Annual Operating Plans North Platte River Area

Water Year 1996 Summary of Actual Operations

and

Water Year 1997 Annual Operating Plans

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

TABLES

FIGURES

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 1966-1995 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.

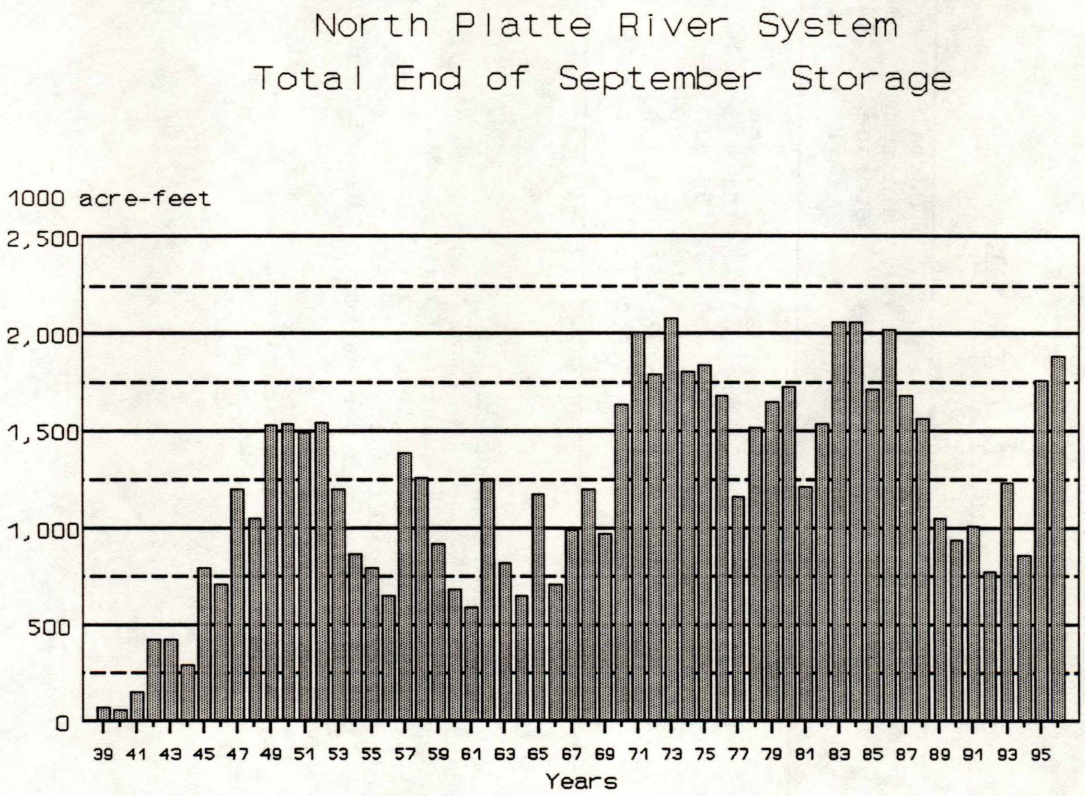

figure 1

Table 1
NORTH PLATTE RIVER

RESERVOIR DATA

Reservoir	Dead Storage 1/ acre-feet (AF)	Active Storage 2/ (AF)	Total Storage (AF)	Normal Minimum Storage (AF)	Normal Minimum Elevation
Seminoe	556	1,016,717	1,017,273	31,670	6239.00 4/
Kortes	151	4,588	4,739	1,666	6092.00 4/
Pathfinder	7	1,016,500	1,016,507	31,405	5746.00 4/
Alcova	91	184,314	184,405	137,610	5479.50 5/
Gray Reef	56	1,744	1,800	56	5312.00 6/
Glendo	11,033	778,369	789,402 3/	63,148	5312.00 7/
Guernsey	0	45,612	45,612	0	4370.00 8/
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/Top of Conservation capacity 517,485 (elevation 4635.00), with an additional 271,917 acre-feet allocated to flood control (elevation 4653.00)
4/Top of inactive capacity, minimum water surface elevation for power generation.
5/Minimum water surface elevation for power generation. Elevation of Casper Canal gate sill is 5487.00 (153,802)
6/Top of dead capacity - spillway crest
7/Minimum water surface elevation for power generation.
8/Zero capacity and North Spillway Crest

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 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 1996 Seminoe Reservoir had a storage content of 836,167 acre-feet which was only 118 percent of average and 82 percent of capacity. This was the highest start of the water year Seminoe storage since 1985. Seminoe storage continued above average throughout the water year. The end of June Seminoe Reservoir storage was the highest since 1986. Except for 1995, the end of water year 1996 Seminoe Reservoir storage content of 816,525 acre-feet, was the highest end of September Seminoe storage since 1984. See Figure 2 for an end of month comparison for the water year.

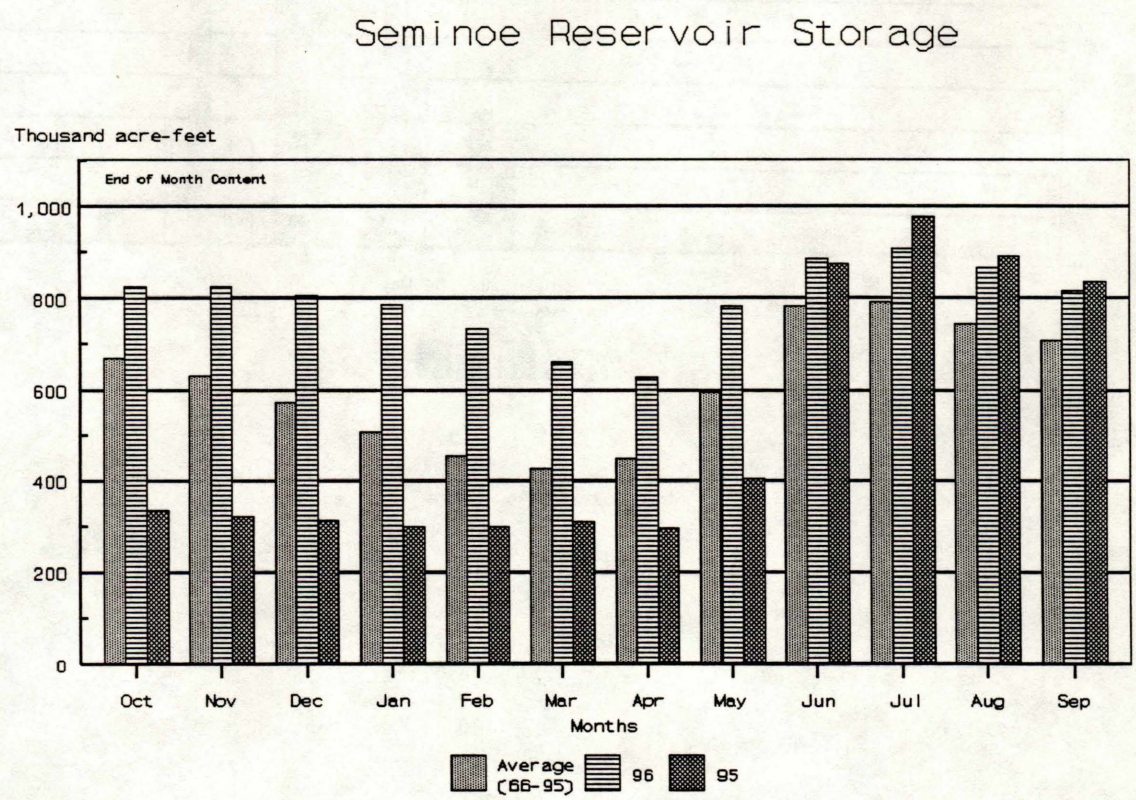

figure 2

Seminoe Reservoir Streamflows

Streamflows discussed in this section refer to inflows into Seminoe Reservoir, unless otherwise noted. Inflows during October through June were above average. Inflows ranged from 101 to 152 percent. The inflow into Seminoe Reservoir for May was the fifth highest Seminoe inflow in the past 30 years and had not been that high since 1984. The inflows into Seminoe Reservoir for the months of July, August and September were well below average at 72 percent for July and August and only 60 percent for September. Figure 3 depicts comparison of average monthly inflow and 1995 and 1996 monthly inflows.

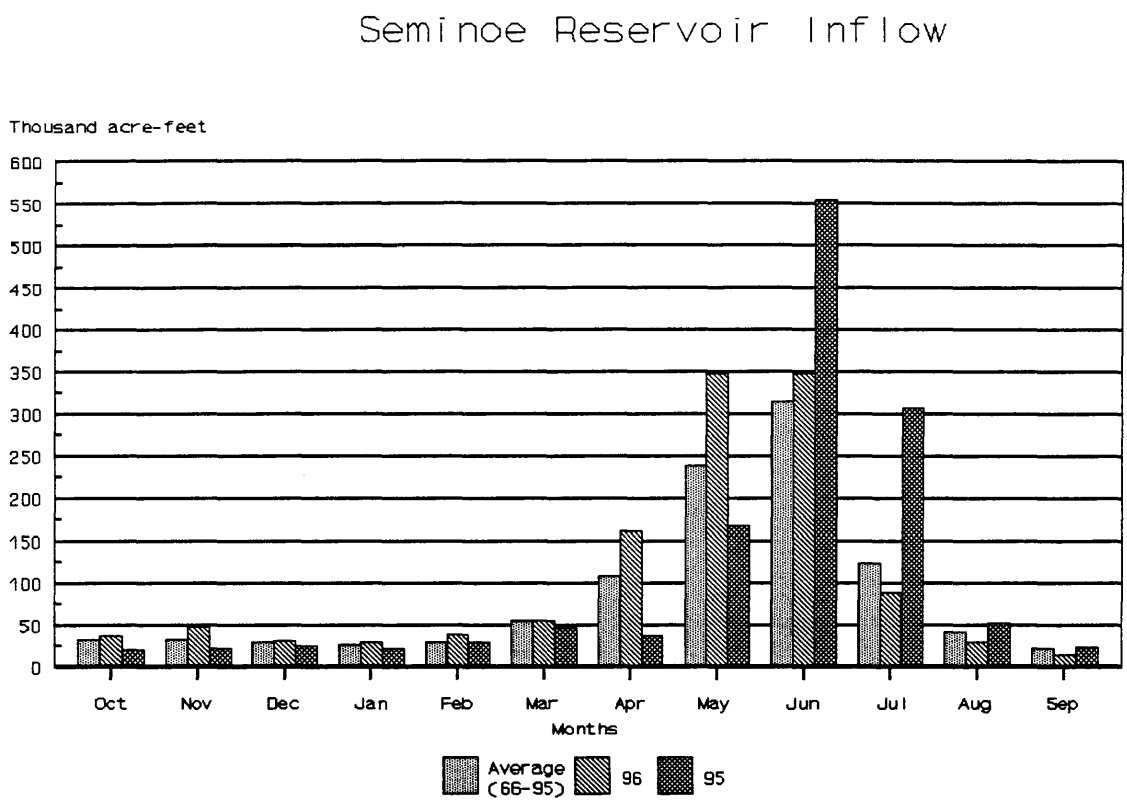

figure 3

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 capacity of 36 MW and a release capability of about 3,000 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 April through June of 1996 some of the releases made from Seminoe Reservoir to manage the rate of fill of Seminoe Reservoir exceeded the release capacity of Kortes Powerplant and required that some of the water bypass the Kortes Powerplant. Other than these releases, all of the Kortes releases were made through the Powerplant in 1996.

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 1996 storage in Pathfinder Reservoir was 640,160 acre-feet, which was 133 percent of average. Pathfinder storage increased significantly during the October through June 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 June 15 and 16, 1996, at 982,551 acre-feet. The water year ended with 771,673 acre-feet of water in storage in Pathfinder Reservoir, which is 161 percent of average. This end of September storage was 131,513 acre-feet higher than the previous year and had not been this high since 1986.

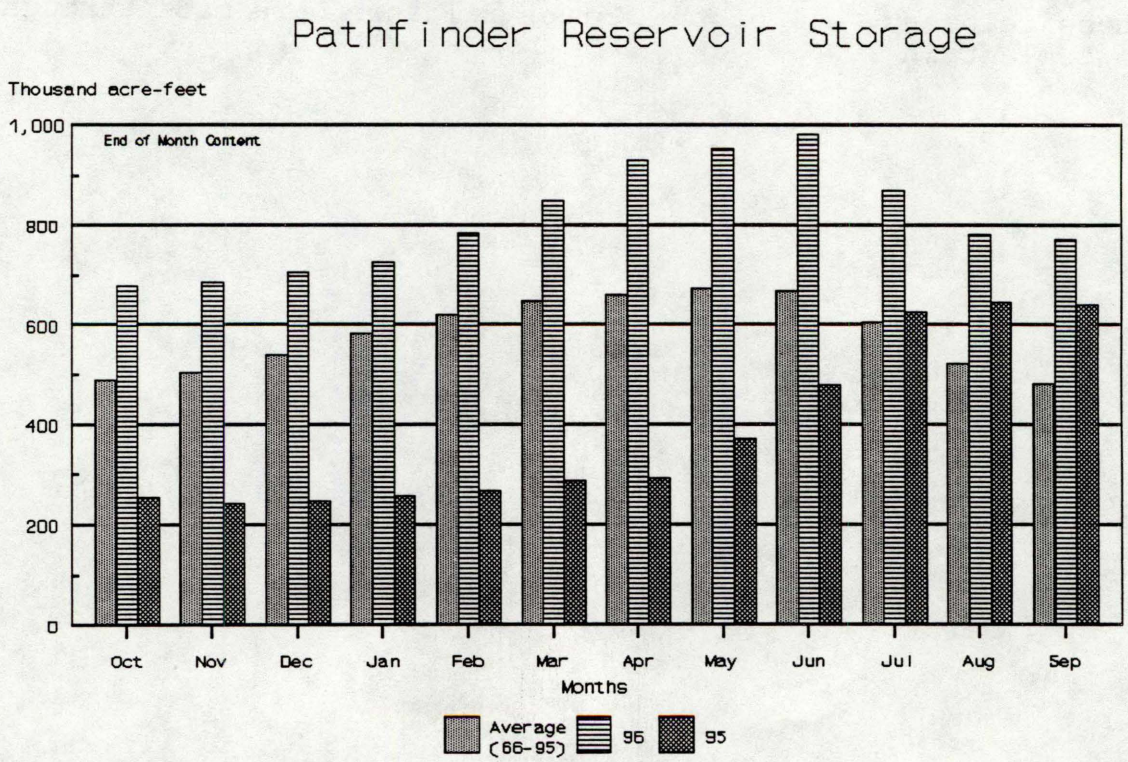

figure 4

Pathfinder Reservoir Streamflows

Very little release of water was made from Pathfinder Reservoir during October to allow the drawdown of Alcova Reservoir to its winter operating level. On October 28, 1995, a release of water was initiated from Pathfinder Reservoir to maintain Alcova Reservoir at its normal winter operating level of 5488.00 ± one foot. The November through mid-March Pathfinder releases averaged approximately 500 c.f.s.

Kortes to Pathfinder river gains were only above average for the months of November 1995 through February 1996 with all other months being well below average. The Kortes to Pathfinder river gains for July were the second lowest in the past 30 years with only 1994 being lower. See Figure 5.

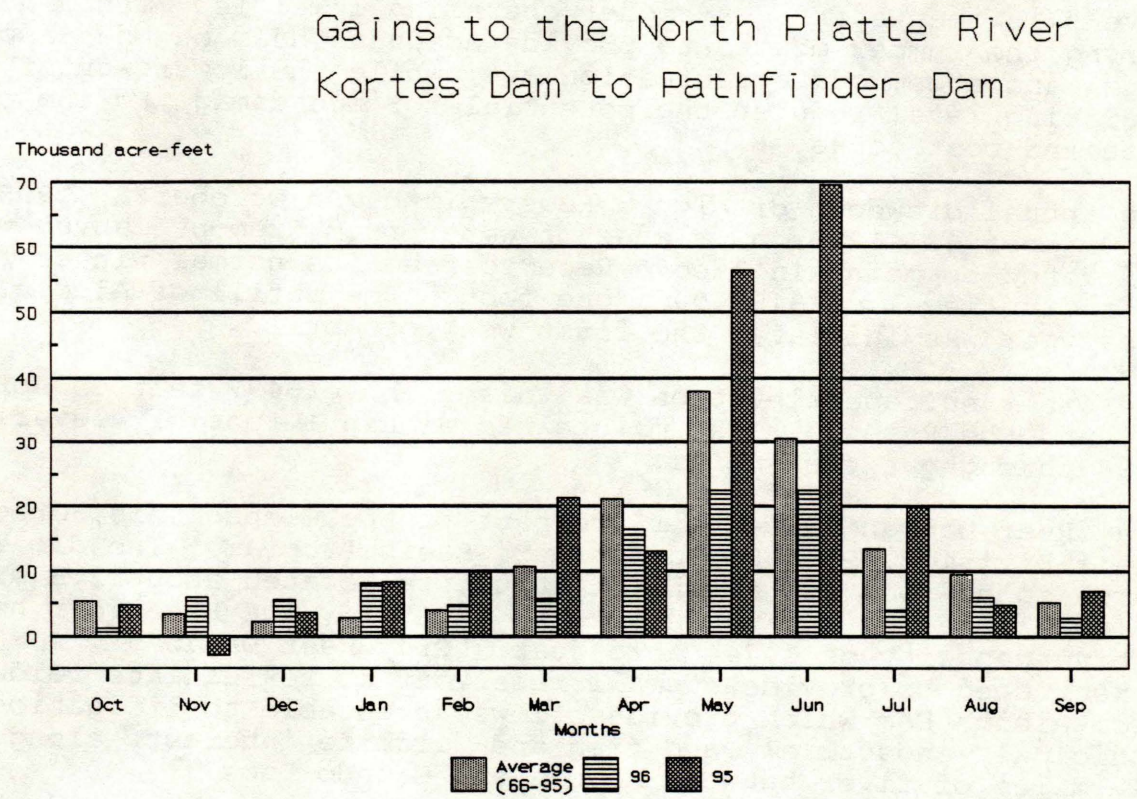

figure 5

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, 1995. On October 28, 1995, a release of water from Fremont Canyon was initiated to maintain Alcova Reservoir at its normal winter operating level of 5488.00 $\pm$ one foot. The refill of Alcova Reservoir was initiated the first week of April.

The water surface elevation was raised above 5497 feet on April 16, 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, 1995, through March 11, 1996. Releases for the remainder of the water year were adjusted to manage upstream inflows from snowmelt runoff and to meet irrigation demands below Guernsey Reservoir. The largest release for the water year of 4,356 c.f.s. occurred on June 14, 1996. After September 17, the Gray Reef releases were maintained near 700 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 789,402 acre-feet, including 271,917 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 82,765 acre-feet at the end of the day on September 30, 1995, began the 1996 water year with Glendo storage about 1,900 acre-feet below average. On May 8, 1996, Glendo Reservoir rose above elevation 4635 into the flood pool and remained above that elevation until June 29. 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 544,974 acre-feet (elevation 4637.17 feet) on June 3, 1996. At the end of the water year, Glendo Reservoir contained 101,421 acre-feet of water (water surface elevation 4580.65 feet) which was 120 percent of average. Figure 6 depicts 1996 and 1995 end of month reservoir storage compared to average.

