2.9	3.3	4.8	7.4	8.0	3.2
Inflow from Kortes	kaf	42.9	41.6	43.0	42.9	40.2	42.9	41.6	81.0	86.4	118.5	92.0	58.5
Total Inflow	kaf	47.7	45.3	47.9	46.5	43.9	50.9	53.2	90.0	95.3	127.6	101.2	62.6
Total Inflow	cfs	776.	761.	779.	756.	763.	828.	894.	1464.	1602.	2075.	1646.	1052.
Turbine Release	kaf	9.7	52.5	43.2	43.1	40.4	43.3	66.0	116.4	163.6	169.0	168.7	78.9
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	9.7	52.5	43.2	43.1	40.4	43.3	66.0	116.4	163.6	169.0	168.7	78.9
Total Release	cfs	158.	882.	703.	701.	702.	704.	1109.	1893.	2749.	2749.	2744.	1326.
Evaporation	kaf	4.5	2.5	1.4	1.3	1.4	2.8	5.3	6.2	8.5	8.5	6.8	4.8
End-month content	kaf	677.4	667.7	671.0	673.1	675.2	680.0	661.9	629.3	552.5	502.6	428.3	407.2
End-month elevation	ft	5832.5	5831.9	5832.1	5832.2	5832.3	5832.6	5831.5	5829.4	5824.1	5820.3	5814.0	5812.0

Alcova Reservoir Operations — Initial Content 179.6 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	9.7	52.5	43.2	43.1	40.4	43.3	66.0	116.4	163.6	169.0	168.7	78.9
Total Inflow	cfs	158.	882.	703.	701.	702.	704.	1109.	1893.	2749.	2749.	2744.	1326.
Turbine Release	kaf	43.3	41.6	43.0	42.9	40.2	42.9	41.7	98.4	95.2	98.4	98.4	68.8
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0	49.0	49.9	0.0
Casper Canal Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	19.0	20.0	19.0	9.0
Total Release	kaf	43.3	41.6	43.0	42.9	40.2	42.9	41.7	115.4	162.2	167.4	167.3	77.8
Total Release	cfs	704.	699.	699.	698.	699.	698.	701.	1877.	2726.	2723.	2721.	1307.
Evaporation	kaf	0.7	0.3	0.2	0.2	0.2	0.4	0.8	1.0	1.4	1.6	1.4	1.1
End-month content	kaf	145.3*	155.9*	155.9*	155.9*	155.9*	155.9*	179.4*	179.4*	179.4*	179.4*	179.4*	179.4*
End-month elevation	ft	5483.1	5487.9	5487.9	5487.9	5487.9	5487.9	5498.0	5498.0	5498.0	5498.0	5498.0	5498.0

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Gray Reef Reservoir Operations Initial Content 1.5 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	43.3	41.6	43.0	42.9	40.2	42.9	41.7	98.4	143.2	147.4	148.3	68.8
Total Inflow	cfs	704.	699.	699.	698.	699.	698.	701.	1600.	2407.	2397.	2412.	1156.
Total Release	kaf	42.9	41.6	43.0	42.9	40.2	42.9	41.6	98.3	143.1	147.3	148.2	68.7
Total Release	cfs	698.	699.	699.	698.	699.	698.	699.	1599.	2405.	2396.	2410.	1155.

Glendo Reservoir Operations Initial Content 79.6 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Alcova-Glendo Gain	kaf	12.7	11.3	7.4	7.4	9.9	15.7	9.3	12.2	-3.0	-10.3	-2.5	10.9
Infl from Gray Reef	kaf	42.9	41.6	43.0	42.9	40.2	42.9	41.6	98.3	143.1	147.3	148.2	68.7
Total Inflow	kaf	55.6	52.9	50.4	50.3	50.1	58.6	50.9	110.5	140.1	137.0	145.7	79.6
Total Inflow	cfs	904.	889.	820.	818.	871.	953.	855.	1797.	2354.	2228.	2370.	1338.
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	44.1	9.9	174.9	223.9	216.1	98.7
Low Flow Release	kaf	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Irrigation Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.5	96.7	0.0
Total Release	kaf	1.5	1.5	1.5	1.5	1.5	1.5	45.6	11.4	176.4	308.9	314.3	100.2
Total Release	cfs	24.	25.	24.	24.	26.	24.	766.	185.	2965.	5024.	5112.	1684.
Evaporation	kaf	0.9	0.7	0.8	0.7	0.8	1.7	2.9	4.5	6.4	5.9	3.4	1.5
End-month content	kaf	132.2	182.7	230.7	278.7	326.4	381.7	384.0*	479.1*	436.6*	259.0*	87.0*	65.0*
End-month elevation	ft	4587.6	4596.9	4604.2	4610.6	4616.4	4622.5	4622.7	4631.8	4627.9	4608.1	4577.0	4570.6

Guernsey Reservoir Operations Initial Content 9.5 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Glendo-Guerns Gain	kaf	2.9	2.1	2.0	1.5	1.5	1.5	0.3	0.5	-2.2	-2.6	-1.2	2.6
Inflow from Glendo	kaf	1.5	1.5	1.5	1.5	1.5	1.5	45.6	11.4	176.4	308.9	314.3	100.2
Total Inflow	kaf	4.4	3.6	3.5	3.0	3.0	3.0	45.9	11.9	174.2	306.3	313.1	102.8
Total Inflow	cfs	72.	60.	57.	49.	52.	49.	771.	194.	2928.	4981.	5092.	1728.
Turbine Release	kaf	9.7	0.0	0.0	0.0	0.0	0.0	37.2	0.0	50.9	52.6	52.6	52.3
Seepage	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	1.2	3.0	3.1	2.5	2.1
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.1	249.3	256.9	67.7
Total Release	kaf	10.0	0.2	0.3	0.4	0.3	0.3	37.6	1.2	173.0	305.0	312.0	122.1
Total Release	cfs	163.	3.	5.	7.	5.	5.	632.	20.	2907.	4960.	5074.	2052.
Evaporation	kaf	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.7	1.2	1.3	1.1	0.7
End-month content	kaf	3.7#	6.9	9.9	12.3	14.8#	17.2#	25.0*	35.0*	35.0*	35.0*	35.0*	15.0*
End-month elevation	ft	4392.2	4397.0	4400.2	4402.3	4404.2	4405.8	4410.4	4415.3	4415.3	4415.3	4415.3	4404.3

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OWNERSHIP OPERATIONS

North Platte Pathfinder — Initial Ownership 817.9 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	26.0	25.3	25.4	20.4	23.4	51.2	36.9	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	5.3	2.9	1.9	1.8	1.8	3.8	7.3	9.0	12.5	13.1	8.3	4.0
Deliv fm Ownership	kaf	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	269.7	280.9	84.4
End-month Ownership	kaf	833.9	859.2	884.6	905.0	928.4	979.6	1016.5	1007.5	995.0	712.2	423.0	334.6

North Platte Guernsey — Initial Ownership 0.0 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	0.0	0.0	9.1	8.5	11.1	16.8	0.1	0.0	0.0	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.0	0.3	0.4	0.3	0.4	0.3	1.6	0.5	0.0	0.0	0.0
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.7	1.8	0.0	0.0
End-month Ownership	kaf	0.0	0.0	9.1	17.6	28.7	45.5	45.6	44.0	1.8	0.0	0.0	0.0

Inland Lakes — Initial Ownership 0.0 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	15.6	13.1	0.0	0.0	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.3	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Trnsfr fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	37.6	0.0	0.0	0.0	0.0	0.0
End-month Ownership	kaf	15.6	28.7	28.6	28.5	28.4	28.2	0.0	0.0	0.0	0.0	0.0	0.0

