

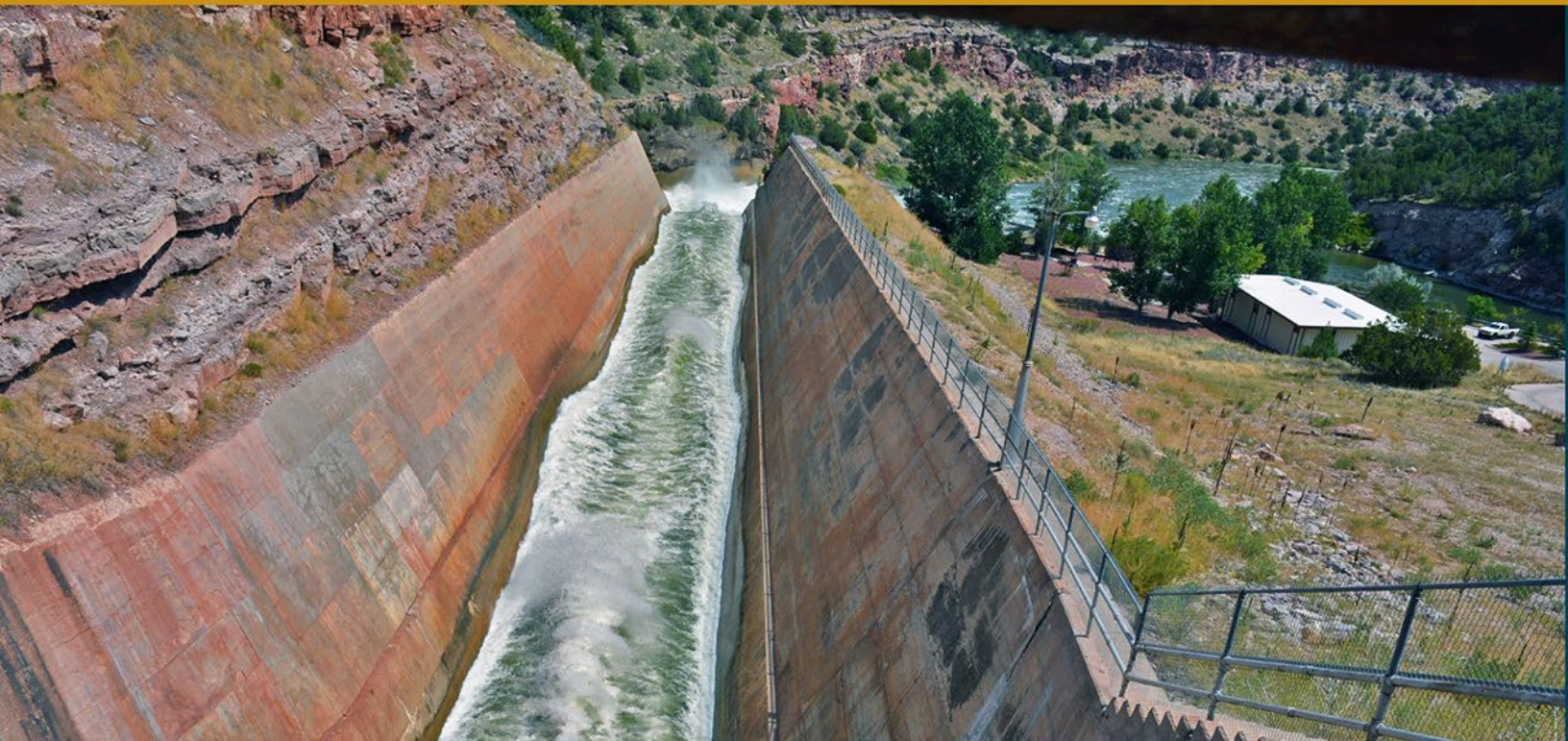


— BUREAU OF —
RECLAMATION

Summary of Operations for Water Year 2023 and 2024 Operating Plan for North Platte River Basin Reservoirs

Seminole, Kortez, Pathfinder, Alcova, Gray Reef, Glendo, Guernsey,
and Inland Lakes