Glendo Reservoir Storage

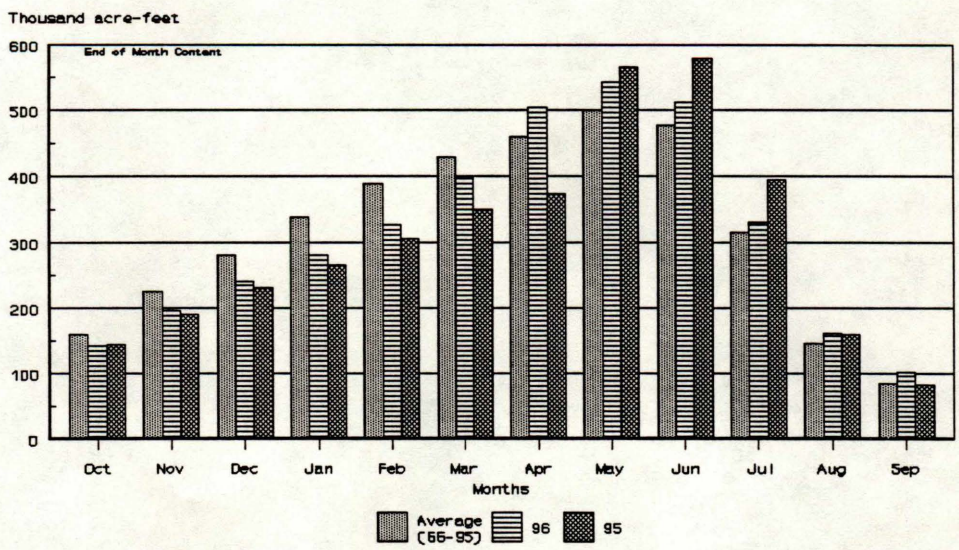

figure 6

Glendo Reservoir Streamflows

Water releases from Glendo Reservoir were initiated on April 15, in order to transfer water to Guernsey Reservoir for later release to the Inland Lakes. On May 8, 1996 water release from Glendo Reservoir was at the direction of the Army Corps of Engineers, as Glendo Reservoir entered the flood pool. On June 29, 1996, 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, 1995 through April, 1996 except for March, 1996 which was below average. The river gains were below average for from May 1996 through the end of the water year. See Figure 7.

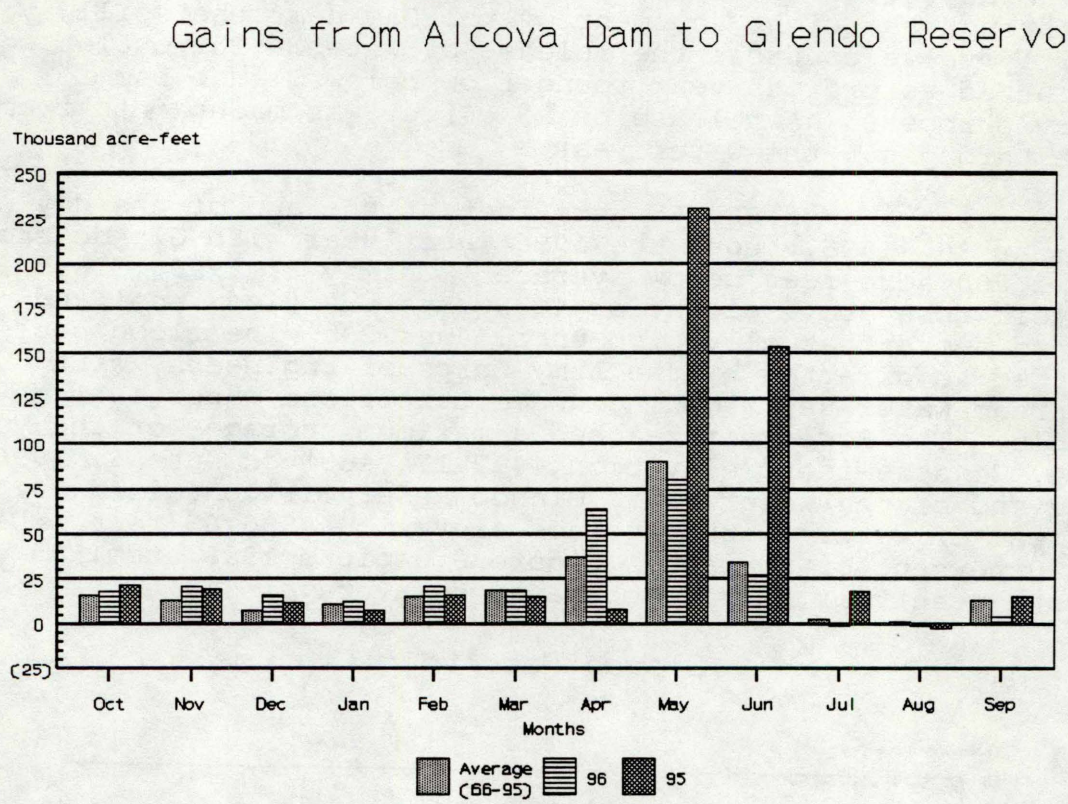

figure 7

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 9,478 acre-feet of water on October 1, 1995. 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 476 acre-feet occurred on July 21. Following the "silt run," the Reservoir was refilled to 35,055 acre-feet by July 31, 1996. Guernsey Reservoir contained 3,899 acre-feet at the end of the irrigation season, September 30, 1996. See Figure 8 for 1996 and 1995 end of month storage compared to average for the water year.

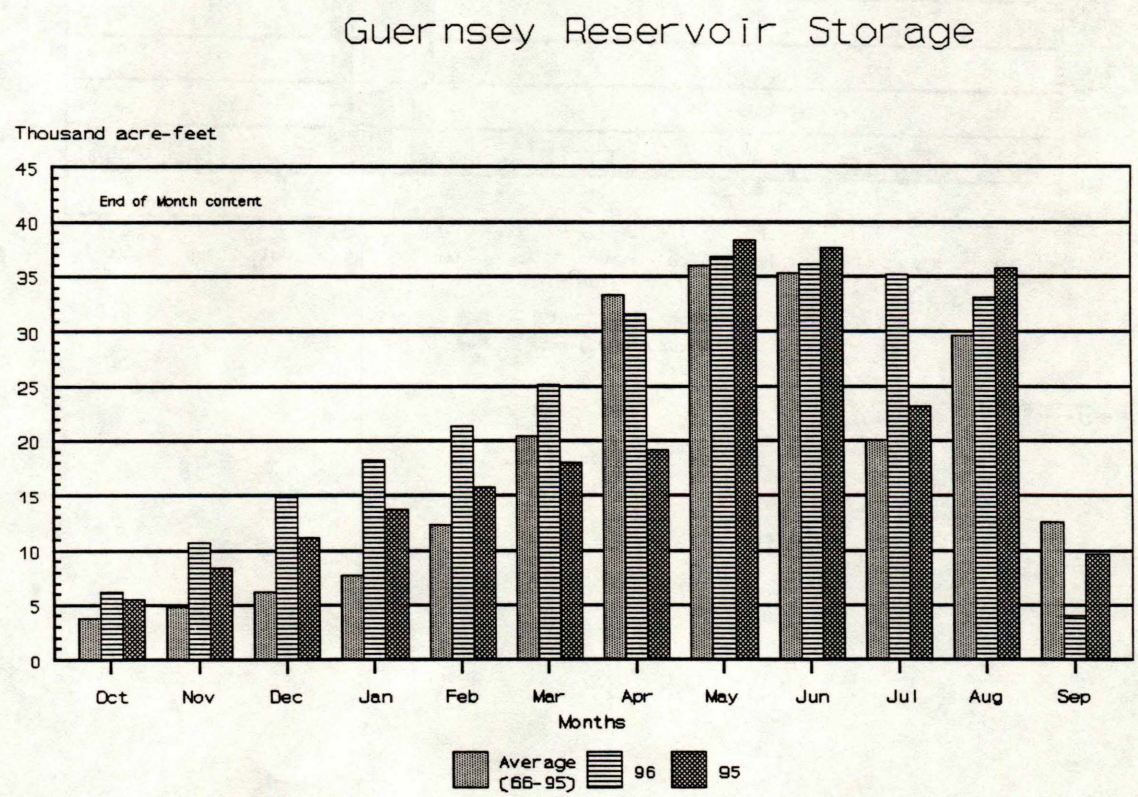

figure 8

Guernsey Reservoir Streamflows

Guernsey Reservoir releases were started on April 11 to transfer water to the Inland Lakes. Transfer of water to the Inland Lakes was completed on May 1, 1996. This water year Guernsey releases continued to deliver irrigation water after the transfer of water to Inland Lakes was completed. After May 8, 1996, Guernsey releases were increased to help evacuate Glendo Reservoir level from the flood pool. The river gains between Glendo Dam and Guernsey Reservoir were above average from October, 1995 through April, 1996. The river gains between Glendo Dam and Guernsey Reservoir were below average for the months of May, June and July and were again above average for August and September. See Figure 9 for an end of month comparison for the water year.

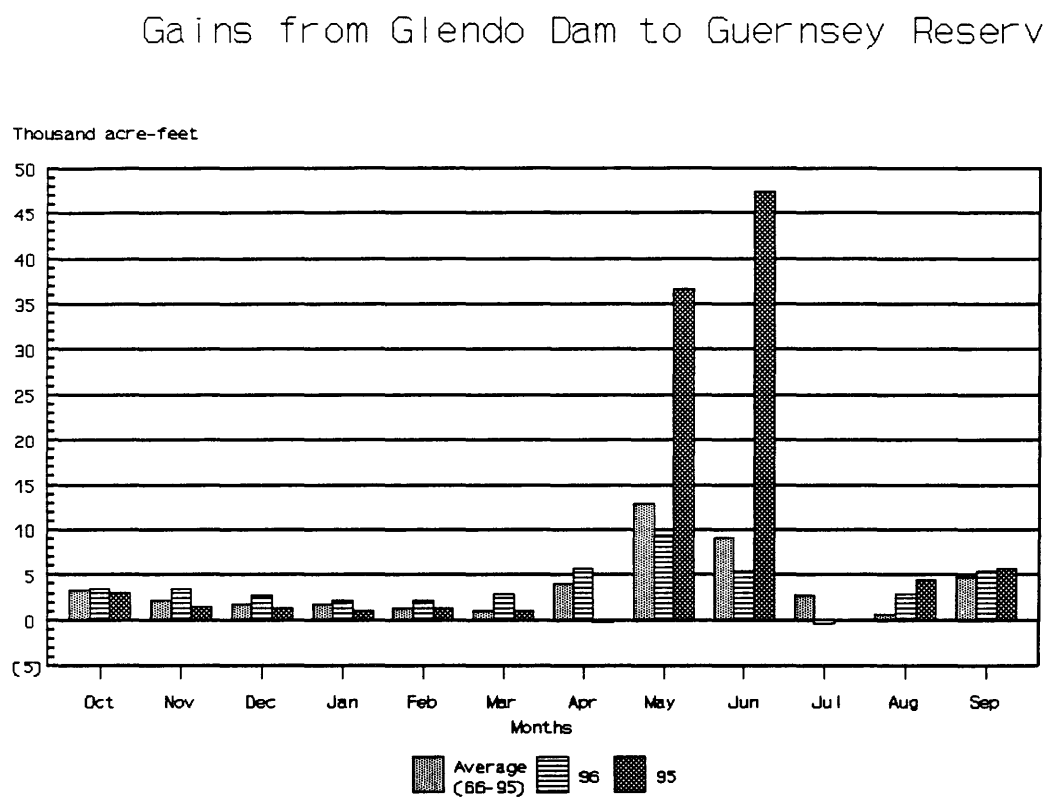

figure 9

1996 Precipitation

Although the precipitation was quite variable from month to month throughout the North Platte River Basin, all four watersheds had near average total precipitation for water year 1996. See table 2 for monthly comparison of precipitation.

Table 2
NORTH PLATTE RIVER BASIN PRECIPITATION BY WATERSHED

	SEMINOE WATERSHED		PATHFINDER WATERSHED		GLENDO WATERSHED		GUERNSEY WATERSHED	
Month	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	1.46	134	2.11	210	1.85	220	1.27	143
November	1.53	165	1.00	119	.59	88	.41	67
December	.42	53	.56	76	.34	69	.36	88
January	1.70	262	1.09	165	.87	212	.58	171
February	.73	107	.70	119	.45	96	.07	17
March	.75	81	.85	86	.58	73	.49	63
April	1.44	119	1.26	84	2.34	157	2.18	127
May	1.42	88	2.82	138	2.42	110	4.16	168
June	.76	64	.80	65	.73	46	1.19	50
July	.84	66	.33	34	.86	69	.77	44
August	.51	48	.60	90	.51	70	.94	89
September	.88	85	1.18	124	.59	64	.51	44
Water Year	12.44	100	13.30	107	12.13	102	12.93	94

1996 Ownerships

At the start of water year 1996, the North Platte Project ownership (includes North Platte Pathfinder and North Platte Guernsey), contained 758,314 acre-feet of water, which is 175 percent of average. The Kendrick ownership contained 818,296 acre-feet of water, which is 92 percent of average; and the Glendo ownership contained 170,858 acre-feet of water, which is 121 percent of average. The North Platte Guernsey ownership filled on February 17, 1996. The Glendo ownership filled on March 10, 1996. The North Platte Pathfinder ownership filled on April 3, 1996. The Kendrick ownership filled on May 24, 1996.

The total amount of water reported as stored at the end of water year 1996 in the mainstem reservoirs for use in water year 1997 was 1,878,975 acre-feet . This total does not include 36,459 acre-feet water remaining in the four Inland Lakes in Nebraska.

At the end of water year 1996, the North Platte Project ownership (includes North Platte Pathfinder and North Platte Guernsey), contained 565,078 acre-feet of water. The Kendrick ownership contained 1,144,671 acre-feet at the end of September, which was the highest end of September amount since 1984. The Glendo ownership contained 163,011 acre-feet of water. 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 1996.

End of September
Ownership of water

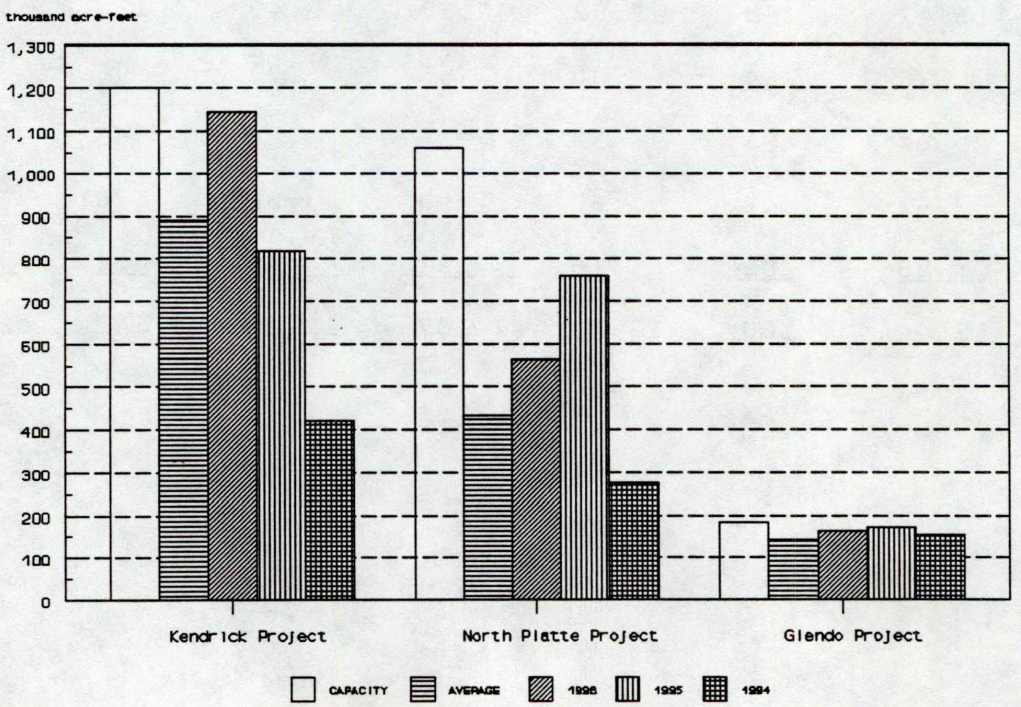

figure 10

TABLE 3

SUMMARY OF NORTH PLATTE RIVER SYSTEM OWNERSHIPS FOR WATER YEAR 1996 (ACRE-FEET)

MONTHS	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
PATHFINDER OWNERSHIP														
ACCRUAL[1]		39113	62379	35490	34101	38579	53574	15008	806	23663[5]	7516[5]	0	0	310229
EVAPORATION		961	5082	1510	2972	3331	2272	4319	7229	11671	12201	11045	5604	68197
DELIVERY[2]		4980	0	0	0	0	0	193[1]	0	0	54569	254636	120890	435268
OWNERSHIP[3]	758314	791486	848783	882763	913892	949140	1000442	1010938	1004515	1016507	957253	691572	565078	
KENDRICK OWNERSHIP														
ACCRUAL		0	0	0	0	0	0	161849	231216[7]	32778[5]	6560[5]	0	0	432403
EVAPORATION[5]		940	4503	1257	2410	2624	1740	3656	6395	10555	10493	10127	6793	61493
DELIVERY[2]		0	0	0	0	0	0	1000[7]	7381	0	9409	18448	8297	44535
OWNERSHIP	818296	817356	812853	811596	809186	806562	804822	962015	1179455	1201678	1188336	1159761	1144671	
GLENDO OWNERSHIP														
ACCRUAL		0	0	0	0	7386	5027	3718	2453[4]	2837[4]	1746[4]	0	0	23167
EVAPORATION[4]		836	578	454	331	535	393	622	2453	2837	2835	3045	1963	16882
DELIVERY & LOSS[2]		1	1	0	0	0	0	0	0	0	2186	6499	5445	14132
OWNERSHIP	170858	170021	169442	168988	168657	175508	180142	183238	183238	183238	179963	170419	163011	
PACIFIC POWER & LIGHT														
ACCRUAL		0	0	0	0	0	0	0	44	27	29	29	24	153
DELIVERY[2]		0	0	0	0	0	0	0	0	0	0	0	0	0
EVAPORATION		9	3	3	2	4	2	6	15	27	29	29	24	153
INSTORAGE	2000	1991	1988	1985	1983	1979	1977	1971	2000	2000	2000	2000	2000	
GUERNSEY OWNERSHIP														
ACCRUAL		0	0	18357	13861	13682	0	762	781[4]	1075[4]	793[4]	0	0	49311
EVAPORATION[4]		0	0	108	130	248	198	366	781	1075	971	0	0	3877
DELIVERY[2]		0	0	0	0	0	0	0	0	36	45398	0	0	45434
OWNERSHIP	0	0	0	18249	31980	45414	45216	45612	45612	45576	0	0	0	

SUMMARY OF NORTH PLATTE STORAGE OWNERSHIP FOR WATER YEAR 1996 (ACRE-FEET)

MONTHS	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
INLAND LAKES OWNERSHIP														
ACCRUAL		20937	23503	0	0	0	0	2135	0	0	0	0	0	46575
EVAPORATION		89	146	94	67	102	74	30	0	0	0	0	0	602
OWNERSHIP[3]	0	15299	38656	38562	38495	38393	38319	910	0	0	0	0	0	
TRANSFER[6]		5549	0	0	0	0	0	39514	910	0	0	0	0	45973[6]
CITY OF CHEYENNE														
ACCRUAL		838	574	433	996	3383	2321	36	158	1222	979	1292	1302	13534
EVAPORATION		0	12	3	10	21	15	36	54	6	0	5	17	179
DELIVERY		0	0	9	0	0	0	0	7204	3980	161	251	0	11605
OWNERSHIP	1525	2363	2925	3346	4332	7694	10000	10000	2900	136	954	1990	3275	
EXCESS WATER														
ACCRUAL		0	0	0	0	642	15359	66601	126931	136650	0	0	940	347123
EVAPORATION		9	3	2	2	6	63	394	491	1667	629	0	0	3266
OWNERSHIP	1780	1771	1768	1766	1764	2400	17696	63947	82082	151171	0	0	940	
RELEASED		0	0	0	0	0	0	19956	108305	65894	150542	0	0	344697

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 April 3, 1996, Pathfinder ownership filled to 1,015,372 AF; this amount plus the remaining Pacificorp exchange water of 1,135 AF completed the fill of the ownership to 1,016,507 AF. The exchange water was returned to Pathfinder at a rate of 26 AF daily until June 21, 1996, when the last 2 AF of the exchange water was returned.