Kendrick — Initial Ownership 760.1 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	40.6	108.6	0.0	0.0	0.0	0.0
Evaporation	kaf	4.8	2.7	1.7	1.5	1.6	3.1	5.6	6.9	11.0	11.3	9.7	7.6
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	20.0	19.0	9.0
End-month Ownership	kaf	755.3	752.6	750.9	749.4	747.8	744.7	785.3	893.9	863.9	832.6	803.9	787.3

Glendo Unit — Initial Ownership 174.0 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
Evaporation	kaf	1.1	0.6	0.3	0.3	0.4	0.7	1.3	1.5	2.2	2.2	2.0	1.5
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	7.0	7.0
End-month Ownership	kaf	172.9	172.3	172.0	171.7	171.3	170.6	169.3	176.8	171.6	164.4	155.4	146.9

Excess to Ownership — Initial Ownership 0.0 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0
End-month total	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0

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City of Cheyenne Initial Ownership 1.5 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Inflow	kaf	1.1	0.3	0.4	0.5	0.6	0.5	0.2	0.0	0.0	0.5	0.6	0.3
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.9	0.0	0.0	0.0
Ownership	kaf	2.6	2.9	3.3	3.8	4.4	4.9	5.0	2.3	1.4	1.8	2.4	2.7

Pacificorp Initial Ownership 2.0 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.2	0.0	0.1
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Release	kaf	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	1.4	1.2	1.1	1.0	0.9	0.8	0.7	1.2	1.4	1.6	1.6	1.7

Other Initial Ownership 0.0 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IRRIGATION DELIVERY

Kendrick (Casper Canal)		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Requested	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	19.0	20.0	19.0	9.0
Delivered	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	19.0	20.0	19.0	9.0

Kendrick (River)		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Requested	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delivered	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Guernsey Deliveries		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
North Platte Req	kaf	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170.0	300.0	305.0	115.1
Glendo Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	7.0	7.0
Inland Lakes Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	37.6	0.0	0.0	0.0	0.0	0.0
Total Requirement	kaf	10.0	0.0	0.0	0.0	0.0	0.0	37.6	0.0	173.0	305.0	312.0	122.1
Seepage	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	1.2	3.0	3.1	2.5	2.1
Actual Release	kaf	10.0	0.2	0.3	0.4	0.3	0.3	37.6	1.2	173.0	305.0	312.0	122.1

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POWER GENERATION

Seminoe Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	43.0	41.6	43.0	42.9	40.2	42.9	41.6	81.0	86.4	118.5	92.0	58.5
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	28.595	23.542	28.101	29.120	31.312	33.473	32.394	33.438	32.173	33.408	33.298	31.051
Actual generation	gwh	7.525	7.238	7.450	7.379	6.863	7.293	7.138	14.005	15.034	20.427	15.456	9.606
Percent max generation		26.	31.	27.	25.	22.	22.	22.	42.	47.	61.	46.	31.
Average kwh/af		175.	174.	173.	172.	171.	170.	172.	173.	174.	172.	168.	164.

Kortes Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	42.9	41.6	43.0	42.9	40.2	42.9	41.6	81.0	86.4	118.5	92.0	58.5
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	27.709	26.712	27.606	23.461	19.883	18.490	23.237	27.606	26.712	27.606	27.606	26.712
Actual generation	gwh	7.379	7.155	7.396	7.379	6.914	7.379	7.155	13.932	14.861	20.382	15.824	10.062
Percent max generation		27.	27.	27.	31.	35.	40.	31.	50.	56.	74.	57.	38.
Average kwh/af		172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.

Fremont Canyon		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	9.7	52.5	43.2	43.1	40.4	43.3	66.0	116.4	163.6	169.0	168.7	78.9
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	45.922	23.164	26.686	31.763	43.076	46.075	44.518	45.774	43.659	44.377	43.642	41.623
Actual generation	gwh	2.634	14.291	11.752	11.731	11.000	11.798	17.960	31.509	43.659	44.350	43.538	20.074
Percent max generation		6.	62.	44.	37.	26.	26.	40.	69.	100.	100.	100.	48.
Average kwh/af		272.	272.	272.	272.	272.	272.	272.	271.	267.	262.	258.	254.

Alcova Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	43.3	41.6	43.0	42.9	40.2	42.9	41.7	98.4	95.2	98.4	98.4	68.8
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0	49.0	49.9	0.0
Maximum generation	gwh	13.492	13.682	13.736	13.736	12.852	13.736	13.138	13.776	13.328	13.776	13.776	13.328
Actual generation	gwh	5.937	5.658	5.848	5.834	5.467	5.834	5.755	13.776	13.328	13.776	13.776	9.632
Percent max generation		44.	41.	43.	42.	43.	42.	44.	100.	100.	100.	100.	72.
Average kwh/af		137.	136.	136.	136.	136.	136.	138.	140.	140.	140.	140.	140.

Glendo Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	44.1	9.9	174.9	223.9	216.1	98.7
Bypass	kaf	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	85.0	98.2	1.5
Maximum generation	gwh	12.906	15.355	18.774	10.625	11.669	21.524	23.431	25.605	25.527	23.229	16.770	10.687
Actual generation	gwh	0.000	0.000	0.000	0.000	0.000	0.000	4.695	1.091	19.634	23.229	16.770	5.482
Percent max generation		0.	0.	0.	0.	0.	0.	20.	4.	77.	100.	100.	51.
Average kwh/af		0.	0.	0.	0.	0.	0.	106.	110.	112.	104.	78.	56.

Guernsey Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	9.7	0.0	0.0	0.0	0.0	0.0	37.2	0.0	50.9	52.6	52.6	52.3
Bypass	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	1.2	122.1	252.4	259.4	69.8
Maximum generation	gwh	3.129	2.913	1.880	2.667	1.977	2.269	3.566	3.838	3.716	3.840	3.840	3.609
Actual generation	gwh	0.477	0.000	0.000	0.000	0.000	0.000	2.480	0.000	3.716	3.840	3.840	3.609
Percent max generation		15.	0.	0.	0.	0.	0.	70.	0.	100.	100.	100.	100.
Average kwh/af		49.	0.	0.	0.	0.	0.	67.	0.	73.	73.	73.	69.

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PROJECT GENERATION SUMMARY

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Base Generation:													
Glendo	gwh	0.000	0.000	0.000	0.000	0.000	0.000	4.695	1.091	19.634	23.229	16.770	5.482
Guernsey	gwh	0.477	0.000	0.000	0.000	0.000	0.000	2.480	0.000	3.716	3.840	3.840	3.609
Total	gwh	0.477	0.000	0.000	0.000	0.000	0.000	7.175	1.091	23.350	27.069	20.610	9.091
Load Following Generation:													
Seminoe	gwh	7.525	7.238	7.450	7.379	6.863	7.293	7.138	14.005	15.034	20.427	15.456	9.606
Kortes	gwh	7.379	7.155	7.396	7.379	6.914	7.379	7.155	13.932	14.861	20.382	15.824	10.062
Fremont Canyon	gwh	2.634	14.291	11.752	11.731	11.000	11.798	17.960	31.509	43.659	44.350	43.538	20.074
Alcova	gwh	5.937	5.658	5.848	5.834	5.467	5.834	5.755	13.776	13.328	13.776	13.776	9.632
Total	gwh	23.475	34.342	32.446	32.323	30.244	32.304	38.008	73.222	86.882	98.935	88.594	49.374
Total Generation	gwh	23.952	34.342	32.446	32.323	30.244	32.304	45.183	74.313	110.232	126.004	109.204	58.465
Total Capability	gwh	131.753	105.368	116.783	111.372	120.769	135.567	140.284	150.037	145.115	146.236	138.932	127.010