Annual Operating Plant



Guernsey Reservoir Spillway, Wyoming

Mission Statements

The U.S. Department of the Interior protects and manages the Nation's natural resources and cultural heritage; provides scientific and other information about those resources; and honors its trust responsibilities or special commitments to American Indians, Alaska Natives, Native Hawaiians, and affiliated Island Communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Summary of Operations for Water Year 2023 and 2024 Operating Plan for North Platte River Basin Reservoirs

**Seminole, Kortes, Pathfinder, Alcova, Gray Reef, Glendo, Guernsey,
and Inland Lakes**

**Wyoming Area Office
Missouri Basin Region**

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Preface

This report documents the operation of all Bureau of Reclamation (Reclamation) facilities in the North Platte River Drainage Basin above and including Guernsey Dam and 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.

References to average in this document will refer to the average of the historical record for the years 1994-2023. In each coming year this period will be advanced by one year to maintain a running 30-year average.

Introduction

The system of dams, reservoirs, and powerplants on the North Platte River (System) 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 Supervisory Control and Data Acquisition (SCADA) System operated from the Casper Control Center includes computerized accounting processes, an extensive network of Hydromet stations, control crest measurement weirs at gaging stations, snow telemetry (SNOTEL) stations, and a snowmelt runoff forecasting procedure used by the Water & Civil Works Branch. The System consists of a number of individual water impoundment projects that were planned and constructed by Reclamation. The individual reservoirs and features are operated as an integrated system to achieve efficiencies that increase multipurpose benefits. The drainage basin which affects the System covers an area from northern Colorado to southeastern Wyoming, encompassing 16,224 square miles. Storage in the System include seven on-river reservoirs and four off-stream reservoirs known as the Inland Lakes in western Nebraska as shown in Figure 32.

Approximately 70 percent 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. Figure 20 in Appendix C represents historical watershed runoff above Pathfinder Reservoir from 1906 through 2023. The System furnishes irrigation water to over 440,000 acres of land in Wyoming and Nebraska.

The System includes the Kendrick Project (formerly Casper-Alcova) in Wyoming; with major features of the project being Seminoe Dam and Powerplant, Alcova Dam and Powerplant, and Casper Canal. Kendrick Project lands lie on the northwest side of the North Platte River between Alcova Reservoir and Casper, Wyoming. The North Platte Project in Wyoming and Nebraska consists of Pathfinder Dam and Reservoir; Guernsey Dam, Reservoir, and Powerplant; Whalen Dam; Northport, Fort Laramie, and Interstate canals; and four off stream inland reservoirs on the Interstate Canal. The Kortess Unit of the Pick-Sloan Missouri Basin Program (PS-MBP) consists of Kortess Dam, Reservoir, and Powerplant, in a narrow gorge of the North Platte River, two miles below Seminoe Dam. The Glendo Unit of the PS-MBP is a multiple-purpose natural resource development. It consists of Glendo Dam, Reservoir, and Powerplant; Fremont Canyon Powerplant; and Gray Reef Dam and Reservoir which is a re-regulating reservoir immediately downstream of Alcova Dam.

Major contributing rivers of the water supply in the System are the North Platte River in Colorado, the Medicine Bow River, and Sweetwater River in Wyoming.

Introduction

The System has seven mainstem reservoirs, six of which have powerplants with generating capacities totaling 239,200 kilowatts (kw). Table 24 depicts a breakdown of generating units and their capacity for each North Platte Powerplant. Table 1 below depicts North Platte River Reservoir Data.

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.

Western Area Power Administration (Western) of the Department of Energy, headquartered in Lakewood, 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. Power from Reclamation Powerplants is marketed by Western.