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 1995, 3,175 acre-feet of Pathfinder ownership water was transferred to the Inland Lakes. In October of water year 1996, 4,980 acre-feet of Pathfinder ownership water was transferred to the Inland Lakes for a total of 8,155 acre-feet of Pathfinder ownership water in the Inland Lakes. On April 3, 1996, 8,155 acre-feet of Inland Lakes ownership was transferred to the Pathfinder ownership account.

4/ In accordance with 1996 North Platte River Ownership and Natural Flow Accounting Procedures, ownerships were allowed to refill water lost to evaporation from excess until July 19, 1996.

5/ In accordance with an agreement between the States of Wyoming, Nebraska and the Bureau of Reclamation, ownerships were allowed to refill water lost to evaporation from excess during June and until July 19, 1996.

6/ Transfer refers to Inland Lakes ownership water which was transferred from storage in Glendo or Guernsey. In October, 5,549 acre-feet were transferred to the Inland Lakes. In April, 31,359 acre-feet were transferred to the Inland Lakes and 8,155 acre-feet were transferred to the Pathfinder ownership account. In May, 910 acre-feet were transferred to the Inland Lakes. 27 acre-feet of evaporation loss occurred after ownership filled but before transfer was completed. (45,973 acre-feet transferred + 27 acre-feet evaporation loss = 46,000)

7/1000 Acre-feet of Kendrick ownership was transferred to the Excess Water account on April 24, 1996 and returned to Kendrick Ownership on May 24, 1996.

HYDROLOGY OPERATIONS

Seminoe Reservoir Operations — Initial Content 836.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Total Inflow	kaf	36.0	46.9	29.5	28.2	38.0	54.7	160.3	347.7	346.4	88.0	28.3	12.8	1216.8
Total Inflow	cfs	585.	788.	480.	459.	661.	890.	2694.	5655.	5821.	1431.	460.	215.	
Turbine Release	kaf	46.2	44.6	45.6	46.3	86.7	126.1	189.6	188.0	206.3	58.6	62.0	55.9	1155.9
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	27.8	0.0	0.0	0.0	29.6
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	46.2	44.6	45.6	46.3	86.7	126.1	189.6	189.8	234.1	58.6	62.0	55.9	1185.5
Total Release	cfs	751.	750.	742.	753.	1507.	2051.	3186.	3087.	3934.	953.	1008.	939.	
Evaporation	kaf	3.5	2.1	1.3	2.9	2.5	1.6	2.7	4.7	8.0	8.2	8.2	5.3	51.0
End-month content	kaf	822.5	822.7	805.3	784.3	733.1	660.1	628.1	781.3	885.6	906.8	864.9	816.5	
End-month elevation	ft	6346.6	6346.6	6345.6	6344.3	6341.1	6336.3	6334.0	6344.1	6350.2	6351.3	6349.0	6346.2	
Generation	gwh	7.7	7.8	8.1	8.2	14.5	20.8	31.1	31.4	34.9	9.8	10.4	9.6	194.3

Kortes Reservoir Operations — Initial Content 4.7 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Total Inflow	kaf	46.2	44.6	45.6	46.3	86.7	126.1	189.6	189.8	234.1	58.6	62.0	55.9	1185.5
Turbine Release	kaf	46.2	44.5	45.5	46.3	86.7	126.1	148.4	156.0	139.7	58.5	62.0	55.9	1015.8
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	41.3	33.4	94.7	0.0	0.0	0.0	169.4
Total Release	kaf	46.2	44.5	45.5	46.3	86.7	126.1	189.7	189.4	234.4	58.5	62.0	55.9	1185.2
Total Release	cfs	751.	748.	740.	753.	1507.	2051.	3188.	3080.	3939.	951.	1008.	939.	
Generation	gwh	7.6	7.6	8.0	8.2	14.3	20.7	25.9	27.8	26.9	9.8	10.5	9.6	176.9

Pathfinder Reservoir Operations — Initial Content 640.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Sweetwater Inflow	kaf	4.9	6.4	5.5	4.6	4.7	7.5	15.3	17.4	17.4	5.7	1.6	1.7	92.7
Kortes-Path Gain	kaf	1.1	5.9	5.5	8.0	4.6	5.6	16.3	22.5	22.6	4.0	6.0	2.8	104.9
Inflow from Kortes	kaf	46.2	44.5	45.5	46.3	86.7	126.1	189.7	189.4	234.4	58.5	62.0	55.9	1185.5
Total Inflow	kaf	47.3	50.4	51.0	54.3	91.3	131.7	206.0	212.0	256.9	62.5	68.0	58.7	1290.1
Total Inflow	cfs	769.	847.	829.	883.	1587.	2142.	3462.	3448.	4317.	1016.	1106.	986.	
Turbine Release	kaf	6.2	41.4	30.1	32.5	29.0	63.2	123.0	158.8	157.7	161.5	146.4	61.6	1030.5
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	60.3	0.1	0.0	0.0	63.3
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	6.2	41.4	30.1	32.5	29.0	63.2	123.0	180.8	218.0	161.6	146.4	61.6	1093.8
Total Release	cfs	101.	696.	490.	529.	504.	1028.	2067.	2940.	3664.	2628.	2381.	1035.	
Evaporation	kaf	3.2	2.1	1.2	2.6	2.9	2.0	4.1	7.2	11.4	11.5	10.2	6.4	64.8
End-month content	kaf	678.1	685.0	704.7	723.9	783.3	849.8	928.7	952.7	980.2	869.6	781.0	771.7	
End-month elevation	ft	5832.5	5532.9	5834.1	5835.2	5838.6	5842.1	5846.1	5847.1	5848.4	5843.1	5838.4	5837.9	
Generation Fremont	gwh	2.0	12.6	9.0	9.6	8.4	19.3	37.1	46.5	47.0	47.7	41.0	17.4	297.6

Alcova Reservoir Operations — Initial Content 178.3 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Total Inflow	kaf	6.7	41.4	30.1	32.5	29.0	63.2	123.0	180.8	218.0	161.6	146.4	61.6	1094.3
Total Inflow	cfs	109.	696.	490.	529.	504.	1028.	2067.	2940.	3664.	2628.	2381.	1035.	
Turbine Release	kaf	39.6	29.8	31.0	30.5	29.0	62.6	98.3	170.0	196.4	138.3	125.8	52.8	1004.1
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	4.9
Casper Canal Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.3	10.8	14.5	22.2	18.5	8.3	74.6
Total Release	kaf	39.6	29.8	31.0	30.5	29.0	62.6	98.6	180.8	215.8	160.5	144.3	61.1	1083.9
Total Release	cfs	644.	501.	504.	496.	504.	1018.	1657.	2940.	3627.	2610.	2347.	1027.	
Evaporation	kaf	0.5	0.3	0.2	0.3	0.4	0.3	0.7	0.9	1.2	1.4	1.3	0.9	8.4
End-month content	kaf	144.9	156.2	155.1	156.8	156.4	156.7	180.4	179.5	180.5	180.2	181.0	180.6	
End-month elevation	ft	5482.9	5488.1	5487.6	5488.3	5488.2	5488.3	5498.4	5498.0	5498.4	5498.3	5498.6	5498.5	
Generation	gwh	5.2	3.9	4.2	4.1	3.8	8.4	13.7	23.8	26.3	19.3	16.7	6.5	135.9

Gray Reef Reservoir Operations — Initial Content 1.2 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Total Inflow	kaf	39.6	29.8	31.0	30.5	29.0	62.6	98.6	170.0	196.4	138.3	125.8	52.8	1004.1
Total Inflow	cfs	644.	501.	504.	496.	504.	1018.	1657.	2765.	3383.	2250.	2046.	887.	
Total Release	kaf	39.6	29.8	30.8	30.8	28.8	62.9	98.2	169.9	201.4	137.9	127.3	52.9	1010.3
Total Release	cfs	644.	501.	501.	501.	501.	1023.	1650.	2763.	3385.	2243.	2070.	889.	

Glendo Reservoir Operations — Initial Content 82.8 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Alcova-Glendo Gain	kaf	25.2	25.4	17.0	11.7	19.5	13.6	55.0	70.7	22.0	3.2	-0.9	5.9	268.3
Infl from Gray Reef	kaf	39.6	29.8	30.8	30.8	28.8	62.9	98.2	169.9	201.4	137.9	127.3	52.9	1010.3
Total Inflow	kaf	64.8	55.2	47.8	42.5	48.3	76.5	153.2	240.6	223.4	141.1	126.4	58.8	1278.6
Total Inflow	cfs	1054.	928.	777.	691.	840.	1244.	2575.	3913.	3754.	2295.	2056.	988.	
Turbine Release	kaf	1.8	0.0	0.0	0.0	0.0	0.0	46.8	191.9	212.0	220.0	226.9	105.3	1004.7
Low Flow Release	kaf	2.2	1.6	1.9	1.9	1.7	1.6	1.7	2.6	1.5	1.5	1.5	1.5	21.2
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	2.0	35.6	95.8	63.9	10.3	207.6
Total Release	kaf	4.0	1.6	1.9	1.9	1.7	1.6	48.5	196.5	249.1	317.3	292.3	117.1	1233.5
Total Release	cfs	65.	27.	31.	31.	30.	26.	815.	3196.	4186.	5160.	4912.	1968.	
Evaporation	kaf	0.8	0.5	0.7	0.6	0.8	0.8	1.8	5.0	5.4	5.2	3.6	1.3	26.5
End-month content	kaf	142.8	195.9	241.1	281.1	326.9	401.0	503.9	543.0	511.9	330.5	161.0	101.4	
End-month elevation	ft	4589.7	4599.0	4605.7	4610.9	4616.5	4624.5	4633.9	4637.0	4634.6	4616.9	4593.2	4580.7	
Generation	gwh	0.2	0.0	0.0	0.0	0.0	0.0	0.7	7.3	19.3	21.3	20.6	7.6	104.2

Guernsey Reservoir Operations — Initial Content 9.6 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Glendo-Guerns Gain	kaf	3.4	3.4	2.7	2.2	2.0	2.8	5.7	9.4	5.2	-0.6	2.8	5.5	44.5
Inflow from Glendo	kaf	4.0	1.6	1.9	1.9	1.7	1.6	48.5	196.5	249.1	317.3	292.3	117.1	1233.5
Total Inflow	kaf	7.4	5.0	4.6	4.1	3.7	4.4	54.2	205.9	254.3	316.7	295.1	122.6	1278.0
Total Inflow	cfs	156.	52.	49.	49.	50.	47.	911.	3349.	4274.	5105.	4799.	2060.	
Turbine Release	kaf	9.0	0.0	0.0	0.0	0.0	0.0	30.0	62.8	60.9	32.6	63.6	61.0	319.9
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	2.4
Spillway Release	kaf	1.6	0.0	0.0	0.0	0.0	0.0	17.5	137.1	193.0	284.7	232.6	90.1	956.6
Total Release	kaf	10.8	0.3	0.4	0.6	0.5	0.4	47.5	199.9	253.9	317.3	296.2	151.1	1278.9
Total Release	cfs	176.	5.	7.	10.	9.	8.	798.	3251.	4267.	5160.	4817.	2539.	
Evaporation	kaf	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.8	1.0	0.4	1.0	0.5	4.7
End-month content	kaf	6.1	10.7	14.8	18.2	21.3	25.1	31.5	36.7	36.1	35.1	33.0	3.9	
End-month elevation	ft	4396.0	4400.9	4404.2	4406.5	4408.3	4410.4	4413.65	4416.1	4415.8	4415.3	4414.4	4392.6	
Generation	gwh	0.5	0.0	0.0	0.0	0.0	0.0	2.3	4.5	4.4	2.3	4.5	4.2	22.7

OWNERSHIP OPERATIONS

North Platte Pathfinder — Initial Ownership 758.3 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Net Accrual	kaf	39.1	62.4	35.5	34.1	38.6	53.6	15.0	0.8	23.7	7.5	0.0	0.0	310.2
Evaporation	kaf	1.0	5.1	1.5	3.0	3.3	2.3	4.3	7.2	11.7	12.2	11.0	5.6	68.2
Deliv fm Ownership	kaf	5.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	54.6	254.6	120.9	435.3
End-month Ownership	kaf	791.4	848.7	882.7	913.8	949.1	1000.4	1010.9	1004.5	1016.5	957.2	691.6	565.1	

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	18.4	13.9	13.7	0.0	0.8	0.8	1.1	0.8	0.0	0.0	49.3
Evaporation/Seepage	kaf	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.8	1.1	1.0	0.0	0.0	3.9
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.4	0.0	0.0	45.4
End-month Ownership	kaf	0.0	0.0	18.3	31.8	45.3	45.1	45.6	45.6	45.6	0.0	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	20.9	23.5	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	46.6
Evaporation/Seepage	kaf	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Trnsfr fm Ownership	kaf	5.5	0.0	0.0	0.0	0.0	0.0	39.5	0.9	0.0	0.0	0.0	0.0	44.5
End-month Ownership	kaf	15.3	38.7	38.6	38.5	38.4	38.3	0.9	0.0	0.0	0.0	0.0	0.0	

Kendrick — Initial Ownership 818.3 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	161.8	231.2	32.8	6.6	0.0	0.8	432.4
Evaporation	kaf	0.9	4.5	1.2	2.4	2.6	1.7	3.7	6.4	10.6	10.5	10.1	6.8	61.5
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.4	0.0	9.4	18.5	8.3	44.5
End-month Ownership	kaf	817.4	812.9	811.6	809.2	806.6	804.8	962.0	1179.5	1201.7	1188.3	1159.8	1144.7	

Glendo Unit — Initial Ownership 170.9 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Accrual	kaf	0.0	0.0	0.0	0.0	7.4	5.0	3.7	2.5	2.8	1.7	0.0	0.0	23.2
Evaporation	kaf	0.8	0.6	0.5	0.3	0.5	0.4	0.6	2.5	2.8	2.8	3.0	2.0	16.9
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	6.4	5.4	14.1
End-month Ownership	kaf	170.0	169.4	169.0	168.7	175.5	180.1	183.2	183.2	183.2	180.0	170.4	163.0	

Excess to Ownership — Initial Ownership 1.8 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Accrual	kaf	0.0	0.0	0.0	0.0	0.6	15.4	66.6	126.9	136.7	0.0	0.0	0.9	347.1
Evaporation/Seepage	kaf	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5	1.7	0.6	0.0	0.0	3.3
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	20.0	108.3	65.9	150.5	110.7	0.0	344.7
End-month total	kaf	1.8	1.8	1.8	1.8	2.4	17.7	63.9	82.1	151.2	0.0	0.0	0.9	

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	0.0	9.4	18.5	8.3	36.2

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	10.5	0.2	0.3	0.4	0.5	0.5	39.7	0.9	0.0	102.2	261.1	126.3	542.6

* 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 1996 flood damages of $4,746,000 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 $74,024,400.

Table 5

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

DAMS	WATER YEAR 1996	PRIOR TO 1996	ACCUMULATED TOTAL
SEMINOE	$1,011,400	$18,970,800	$19,982,200
PATHFINDER	$478,300	$ 6,899,600	$ 7,377,900
ALCOVA	$101,100	$ 272,200	$ 373,300
GLENDO	$3,155,200	$42,696,800	$45,852,000
GUERNSEY	$0	$ 439,000	$ 439,000
TOTAL	$4,746,000	$69,278,400	$74,024,400

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 1996 except for Glendo Dam, which is 1965 through 1996.

Table 6

Past Power Operations Water Year 1996

Powerplant	Gross generation	Percent of average 1/
Seminoe	194,300,0002/	138
Kortes	176,900,000	116
Fremont Canyon	297,600,000	120
Alcova	135,900,000	108
Glendo	104,200,000	123
Guernsey	22,700,000	101
Total Basin	931,600,000	120

1/ 30 year average (1966-1995).
2/ Generation is in Kilo-watt hours.

Proposed Power Operations Water Year 1997

Powerplant	Gross generation	Percent of average 1/
Seminoe	146,138,0002/	104
Kortes	145,510,000	95
Fremont Canyon	259,062,000	104
Alcova	117,474,000	93
Glendo	86,255,000	102
Guernsey	21,534,000	96
Total Basin	775,973,000	100

1/ 30 year average (1966-1995).
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 1997.

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	140.6
Kortes	3	12,000	36,000	192-204	2,910	152.9
Fremont Canyon	2	33,400	66,800	247-363	3,080	248.7
Alcova	2	18,000	36,000	153-165	4,100	126.4
Glendo	2	19,000	38,000	73-156	3,400	84.7
Guernsey	2	3,200	6,400	89-91	1,340	22.5
Total	14	-----	234,200	-----	-----	775.8

1/1961-1990

Table 8

PROPOSED UNIT MAINTENANCE SCHEDULE
NORTH PLATTE RIVER SYSTEM
OCTOBER 1996 THROUGH SEPTEMBER 1997

FACILITY AND UNIT NO.	SCHEDULED PERIOD	DESCRIPTION OF WORK
Seminoe Unit #1	01-27-97 thru 03-05-97	Major inspection
Fremont Unit #1	11-25-96 thru 01-08-97	Annual inspection and other work as required
Seminoe Unit #2	09-16-96 thru 10-02-96	Minor inspection
Glendo Unit #2	01-06-97 thru 02-13-97	Annual inspection
Guernsey Unit #1	11-04-96 thru 12-13-96	Annual inspection
Fremont Unit #2	01-13-97 thru 02-19-97	Annual inspection and other work as required
Seminoe Unit #3	01-06-97 thru 01-22-97	Minor inspection
Alcova Unit #1	02-24-97 thru 03-26-97	Annual inspection and other work as required
Glendo Unit #1	10-21-96 thru 12-21-96	Minor inspection
Guernsey Unit #2	01-06-97 thru 02-13-97	Annual inspection
Kortes Unit #1	10-07-96 thru 10-23-96	Minor inspection
Kortes Unit #2	11-18-96 thru 12-24-96	Major inspection
Alcova Unit #2	09-30-96 thru 11-20-96	Annual inspection and other work as required
Kortes Unit #3	10-28-96 thru 11-13-96	Minor inspection,

PROPOSED OPERATIONS FOR WATER YEAR 1997

Three operation studies were developed for the System to establish an AOP for water year 1997. 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 1997 has a one-in-ten chance of being less than the reasonable minimum. Statistically, inflows in 1997 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 1997 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 1,878,975 acre-feet at the beginning of the water year 1997. This amount was 128 percent of average.

Seminoe Reservoir

Most Probable Condition - 1997

October through March -- Seminoe Reservoir storage of 816,525 acre-feet, at the beginning of the water year, was 115 percent of the 30-year average. Planned turbine releases from Seminoe Reservoir of 700 c.f.s. in October, 850 c.f.s. for November, and 1,100 c.f.s. from December through March, which will lower the reservoir storage to about 622,300 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 1,100 c.f.s. in April; 1,800 c.f.s. in May through July; 700 c.f.s August; and 700 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 991,900 acre-feet by the end of June. Projected carryover storage of about 925,400 acre-feet at the end of the water year would be 131 percent of average.

Reasonable Minimum Condition - 1997

October through March -- Water releases for this period under a reasonable minimum inflow condition would be the same as in the most probable condition. 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 609,500 acre-feet under these conditions.