PROJECT RELEASE FLEXIBILITY

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Seminoe	Min kaf	33.3	29.8	30.8	30.8	28.8	30.8	29.8	81.0	86.4	118.5	92.0	58.5
	Max kaf	114.4	110.9	111.9	111.9	109.9	111.9	110.9	81.0	86.4	118.5	92.0	58.5
	Min gwh	5.828	5.185	5.336	5.298	4.917	5.236	5.113	14.005	15.034	20.427	15.456	9.606
	Max gwh	20.020	19.297	19.386	19.247	18.763	19.023	19.028	14.005	15.034	20.427	15.456	9.606
Kortes	Min kaf	33.2	29.8	30.8	30.8	28.8	30.8	29.8	81.0	86.4	118.5	92.0	58.5
	Max kaf	114.3	110.9	111.9	111.9	109.9	111.9	110.9	81.0	86.4	118.5	92.0	58.5
	Min gwh	5.710	5.126	5.298	5.298	4.954	5.298	5.126	13.932	14.861	20.382	15.824	10.062
	Max gwh	19.660	19.075	19.247	19.247	18.903	18.490	19.075	13.932	14.861	20.382	15.824	10.062
Fremont Canyon	Min kaf	0.0	40.7	30.9	30.9	29.0	31.1	54.2	116.4	163.6	169.0	168.7	78.9
	Max kaf	81.4	111.5	101.2	112.3	110.4	112.5	135.6	116.4	163.6	169.0	168.7	78.9
	Min gwh	0.000	11.079	8.406	8.410	7.896	8.474	14.749	31.509	43.659	44.350	43.538	20.074
	Max gwh	22.106	23.164	26.686	30.565	30.061	30.653	36.899	31.509	43.659	44.350	43.538	20.074
Alcova	Min kaf	33.6	29.8	30.7	30.7	28.8	30.7	29.9	98.4	143.2	147.4	148.3	68.8
	Max kaf	115.0	100.6	101.0	112.1	110.2	112.1	111.3	98.4	143.2	147.4	148.3	68.8
	Min gwh	4.607	4.053	4.175	4.175	3.917	4.175	4.126	13.776	13.328	13.776	13.776	9.632
	Max gwh	13.492	13.682	13.736	13.736	12.852	13.736	13.138	13.776	13.328	13.776	13.776	9.632
Load Following	Min gwh	16.145	25.443	23.215	23.181	21.684	23.183	29.114	73.222	86.882	98.935	88.594	49.374
	Max gwh	75.278	75.218	79.055	82.795	80.579	81.902	88.140	73.222	86.882	98.935	88.594	49.374
Total Project	Min gwh	16.622	25.443	23.215	23.181	21.684	23.183	36.289	74.313	110.232	126.004	109.204	58.465
	Max gwh	75.755	75.218	79.055	82.795	80.579	81.902	95.315	74.313	110.232	126.004	109.204	58.465

NORTH PLATTE RIVER OPERATING PLAN
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GENERATION CAPACITY AND DURATION

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Project Generation													
Base Generation:													
Glendo	mw	0.0	0.0	0.0	0.0	0.0	0.0	6.5	1.5	27.3	31.2	22.5	7.6
Guernsey	mw	0.6	0.0	0.0	0.0	0.0	0.0	3.4	0.0	5.2	5.2	5.2	5.0
Total Base Load	mw	0.6	0.0	0.0	0.0	0.0	0.0	9.9	1.5	32.5	36.4	27.7	12.6
Load Following Generation:													
Seminoe													
Min Capacity	mw	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.3	12.6	12.0	12.7	12.0
Max Capacity	mw	11.6	11.0	11.6	11.6	10.5	11.6	11.0	26.9	28.8	41.5	31.0	17.4
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.7	11.4	12.0	11.3	12.0
Kortes													
Min Capacity	mw	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Duration	mw	11.4	11.4	11.4	11.4	11.3	11.4	11.4	11.8	11.9	9.2	11.9	11.9
Max Capacity	mw	12.2	11.7	12.3	12.2	11.1	12.2	11.7	27.2	30.1	36.0	32.5	18.9
Duration	mw	12.6	12.6	12.6	12.6	12.7	12.6	12.6	12.2	12.1	14.9	12.1	12.1
Fremont Canyon													
Min Capacity	mw	0.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	66.0	66.0	66.0	7.5
Duration	mw	0.0	12.0	12.0	12.0	12.0	12.0	12.0	7.8	12.0	12.0	12.0	12.0
Max Capacity	mw	0.0	36.0	28.4	28.3	25.9	28.5	47.0	66.0	66.0	66.0	66.0	57.0
Duration	mw	0.0	12.0	12.0	12.0	12.0	12.0	12.0	16.2	12.0	12.0	12.0	12.0
Alcova													
Min Capacity	mw	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Max Capacity	mw	13.3	12.6	13.2	13.1	12.0	13.1	12.6	31.4	30.1	31.4	31.4	20.6
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Total Load Following													
Min Capacity	mw	16.3	23.8	23.8	23.8	23.8	23.8	23.8	23.8	82.3	82.3	82.3	23.8
Max Capacity	mw	37.1	71.3	65.5	65.2	59.5	65.4	82.3	151.5	155.0	174.9	160.9	113.9
Total Project Capacity													
Min Capacity	mw	16.9	23.8	23.8	23.8	23.8	23.8	33.7	25.3	114.8	118.7	110.0	36.4
Max Capacity	mw	37.7	71.3	65.5	65.2	59.5	65.4	92.2	153.0	187.5	211.3	188.6	126.5

NORTH PLATTE RIVER OPERATING PLAN
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HYDROLOGY OPERATIONS

Seminoe Reservoir Operations — Initial Content 836.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	36.2	32.6	27.1	25.3	27.2	57.0	161.5	408.2	575.9	221.0	63.2	35.6
Total Inflow	cfs	589.	548.	441.	411.	473.	927.	2714.	6639.	9678.	3594.	1028.	598.
Turbine Release	kaf	42.6	41.3	61.1	84.5	96.5	131.4	178.5	184.5	178.9	175.3	65.9	33.7
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	138.8	35.0	0.0	0.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	42.6	41.3	61.1	84.5	96.5	131.4	178.5	184.5	317.7	210.3	65.9	33.7
Total Release	cfs	693.	694.	994.	1374.	1678.	2137.	3000.	3001.	5339.	3420.	1072.	566.
Evaporation	kaf	4.9	2.6	1.4	1.3	1.2	2.3	4.1	4.6	9.4	11.5	9.9	7.2
End-month content	kaf	826.0	815.0*	780.0*	720.0*	650.1*	573.9*	553.0*	769.4*	1017.3#	1017.0*	1005.0*	1000.0*
End-month elevation	ft	6346.8	6346.2	6344.1	6340.3	6335.6	6329.9	6328.2	6343.4	6357.0	6357.0	6356.4	6356.1

Kortes Reservoir Operations — Initial Content 4.7 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	42.6	41.3	61.1	84.5	96.5	131.4	178.5	184.5	317.7	210.3	65.9	33.7
Total Inflow	cfs	693.	694.	994.	1374.	1678.	2137.	3000.	3001.	5339.	3420.	1072.	566.
Turbine Release	kaf	42.5	41.3	61.1	84.5	96.5	131.4	155.3	160.5	155.3	160.5	65.9	33.7
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	23.2	24.0	162.4	49.8	0.0	0.0
Total Release	kaf	42.5	41.3	61.1	84.5	96.5	131.4	178.5	184.5	317.7#	210.3	65.9	33.7
Total Release	cfs	691.	694.	994.	1374.	1678.	2137.	3000.	3001.	5339.	3420.	1072.	566.