Table 1: North Platte River Reservoir Data

Reservoir (Date Completed)	Dead Storage ¹ Acre-feet (AF)	Active Storage ² (AF)	Total Storage (AF)	Minimum Storage (AF)	Minimum Elevation (feet)
Seminole (1939)	556	1,016,717	1,017,273	31,670 ⁴	6,239.00 ⁴
Kortes (1951)	151	4,588	4,739	1,666 ⁴	6,092.00 ⁴
Pathfinder (1909)	7	1,069,993	1,070,000	31,405 ⁴	5,746.00 ⁴
Alcova (1938)	91	184,314	184,405	137,610 ⁵	5,479.50 ⁵
Gray Reef (1961)	56	1,744	1,800	56 ⁶	5,312.00 ⁶
Glendo (1958)	7,010	756,029	763,039 ³	51,573	4,570.00 ⁷
Guernsey (1927)	0	45,612	45,612	0	4,370.00 ⁸
Total	7,871	3,078,997	3,086,868	253,980	

1 - Storage capacity below elevation of lowest outlet

2 - Total storage minus dead storage

3 - Top of Conservation capacity 492,022 AF (Elevation 4,635.00 ft) with an additional 271,017 AF allocated to Flood Control (elevation 4,653.00 ft)

4 - Minimum water surface elevation and capacity required for power generation at this level is the top of inactive capacity

5 - Content and minimum elevation required for power generation, however, water cannot be delivered to Casper Canal when the reservoir level is below 5,487.00 ft (153,802 AF), the elevation of the Casper Canal Gate sill.

6 - Top of dead capacity – spillway crest

7 - Minimum water surface elevation for power generation

8 - Elevation of the North Spillway Crest

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. The facilities provide year-round flows in the river below each North Platte Dam except for Guernsey Dam. The facilities also provide flood control, recreation, and fish and wildlife preservation. Each project of the System must be operated under the purposes for which it was authorized and constructed but is operated as part of an integrated system. 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 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 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 in Omaha, Nebraska.

Experience has proven that optimum utilization of the available water resources in the System 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. The AOP consists of three operation studies using reasonable minimum, reasonable maximum, and most probable inflow conditions determined from statistical analysis of historical inflow conditions. The AOP, as developed and reflected in the three operation studies, provides the flexibility to adjust operations as conditions change during the water year. 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 North Platte Reservoirs Total Storage end of September content for water years 1912 through 2023. Table 2 depicts A Summary of Reservoir Storage Content for water year 2023 (WY2023) (end of month). Table 9 depicts the Actual Reservoir Operations for WY2023.

System Planning and Control

Table 2: Summary of Reservoir Storage Content for WY2023 (End of Month) Units of Acre-Feet

	October	November	December	January	February	March	April	May	June	July	August	September
Seminole Reservoir												
Storage	480,753	466,318	453,409	446,949	438,057	434,949	457,359	724,866	875,493	802,292	735,743	684,140
Record ¹	13	13	13	13	13	13	13	13	13	14	14	15
Pathfinder Reservoir												
Storage	326,229	334,633	341,217	350,280	359,263	351,749	419,266	547,722	667,249	691,130	666,443	665,639
Record ¹	23	22	23	23	24	24	20	19	18	14	12	12
Alcova Reservoir³												
Storage	157,804	156,967	157,487	157,645	157,260	157,826	180,352	181,232	180,425	181,012	180,376	180,840
Record ¹	11	7	1	1	1	1	1	1	1	7	17	3
Glendo Reservoir												
Storage	160,780	192,911	221,859	257,512	288,349	340,792	358,382	450,398	495,276	367,689	188,960	134,494
Record ¹	21	24	27	27	28	24	30	19	11	9	7	13
Guernsey Reservoir												
Storage	6.329	8.83	11.178	13.668	16.027	18.97	27.829	28.22	28.3	14.099	28.657	2.458
Record ¹	14	16	18	17	16	16	15	22	18	23	11	20
Total System²												
Storage	1,137,901	1,165,633	1,191,072	1,232,2	1,264,816	1,310,44	1,449,264	1,938,777	2,253,091	2,062,358	1,806,278	1,673,710
Record ¹	22	22	22	22	22	22	23	17	14	14	14	14

1 - Record high from the 30-year period 1994-2023

2 - Total North Platte system includes storage in Seminole, Kortess, Pathfinder, Alcova, Gray Reef, Glendo, and Guernsey Reservoirs