April through September -- Seminoe water releases will increase from approximately 1,200 c.f.s. in April to 1,800 c.f.s. in June in order to meet irrigation requirements and provide increased power production. The releases will be decreased in July, August and September to average approximately 800 c.f.s. in July, and 500 c.f.s., for August and September. Under these conditions the water year will end with a Seminoe Reservoir content of 561,900 acre-feet (79 percent of average). The maximum end of month content under these conditions will be approximately 624,900 acre-feet at the end of June.

Reasonable Maximum Condition - 1997

October through March -- Water releases for this period under a reasonable maximum inflow condition would be the same as in the most probable condition 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 806,000 acre-feet at the end of October to 653,800 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 2,600 c.f.s. and increase further to 4,000 c.f.s. in May. Releases will average approximately 6,000 c.f.s for June, and decrease to about 3,400 c.f.s in July, and then decrease further to a release of about 1,400 c.f.s in August. The September Seminoe Reservoir release should average 700 c.f.s. 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 971,200 acre-feet, which would be 137 percent of average.

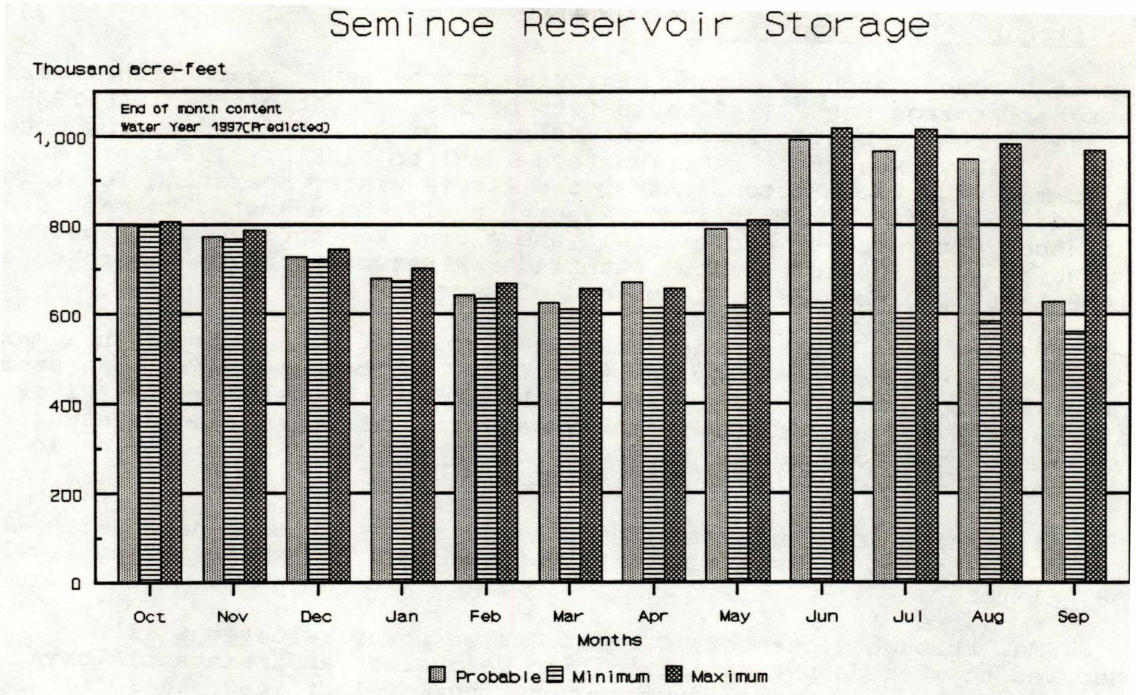

figure 11

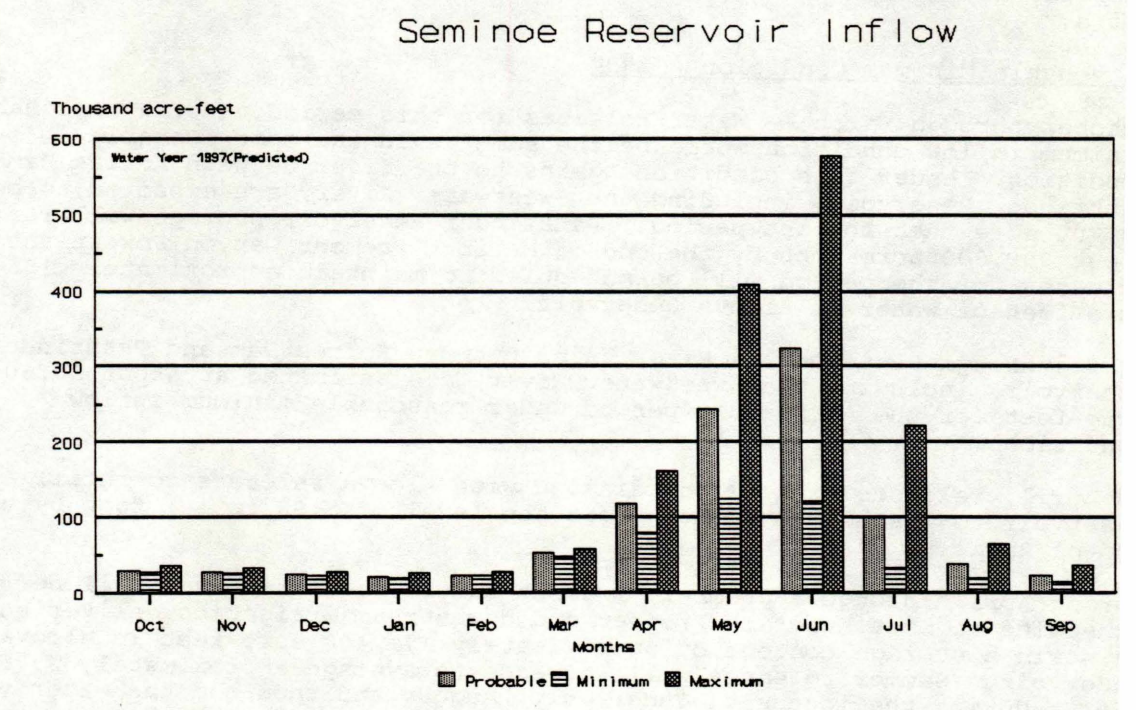

figure 12

Pathfinder Reservoir

Most Probable Condition - 1997

October through March -- At the beginning of the water year, Pathfinder Reservoir storage was 771,673 acre-feet or 161 percent of the 1966-1995 average. Fremont Canyon Powerplant releases will be reduced during October to lower Alcova Reservoir water surface level to 5488.0 ± 1.0 foot, which is the normal winter operation. 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 903,000 acre-feet at the end of March.

April through September -- Pathfinder Reservoir storage will reach a maximum of about 934,600 acre-feet by the end of May and be drawn down to a storage content of about 732,900 acre-feet by the end of the water year. River gains between Kortes and Pathfinder Reservoirs, including the Sweetwater River, is estimated at about 87,400 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 Alcova Reservoir within its normal summer operating level of 5498 ± 1 foot. During May and June, water releases will average approximately 1,900 c.f.s. and 2,300, respectively. In July and August Fremont Canyon turbine releases are expected to average approximately 2,500 c.f.s. and 2,400 c.f.s., respectively, with releases reduced in September to approximately 1,300 c.f.s.

Reasonable Minimum Condition - 1997

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 28,700 acre-feet for the period. Pathfinder Reservoir storage will reach about 909,800 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 38,600 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 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 2,400 c.f.s. during September. If reasonable minimum runoff develops, the reservoir content at the end of the water year will be about 308,400 acre-feet or 64 percent of average.

Reasonable Maximum Condition - 1997

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 30,200 acre-feet for the period. Pathfinder Reservoir content increases through this period from 795,700 acre-feet at the end of October to 911,300 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 ± one foot. 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 5,800 c.f.s. and then decrease to approximately 4,800 c.f.s. in July and further decrease to a 2,300 c.f.s. by August. A bypass release through the Jetflow valves of 400,200 acre-feet would be required during the months of May through July under maximum conditions. The Pathfinder Reservoir end of year storage content is projected to be about 880,700 acre-feet, which will be 184 percent of average.

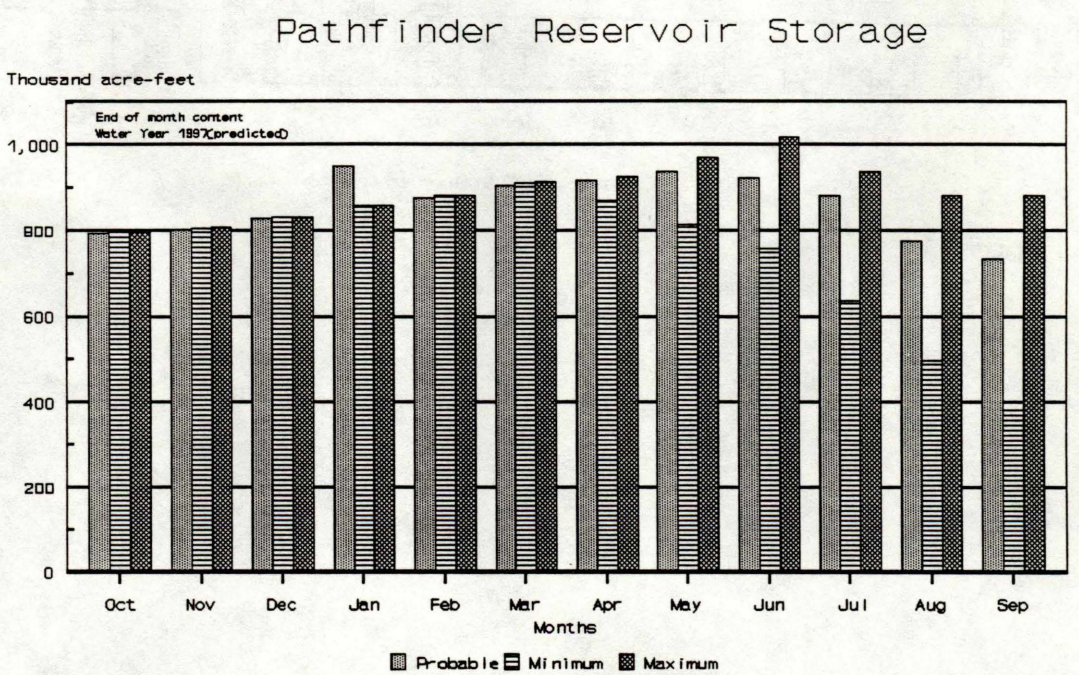

figure 13

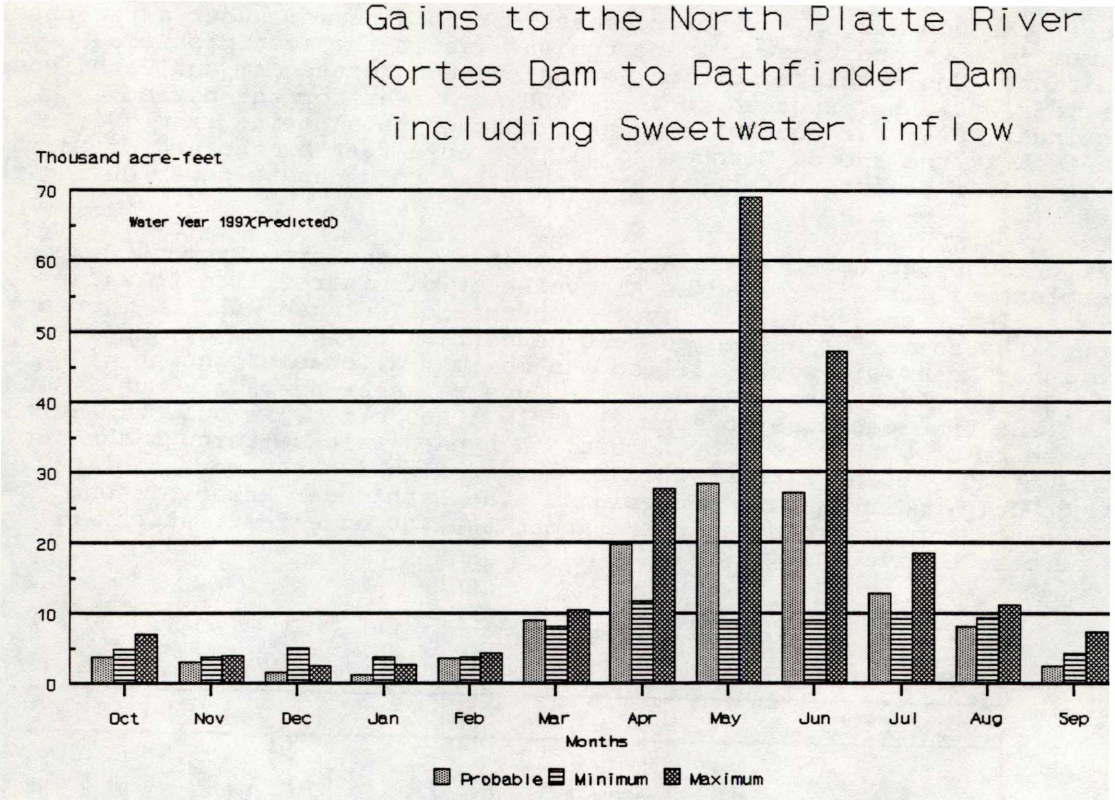
Gains to the North Platte River
Kortes Dam to Pathfinder Dam
including Sweetwater inflow
Thousand acre-feet
Water Year 1997(Predicted)
70
60
50
40
30
20
10
0
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Months
Probable
Minimum
Maximum

figure 14

Alcova Reservoir

Most Probable Condition - 1997

October through March -- During October, Alcova Reservoir will be drawn down 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 700 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 - 1997

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 - 1997

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.

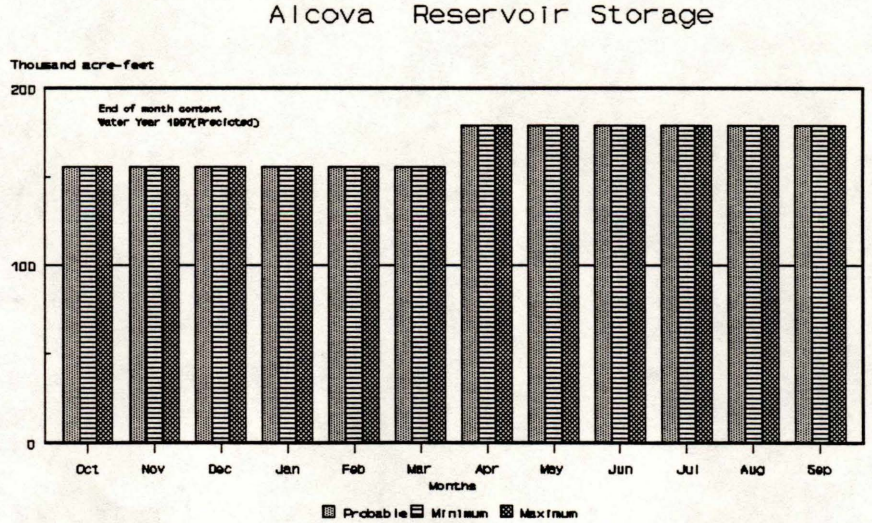

figure 15

Gray Reef Reservoir

Most Probable Condition - 1997

October through March -- The water releases from Gray Reef Dam will be maintained at approximately 700 c.f.s during this period. This will result in a winter river level slightly higher than 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 780 c.f.s and 1,050 c.f.s. for the months of October through March.

April through September -- Releases from Gray Reef Reservoir will average about 700 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; 2,000 c.f.s. in June; 2,200 c.f.s in July; 2,100c.f.s in August; and 1,140 c.f.s. in September as project irrigation water is moved downstream.

Reasonable Minimum Condition - 1997

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 1,600 c.f.s. in April, increasing to 2,400 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 2,260 c.f.s. These predicted flows may be redistributed as the irrigators adjust their use of water from storage.

Reasonable Maximum Condition - 1997

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

April through September -- Releases are expected to be increased from 2,340 c.f.s. in April to a maximum monthly release of 5,470 c.f.s. during June and then decreased to a flow of about 500 c.f.s. by September.

Glendo and Guernsey Reservoirs

Most Probable Condition - 1997

October through March -- Carryover storage of 101,421 acre-feet in Glendo Reservoir on September 30, 1996 was 120 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 427,100 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 3,894 acre-feet of water at the start of water year 1997. Approximately 10,000 acre-feet of water will be transferred to the Inland Lakes during October 1996. Natural inflow, as well as the low flow releases from Glendo Dam, will be stored during the winter which will increase storage to 15,100 acre-feet by March 31.

April through September -- Glendo Reservoir storage will increase to about 454,300 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 505,200 acre-feet at the end of May. At this level, it would take approximately 12,300 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 5,000 acre-feet, anticipating moving 10,000 acre-feet to the Inland Lakes in October.

Reasonable Minimum Condition - 1997

October through March -- Guernsey Reservoir contained 3,899 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 16,700 acre-feet by March 31. Glendo Reservoir content will increase from the carryover storage of 101,421 acre-feet to a March 31 content of 402,500 acre-feet.

April through September -- Glendo Reservoir storage will increase to about 462,600 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 54,900 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 716,000 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 and June and lowered to 30,000 acre-feet during July and 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 5,000 acre-feet under minimum conditions.

Reasonable Maximum Condition - 1997

October through March -- Guernsey Reservoir contained 3,899 acre-feet of water at the start of water year 1997. 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 33,000 acre-feet by March 31. Glendo Reservoir content is expected to increase from the starting content of 101,421 acre-feet to an end of March content of 391,200 acre-feet.

April through September -- Guernsey Reservoir content reaches a maximum end of month content of 40,000 acre-feet in April through August. Under reasonable maximum conditions Glendo Reservoir conservation capacity of 517,500 acre-feet will fill, and the flood pool will be entered during May. Maximum Glendo Reservoir storage for the water year will be 735,000 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 5,000 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 455,200 acre-feet by the end of July and will be about 108,500 acre-feet by the end of September. This end of year Glendo storage would be 128 percent of average and the total System storage at the end of the water year of 2,144,800 acre-feet (excluding about 5,900 acre-feet of storage in Kortes and Gray Reef Reservoirs) would be 147 percent of average for the major reservoirs on the North Platte River.