Pathfinder Reservoir Operations — Initial Content 640.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Sweetwater Inflow	kaf	3.7	3.9	2.7	2.0	2.5	5.4	19.1	50.3	42.8	11.5	4.6	3.1
Kortes-Path Gain	kaf	3.3	-0.1	-0.4	0.6	1.7	4.9	8.4	18.7	4.3	6.9	6.5	4.2
Inflow from Kortes	kaf	42.5	41.3	61.1	84.5	96.5	131.4	178.5	184.5	317.7	210.3	65.9	33.7
Total Inflow	kaf	49.5	45.1	63.4	87.1	100.7	141.7	206.0	253.5	364.8	228.7	77.0	41.0
Total Inflow	cfs	805.	758.	1031.	1417.	1751.	2305.	3462.	4123.	6131.	3719.	1252.	689.
Turbine Release	kaf	0.0	40.7	30.9	30.9	29.0	96.6	163.6	169.1	163.6	169.1	169.1	60.0
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	16.9	19.0	132.9	95.6	0.0	0.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	0.0	40.7	30.9	30.9	29.0	96.6	180.5	188.1	296.5	264.7	169.1	60.0
Total Release	cfs	0.	684.	503.	503.	504.	1571.	3033.	3059.	4983.	4305.	2750.	1008.
Evaporation	kaf	4.5	2.5	1.4	1.4	1.6	3.4	6.6	8.2	12.7	14.2	12.0	8.7
End-month content	kaf	685.2	687.1	718.2	773.0	843.1	884.8	903.7	960.9	1016.5	966.3	862.2	834.5
End-month elevation	ft	5832.9	5833.0	5834.9	5838.0	5841.7	5843.8	5844.8	5847.5	5850.1	5847.8	5842.7	5841.3

Alcova Reservoir Operations — Initial Content 178.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	0.0	40.7	30.9	30.9	29.0	96.6	180.5	188.1	296.5	264.7	169.1	60.0
Total Inflow	cfs	0.	684.	503.	503.	504.	1571.	3033.	3059.	4983.	4305.	2750.	1008.
Turbine Release	kaf	32.3	29.8	30.7	30.7	28.8	96.2	156.2	172.1	190.4	196.8	150.7	51.9
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.7	48.3	0.0	0.0
Casper Canal Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0	18.0	17.0	7.0
Total Release	kaf	32.3	29.8	30.7	30.7	28.8	96.2	156.2	187.1	295.1	263.1	167.7	58.9
Total Release	cfs	525.	501.	499.	499.	501.	1565.	2625.	3043.	4959.	4279.	2727.	990.
Evaporation	kaf	0.6	0.3	0.2	0.2	0.2	0.4	0.8	1.0	1.4	1.6	1.4	1.1
End-month content	kaf	145.3*	155.9*	155.9*	155.9*	155.9*	155.9*	179.4*	179.4*	179.4*	179.4*	179.4*	179.4*
End-month elevation	ft	5483.1	5487.9	5487.9	5487.9	5487.9	5487.9	5498.0	5498.0	5498.0	5498.0	5498.0	5498.0

NORTH PLATTE RIVER OPERATING PLAN
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Gray Reef Reservoir Operations Initial Content 1.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	32.3	29.8	30.7	30.7	28.8	96.2	156.2	172.1	278.1	245.1	150.7	51.9
Total Inflow	cfs	525.	501.	499.	499.	501.	1565.	2625.	2799.	4674.	3986.	2451.	872.
Total Release	kaf	31.6	29.8	30.7	30.7	28.8	96.2	156.1	172.0	278.0	245.0	150.6	51.8
Total Release	cfs	514.	501.	499.	499.	501.	1565.	2623.	2797.	4672.	3985.	2449.	871.

Glendo Reservoir Operations Initial Content 82.8 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Alcova-Glendo Gain	kaf	14.5	13.4	4.4	13.2	12.5	17.0	49.4	202.1	73.4	8.6	9.7	18.3
Infl from Gray Reef	kaf	31.6	29.8	30.7	30.7	28.8	96.2	156.1	172.0	278.0	245.0	150.6	51.8
Total Inflow	kaf	46.1	43.2	35.1	43.9	41.3	113.2	205.5	374.1	351.4	253.6	160.3	70.1
Total Inflow	cfs	750.	726.	571.	714.	718.	1841.	3454.	6084.	5905.	4124.	2607.	1178.
Turbine Release	kaf	2.5	0.0	0.0	0.0	0.0	0.0	41.6	123.9	233.3	241.0	221.4	151.0
Low Flow Release	kaf	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Irrigation Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162.0	295.7	215.0	0.0
Total Release	kaf	4.0	1.5	1.5	1.5	1.5	1.5	43.1	125.4	396.8	538.2	437.9	152.5
Total Release	cfs	65.	25.	24.	24.	26.	24.	724.	2039.	6668.	8753.	7122.	2563.
Evaporation	kaf	0.9	0.6	0.6	0.6	0.7	1.6	3.3	6.7	10.2	9.1	4.8	2.0
End-month content	kaf	123.4	164.3	197.2	238.9	277.9#	387.9#	546.9#	789.4#	734.0	440.5#	158.1#	73.8#
End-month elevation	ft	4585.7	4593.7	4599.2	4605.3	4610.5	4623.1	4637.3	4653.0	4649.8	4628.3	4592.6	4573.3

Guernsey Reservoir Operations Initial Content 9.5 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Glendo-Guerns Gain	kaf	3.4	1.8	1.4	2.0	1.4	0.6	7.1	28.8	27.3	9.1	1.2	5.2
Inflow from Glendo	kaf	4.0	1.5	1.5	1.5	1.5	1.5	43.1	125.4	396.8	538.2	437.9	152.5
Total Inflow	kaf	7.4	3.3	2.9	3.5	2.9	2.1	50.2	154.2	424.1	547.3	439.1	157.7
Total Inflow	cfs	120.	55.	47.	57.	50.	34.	844.	2508.	7127.	8901.	7141.	2650.
Turbine Release	kaf	9.7	0.0	0.0	0.0	0.0	0.0	43.1	53.3	50.8	52.5	52.5	52.2
Seepage	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	1.2	3.0	3.1	2.5	2.1
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.5	369.1	490.4	383.0	122.7
Total Release	kaf	10.0	0.2	0.3	0.4	0.3	0.3	43.5	143.0	422.9	546.0	438.0	177.0
Total Release	cfs	163.	3.	5.	7.	5.	5.	731.	2326.	7107.	8880.	7123.	2975.
Evaporation	kaf	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.7	1.2	1.3	1.1	0.7
End-month content	kaf	6.7*	9.6	12.0	14.9	17.3#	18.8#	25.0*	35.5#	35.5#	35.5#	35.5#	15.5#
End-month elevation	ft	4396.8	4399.9	4402.0	4404.2	4405.9	4406.8	4410.4	4415.6	4415.6	4415.6	4415.6	4404.7