3 - Alcova Reservoir is normally maintained within either a winter operating range (between contents of 153,802 AF to 158,302 AF) or a summer operating range (between contents 177,070 AF to 181,943 AF)

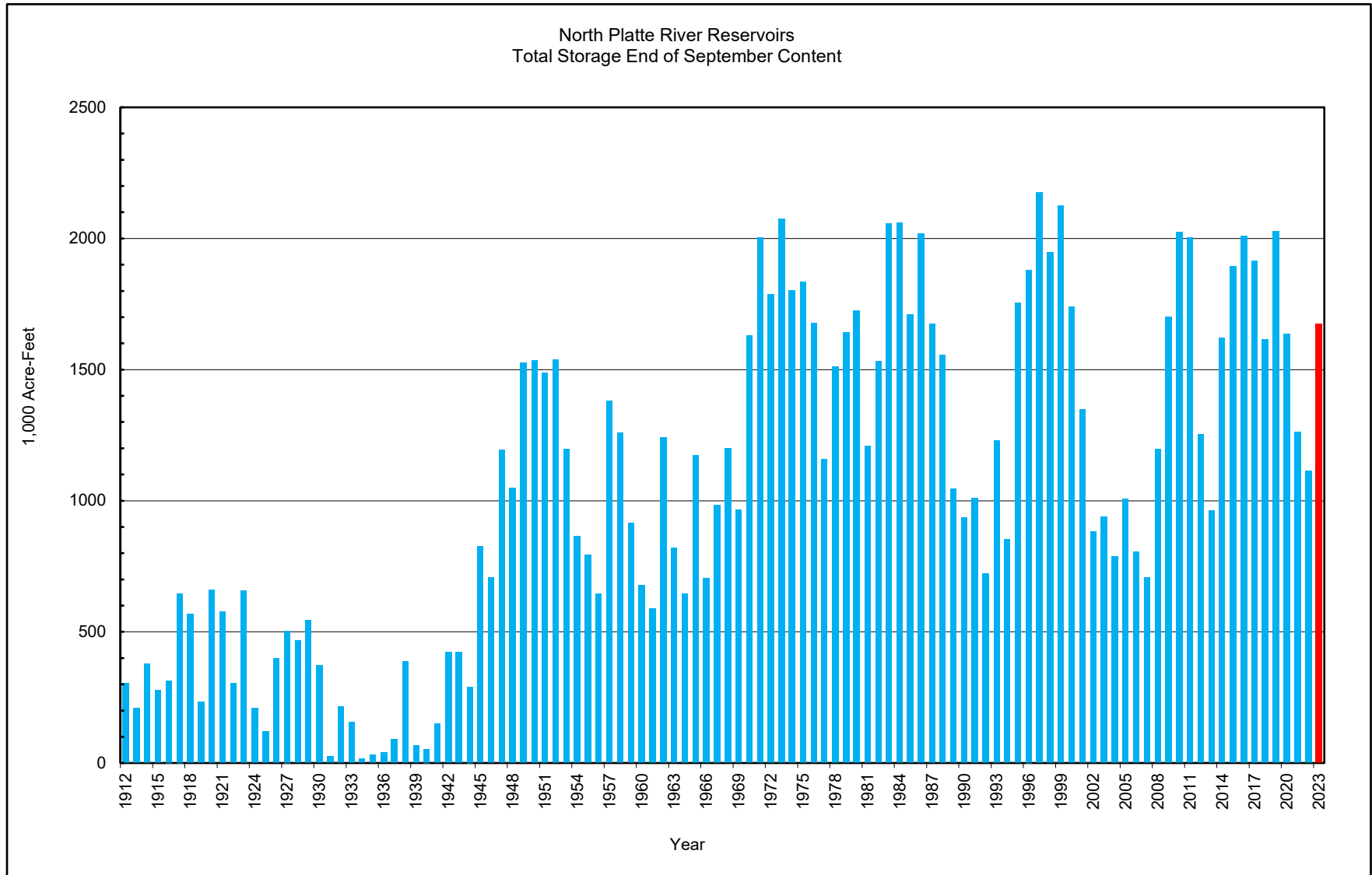


Figure 1: North Platte River Reservoirs Total Storage End of September Content (1912-2023).