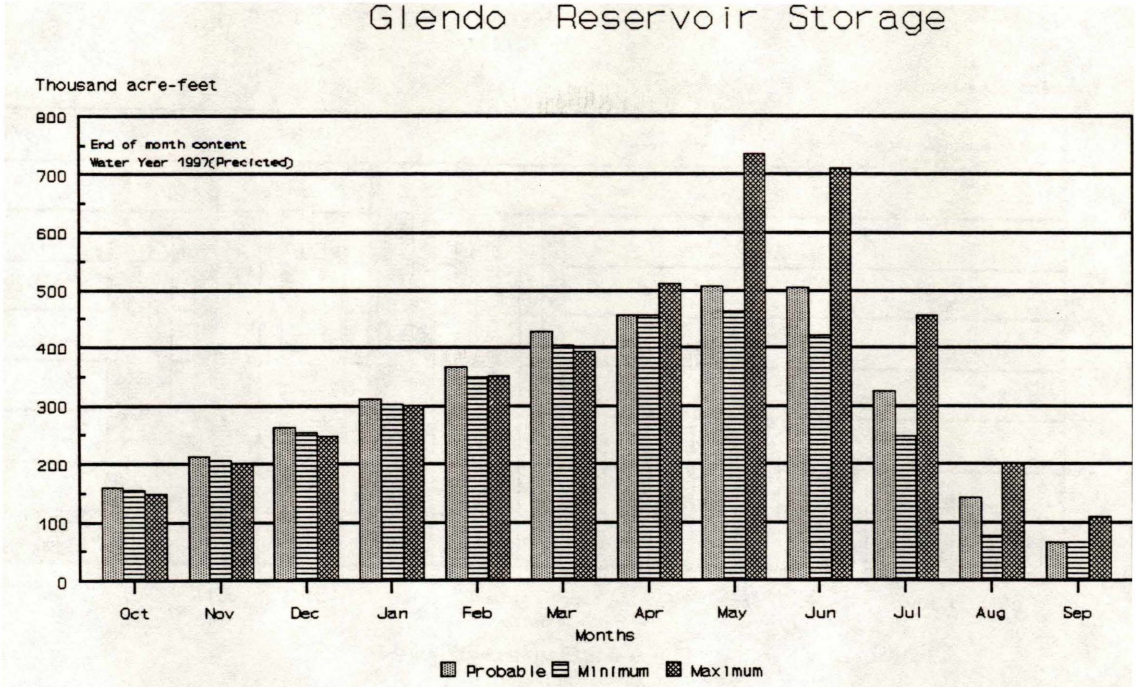

figure 16

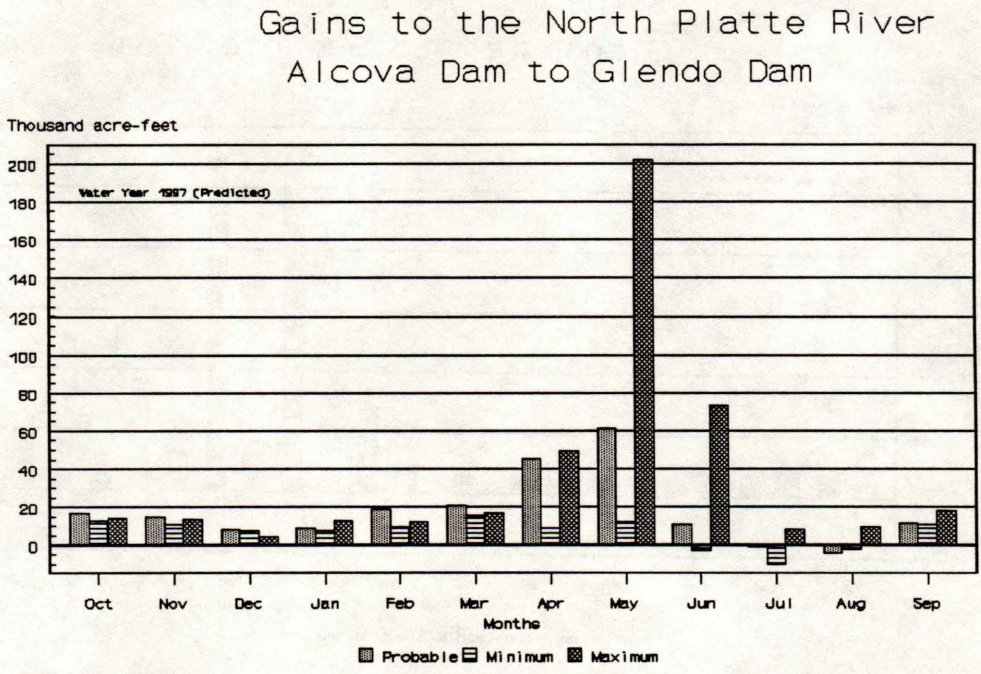

figure 17

Guernsey Reservoir Storage

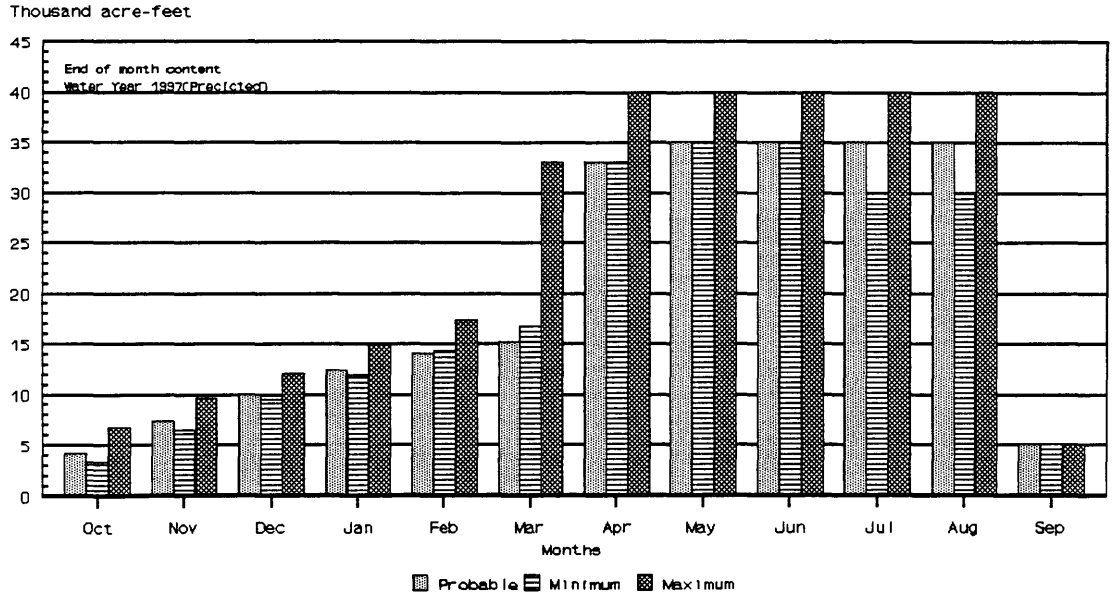

figure 18

Gains to the North Platte River
Glendo Dam to Guernsey Dam

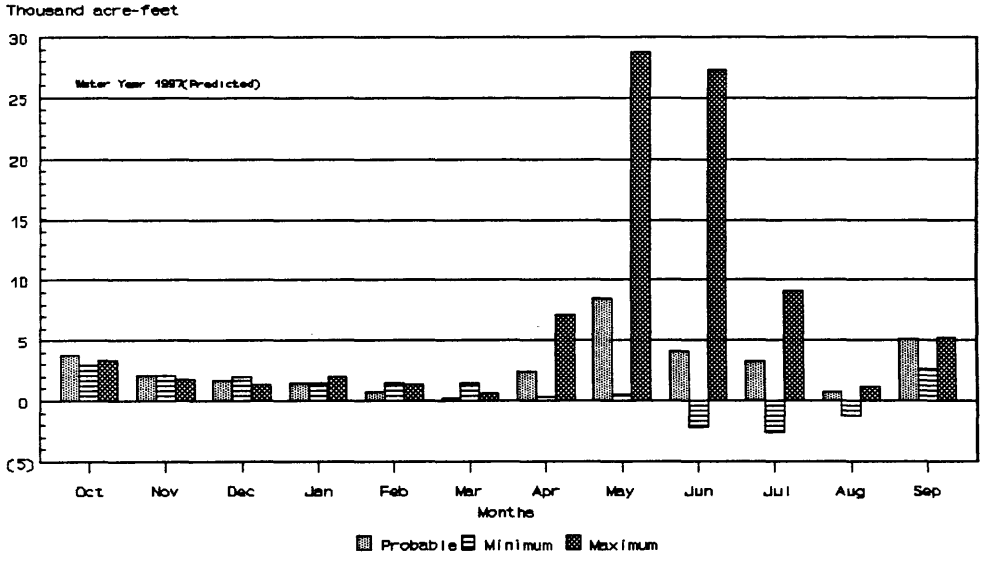

figure 19

Most Probable Condition - 1997

At the close of water year 1997 the North Platte Project storage ownership is expected to be near 628,000 acre-feet (145 percent of average); the Kendrick Project storage ownership is expected to be near 1,130,900 acre-feet (127 percent of average). Glendo storage ownership at the end of water year 1997 is expected to be near average with an end-of-season content of 149,300 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 - 1997

The North Platte Project storage ownership is expected to be 93,200 acre-feet at the close of the water year compared to 628,000 acre-feet with the most probable runoff conditions. The North Platte Project ownership will fill only to 872,600 acre-feet during the water year under minimum conditions. The Kendrick Project storage ownership is expected to be near 970,700 acre-feet which is 109 percent of average at the close of the water year. The Kendrick Project ownership will not accrue any water under the reasonable minimum conditions. Glendo storage ownership is expected to be near 128,600 acre-feet (91 percent of average) at the close of water year 1997 under the reasonable minimum runoff conditions. The Glendo Unit ownership will not accrue any water during the water year.

Reasonable Maximum Condition - 1997

All storage water ownerships in the North Platte River System will fill during the water year. About 810,100 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 1,050,000 acre-feet are projected for the North Platte River Project during April through September and irrigation deliveries of 20,000 acre-feet are projected for the Glendo Unit.

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Oct 1996

HYDROLOGY OPERATIONS

Seminoe Reservoir Operations — Initial Content 816.6 Kaf — Operating Limits: Max 1017.3 Kaf, 6357.00 Ft. Min 31.7 Kaf, 6239.02 Ft.

		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.	391.	855.	1968.	3934.	5418.	1605.	603.	373.
Turbine Release	kaf	43.0	50.7	67.7	67.7	61.2	67.7	65.5	113.8	110.2	113.8	43.1	41.7
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
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	50.7	67.7	67.7	61.2	67.7	65.5	113.8	110.2	113.8	43.1	41.7
Total Release	cfs	699.	852.	1101.	1101.	1102.	1101.	1101.	1851.	1852.	1851.	701.	701.
Evaporation	kaf	4.8	2.5	1.4	1.2	1.2	2.4	4.6	4.9	9.3	11.1	9.5	6.8
End-month content	kaf	797.7*	773.6*	728.0	679.5	639.4	622.3	669.4*	790.0	991.9	966.2*	951.3*	925.4*
End-month elevation	ft	6345.1	6343.7	6340.8	6337.6	6334.8	6333.6	6336.9	6344.7	6355.7	6354.4	6353.7	6352.3

Kortes Reservoir Operations — Initial Content 4.7 Kaf — Operating Limits: Max 4.8 Kaf, 6142.73 Ft. Min 1.7 Kaf, 6092.73 Ft.

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	43.0	50.7	67.7	67.7	61.2	67.7	65.5	113.8	110.2	113.8	43.1	41.7
Total Inflow	cfs	699.	852.	1101.	1101.	1102.	1101.	1101.	1851.	1852.	1851.	701.	701.
Turbine Release	kaf	42.9	50.7	67.7	67.7	61.2	67.7	65.5	113.8	110.2	113.8	43.1	41.7
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	50.7	67.7	67.7	61.2	67.7	65.5	113.8	110.2	113.8	43.1	41.7
Total Release	cfs	698.	852.	1101.	1101.	1102.	1101.	1101.	1851.	1852.	1851.	701.	701.

Pathfinder Reservoir Operations — Initial Content 771.7 Kaf — Operating Limits: Max 1016.5 Kaf, 5850.10 Ft. Min 31.4 Kaf, 5746.00 Ft.

		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	50.7	67.7	67.7	61.2	67.7	65.5	113.8	110.2	113.8	43.1	41.7
Total Inflow	kaf	46.6	53.6	69.1	68.9	64.7	76.6	85.1	142.0	137.1	126.5	51.1	44.1
Total Inflow	cfs	758.	901.	1124.	1121.	1165.	1246.	1430.	2309.	2304.	2057.	831.	741.
Turbine Release	kaf	20.8	42.0	43.3	43.2	39.1	43.4	66.1	114.5	137.5	154.9	147.6	75.9
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	20.8	42.0	43.3	43.2	39.1	43.4	66.1	114.5	137.5	154.9	147.6	75.9
Total Release	cfs	338.	706.	704.	703.	704.	706.	1111.	1862.	2311.	2519.	2400.	1276.
Evaporation	kaf	5.2	2.8	1.6	1.6	1.7	3.5	6.7	8.2	12.2	13.3	11.2	7.9
End-month content	kaf	792.3	801.1	825.3	849.4	873.3	903.0	915.3	934.6	922.0	880.3	772.6	732.9
End-month elevation	ft	5839.1	5839.5	5840.8	5842.1	5843.3	5844.7	5845.3	5846.3	5845.7	5843.6	5838.0	5835.7

Alcova Reservoir Operations — Initial Content 180.7 Kaf — Operating Limits: Max 184.4 Kaf, 5500.00 Ft. Min 100.0 Kaf, 5459.92 Ft.

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	20.8	42.0	43.3	43.2	39.1	43.4	66.1	114.5	137.5	154.9	147.6	75.9
Total Inflow	cfs	338.	706.	704.	703.	704.	706.	1111.	1862.	2311.	2519.	2400.	1276.
Turbine Release	kaf	44.9	41.7	43.1	43.0	38.9	43.0	41.8	98.5	119.1	135.3	129.2	67.8
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
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	44.9	41.7	43.1	43.0	38.9	43.0	41.8	113.5	136.1	153.3	146.2	74.8
Total Release	cfs	730.	701.	701.	699.	700.	699.	702.	1846.	2287.	2493.	2378.	1257.
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	155.9*	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	5487.9	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 0.1 Kaf — Operating Limits: Max 1.8 Kaf, 5332.00 Ft. Min 0.0 Kaf, 5306.00 Ft.

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	44.9	41.7	43.1	43.0	38.9	43.0	41.8	98.5	119.1	135.3	129.2	67.8
Total Inflow	cfs	730.	701.	701.	699.	700.	699.	702.	1602.	2002.	2200.	2101.	1139.
Total Release	kaf	43.1	41.7	43.1	43.0	38.9	43.0	41.7	98.4	119.0	135.2	129.1	67.7
Total Release	cfs	701.	701.	701.	699.	700.	699.	701.	1600.	2000.	2199.	2100.	1138.

Glendo Reservoir Operations — Initial Content 101.4 Kaf — Operating Limits: Max 585.0 Kaf, 4640.16 Ft. Min 63.2 Kaf, 4570.02 Ft.

		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	43.1	41.7	43.1	43.0	38.9	43.0	41.7	98.4	119.0	135.2	129.1	67.7
Total Inflow	kaf	59.8	56.8	51.1	51.8	58.1	64.2	87.0	159.7	130.2	134.1	124.6	79.2
Total Inflow	cfs	973.	955.	831.	842.	1046.	1044.	1462.	2597.	2188.	2181.	2026.	1331.
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	55.0	102.9	122.6	230.5	221.4	151.1
Low Flow Release	kaf	1.5	1.5	1.5	1.5	1.4	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	77.0	80.5	0.0
Total Release	kaf	1.5	1.5	1.5	1.5	1.4	1.5	56.5	104.4	124.1	309.0	303.4	152.6
Total Release	cfs	24.	25.	24.	24.	25.	24.	950.	1698.	2086.	5025.	4934.	2565.
Evaporation	kaf	1.0	0.8	0.7	0.8	0.8	1.8	3.2	4.9	7.0	6.7	4.2	1.8
End-month content	kaf	158.4	212.3	261.1	310.5	366.3	427.1	454.3*	505.2*	504.5*	323.1*	140.1*	65.0*
End-month elevation	ft	4592.7	4601.5	4608.4	4614.5	4620.9	4627.0	4629.6	4634.0	4633.9	4616.0	4589.2	4570.6

Guernsey Reservoir Operations — Initial Content 3.9 Kaf — Operating Limits: Max 45.6 Kaf, 4419.99 Ft. Min 0.0 Kaf, 4370.00 Ft.

		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	1.5	1.5	1.5	1.5	1.4	1.5	56.5	104.4	124.1	309.0	303.4	152.6
Total Inflow	kaf	5.3	3.6	3.2	3.0	2.1	1.7	58.9	112.9	128.2	312.3	304.1	157.7
Total Inflow	cfs	86.	60.	52.	49.	38.	28.	990.	1836.	2154.	5079.	4946.	2650.
Turbine Release	kaf	4.7	0.0	0.0	0.0	0.0	0.0	40.1	52.7	50.9	52.6	52.6	53.9
Seepage	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	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	57.3	76.1	258.4	250.4	133.1
Total Release	kaf	5.0	0.2	0.3	0.4	0.3	0.3	40.5	110.0	127.0	311.0	303.0	187.0
Total Release	cfs	81.	3.	5.	7.	5.	5.	681.	1789.	2134.	5058.	4928.	3143.
Evaporation	kaf	0.1	0.2	0.2	0.2	0.2	0.3	0.5	0.9	1.2	1.3	1.1	0.7
End-month content	kaf	4.1	7.3	10.0	12.4#	14.0#	15.1#	33.0*	35.0*	35.0*	35.0*	35.0*	5.0*
End-month elevation	ft	4393.0	4397.5	4400.3	4402.4	4403.6	4404.4	4414.4	4415.3	4415.3	4415.3	4415.3	4394.5

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OWNERSHIP OPERATIONS

North Platte Pathfinder — Initial Ownership 565.1 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	29.0	28.1	23.2	19.8	23.8	58.7	131.1	137.7	0.0	0.0	0.0	0.0
Evaporation	kaf	3.6	2.1	1.3	1.3	1.4	2.8	5.6	7.8	13.0	13.0	11.4	6.8
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210.5	133.8
End-month Ownership	kaf	594.1	622.2	645.4	665.2	689.0	747.7	878.8	1016.5	1003.5	990.5	768.6	628.0

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	0.3	0.4	0.6	0.6	0.5	0.0
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.2	0.0
End-month Ownership	kaf	0.0	0.0	9.4	19.3	38.9	45.6	45.3	44.9	44.3	43.7	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	8.6	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	5.0	0.0	0.0	0.0	0.0	0.0	40.5	0.0	0.0	0.0	0.0	0.0
End-month Ownership	kaf	15.5	32.4	32.3	32.2	32.1	31.9	0.0	0.0	0.0	0.0	0.0	0.0

Kendrick — Initial Ownership1144.7 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	0.0	59.5	28.6	0.0	0.0	0.0
Evaporation	kaf	7.2	3.9	2.4	2.3	2.3	4.6	8.4	9.9	14.9	15.5	13.6	10.1
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	17.0	7.0
End-month Ownership	kaf	1137.5	1133.6	1131.2	1128.9	1126.6	1122.0	1113.6	1173.1	1201.7	1178.6	1148.0	1130.9

Glendo Unit — Initial Ownership 163.1 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	14.3	5.8	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	1.1	0.5	0.3	0.3	0.3	0.7	1.3	1.5	2.2	2.3	1.9	1.5
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	162.0	161.5	161.2	160.9	160.6	174.2	178.7	177.2	175.0	172.7	162.8	149.3

Excess to Ownership — Initial Ownership 0.9 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	0.0	33.1	0.0	177.1	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	2.6	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	207.8	0.0	0.0
End-month total	kaf	0.9	0.9	0.9	0.9	0.9	0.9	34.0	33.7	210.4	0.0	0.0	0.0

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City of Cheyenne Initial Ownership 3.3 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Inflow	kaf	0.0	1.8	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	0.1	0.1	0.1	0.1	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	3.3	5.1	5.5	6.0	6.6	7.0	7.0	4.3	3.2	3.6	4.1	4.5

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	0.3	0.6	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	1.7	1.1	1.0	0.9	0.8	0.7	0.6	1.1	1.3	1.5	1.5	1.6

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	0.0	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	5.0	0.0	0.0	0.0	0.0	0.0	40.5	0.0	0.0	0.0	0.0	0.0
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
Seepage	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	0.0	0.0	0.0	0.0	0.0
Actual Release	kaf	5.0	0.2	0.3	0.4	0.3	0.3	40.5	110.0	127.0	311.0	303.0	187.0

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	43.0	50.7	67.7	67.7	61.2	67.7	65.5	113.8	110.2	113.8	43.1	41.7
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	22.655	23.951	25.108	33.473	29.563	30.256	31.421	33.473	31.790	32.076	32.364	26.080
Actual generation	gwh	7.482	8.780	11.627	11.445	10.199	11.156	10.826	19.346	19.571	20.484	7.758	7.464
Percent max generation		33.	37.	46.	34.	34.	37.	34.	58.	62.	64.	24.	29.
Average kwh/af		174.	173.	172.	169.	167.	165.	165.	170.	178.	180.	180.	179.