NORTH PLATTE RIVER OPERATING PLAN
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OWNERSHIP OPERATIONS

North Platte Pathfinder — Initial Ownership 758.3 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	38.3	33.7	27.7	26.2	29.6	63.6	49.1	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	4.9	2.7	1.7	1.7	1.8	3.7	7.3	9.8	12.9	12.6	10.9	8.3
Deliv fm Ownership	kaf	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1	98.6
End-month Ownership	kaf	786.6	820.3	848.0	874.2	903.8	967.4	1016.5	1006.7	993.8	981.2	942.2	835.3

North Platte Guernsey — Initial Ownership 0.0 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	0.0	0.0	5.5	14.8	13.6	11.7	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.0	0.3	0.4	0.3	0.4	0.4	0.4	0.6	0.5	0.4	0.0
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	39.5	0.0
End-month Ownership	kaf	0.0	0.0	5.5	20.3	33.9	45.6	45.2	44.8	40.4	39.9	0.0	0.0

Inland Lakes — Initial Ownership 0.0 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	17.9	14.9	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.3	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Trnsfr fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	43.5	0.0	0.0	0.0	0.0	0.0
End-month Ownership	kaf	17.9	32.8	32.7	32.6	32.5	32.3	0.0	0.0	0.0	0.0	0.0	0.0

Kendrick — Initial Ownership 818.3 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	126.5	273.1	0.0	0.0	0.0	0.0
Evaporation	kaf	5.2	2.8	1.7	1.6	1.6	3.3	6.1	8.9	15.3	15.0	13.0	10.1
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	7.0
End-month Ownership	kaf	813.1	810.3	808.6	807.0	805.4	802.1	928.6	1201.7	1186.4	1171.4	1141.4	1124.3

Glendo Unit — Initial Ownership 170.9 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	5.5	3.5	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	1.1	0.6	0.3	0.3	0.4	0.7	1.3	1.7	2.2	2.2	1.9	1.4
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	12.0
End-month Ownership	kaf	169.8	169.2	168.9	168.6	168.2	173.0	175.2	173.5	171.3	169.1	159.2	145.8

Excess to Ownership — Initial Ownership 1.8 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	41.6	311.1	594.7	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	4.0	7.5	3.1	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	307.1	306.9	277.2	0.0
End-month total	kaf	1.8	1.8	1.8	1.8	1.8	1.8	43.4	311.1	594.7	280.3	0.0	0.0

NORTH PLATTE RIVER OPERATING PLAN
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City of Cheyenne — Initial Ownership 1.5 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Inflow	kaf	1.1	0.3	0.4	0.5	0.6	0.5	0.2	0.0	0.0	0.5	0.6	0.3
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.9	0.0	0.0	0.0
Ownership	kaf	2.6	2.9	3.3	3.8	4.4	4.9	5.0	2.2	1.3	1.8	2.4	2.7

Pacificorp — Initial Ownership 2.0 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.2	0.0	0.1
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Release	kaf	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	1.4	1.2	1.1	1.0	0.9	0.8	0.7	1.2	1.4	1.6	1.6	1.7

Other — Initial Ownership 0.0 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IRRIGATION DELIVERY

Kendrick (Casper Canal)		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Requested	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0	18.0	17.0	7.0
Delivered	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0	18.0	17.0	7.0

Kendrick (River)		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Requested	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delivered	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Guernsey Deliveries		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
North Platte Req	kaf	10.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	110.0	290.0	280.0	165.0
Glendo Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.0	8.0	12.0
Inland Lakes Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	43.5	0.0	0.0	0.0	0.0	0.0
Total Requirement	kaf	10.0	0.0	0.0	0.0	0.0	0.0	43.5	100.0	112.0	296.0	288.0	177.0
Seepage	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	1.2	3.0	3.1	2.5	2.1
Actual Release	kaf	10.0	0.2	0.3	0.4	0.3	0.3	43.5	143.0	422.9	546.0	438.0	177.0
Waste	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	310.9	250.0	150.0	0.0

NORTH PLATTE RIVER OPERATING PLAN
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POWER GENERATION

Seminoe Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	42.6	41.3	61.1	84.5	96.5	131.4	178.5	184.5	178.9	175.3	65.9	33.7
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	138.8	35.0	0.0	0.0
Maximum generation	gwh	24.220	27.033	29.093	33.474	31.063	31.848	29.941	32.763	31.815	31.905	31.882	30.897
Actual generation	gwh	7.455	7.212	10.631	14.505	16.212	21.538	28.565	30.778	31.815	31.905	11.958	6.100
Percent max generation		31.	27.	37.	43.	52.	68.	95.	94.	100.	100.	38.	20.
Average kwh/af		175.	175.	174.	172.	168.	164.	160.	167.	178.	182.	181.	181.

Kortes Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	42.5	41.3	61.1	84.5	96.5	131.4	155.3	160.5	155.3	160.5	65.9	33.7
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	23.2	24.0	162.4	49.8	0.0	0.0
Maximum generation	gwh	27.709	26.712	23.461	21.259	17.303	24.562	26.712	27.606	26.712	27.606	27.606	26.712
Actual generation	gwh	7.310	7.104	10.509	14.534	16.598	22.601	26.712	27.606	26.712	27.606	11.335	5.796
Percent max generation		26.	27.	45.	68.	96.	92.	100.	100.	100.	100.	41.	22.
Average kwh/af		172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.

Fremont Canyon		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	0.0	40.7	30.9	30.9	29.0	96.6	163.6	169.1	163.6	169.1	169.1	60.0
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	16.9	19.0	132.9	95.6	0.0	0.0
Maximum generation	gwh	23.880	25.901	31.953	46.688	44.143	47.225	45.710	47.274	45.775	47.316	47.261	45.678
Actual generation	gwh	0.000	11.108	8.461	8.531	8.092	26.978	45.710	47.274	45.775	47.316	47.261	16.752
Percent max generation		0.	43.	26.	18.	18.	57.	100.	100.	100.	100.	100.	37.
Average kwh/af		0.	273.	274.	276.	279.	279.	279.	280.	280.	280.	279.	279.

Alcova Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	32.3	29.8	30.7	30.7	28.8	96.2	156.2	172.1	190.4	196.8	150.7	51.9
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.7	48.3	0.0	0.0
Maximum generation	gwh	13.480	13.682	27.472	13.736	12.852	27.472	26.275	27.552	26.656	27.552	27.552	26.656
Actual generation	gwh	4.425	4.053	4.175	4.175	3.917	13.083	21.556	24.094	26.656	27.552	21.098	7.266
Percent max generation		33.	30.	15.	30.	30.	48.	82.	87.	100.	100.	77.	27.
Average kwh/af		137.	136.	136.	136.	136.	136.	138.	140.	140.	140.	140.	140.

Glendo Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	2.5	0.0	0.0	0.0	0.0	0.0	41.6	123.9	233.3	241.0	221.4	151.0
Bypass	kaf	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	163.5	297.2	216.5	1.5
Maximum generation	gwh	12.742	8.471	13.607	11.781	9.606	22.817	25.808	28.197	27.296	28.197	21.794	13.058
Actual generation	gwh	0.156	0.000	0.000	0.000	0.000	0.000	4.701	14.496	27.296	28.197	21.794	9.834
Percent max generation		1.	0.	0.	0.	0.	0.	18.	51.	100.	100.	100.	75.
Average kwh/af		62.	0.	0.	0.	0.	0.	113.	117.	117.	117.	98.	65.