System Operations Water Year 2023

Seminoe Reservoir Inflow

Seminoe Reservoir inflows were above the 30-year average for the WY2023. A total of 1,161,990 acre-feet (AF), 120 percent of the 30-year average, entered the system above Seminoe Reservoir during the water year. The monthly inflows were 130 percent higher than average in April, 190 percent higher than average in May, and 111 percent higher than average in June. The April through July inflow totaled 968,870 AF, which was 134 percent of the 30-year average, 721,300 AF. The Seminoe computed inflow peaked for the water year on May 20, 2023 at 8,790 cubic feet per second (cfs). Figure 2 depicts a comparison of average, WY2022, and WY2023 monthly inflows.

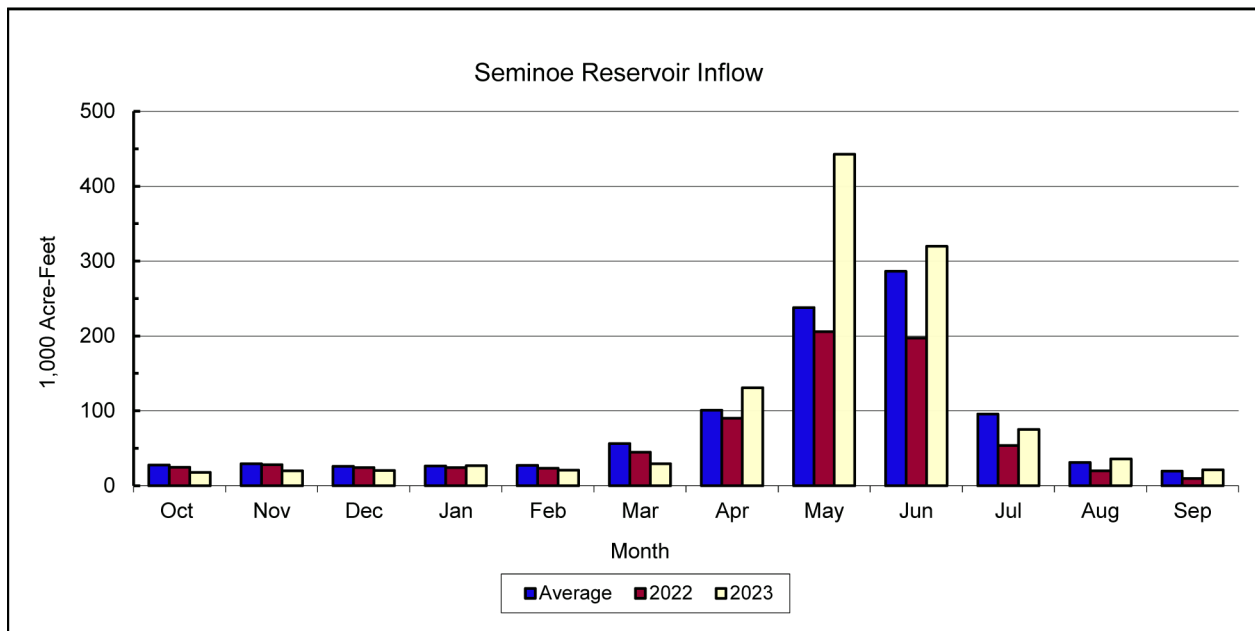


Figure 2: Seminoe Reservoir Inflow.

Seminoe Reservoir Storage and Releases

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 AF. The Powerplant contains three electrical generating units with a total capacity of 42 megawatts (MW) at a full release capability of about 4,050 cfs. The spillway consists of a

System Operations Water Year 2023

concrete-lined tunnel through the right abutment controlled by three fixed-wheel gates with a release capability of close to 48,000 cfs. Two 60-inch jet flow valves provide a low-level river outlet with a flow capacity of 3,420 cfs.

At the start of WY2023, Seminole Reservoir had a storage content of 498,296 AF, which is 81 percent of average and 49 percent of capacity. At the end of WY2023 Seminole Reservoir storage content was 684,140 AF, 111 percent of average and 67 percent of capacity. See Figure 3 for a comparison of average, WY2022, and WY2023 monthly storage.