Kortes Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	42.9	50.7	67.7	67.7	61.2	67.7	65.5	113.8	110.2	113.8	43.1	41.7
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	20.709	17.200	18.490	23.770	27.606	26.712	27.606	27.606	26.712
Actual generation	gwh	7.379	8.720	11.644	11.644	10.526	11.644	11.266	19.574	18.954	19.574	7.413	7.172
Percent max generation		27.	33.	42.	56.	61.	63.	47.	71.	71.	71.	27.	27.
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	20.8	42.0	43.3	43.2	39.1	43.4	66.1	114.5	137.5	154.9	147.6	75.9
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	23.494	26.460	24.529	47.206	42.643	47.242	45.720	47.269	45.733	47.251	47.198	44.347
Actual generation	gwh	5.783	11.711	12.083	12.060	10.919	12.125	18.472	32.006	38.437	43.284	41.197	20.985
Percent max generation		25.	44.	49.	26.	26.	26.	40.	68.	84.	92.	87.	47.
Average kwh/af		278.	279.	279.	279.	279.	279.	279.	280.	280.	279.	279.	276.

Alcova Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	44.9	41.7	43.1	43.0	38.9	43.0	41.8	98.5	119.1	135.3	129.2	67.8
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	27.180	26.588	27.472	15.939	16.878	15.939	16.298	27.552	26.656	27.552	19.558	19.460
Actual generation	gwh	6.201	5.671	5.862	5.848	5.290	5.848	5.768	13.790	16.674	18.942	18.088	9.492
Percent max generation		23.	21.	21.	37.	31.	37.	35.	50.	63.	69.	92.	49.
Average kwh/af		138.	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	55.0	102.9	122.6	230.5	221.4	151.1
Bypass	kaf	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	78.5	82.0	1.5
Maximum generation	gwh	8.585	9.314	16.305	17.530	121.966	24.602	25.037	27.029	26.887	25.090	19.734	12.301
Actual generation	gwh	0.000	0.000	0.000	0.000	0.000	0.000	6.101	11.725	14.208	25.090	19.734	9.397
Percent max generation		0.	0.	0.	0.	0.	0.	24.	43.	53.	100.	100.	76.
Average kwh/af		0.	0.	0.	0.	0.	0.	111.	114.	116.	109.	89.	62.

Guernsey Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	4.7	0.0	0.0	0.0	0.0	0.0	40.1	52.7	50.9	52.6	52.6	53.9
Bypass	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	57.3	76.1	258.4	250.4	133.1
Maximum generation	gwh	2.390	1.635	2.665	1.962	3.120	3.500	3.593	3.837	3.716	3.840	3.840	3.557
Actual generation	gwh	0.197	0.000	0.000	0.000	0.000	0.000	2.744	3.837	3.716	3.840	3.840	3.557
Percent max generation		8.	0.	0.	0.	0.	0.	76.	100.	100.	100.	100.	100.
Average kwh/af		42.	0.	0.	0.	0.	0.	68.	73.	73.	73.	73.	66.

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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	6.101	11.725	14.208	25.090	19.734	9.397
Guernsey	gwh	0.197	0.000	0.000	0.000	0.000	0.000	2.744	3.837	3.716	3.840	3.840	3.557
Total	gwh	0.197	0.000	0.000	0.000	0.000	0.000	8.845	15.562	17.924	28.930	23.574	12.954
Load Following Generation:													
Seminoe	gwh	7.482	8.780	11.627	11.445	10.199	11.156	10.826	19.346	19.571	20.484	7.758	7.464
Kortes	gwh	7.379	8.720	11.644	11.644	10.526	11.644	11.266	19.574	18.954	19.574	7.413	7.172
Fremont Canyon	gwh	5.783	11.711	12.083	12.060	10.919	12.125	18.472	32.006	38.437	43.284	41.197	20.985
Alcova	gwh	6.201	5.671	5.862	5.848	5.290	5.848	5.768	13.790	16.674	18.942	18.088	9.492
Total	gwh	26.845	34.882	41.216	40.997	36.934	40.773	46.332	84.716	93.636	102.284	74.456	45.113
Total Generation	gwh	27.042	34.882	41.216	40.997	36.934	40.773	55.177	100.278	111.560	131.214	98.030	58.067
Total Capability	gwh	112.013	114.660	123.685	136.819	231.370	140.029	145.839	166.766	161.494	163.415	150.300	132.457

PROJECT RELEASE FLEXIBILITY

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Seminoe	Min kaf	43.0	50.7	30.8	30.8	27.8	30.8	29.8	30.8	84.8	62.7	43.1	41.7
	Max kaf	43.0	50.7	160.5	184.5	166.6	181.2	166.7	184.5	178.5	178.2	43.1	41.7
	Min gwh	7.482	8.780	5.290	5.207	4.633	5.076	4.925	5.236	15.060	11.286	7.758	7.464
	Max gwh	7.482	8.780	25.108	31.191	27.763	29.860	27.553	31.365	31.701	32.076	7.758	7.464
Kortes	Min kaf	42.9	50.7	30.8	30.8	27.8	30.8	29.8	30.8	84.8	62.7	43.1	41.7
	Max kaf	42.9	50.7	160.5	184.5	166.6	181.2	166.7	184.5	178.5	178.2	43.1	41.7
	Min gwh	7.379	8.720	5.298	5.298	4.782	5.298	5.126	5.298	14.586	10.784	7.413	7.172
	Max gwh	7.379	8.720	27.606	20.709	17.200	18.490	23.770	27.606	26.712	27.606	7.413	7.172
Fremont Canyon	Min kaf	8.4	30.1	30.9	30.9	28.0	31.1	54.2	114.5	137.5	154.9	147.6	75.9
	Max kaf	92.7	114.4	115.2	115.2	112.3	115.4	138.5	114.5	137.5	154.9	147.6	75.9
	Min gwh	2.336	8.393	8.623	8.626	7.819	8.689	15.147	32.006	38.437	43.284	41.197	20.985
	Max gwh	23.494	26.460	24.529	32.159	31.361	32.240	38.706	32.006	38.437	43.284	41.197	20.985
Alcova	Min kaf	32.5	29.8	30.7	30.7	27.8	30.7	29.9	98.5	119.1	135.3	129.2	67.8
	Max kaf	116.8	114.1	115.0	115.0	112.1	115.0	114.2	98.5	119.1	135.3	129.2	67.8
	Min gwh	4.489	4.053	4.175	4.175	3.781	4.175	4.126	13.790	16.674	18.942	18.088	9.492
	Max gwh	16.131	15.518	15.640	15.640	15.246	15.640	15.760	13.790	16.674	18.942	18.088	9.492
Load Following	Min gwh	21.686	29.946	23.386	23.306	21.015	23.238	29.324	56.330	84.757	84.296	74.456	45.113
	Max gwh	54.486	59.478	92.883	99.699	91.570	96.230	105.789	104.767	113.524	121.908	74.456	45.113
Total Project	Min gwh	21.883	29.946	23.386	23.306	21.015	23.238	38.169	71.892	102.681	113.226	98.030	58.067
	Max gwh	54.683	59.478	92.883	99.699	91.570	96.230	114.634	120.329	131.448	150.838	98.030	58.067

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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	8.5	15.8	19.7	33.7	26.5	13.1
Guernsey	mw	0.3	0.0	0.0	0.0	0.0	0.0	3.8	5.2	5.2	5.2	5.2	4.9
Total Base Load	mw	0.3	0.0	0.0	0.0	0.0	0.0	12.3	21.0	24.9	38.9	31.7	18.0
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	12.0	12.0	12.0	12.0	12.0
Max Capacity	mw	11.6	14.5	21.5	21.5	18.5	21.5	20.5	40.0	38.9	40.0	11.6	11.1
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
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	11.7	11.8	11.8	12.0	11.8	11.9	9.9	10.5	9.9	11.4	11.4
Max Capacity	mw	12.2	15.6	21.8	21.8	19.9	21.8	21.2	36.0	36.0	36.0	12.3	11.7
Duration	mw	12.6	12.3	12.2	12.2	12.0	12.2	12.1	14.1	13.5	14.1	12.6	12.6
Fremont Canyon													
Min Capacity	mw	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	66.0	7.5	7.5
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	8.2	4.4	12.0	2.9	12.0
Max Capacity	mw	8.0	27.3	28.5	28.4	24.7	28.6	47.0	66.0	66.0	66.0	66.0	55.0
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	15.8	19.6	12.0	21.1	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	11.6	9.8	10.5	12.0
Max Capacity	mw	14.0	12.6	13.2	13.2	11.5	13.2	12.7	31.4	35.9	36.0	36.0	20.3
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.4	14.2	13.5	12.0
Total Load Following													
Min Capacity	mw	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	82.3	23.8	23.8
Max Capacity	mw	45.8	70.0	85.0	84.9	74.6	85.1	101.4	173.4	176.8	178.0	125.9	98.1
Total Project Capacity													
Min Capacity	mw	24.1	23.8	23.8	23.8	23.8	23.8	36.1	44.8	48.7	121.2	55.5	41.8
Max Capacity	mw	46.1	70.0	85.0	84.9	74.6	85.1	113.7	194.4	201.7	216.9	157.6	116.1

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HYDROLOGY OPERATIONS

Seminoe Reservoir Operations — Initial Content 816.6 Kaf — Operating Limits: Max 1017.3 Kaf, 6357.00 Ft. Min 31.7 Kaf, 6239.02 Ft.

		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.	387.	764.	1331.	2009.	2033.	525.	303.	220.
Turbine Release	kaf	43.2	50.6	67.6	67.6	61.1	67.6	71.4	110.7	107.1	49.2	30.8	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	43.2	50.6	67.6	67.6	61.1	67.6	71.4	110.7	107.1	49.2	30.8	29.8
Total Release	cfs	703.	850.	1099.	1099.	1100.	1099.	1200.	1800.	1800.	800.	501.	501.
Evaporation	kaf	4.7	2.5	1.3	1.2	1.2	2.4	4.4	4.3	7.0	7.6	6.4	4.6
End-month content	kaf	796.3*	768.0*	721.9	672.2	632.0	609.5*	613.1*	618.9*	624.9*	600.9*	582.9	561.9#
End-month elevation	ft	6345.0	6343.3	6340.4	6337.1	6334.3	6332.6	6332.9	6333.3	6333.7	6332.0	6330.6	6329.0

Kortes Reservoir Operations — Initial Content 4.7 Kaf — Operating Limits: Max 4.8 Kaf, 6142.73 Ft. Min 1.7 Kaf, 6092.73 Ft.

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	43.2	50.6	67.6	67.6	61.1	67.6	71.4	110.7	107.1	49.2	30.8	29.8
Total Inflow	cfs	703.	850.	1099.	1099.	1100.	1099.	1200.	1800.	1800.	800.	501.	501.
Turbine Release	kaf	43.1	50.6	67.6	67.6	61.1	67.6	71.4	110.7	107.1	49.2	30.8	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	43.1	50.6	67.6	67.6	61.1	67.6	71.4	110.7	107.1	49.2	30.8	29.8
Total Release	cfs	701.	850.	1099.	1099.	1100.	1099.	1200.	1800.	1800.	800.	501.	501.

Pathfinder Reservoir Operations — Initial Content 771.7 Kaf — Operating Limits: Max 1016.5 Kaf, 5850.10 Ft. Min 31.4 Kaf, 5746.00 Ft.

		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	43.1	50.6	67.6	67.6	61.1	67.6	71.4	110.7	107.1	49.2	30.8	29.8
Total Inflow	kaf	47.9	54.3	72.5	71.2	64.8	75.6	83.0	119.7	116.0	58.3	40.0	33.9
Total Inflow	cfs	779.	913.	1179.	1158.	1167.	1230.	1395.	1947.	1949.	948.	651.	570.
Turbine Release	kaf	20.8	42.0	43.2	43.2	39.1	43.4	119.5	165.7	162.9	169.1	169.0	145.0
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	20.8	42.0	43.2	43.2	39.1	43.4	119.5	165.7	162.9	169.1	169.0	145.0
Total Release	cfs	338.	706.	703.	703.	704.	706.	2008.	2695.	2738.	2750.	2749.	2437.
Evaporation	kaf	5.2	2.9	1.6	1.6	1.7	3.5	6.6	7.7	10.8	10.9	8.1	5.0
End-month content	kaf	793.6	803.0	830.7	857.1	881.1	909.8	866.7	813.0	755.3	633.6	496.5	380.4
End-month elevation	ft	5839.1	5839.6	5841.1	5842.4	5843.7	5845.1	5842.9	5840.2	5837.0	5829.7	5819.8	5809.3

Alcova Reservoir Operations — Initial Content 180.7 Kaf — Operating Limits: Max 184.4 Kaf, 5500.00 Ft. Min 145.3 Kaf, 5483.12 Ft.

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	20.8	42.0	43.2	43.2	39.1	43.4	119.5	165.7	162.9	169.1	169.0	145.0
Total Inflow	cfs	338.	706.	703.	703.	704.	706.	2008.	2695.	2738.	2750.	2749.	2437.
Turbine Release	kaf	44.9	41.7	43.0	43.0	38.9	43.0	95.2	147.7	142.5	147.5	148.6	134.9
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
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	44.9	41.7	43.0	43.0	38.9	43.0	95.2	164.7	161.5	167.5	167.6	143.9
Total Release	cfs	730.	701.	699.	699.	700.	699.	1600.	2679.	2714.	2724.	2726.	2418.
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	155.9*	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	5487.9	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 0.1 Kaf — Operating Limits: Max 1.8 Kaf, 5332.00 Ft. Min 0.0 Kaf, 5306.00 Ft.

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	44.9	41.7	43.0	43.0	38.9	43.0	95.2	147.7	142.5	147.5	148.6	134.9
Total Inflow	cfs	730.	701.	699.	699.	700.	699.	1600.	2402.	2395.	2399.	2417.	2267.
Total Release	kaf	43.1	41.7	43.0	43.0	38.9	43.0	95.1	147.6	142.4	147.4	148.5	134.8
Total Release	cfs	701.	701.	699.	699.	700.	699.	1598.	2400.	2393.	2397.	2415.	2265.

Glendo Reservoir Operations — Initial Content 101.4 Kaf — Operating Limits: Max 517.5 Kaf, 4635.00 Ft. Min 63.2 Kaf, 4570.02 Ft.

		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	43.1	41.7	43.0	43.0	38.9	43.0	95.1	147.6	142.4	147.4	148.5	134.8
Total Inflow	kaf	55.8	53.0	50.4	50.4	48.8	58.7	104.4	159.8	139.4	137.1	146.0	145.7
Total Inflow	cfs	908.	891.	820.	820.	879.	955.	1754.	2599.	2343.	2230.	2374.	2449.
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	47.8	145.9	174.9	222.4	214.4	153.6
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	80.0	98.2	0.0
Total Release	kaf	1.5	1.5	1.5	1.5	1.5	1.5	49.3	147.4	176.4	303.9	314.1	155.1
Total Release	cfs	24.	25.	24.	24.	27.	24.	829.	2397.	2965.	4942.	5108.	2607.
Evaporation	kaf	1.0	0.7	0.8	0.7	0.8	1.8	3.1	4.7	6.2	5.8	3.3	1.5
End-month content	kaf	154.1	204.7	252.7	300.8	347.2*	402.5*	454.4*	462.6*	419.6*	247.2*	75.8*	65.0*
End-month elevation	ft	4591.9	4600.4	4607.2	4613.4	4618.8	4624.6	4629.6	4630.3	4626.3	4606.5	4573.8	4570.6

Guernsey Reservoir Operations — Initial Content 3.9 Kaf — Operating Limits: Max 45.6 Kaf, 4419.99 Ft. Min 0.0 Kaf, 4370.00 Ft.

		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	49.3	147.4	176.4	303.9	314.1	155.1
Total Inflow	kaf	4.4	3.6	3.5	3.0	3.0	3.0	49.6	147.9	174.2	301.3	312.9	157.7
Total Inflow	cfs	72.	60.	57.	49.	54.	49.	834.	2405.	2928.	4900.	5089.	2650.
Turbine Release	kaf	4.7	0.0	0.0	0.0	0.0	0.0	32.4	52.7	50.9	52.9	53.3	54.9
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	91.1	119.1	249.0	256.2	125.0
Total Release	kaf	5.0	0.2	0.3	0.4	0.3	0.3	32.8	145.0	173.0	305.0	312.0	182.0
Total Release	cfs	81.	3.	5.	7.	5.	5.	551.	2358.	2907.	4960.	5074.	3059.
Evaporation	kaf	0.1	0.2	0.2	0.2	0.2	0.3	0.5	0.9	1.2	1.3	0.9	0.7
End-month content	kaf	3.2#	6.4	9.4	11.8	14.3#	16.7#	33.0*	35.0*	35.0*	30.0*	30.0*	5.0*
End-month elevation	ft	4391.2	4396.4	4399.7	4401.9	4403.8	4405.5	4414.4	4415.3	4415.3	4412.9	4412.9	4394.5

NORTH PLATTE RIVER OPERATING PLAN
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OWNERSHIP OPERATIONS

North Platte Pathfinder — Initial Ownership 565.1 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	27.8	26.1	26.0	20.9	23.8	52.1	85.3	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	3.5	2.1	1.3	1.3	1.4	2.9	5.5	7.2	10.4	11.0	6.3	2.3
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	271.5	280.9	144.3
End-month Ownership	kaf	592.9	619.0	645.0	665.9	689.7	741.8	827.1	820.1	809.5	527.0	239.8	93.2

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	0.0	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	0.5	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	44.2	0.0	0.0	0.0
End-month Ownership	kaf	0.0	0.0	9.1	17.6	28.7	45.5	45.1	44.7	0.0	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	9.5	0.0	0.0	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.3	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Trnsfr fm Ownership	kaf	5.0	0.0	0.0	0.0	0.0	0.0	32.8	0.0	0.0	0.0	0.0	0.0
End-month Ownership	kaf	10.6	23.7	23.6	23.5	23.4	23.3	0.0	0.0	0.0	0.0	0.0	0.0

Kendrick — Initial Ownership 1144.7 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	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	7.2	3.9	2.4	2.2	2.3	4.6	8.3	9.7	13.7	14.2	12.1	9.4
Deliv fm Ownership	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
End-month Ownership	kaf	1137.5	1133.6	1131.2	1129.0	1126.7	1122.1	1113.8	1087.1	1054.4	1020.2	989.1	970.7

Glendo Unit — Initial Ownership 163.1 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	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	1.1	0.5	0.3	0.3	0.3	0.7	1.1	1.3	2.0	2.0	1.7	1.2
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	162.0	161.5	161.2	160.9	160.6	159.9	158.8	157.5	152.5	145.5	136.8	128.6

Excess to Ownership — Initial Ownership 0.9 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	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0
End-month total	kaf	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0

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City of Cheyenne — Initial Ownership 3.3 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	0.1	0.1	0.1	0.1
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	4.4	4.7	5.1	5.6	6.2	6.7	6.8	4.0	3.0	3.4	3.9	4.1

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145.0	170.0	300.0	305.0	175.0
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	5.0	0.0	0.0	0.0	0.0	0.0	32.8	0.0	0.0	0.0	0.0	0.0
Total Requirement	kaf	5.0	0.0	0.0	0.0	0.0	0.0	32.8	145.0	173.0	305.0	312.0	182.0
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	5.0	0.2	0.3	0.4	0.3	0.3	32.8	145.0	173.0	305.0	312.0	182.0

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POWER GENERATION

Seminoe Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	43.2	50.6	67.6	67.6	61.1	67.6	71.4	110.7	107.1	49.2	30.8	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	28.658	23.610	28.121	29.080	29.432	31.996	30.802	31.914	30.996	31.865	31.460	30.094
Actual generation	gwh	7.517	8.746	11.570	11.383	10.137	11.086	11.698	18.155	17.564	8.069	4.990	4.796
Percent max generation		26.	37.	41.	39.	34.	35.	38.	57.	57.	25.	16.	16.
Average kwh/af		174.	173.	171.	168.	166.	164.	164.	164.	164.	164.	162.	161.