Guernsey Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	9.7	0.0	0.0	0.0	0.0	0.0	43.1	53.3	50.8	52.5	52.5	52.2
Bypass	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	89.7	372.1	493.5	385.5	124.8
Maximum generation	gwh	3.221	1.810	2.658	2.110	2.130	3.619	3.572	3.840	3.713	3.838	3.838	3.617
Actual generation	gwh	0.506	0.000	0.000	0.000	0.000	0.000	2.894	3.840	3.713	3.838	3.838	3.617
Percent max generation		16.	0.	0.	0.	0.	0.	81.	100.	100.	100.	100.	100.
Average kwh/af		52.	0.	0.	0.	0.	0.	67.	72.	73.	73.	73.	69.

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Oct 1995

PROJECT GENERATION SUMMARY

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Base Generation:													
Glendo	gwh	0.156	0.000	0.000	0.000	0.000	0.000	4.701	14.496	27.296	28.197	21.794	9.834
Guernsey	gwh	0.506	0.000	0.000	0.000	0.000	0.000	2.894	3.840	3.713	3.838	3.838	3.617
Total	gwh	0.662	0.000	0.000	0.000	0.000	0.000	7.595	18.336	31.009	32.035	25.632	13.451
Load Following Generation:													
Seminoe	gwh	7.455	7.212	10.631	14.505	16.212	21.538	28.565	30.778	31.815	31.905	11.958	6.100
Kortes	gwh	7.310	7.104	10.509	14.534	16.598	22.601	26.712	27.606	26.712	27.606	11.335	5.796
Fremont Canyon	gwh	0.000	11.108	8.461	8.531	8.092	26.978	45.710	47.274	45.775	47.316	47.261	16.752
Alcova	gwh	4.425	4.053	4.175	4.175	3.917	13.083	21.556	24.094	26.656	27.552	21.098	7.266
Total	gwh	19.190	29.477	33.776	41.745	44.819	84.200	122.543	129.752	130.958	134.379	91.652	35.914
Total Generation	gwh	19.852	29.477	33.776	41.745	44.819	84.200	130.138	148.088	161.967	166.414	117.284	49.365
Total Capability	gwh	105.252	103.609	128.244	129.048	117.097	157.543	158.018	167.232	161.967	166.414	159.933	146.618

PROJECT RELEASE FLEXIBILITY

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Seminoe	Min kaf	42.6	29.8	61.1	84.5	96.5	131.4	178.5	184.5	317.7	210.3	65.9	33.7
	Max kaf	54.1	41.3	61.1	84.5	96.5	131.4	178.5	184.5	317.7	210.3	65.9	33.7
	Min gwh	7.455	5.204	10.631	14.505	16.212	21.538	28.565	30.778	31.815	31.905	11.958	6.100
	Max gwh	9.468	7.212	10.631	14.505	16.212	21.538	28.565	30.778	31.815	31.905	11.958	6.100
Kortes	Min kaf	42.5	29.8	61.1	84.5	96.5	131.4	178.5	184.5	317.7	210.3	65.9	33.7
	Max kaf	54.0	41.3	61.1	84.5	96.5	131.4	178.5	184.5	317.7	210.3	65.9	33.7
	Min gwh	7.310	5.126	10.509	14.534	16.598	22.601	26.712	27.606	26.712	27.606	11.335	5.796
	Max gwh	9.288	7.104	10.509	14.534	16.598	22.601	26.712	27.606	26.712	27.606	11.335	5.796
Fremont Canyon	Min kaf	0.0	40.7	30.9	30.9	29.0	96.6	180.5	188.1	296.5	264.7	169.1	60.0
	Max kaf	0.0	40.7	30.9	30.9	29.0	96.6	180.5	188.1	296.5	264.7	169.1	60.0
	Min gwh	0.000	11.108	8.461	8.531	8.092	26.978	45.710	47.274	45.775	47.316	47.261	16.752
	Max gwh	0.000	11.108	8.461	8.531	8.092	26.978	45.710	47.274	45.775	47.316	47.261	16.752
Alcova	Min kaf	32.3	29.8	30.7	30.7	28.8	96.2	156.2	172.1	278.1	245.1	150.7	51.9
	Max kaf	32.3	29.8	30.7	30.7	28.8	96.2	156.2	172.1	278.1	245.1	150.7	51.9
	Min gwh	4.425	4.053	4.175	4.175	3.917	13.083	21.556	24.094	26.656	27.552	21.098	7.266
	Max gwh	4.425	4.053	4.175	4.175	3.917	13.083	21.556	24.094	26.656	27.552	21.098	7.266
Load Following	Min gwh	19.190	25.491	33.776	41.745	44.819	84.200	122.543	129.752	130.958	134.379	91.652	35.914
	Max gwh	23.181	29.477	33.776	41.745	44.819	84.200	122.543	129.752	130.958	134.379	91.652	35.914
Total Project	Min gwh	19.852	25.491	33.776	41.745	44.819	84.200	130.138	148.088	161.967	166.414	117.284	49.365
	Max gwh	23.843	29.477	33.776	41.745	44.819	84.200	130.138	148.088	161.967	166.414	117.284	49.365

NORTH PLATTE RIVER OPERATING PLAN
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GENERATION CAPACITY AND DURATION

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Project Generation													
Base Generation:													
Glendo	mw	0.2	0.0	0.0	0.0	0.0	0.0	6.5	19.5	37.9	37.9	29.3	13.7
Guernsey	mw	0.7	0.0	0.0	0.0	0.0	0.0	4.0	5.2	5.2	5.2	5.2	5.0
Total Base Load	mw	0.9	0.0	0.0	0.0	0.0	0.0	10.5	24.7	43.1	43.1	34.5	18.7
Load Following Generation:													
Seminoe													
Min Capacity	mw	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Duration	mw	12.0	12.0	12.0	12.5	12.5	11.9	6.8	6.8	6.8	7.2	12.0	12.0
Max Capacity	mw	11.4	10.9	18.5	28.1	33.1	44.3	45.0	45.0	45.0	45.0	20.7	7.9
Duration	mw	12.0	12.0	12.0	11.5	11.5	12.1	17.2	17.2	17.2	16.8	12.0	12.0
Kortes													
Min Capacity	mw	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Duration	mw	11.4	11.4	12.0	11.9	11.7	7.0	3.0	2.1	3.0	2.1	11.8	11.1
Max Capacity	mw	12.1	11.6	19.8	29.1	33.7	36.0	36.0	36.0	36.0	36.0	21.3	8.3
Duration	mw	12.6	12.6	12.0	12.1	12.3	17.0	21.0	21.9	21.0	21.9	12.2	12.9
Fremont Canyon													
Min Capacity	mw	0.0	7.5	7.5	7.5	7.5	7.5	66.0	66.0	66.0	66.0	66.0	7.5
Duration	mw	0.0	12.0	12.0	12.0	12.0	11.1	12.0	12.0	12.0	12.0	12.0	12.0
Max Capacity	mw	0.0	26.1	17.3	17.3	15.6	65.1	66.0	66.0	66.0	66.0	66.0	42.0
Duration	mw	0.0	12.0	12.0	12.0	12.0	12.9	12.0	12.0	12.0	12.0	12.0	12.0
Alcova													
Min Capacity	mw	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	7.1	5.1	3.0	1.9	7.8	12.0
Max Capacity	mw	8.8	7.7	8.1	8.1	7.3	30.5	36.0	36.0	36.0	36.0	36.0	15.8
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	16.9	18.9	21.0	22.1	16.2	12.0
Total Load Following													
Min Capacity	mw	16.3	23.8	23.8	23.8	23.8	23.8	82.3	82.3	82.3	82.3	82.3	23.8
Max Capacity	mw	32.3	56.3	63.7	82.6	89.7	175.9	183.0	183.0	183.0	183.0	144.0	74.0
Total Project Capacity													
Min Capacity	mw	17.2	23.8	23.8	23.8	23.8	23.8	92.8	107.0	125.4	125.4	116.8	42.5
Max Capacity	mw	33.2	56.3	63.7	82.6	89.7	175.9	193.5	207.7	226.1	226.1	178.5	92.7

GLOSSARY

Acre-Foot - A measure of volume of water equal to an area of 1 acre covered with water 1 foot deep. (43,560 cubic feet)

Basin - The watershed from which overland runoff flows into the North Platte River. When used alone in this report it refers to the North Platte River Drainage Basin upstream of Guernsey Dam.