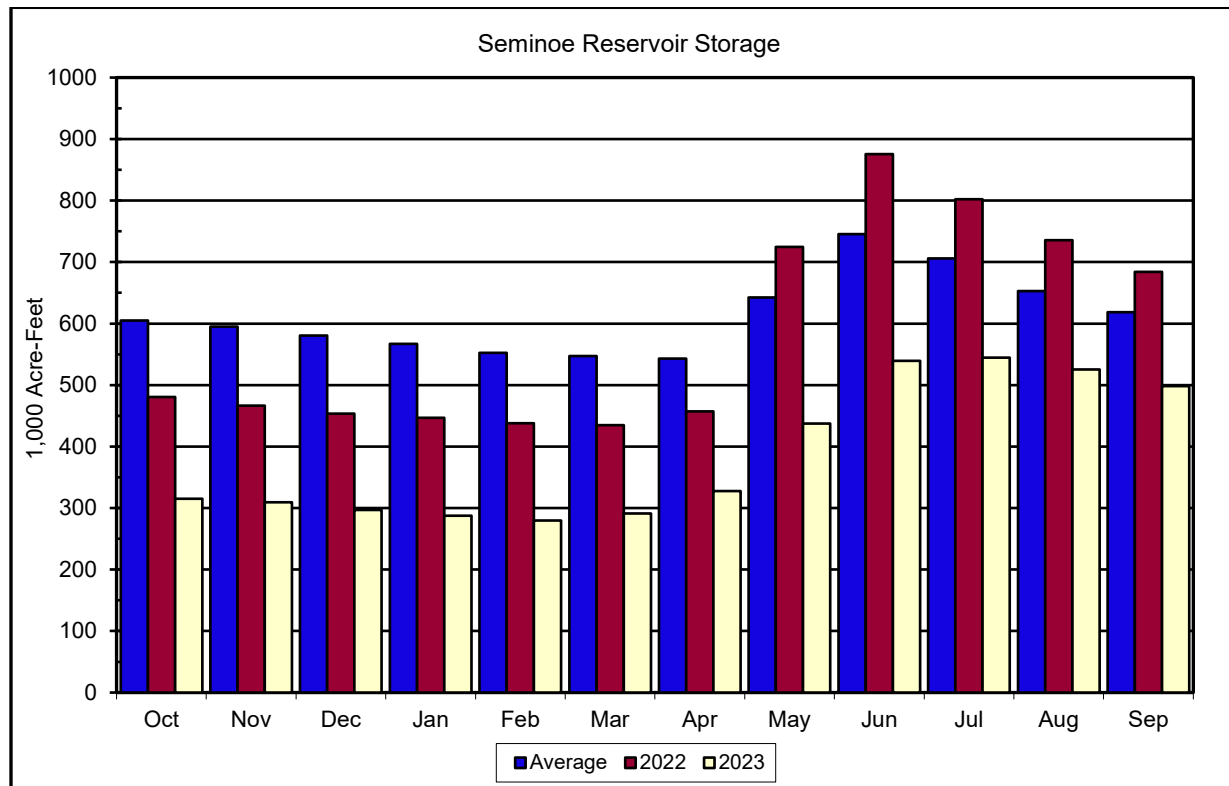


Figure 3: Seminole Reservoir Storage.

Table 3: Average Monthly Releases

Seminole Release	Avg (CFS)	WY2023 Avg (CFS)	WY2023 Max
October	592	541	620
November	633	540	585
December	644	535	566
January	634	534	545
February	743	528	559
March	973	518	524
April	1,673	1,787	2,817
May	2,115	2,785	2,809
June	2,945	2,757	2,966 ¹
July	2,071	2,272	2,961
August	1,290	1,559	1,878
September	816	1,149	1,416

1. June 26, 2023 was the natural release peak outflow

Table 4: Seminole Reservoir Storage Allocations

Reservoir Allocations	Elevation (FT)	Storage (AF)	Storage Allocation (AF)
Top of Inactive and Dead	6,239.00	31,670	31,670
Top of Active Conservation	6,357.00	1,017,273	985,603
Crest of Dam (without Camber)	6,361.00	NA	NA