Kortes Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	43.1	50.6	67.6	67.6	61.1	67.6	71.4	110.7	107.1	49.2	30.8	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	27.606	23.461	19.195	18.490	23.237	27.606	26.712	27.606	27.606	26.712
Actual generation	gwh	7.413	8.703	11.627	11.627	10.509	11.627	12.281	19.040	18.421	8.462	5.298	5.126
Percent max generation		27.	33.	42.	50.	55.	63.	53.	69.	69.	31.	19.	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	20.8	42.0	43.2	43.2	39.1	43.4	119.5	165.7	162.9	169.1	169.0	145.0
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	47.022	23.735	27.377	32.581	42.648	47.247	45.706	47.207	45.506	46.227	44.821	41.894
Actual generation	gwh	5.784	11.714	12.056	12.061	10.920	12.126	33.385	46.258	45.311	46.227	44.794	37.131
Percent max generation		12.	49.	44.	37.	26.	26.	73.	98.	100.	100.	100.	89.
Average kwh/af		278.	279.	279.	279.	279.	279.	279.	279.	278.	273.	265.	256.

Alcova Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	44.9	41.7	43.0	43.0	38.9	43.0	95.2	147.7	142.5	147.5	148.6	134.9
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	13.590	13.301	13.736	13.736	12.403	13.736	13.138	27.552	26.656	27.552	27.552	26.656
Actual generation	gwh	6.201	5.671	5.848	5.848	5.290	5.848	13.138	20.678	19.950	20.650	20.804	18.886
Percent max generation		46.	43.	43.	43.	43.	43.	100.	75.	75.	75.	76.	71.
Average kwh/af		138.	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	47.8	145.9	174.9	222.4	214.4	153.6
Bypass	kaf	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	81.5	99.7	1.5
Maximum generation	gwh	14.186	16.590	19.645	10.973	11.609	22.067	24.691	26.403	25.055	22.826	16.101	10.311
Actual generation	gwh	0.000	0.000	0.000	0.000	0.000	0.000	5.257	16.386	19.407	22.826	16.101	8.284
Percent max generation		0.	0.	0.	0.	0.	0.	21.	62.	77.	100.	100.	80.
Average kwh/af		0.	0.	0.	0.	0.	0.	110.	112.	111.	103.	75.	54.

Guernsey Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	4.7	0.0	0.0	0.0	0.0	0.0	32.4	52.7	50.9	52.9	53.3	54.9
Bypass	kaf	0.3	0.2	0.3	0.4	0.3	0.3	0.4	92.3	122.1	252.1	258.7	127.1
Maximum generation	gwh	2.183	2.694	1.860	2.649	1.901	2.263	3.604	3.837	3.716	3.835	3.838	3.486
Actual generation	gwh	0.189	0.000	0.000	0.000	0.000	0.000	2.233	3.837	3.716	3.835	3.838	3.486
Percent max generation		9.	0.	0.	0.	0.	0.	62.	100.	100.	100.	100.	100.
Average kwh/af		40.	0.	0.	0.	0.	0.	69.	73.	73.	72.	72.	63.

NORTH PLATTE RIVER OPERATING PLAN
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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	5.257	16.386	19.407	22.826	16.101	8.284
Guernsey	gwh	0.189	0.000	0.000	0.000	0.000	0.000	2.233	3.837	3.716	3.835	3.838	3.486
Total	gwh	0.189	0.000	0.000	0.000	0.000	0.000	7.490	20.223	23.123	26.661	19.939	11.770
Load Following Generation:													
Seminoe	gwh	7.517	8.746	11.570	11.383	10.137	11.086	11.698	18.155	17.564	8.069	4.990	4.796
Kortes	gwh	7.413	8.703	11.627	11.627	10.509	11.627	12.281	19.040	18.421	8.462	5.298	5.126
Fremont Canyon	gwh	5.784	11.714	12.056	12.061	10.920	12.126	33.385	46.258	45.311	46.227	44.794	37.131
Alcova	gwh	6.201	5.671	5.848	5.848	5.290	5.848	13.138	20.678	19.950	20.650	20.804	18.886
Total	gwh	26.915	34.834	41.101	40.919	36.856	40.687	70.502	104.131	101.246	83.408	75.886	65.939
Total Generation	gwh	27.104	34.834	41.101	40.919	36.856	40.687	77.992	124.354	124.369	110.069	95.825	77.709
Total Capability	gwh	133.348	106.642	118.345	112.480	117.188	135.799	141.178	164.519	158.641	159.911	151.378	139.153

PROJECT RELEASE FLEXIBILITY

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Seminoe	Min kaf	43.2	50.6	30.8	30.8	27.8	30.8	71.4	110.7	107.1	49.2	30.8	29.8
	Max kaf	43.2	50.6	164.3	172.7	166.6	174.3	71.4	110.7	107.1	49.2	30.8	29.8
	Min gwh	7.517	8.746	5.272	5.186	4.612	5.051	11.698	18.155	17.564	8.069	4.990	4.796
	Max gwh	7.517	8.746	28.121	29.080	27.641	28.585	11.698	18.155	17.564	8.069	4.990	4.796
Kortes	Min kaf	43.1	50.6	30.8	30.8	27.8	30.8	71.4	110.7	107.1	49.2	30.8	29.8
	Max kaf	43.1	50.6	164.3	172.7	166.6	174.3	71.4	110.7	107.1	49.2	30.8	29.8
	Min gwh	7.413	8.703	5.298	5.298	4.782	5.298	12.281	19.040	18.421	8.462	5.298	5.126
	Max gwh	7.413	8.703	27.606	23.461	19.195	18.490	12.281	19.040	18.421	8.462	5.298	5.126
Fremont Canyon	Min kaf	8.4	30.1	30.9	30.9	28.0	43.4	119.5	165.7	162.9	169.1	169.0	145.0
	Max kaf	68.4	90.1	90.9	90.9	88.0	43.4	119.5	165.7	162.9	169.1	169.0	145.0
	Min gwh	2.336	8.395	8.623	8.627	7.820	12.126	33.385	46.258	45.311	46.227	44.794	37.131
	Max gwh	19.020	23.735	25.368	25.378	24.578	12.126	33.385	46.258	45.311	46.227	44.794	37.131
Alcova	Min kaf	32.5	29.8	30.7	30.7	27.8	43.0	95.2	147.7	142.5	147.5	148.6	134.9
	Max kaf	92.5	89.8	90.7	90.7	87.8	43.0	95.2	147.7	142.5	147.5	148.6	134.9
	Min gwh	4.489	4.053	4.175	4.175	3.781	5.848	13.138	20.678	19.950	20.650	20.804	18.886
	Max gwh	12.775	12.213	12.335	12.335	11.941	5.848	13.138	20.678	19.950	20.650	20.804	18.886
Load Following	Min gwh	21.755	29.897	23.368	23.286	20.995	28.323	70.502	104.131	101.246	83.408	75.886	65.939
	Max gwh	46.725	53.397	93.430	90.254	83.355	65.049	70.502	104.131	101.246	83.408	75.886	65.939
Total Project	Min gwh	21.944	29.897	23.368	23.286	20.995	28.323	77.992	124.354	124.369	110.069	95.825	77.709
	Max gwh	46.914	53.397	93.430	90.254	83.355	65.049	77.992	124.354	124.369	110.069	95.825	77.709

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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	7.3	22.0	27.0	30.7	21.6	11.5
Guernsey	mw	0.3	0.0	0.0	0.0	0.0	0.0	3.1	5.2	5.2	5.2	5.2	4.8
Total Base Load	mw	0.3	0.0	0.0	0.0	0.0	0.0	10.4	27.2	32.2	35.9	26.8	16.3
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	12.0	12.0	12.0	12.0	12.0
Max Capacity	mw	11.7	14.5	21.4	21.4	18.5	21.4	23.2	39.0	37.9	14.0	6.7	6.3
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
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	11.7	11.8	11.8	12.0	11.8	11.7	10.4	11.1	11.6	11.0	12.0
Max Capacity	mw	12.3	15.5	21.8	21.8	19.8	21.8	22.9	36.0	36.0	14.9	7.1	7.0
Duration	mw	12.6	12.3	12.2	12.2	12.0	12.2	12.3	13.6	13.0	12.4	13.0	12.0
Fremont Canyon													
Min Capacity	mw	7.5	7.5	7.5	7.5	7.5	7.5	7.5	66.0	66.0	66.0	66.0	7.5
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	7.2	12.0	12.0	12.0	12.0	3.3
Max Capacity	mw	8.0	27.3	28.4	28.4	24.7	28.6	66.0	66.0	66.0	66.0	66.0	66.0
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	16.8	12.0	12.0	12.0	12.0	20.7
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	8.2	8.9	8.2	8.1	9.8
Max Capacity	mw	14.0	12.6	13.2	13.2	11.5	13.2	30.1	36.0	36.0	36.0	36.0	36.0
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	15.8	15.2	15.8	15.9	14.2
Total Load Following													
Min Capacity	mw	23.8	23.8	23.8	23.8	23.8	23.8	23.8	82.3	82.3	82.3	82.3	23.8
Max Capacity	mw	46.0	69.9	84.8	84.8	74.5	85.0	142.2	177.0	175.9	130.9	115.8	115.3
Total Project Capacity													
Min Capacity	mw	24.1	23.8	23.8	23.8	23.8	23.8	34.2	109.5	114.5	118.2	109.1	40.1
Max Capacity	mw	46.3	69.9	84.8	84.8	74.5	85.0	152.6	204.2	208.1	166.8	142.6	131.6

NORTH PLATTE RIVER OPERATING PLAN
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HYDROLOGY OPERATIONS

Seminoe Reservoir Operations — Initial Content 816.6 Kaf — Operating Limits: Max 1017.3 Kaf, 6357.00 Ft. Min 31.7 Kaf, 6239.02 Ft.

		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.	490.	927.	2714.	6639.	9678.	3594.	1028.	598.
Turbine Release	kaf	43.1	50.6	67.7	67.6	61.1	67.7	155.3	196.9	177.3	175.3	86.1	41.6
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	180.9	36.0	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	43.1	50.6	67.7	67.6	61.1	67.7	155.3	246.0	358.2	211.3	86.1	41.6
Total Release	cfs	701.	850.	1101.	1099.	1100.	1101.	2610.	4001.	6020.	3436.	1400.	699.
Evaporation	kaf	4.8	2.6	1.4	1.3	1.2	2.5	4.6	5.0	9.6	11.5	9.8	7.0
End-month content	kaf	806.0*	785.7*	744.1	701.0	666.5	653.8*	655.6*	810.1	1017.3#	1016.0*	983.9*	971.2*
End-month elevation	ft	6345.6	6344.4	6341.8	6339.0	6336.7	6335.8	6335.9	6345.9	6357.0	6356.9	6355.3	6354.7

Kortes Reservoir Operations — Initial Content 4.7 Kaf — Operating Limits: Max 4.8 Kaf, 6142.73 Ft. Min 1.7 Kaf, 6092.73 Ft.

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	43.1	50.6	67.7	67.6	61.1	67.7	155.3	246.0	358.2	211.3	86.1	41.6
Total Inflow	cfs	701.	850.	1101.	1099.	1100.	1101.	2610.	4001.	6020.	3436.	1400.	699.
Turbine Release	kaf	43.0	50.6	67.7	67.6	61.1	67.7	155.3	160.5	155.3	160.5	86.1	41.6
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.5	202.9	50.8	0.0	0.0
Total Release	kaf	43.0	50.6	67.7	67.6	61.1	67.7	155.3	246.0	358.2#	211.3	86.1	41.6
Total Release	cfs	699.	850.	1101.	1099.	1100.	1101.	2610.	4001.	6020.	3436.	1400.	699.

Pathfinder Reservoir Operations — Initial Content 771.7 Kaf — Operating Limits: Max 1016.5 Kaf, 5850.10 Ft. Min 31.4 Kaf, 5746.00 Ft.

		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	43.0	50.6	67.7	67.6	61.1	67.7	155.3	246.0	358.2	211.3	86.1	41.6
Total Inflow	kaf	50.0	54.4	70.0	70.2	65.3	78.0	182.8	315.0	405.3	229.7	97.2	48.9
Total Inflow	cfs	813.	914.	1138.	1142.	1176.	1269.	3072.	5123.	6811.	3736.	1581.	822.
Turbine Release	kaf	20.8	42.0	43.2	43.3	39.1	43.4	163.4	169.1	163.6	169.1	141.7	38.0
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93.7	178.5	128.0	0.0	0.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0
Total Release	kaf	20.8	42.0	43.2	43.3	39.1	43.4	163.4	262.8	344.0	297.1	141.7	38.0
Total Release	cfs	338.	706.	703.	704.	704.	706.	2746.	4274.	5781.	4832.	2305.	639.
Evaporation	kaf	5.2	2.9	1.6	1.6	1.7	3.5	6.7	8.3	12.7	14.0	11.9	8.9
End-month content	kaf	795.7	805.2	830.4	855.7	880.2	911.3	924.0	967.9	1016.5	935.1	878.7	880.7
End-month elevation	ft	5839.2	5839.7	5841.1	5842.4	5843.6	5845.2	5845.8	5847.9	5850.1	5846.3	5843.5	5843.6

Alcova Reservoir Operations — Initial Content 180.7 Kaf — Operating Limits: Max 184.4 Kaf, 5500.00 Ft. Min 100.0 Kaf, 5459.92 Ft.

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	20.8	42.0	43.2	43.3	39.1	43.4	163.4	262.8	344.0	297.1	141.7	38.0
Total Inflow	cfs	338.	706.	703.	704.	704.	706.	2746.	4274.	5781.	4832.	2305.	639.
Turbine Release	kaf	44.9	41.7	43.0	43.1	38.9	43.0	139.1	196.8	190.4	196.8	123.3	29.9
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	135.2	80.7	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	44.9	41.7	43.0	43.1	38.9	43.0	139.1	261.8	342.6	295.5	140.3	36.9
Total Release	cfs	730.	701.	699.	701.	700.	699.	2338.	4258.	5758.	4806.	2282.	620.
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	155.9*	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	5487.9	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 0.1 Kaf — Operating Limits: Max 1.8 Kaf, 5332.00 Ft. Min 0.0 Kaf, 5306.00 Ft.

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Total Inflow	kaf	44.9	41.7	43.0	43.1	38.9	43.0	139.1	246.8	325.6	277.5	123.3	29.9
Total Inflow	cfs	730.	701.	699.	701.	700.	699.	2338.	4014.	5472.	4513.	2005.	502.
Total Release	kaf	43.1	41.7	43.0	43.1	38.9	43.0	139.0	246.7	325.5	277.4	123.2	29.8
Total Release	cfs	701.	701.	699.	701.	700.	699.	2336.	4012.	5470.	4511.	2004.	501.

Glendo Reservoir Operations — Initial Content 101.4 Kaf — Operating Limits: Max 789.4 Kaf, 4653.00 Ft. Min 63.2 Kaf, 4570.02 Ft.

		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	43.1	41.7	43.0	43.1	38.9	43.0	139.0	246.7	325.5	277.4	123.2	29.8
Total Inflow	kaf	57.6	55.1	47.4	56.3	51.4	60.0	188.4	448.8	398.9	286.0	132.9	48.1
Total Inflow	cfs	937.	926.	771.	916.	926.	976.	3166.	7299.	6704.	4651.	2161.	808.
Turbine Release	kaf	8.0	0.0	0.0	0.0	0.0	14.2	65.8	215.6	233.3	241.0	221.8	136.0
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	179.2	289.8	159.6	0.0
Total Release	kaf	9.5	1.5	1.5	1.5	1.5	15.7	67.3	217.1	414.0	532.3	382.9	137.5
Total Release	cfs	155.	25.	24.	24.	27.	255.	1131.	3531.	6957.	8657.	6227.	2311.
Evaporation	kaf	1.0	0.7	0.7	0.7	0.8	1.7	3.1	6.3	9.7	9.1	5.0	2.4
End-month content	kaf	147.9*	200.6	245.7	299.7	348.7	391.2*	509.1*	735.0*	710.4#	455.2#	200.2#	108.5#
End-month elevation	ft	4590.7	4599.7	4606.3	4613.3	4618.9	4623.5	4634.3	4649.9	4648.4	4629.6	4599.7	4582.4

Guernsey Reservoir Operations — Initial Content 3.9 Kaf — Operating Limits: Max 45.6 Kaf, 4419.99 Ft. Min 0.0 Kaf, 4370.00 Ft.

		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	9.5	1.5	1.5	1.5	1.5	15.7	67.3	217.1	414.0	532.3	382.9	137.5
Total Inflow	kaf	12.9	3.3	2.9	3.5	2.9	16.3	74.4	245.9	441.3	541.4	384.1	142.7
Total Inflow	cfs	210.	55.	47.	57.	52.	265.	1250.	3999.	7416.	8805.	6247.	2398.
Turbine Release	kaf	9.7	0.0	0.0	0.0	0.0	0.0	50.7	51.8	50.2	51.8	51.8	53.0
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
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	15.6	192.0	386.8	485.1	328.7	121.9
Total Release	kaf	10.0	0.2	0.3	0.4	0.3	0.3	66.7	245.0	440.0	540.0	383.0	177.0
Total Release	cfs	163.	3.	5.	7.	5.	5.	1121.	3985.	7394.	8782.	6229.	2975.
Evaporation	kaf	0.1	0.2	0.2	0.2	0.2	0.3	0.7	0.9	1.3	1.4	1.1	0.7
End-month content	kaf	6.7*	9.6	12.0	14.9	17.3#	33.0*	40.0*	40.0*	40.0*	40.0*	40.0*	5.0*
End-month elevation	ft	4396.8	4399.9	4402.0	4404.2	4405.9	4414.4	4417.6	4417.6	4417.6	4417.6	4417.6	4394.5

NORTH PLATTE RIVER OPERATING PLAN
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OWNERSHIP OPERATIONS

North Platte Pathfinder — Initial Ownership 565.1 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net Accrual	kaf	39.6	34.3	28.1	26.6	30.0	64.4	183.1	50.3	0.0	0.0	0.0	0.0
Evaporation	kaf	3.6	2.1	1.3	1.3	1.4	2.9	5.9	9.0	12.9	12.7	11.1	8.6
Deliv fm Ownership	kaf	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	98.6
End-month Ownership	kaf	599.7	634.0	662.1	688.7	718.7	783.1	966.2	1016.5	1003.6	990.9	976.2	869.0

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	0.3	0.4	0.6	0.6	0.5	0.0
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.2	0.0
End-month Ownership	kaf	0.0	0.0	5.5	20.3	33.9	45.6	45.3	44.9	44.3	43.7	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	13.2	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	5.0	0.0	0.0	0.0	0.0	0.0	40.5	0.0	0.0	0.0	0.0	0.0
End-month Ownership	kaf	12.9	27.8	27.7	27.6	27.5	27.3	0.0	0.0	0.0	0.0	0.0	0.0

Kendrick — Initial Ownership 1144.7 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	0.0	88.1	0.0	0.0	0.0	0.0
Evaporation	kaf	7.2	4.0	2.4	2.3	2.3	4.6	8.3	10.4	15.3	15.1	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	1137.5	1133.5	1131.1	1128.8	1126.5	1121.9	1113.6	1201.7	1186.4	1171.3	1141.3	1124.2

Glendo Unit — Initial Ownership 163.1 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	17.7	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	1.1	0.5	0.3	0.3	0.3	0.6	1.2	1.7	2.3	2.3	1.9	1.5
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	162.0	161.5	161.2	160.9	160.6	165.5	182.0	180.3	178.0	175.7	165.8	152.3

Excess to Ownership — Initial Ownership 0.9 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	0.0	25.4	290.3	506.7	0.0	0.0	0.0
Evaporation/Seepage	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	6.9	2.7	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.0	240.0	300.9	243.0	0.0
End-month total	kaf	0.9	0.9	0.9	0.9	0.9	0.9	0.1	290.4	553.5	245.7	0.0	0.0

NORTH PLATTE RIVER OPERATING PLAN
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City of Cheyenne Initial Ownership 3.3 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	0.1	0.1	0.1	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	4.4	4.7	5.1	5.6	6.2	6.7	6.8	4.0	3.0	3.4	3.9	4.2

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	5.0	0.0	0.0	0.0	0.0	0.0	0.0	245.0	200.0	290.0	150.0	165.0
Glendo Req	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
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
Total Requirement	kaf	10.0	0.0	0.0	0.0	0.0	0.0	40.5	245.0	200.0	290.0	158.0	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	66.7	245.0	440.0	540.0	383.0	177.0
Waste	kaf	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.0	240.0	250.0	225.0	0.0

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Oct 1996

POWER GENERATION

Seminoe Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	43.1	50.6	67.7	67.6	61.1	67.7	155.3	196.9	177.3	175.3	86.1	41.6
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	180.9	36.0	0.0	0.0
Maximum generation	gwh	24.273	27.214	29.120	33.473	29.971	32.743	31.589	33.473	31.559	31.905	31.965	31.068
Actual generation	gwh	7.499	8.804	11.644	11.492	10.265	11.287	25.806	33.473	31.559	31.905	15.584	7.488
Percent max generation		31.	32.	40.	34.	34.	34.	82.	100.	100.	100.	49.	24.
Average kwh/af		174.	174.	172.	170.	168.	167.	166.	170.	178.	182.	181.	180.