Bypass - That amount of water released from a reservoir other than through the powerplant for those reservoirs which have a powerplant connected to them.

Cubic foot per second (c.f.s.) - The rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute. The volume of water represented by a flow of 1 cubic foot per second for 24 hours is equivalent to 86,400 cubic feet, approximately 1.983 acre-feet, or 646,272 gallons.

Evaporation pool - A volume of water set aside in the accounting process from which reservoir evaporation is subtracted as it occurs. (Used in Glendo storage accounting).

Flood pool - A physical space in the reservoir which is to be occupied only by water from flood events. In Glendo Reservoir, the volume between reservoir elevations 4635.0 feet and 4653.0 feet is reserved exclusively for flood control.

Gains - Water which enters a river in a defined reach from a source other than an upstream release. When flow released into a reach is greater than the riverflow exiting the lower end of the reach the net gain is negative (loss of water in the reach).

Head - The difference in elevation between the reservoir water surface and the power generating turbines at a powerplant which is connected to a reservoir.

Hydromet - Computer software designed for the acquisition, processing, storage and retrieval of hydrological and meteorological data which is gathered via satellite from remote sites.

Inflow - As used in this report is any water which enters a reservoir irrespective of whether it originated in the reach or was released from an upstream storage reservoir.

Inland Lakes - A series of four off-stream storage reservoirs on the Interstate Canal system in Nebraska which are used to store and re-release irrigation water. (Lake Alice, Lake Minatare, Little Lake Alice, and Lake Winters Creek)

Natural flow - Riverflow which has originated from a source other than reservoir storage.

Power pool - That space in a reservoir which must be full in order to efficiently generate electrical power through an associated turbine generator.

Precipitation - A deposit on the earth of hail, mist, rain, sleet, or snow.

Runoff - That part of precipitation on the Basin which appears as flow in the North Platte River.

Silt Run - The name given to the practice of flushing silt from Guernsey Reservoir into the North Platte River downstream where the silt laden water is diverted by irrigators. The silt tends to settle in the slower moving water of canals and laterals helping to seal the wetted perimeter and reduce seepage losses.

SNOTEL - Snowpack telemetry network. A network of Soil Conservation Service automated sites which continually monitor snowpack and weather conditions and transmit data to a data retrieval center in Portland, Oregon.

System - As used in the report the System includes all storage, delivery, and power generating facilities on the mainstem of the North Platte River in Wyoming and also the four Nebraska reservoirs referred to as the Inland Lakes.

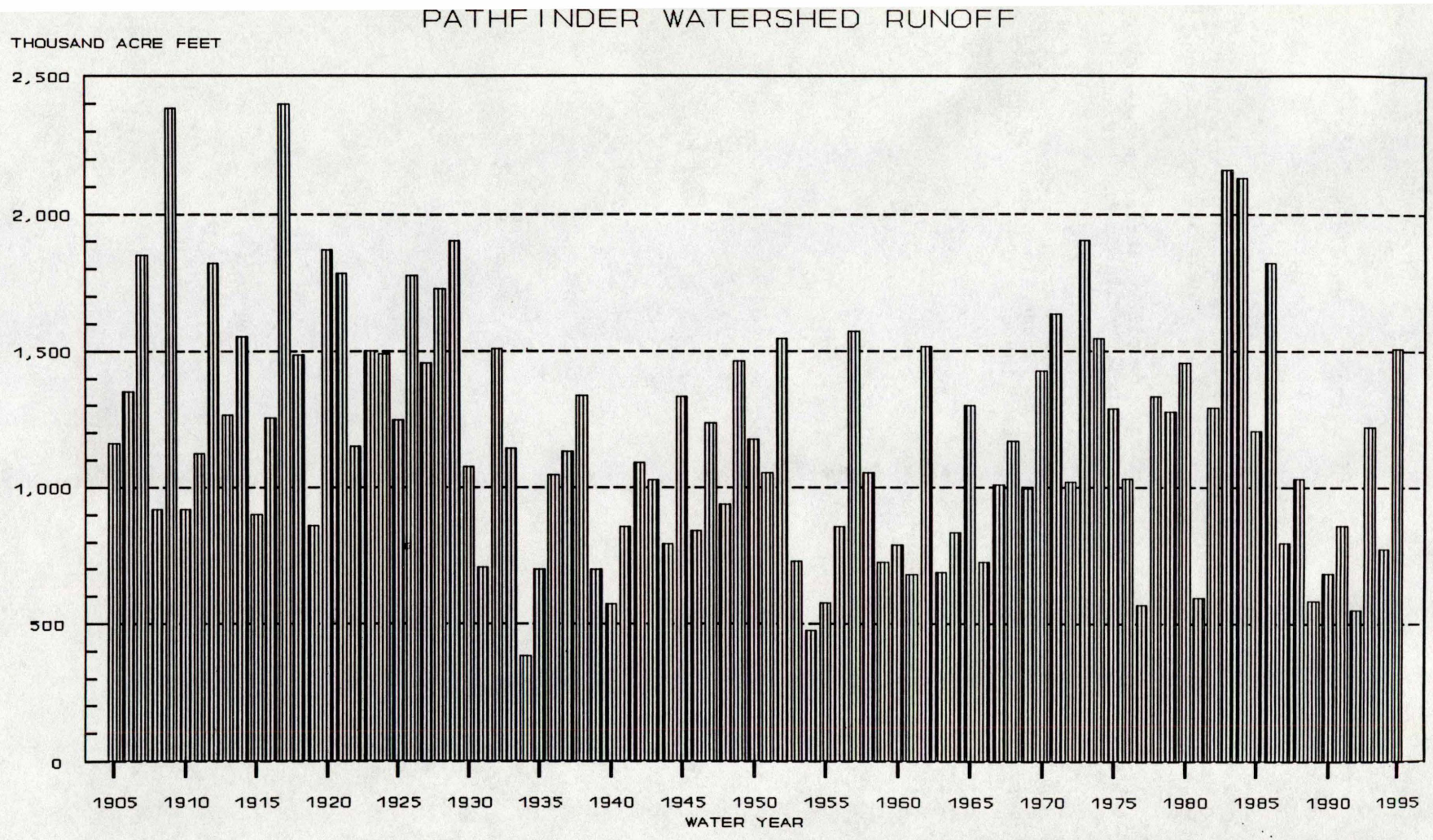
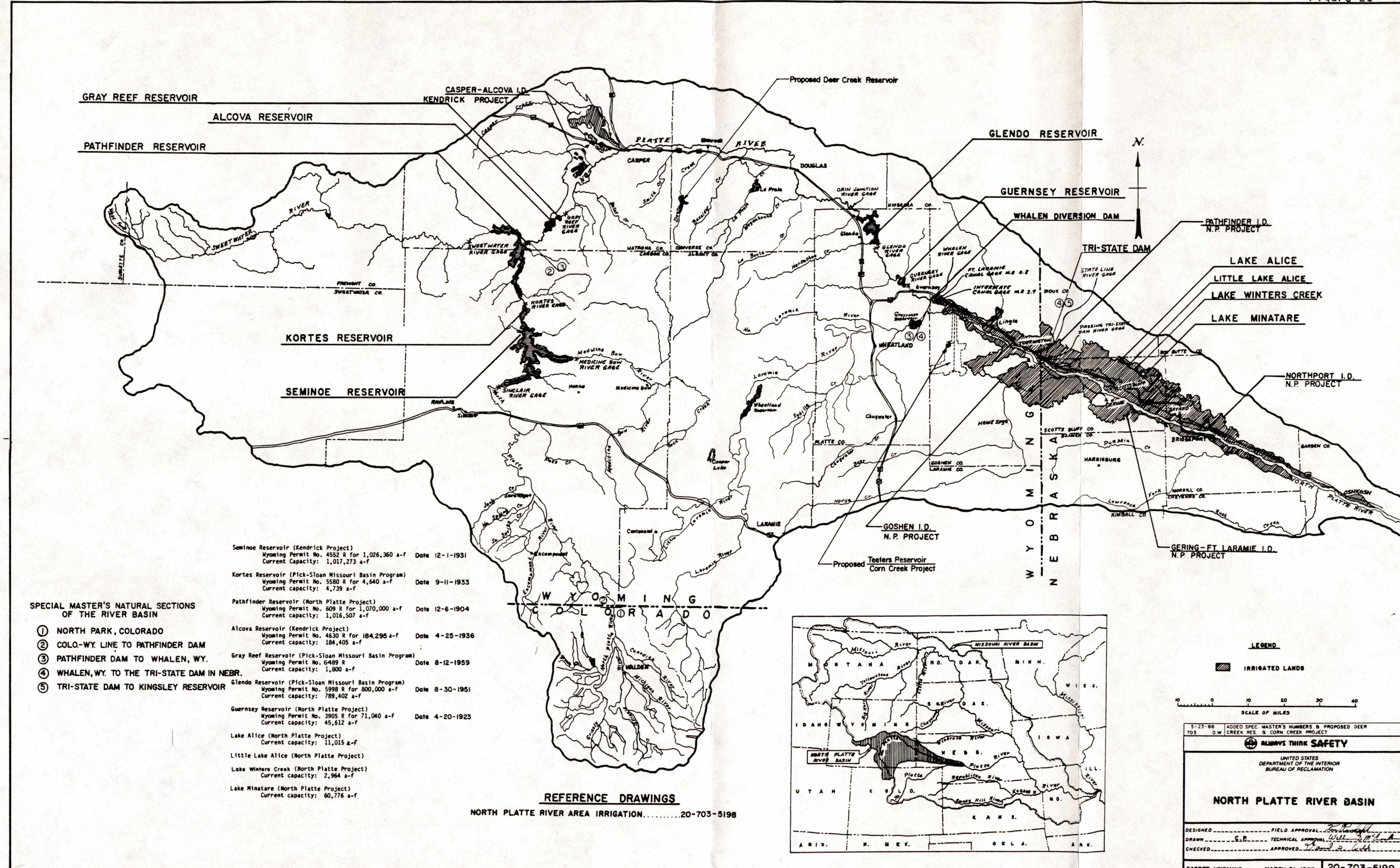

PATHFINDER WATERSHED RUNOFF
THOUSAND ACRE FEET
2,500
2,000
1,500
1,000
500
0
1905
1910
1915
1920
1925
1930
1935
1940
1945
1950
1955
1960
1965
1970
1975
1980
1985
1990
1995
WATER YEAR

figure 20

Figure 21


GRAY REEF RESERVOIR
ALCOVA RESERVOIR
PATHFINDER RESERVOIR
CASPER-ALCOVA I.D.
KENDRICK PROJECT
Proposed Deer Creek Reservoir
GLENDO RESERVOIR
GUERNSEY RESERVOIR
WHALEN DIVERSION DAM
PATHFINDER I.D.
N.P. PROJECT
TRI-STATE DAM
LAKE ALICE
LITTLE LAKE ALICE
LAKE WINTERS CREEK
LAKE MINATARE
NORTHPORT I.D.
N.P. PROJECT
KORTES RESERVOIR
SEMINOE RESERVOIR
GOSHEN I.D.
N.P. PROJECT
Proposed Teeters Reservoir
Corn Creek Project
GERING-FT LARAMIE I.D.
N.P. PROJECT
N.
PLATTE RIVER
SWEETWATER RIVER
CASPER
DOUGLAS
WHEATLAND
LARAMIE
RAWLINS
SINCLAIR
BRIDGEPORT
OSHKOSH
HARRISBURG
WALDEN
WYOMING
COLORADO
NEBRASKA
SPECIAL MASTER'S NATURAL SECTIONS
OF THE RIVER BASIN
① NORTH PARK, COLORADO
② COLO.-WY. LINE TO PATHFINDER DAM
③ PATHFINDER DAM TO WHALEN, WY.
④ WHALEN, WY. TO THE TRI-STATE DAM IN NEBR.
⑤ TRI-STATE DAM TO KINGSLEY RESERVOIR
Seminoe Reservoir (Kendrick Project)
Wyoming Permit No. 4552 R for 1,026,360 a-f Date 12-1-1931
Current Capacity: 1,017,273 a-f
Kortes Reservoir (Pick-Sloan Missouri Basin Program)
Wyoming Permit No. 5580 R for 4,640 a-f Date 9-11-1933
Current capacity: 4,739 a-f
Pathfinder Reservoir (North Platte Project)
Wyoming Permit No. 609 R for 1,070,000 a-f Date 12-6-1904
Current capacity: 1,016,507 a-f
Alcova Reservoir (Kendrick Project)
Wyoming Permit No. 4630 R for 184,295 a-f Date 4-25-1936
Current capacity: 184,405 a-f
Gray Reef Reservoir (Pick-Sloan Missouri Basin Program)
Wyoming Permit No. 6489 R Date 8-12-1959
Current capacity: 1,800 a-f
Glendo Reservoir (Pick-Sloan Missouri Basin Program)
Wyoming Permit No. 5998 R for 800,000 a-f Date 8-30-1951
Current capacity: 789,402 a-f
Guernsey Reservoir (North Platte Project)
Wyoming Permit No. 3905 R for 71,040 a-f Date 4-20-1923
Current capacity: 45,612 a-f
Lake Alice (North Platte Project)
Current capacity: 11,015 a-f
Little Lake Alice (North Platte Project)
Lake Winters Creek (North Platte Project)
Current capacity: 2,964 a-f
Lake Minatare (North Platte Project)
Current capacity: 60,776 a-f
REFERENCE DRAWINGS
NORTH PLATTE RIVER AREA IRRIGATION.........20-703-5198
MISSOURI RIVER BASIN
NORTH PLATTE RIVER BASIN
LEGEND
IRRIGATED LANDS
10 0 10 20 30 40
SCALE OF MILES
5-23-88 703 D.W. ADDED SPEC. MASTER'S NUMBERS & PROPOSED DEER CREEK RES. & CORN CREEK PROJECT
ALWAYS THINK SAFETY
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
NORTH PLATTE RIVER BASIN
DESIGNED
FIELD APPROVAL
DRAWN C.P.
TECHNICAL APPROVAL
CHECKED
APPROVED
CASPER, WYOMING
MARCH 31, 1987
20-703-5199