Kortes Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Turbine Release	kaf	43.0	50.6	67.7	67.6	61.1	67.7	155.3	160.5	155.3	160.5	86.1	41.6
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.5	202.9	50.8	0.0	0.0
Maximum generation	gwh	27.709	26.712	23.461	21.259	16.701	24.562	26.712	27.606	26.712	27.606	27.606	26.712
Actual generation	gwh	7.396	8.703	11.644	11.627	10.509	11.644	26.712	27.606	26.712	27.606	14.809	7.155
Percent max generation		27.	33.	50.	55.	63.	47.	100.	100.	100.	100.	54.	27.
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	20.8	42.0	43.2	43.3	39.1	43.4	163.4	169.1	163.6	169.1	141.7	38.0
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93.7	180.4	128.0	0.0	0.0
Maximum generation	gwh	24.448	26.477	32.568	47.210	42.647	47.248	45.726	47.284	45.778	47.305	47.256	45.700
Actual generation	gwh	5.785	11.718	12.056	12.089	10.920	12.126	45.670	47.284	45.778	47.305	39.599	10.615
Percent max generation		24.	44.	37.	26.	26.	26.	100.	100.	100.	100.	84.	23.
Average kwh/af		278.	279.	279.	279.	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	44.9	41.7	43.0	43.1	38.9	43.0	139.1	196.8	190.4	196.8	123.3	29.9
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	135.2	80.7	0.0	0.0
Maximum generation	gwh	13.590	13.301	27.472	13.736	12.403	27.472	26.275	27.552	26.656	27.552	27.552	26.656
Actual generation	gwh	6.201	5.671	5.848	5.862	5.290	5.848	19.196	27.552	26.656	27.552	17.262	4.186
Percent max generation		46.	43.	21.	43.	43.	21.	73.	100.	100.	100.	63.	16.
Average kwh/af		138.	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	8.0	0.0	0.0	0.0	0.0	14.2	65.8	215.6	233.3	241.0	221.8	136.0
Bypass	kaf	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	180.7	291.3	161.1	1.5
Maximum generation	gwh	14.010	9.454	15.386	12.796	10.186	23.845	25.314	28.197	27.296	28.197	22.666	15.185
Actual generation	gwh	0.536	0.000	0.000	0.000	0.000	1.498	7.347	25.225	27.296	28.197	22.666	10.001
Percent max generation		4.	0.	0.	0.	0.	6.	29.	89.	100.	100.	100.	66.
Average kwh/af		67.	0.	0.	0.	0.	105.	112.	117.	117.	117.	102.	74.

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	50.7	51.8	50.2	51.8	51.8	53.0
Bypass	kaf	0.3	0.2	0.3	0.4	0.3	0.3	16.0	193.2	389.8	488.2	331.2	124.0
Maximum generation	gwh	3.010	1.810	2.658	2.110	2.056	3.731	3.716	3.833	3.715	3.833	3.833	3.578
Actual generation	gwh	0.452	0.000	0.000	0.000	0.000	0.000	3.716	3.833	3.715	3.833	3.833	3.578
Percent max generation		15.	0.	0.	0.	0.	0.	100.	100.	100.	100.	100.	100.
Average kwh/af		47.	0.	0.	0.	0.	0.	73.	74.	74.	74.	74.	68.

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Oct 1996

PROJECT GENERATION SUMMARY

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Base Generation:													
Glendo	gwh	0.536	0.000	0.000	0.000	0.000	1.498	7.347	25.225	27.296	28.197	22.666	10.001
Guernsey	gwh	0.452	0.000	0.000	0.000	0.000	0.000	3.716	3.833	3.715	3.833	3.833	3.578
Total	gwh	0.988	0.000	0.000	0.000	0.000	1.498	11.063	29.058	31.011	32.030	26.499	13.579
Load Following Generation:													
Seminoe	gwh	7.499	8.804	11.644	11.492	10.265	11.287	25.806	33.473	31.559	31.905	15.584	7.488
Kortes	gwh	7.396	8.703	11.644	11.627	10.509	11.644	26.712	27.606	26.712	27.606	14.809	7.155
Fremont Canyon	gwh	5.785	11.718	12.056	12.089	10.920	12.126	45.670	47.284	45.778	47.305	39.599	10.615
Alcova	gwh	6.201	5.671	5.848	5.862	5.290	5.848	19.196	27.552	26.656	27.552	17.262	4.186
Total	gwh	26.881	34.896	41.192	41.070	36.984	40.905	117.384	135.915	130.705	134.368	87.254	29.444
Total Generation	gwh	27.869	34.896	41.192	41.070	36.984	42.403	128.447	164.973	161.716	166.398	113.753	43.023
Total Capability	gwh	107.040	104.968	130.665	130.584	113.964	159.601	159.332	167.945	161.716	166.398	160.878	148.899

PROJECT RELEASE FLEXIBILITY

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Seminoe	Min kaf	43.1	50.6	30.8	30.8	27.8	30.8	155.3	246.0	358.2	211.3	86.1	41.6
	Max kaf	43.1	50.6	169.3	174.7	171.7	172.9	155.3	246.0	358.2	211.3	86.1	41.6
	Min gwh	7.499	8.804	5.298	5.236	4.670	5.135	25.806	33.473	31.559	31.905	15.584	7.488
	Max gwh	7.499	8.804	29.120	29.699	28.846	28.825	25.806	33.473	31.559	31.905	15.584	7.488
Kortes	Min kaf	43.0	50.6	30.8	30.8	27.8	30.8	155.3	246.0	358.2	211.3	86.1	41.6
	Max kaf	43.0	50.6	169.3	174.7	171.7	172.9	155.3	246.0	358.2	211.3	86.1	41.6
	Min gwh	7.396	8.703	5.298	5.298	4.782	5.298	26.712	27.606	26.712	27.606	14.809	7.155
	Max gwh	7.396	8.703	23.461	21.259	16.701	24.562	26.712	27.606	26.712	27.606	14.809	7.155
Fremont Canyon	Min kaf	20.8	30.1	30.9	30.9	28.0	31.1	163.4	262.8	344.0	297.1	141.7	38.0
	Max kaf	20.8	90.1	90.9	90.9	88.0	91.1	163.4	262.8	344.0	297.1	141.7	38.0
	Min gwh	5.785	8.398	8.623	8.627	7.820	8.690	45.670	47.284	45.778	47.305	39.599	10.615
	Max gwh	5.785	25.138	25.368	25.378	24.577	25.454	45.670	47.284	45.778	47.305	39.599	10.615
Alcova	Min kaf	44.9	29.8	30.7	30.7	27.8	30.7	139.1	246.8	325.6	277.5	123.3	29.9
	Max kaf	44.9	89.8	90.7	90.7	87.8	90.7	139.1	246.8	325.6	277.5	123.3	29.9
	Min gwh	6.201	4.053	4.175	4.175	3.781	4.175	19.196	27.552	26.656	27.552	17.262	4.186
	Max gwh	6.201	12.213	12.335	12.335	11.941	12.335	19.196	27.552	26.656	27.552	17.262	4.186
Load Following	Min gwh	26.881	29.958	23.394	23.336	21.053	23.298	117.384	135.915	130.705	134.368	87.254	29.444
	Max gwh	26.881	54.858	90.284	88.671	82.065	91.176	117.384	135.915	130.705	134.368	87.254	29.444
Total Project	Min gwh	27.869	29.958	23.394	23.336	21.053	24.796	128.447	164.973	161.716	166.398	113.753	43.023
	Max gwh	27.869	54.858	90.284	88.671	82.065	92.674	128.447	164.973	161.716	166.398	113.753	43.023

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Oct 1996

GENERATION CAPACITY AND DURATION

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Project Generation													
Base Generation:													
Glendo	mw	0.7	0.0	0.0	0.0	0.0	2.0	10.2	33.9	37.9	37.9	30.5	13.9
Guernsey	mw	0.6	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.0
Total Base Load	mw	1.3	0.0	0.0	0.0	0.0	2.0	15.4	39.1	43.1	43.1	35.7	18.9
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	9.6	6.8	7.0	7.2	12.6	12.0
Max Capacity	mw	11.6	14.5	21.5	21.4	18.5	21.5	45.0	45.0	45.0	45.0	28.6	11.0
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	14.4	17.2	17.0	16.8	11.4	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	11.7	11.8	11.8	12.0	11.8	3.0	2.1	3.0	2.1	11.9	11.4
Max Capacity	mw	12.3	15.5	21.8	21.8	19.8	21.8	36.0	36.0	36.0	36.0	29.9	11.7
Duration	mw	12.6	12.3	12.2	12.2	12.0	12.2	21.0	21.9	21.0	21.9	12.1	12.6
Fremont Canyon													
Min Capacity	mw	7.5	7.5	7.5	7.5	7.5	7.5	66.0	66.0	66.0	66.0	7.5	7.5
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	3.8	12.0
Max Capacity	mw	8.0	27.3	28.4	28.5	24.7	28.6	66.0	66.0	66.0	66.0	66.0	23.7
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	20.2	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	9.3	1.9	3.0	1.9	11.2	12.0
Max Capacity	mw	14.0	12.6	13.2	13.2	11.5	13.2	36.0	36.0	36.0	36.0	36.0	7.8
Duration	mw	12.0	12.0	12.0	12.0	12.0	12.0	14.7	22.1	21.0	22.1	12.8	12.0
Total Load Following													
Min Capacity	mw	23.8	23.8	23.8	23.8	23.8	23.8	82.3	82.3	82.3	82.3	23.8	23.8
Max Capacity	mw	45.9	69.9	84.9	84.9	74.5	85.1	183.0	183.0	183.0	183.0	160.5	54.2
Total Project Capacity													
Min Capacity	mw	25.1	23.8	23.8	23.8	23.8	25.8	97.7	121.4	125.4	125.4	59.5	42.7
Max Capacity	mw	47.2	69.9	84.9	84.9	74.5	87.1	198.4	222.1	226.1	226.1	196.2	73.1

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.

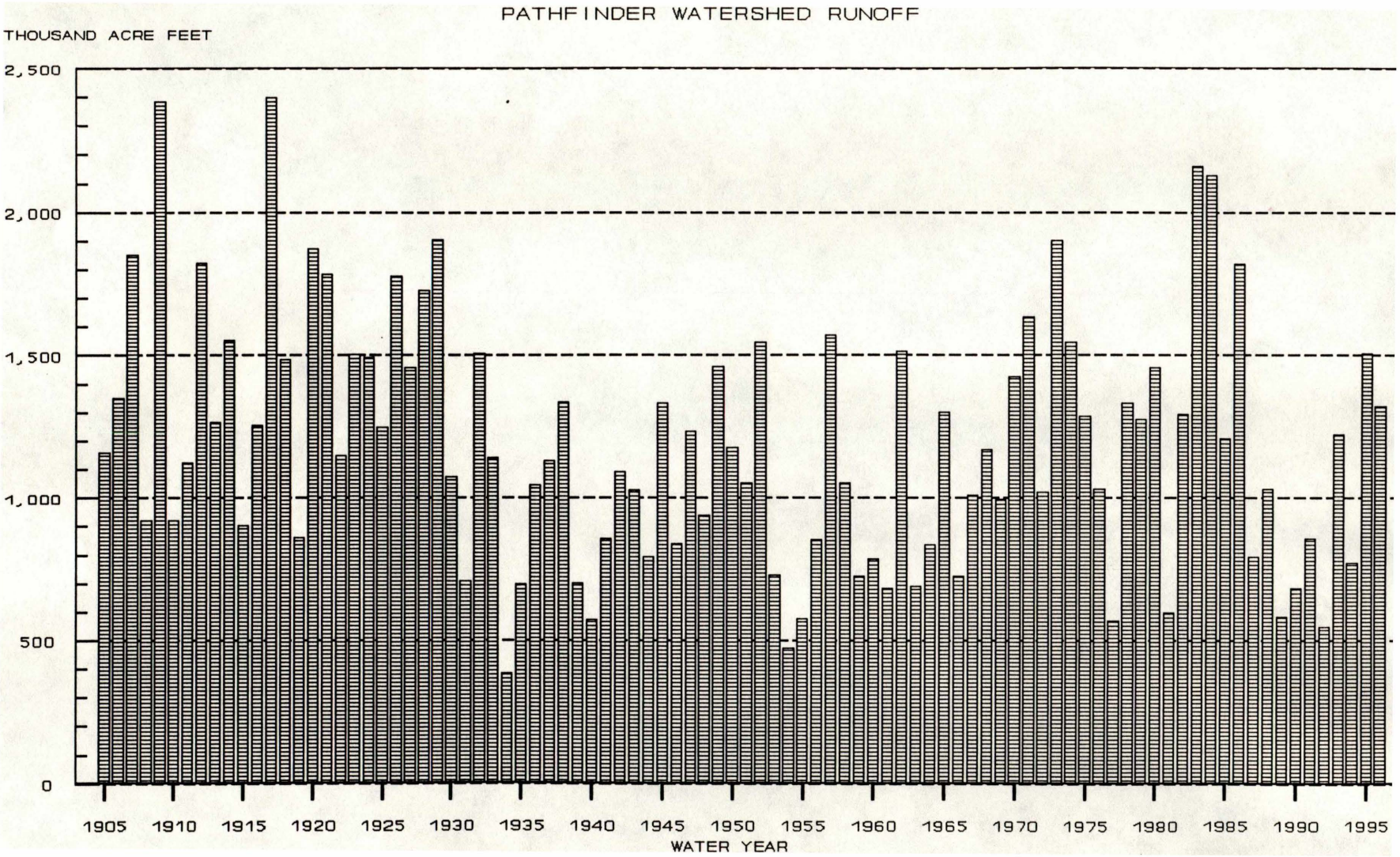
Precipitation - A deposit on the earth of hail, mist, rain, sleet, or snow.

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 Natural Resources 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

GRAY REEF RESERVOIR
ALCOVA RESERVOIR
PATHFINDER RESERVOIR
KORTES RESERVOIR
SEMINOE RESERVOIR
CASPER-ALCOVA I.D.
KENDRICK PROJECT
Proposed Deer Creek Reservoir
GLENDO RESERVOIR
GUERNSEY RESERVOIR
WHALEN DIVERSION DAM
TRI-STATE DAM
PATHFINDER I.D.
N.P. PROJECT
LAKE ALICE
LITTLE LAKE ALICE
LAKE WINTERS CREEK
LAKE MINATARE
NORTHPORT I.D.
N.P. PROJECT
GOSHEN I.D.
N.P. PROJECT
GERING-FT. LARAMIE I.D.
N.P. PROJECT
Proposed Teeters Reservoir
Corn Creek Project
N.
WYOMING
NEBRASKA
COLORADO
PLATTE RIVER
CASPER
DOUGLAS
LARAMIE
WHEATLAND
TORRINGTON
HARRISBURG
BRIDGEPORT
OSHKOSH
GUERNSEY
LINGLE
SWEETWATER RIVER
LARAMIE RIVER
MEDICINE BOW RIVER
NORTH PLATTE RIVER
CHUGWATER
WHEATLAND RESERVOIR
GLENDO RIVER GAGE
GUERNSEY RIVER GAGE
WHALEN RIVER GAGE
ORIN JUNCTION RIVER GAGE
SWEETWATER RIVER GAGE
GRAY REEF RIVER GAGE
KORTES RIVER GAGE
MEDICINE BOW RIVER GAGE
SINCLAIR RIVER GAGE
PASSING TRI-STATE DAM RIVER GAGE
STATE LINE RIVER GAGE
FT. LARAMIE CANAL GAGE M.R. 6.8
INTERSTATE CANAL GAGE M.R. 2.7
FREMONT CO.
SWEETWATER CO.
NATRONA CO.
CARBON CO.
CONVERSE CO.
ALBANY CO.
NIOBRARA CO.
GOSHEN CO.
LARAMIE CO.
PLATTE CO.
SCOTTS BLUFF CO.
BANNER CO.
SIOUX CO.
DEUEL CO.
MORRILL CO.
CHEYENNE CO.
KIMBALL CO.
GARDEN CO.
BOX BUTTE CO.

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

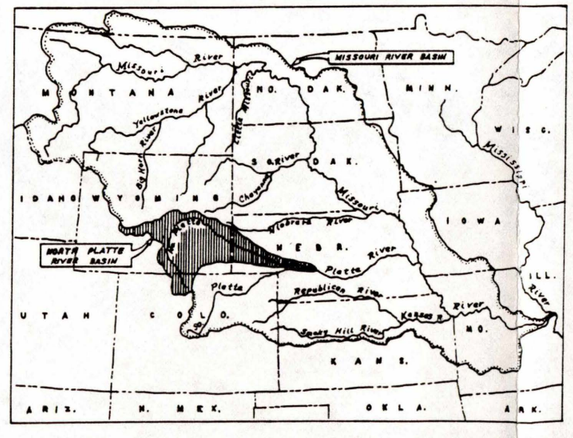
Little Lake Alice (North Platte Project)

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



LEGEND

IRRIGATED LANDS

SCALE OF MILES 10 0 10 20 30 40

5-23-88	D.W.	ADDED SPEC. MASTER'S NUMBERS & PROPOSED DEER CREEK RES. & CORN CREEK PROJECT
703		

ALWAYS THINK SAFETY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

NORTH PLATTE RIVER BASIN

DESIGNED _____ FIELD APPROVAL _____
DRAWN C.L.D. TECHNICAL APPROVAL _____
CHECKED _____ APPROVED _____

CASPER, WYOMING MARCH 31 1987 | 20-703-5199