Table 5: Seminole Reservoir Water Year Storage Data

Storage-Elevation Data	Elevation (FT)	Storage (AF)	Date
Beginning of water year	6,323.66	498,296	Oct. 01, 2022 ²
End of water year	6,337.90	684,140	Sep 30, 2023
Annual Low	6,317.73	433,813	Mar 15, 2023
Historic Low ¹	6,253.30	56,390	Apr 20, 1961
Annual High	6,349.80	879,106	Jun 28, 2023
Historic High ¹	6,359.29	1,073,050	Jun 20, 1949

1 - The daily records for this table are only available from WY1946

2 - Represents 0000 hours on October 1

System Operations Water Year 2023

Table 6: Seminole Reservoir Water Year Inflow and Outflow Data

Inflow-Outflow Data	Inflow ¹	Date	Outflow	Date
Annual Total (AF)	1,161,984	Oct. '22 – Sep. '23	937,737	Oct. '22 – Sep. '23
Daily Peak (CFS) ²	8,790	May 20, 2023	2,966	Jun 25, 2023
Daily Minimum (CFS) ²	4	Dec 21 2022	433	Feb 17, 2023

1 - Inflows are a computed number

2 - Daily peak and minimum are releases to the river

Table 7: Monthly Computed Inflows, Outflows, and Contents for Seminole Reservoir, WY2023

Month	Inflow		Outflow		Content ²	
	KAF	Percent of Avg. ¹	KAF	Percent of Avg. ¹	KAF	Percent of Avg. ¹
October	18.0	65	33.3	92	480.8	80
November	20.2	69	32.1	85	466.3	79
December	20.4	78	32.9	83	453.4	79
January	26.8	101	32.8	84	446.9	80
February	21.0	77	29.3	71	438.1	80
March	29.3	51	31.9	53	434.9	80
April	131.1	132	106.3	107	457.4	85
May	442.8	190	171.2	132	724.9	114
June	319.9	111	164.0	94	875.5	118
July	75.1	77	139.7	110	802.3	114
August	36.0	115	95.9	121	735.7	113
September	21.5	108	68.3	141	684.1	111
Annual	1162.0	121	937.7	103	NA	NA

1 - The 30-year average is calculated for the period (1994-2023)

2 - End of month

Kortes Reservoir Storage and Releases

Completed in 1951, Kortes Dam, Reservoir, and Powerplant of the Kortes Unit (Pick-Sloan Missouri Basin Project) are located about two miles below Seminoe Dam. It was the first unit initiated by the Bureau of Reclamation under the Missouri River Basin Project. Kortes Reservoir provides a total storage capacity of 4,739 AF at elevation 6,142 feet, the level of the spillway crest. Kortes Powerplant has three electrical generating units with a total capacity of 40 MW and a release capability of approximately 2,700 cfs. 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 Powerplant 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 cfs.

Senate Bill 2553, passed in the ninetieth Congress, authorized the modification of the operation of Kortes Dam and Powerplant to provide a minimum streamflow of 500 cfs 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.

Kortes releases averaged approximately 540 cfs from October 2022 to April 11, 2023. On April 12, 2023 flows increased to approximately 1,500 cfs and continued to increase until mid-June. The maximum release was 2,966 cfs on June 25, 2023. The peak release flows gradually dropped over the rest of the water year. From September 25, 2023 until September 30, 2023 flows were approximately 540 cfs commencing the winter flow rate.

Gains to the North Platte River from Kortes Dam to Pathfinder Dam

River gains from Kortes Dam to Pathfinder Dam were below average nearly all of WY2023 but were above average during May, June, and July, the wettest months of the year. The river gains from Kortes Dam to Pathfinder Dam ranged from 224 percent of average in May 2023 to 29 percent of average in September 2023. The total river gains were 142,900 AF, which is 137 percent of the 30-year average, 104,100 AF. Figure 4 depicts a comparison of average, WY2022, and WY2023 monthly river gains.

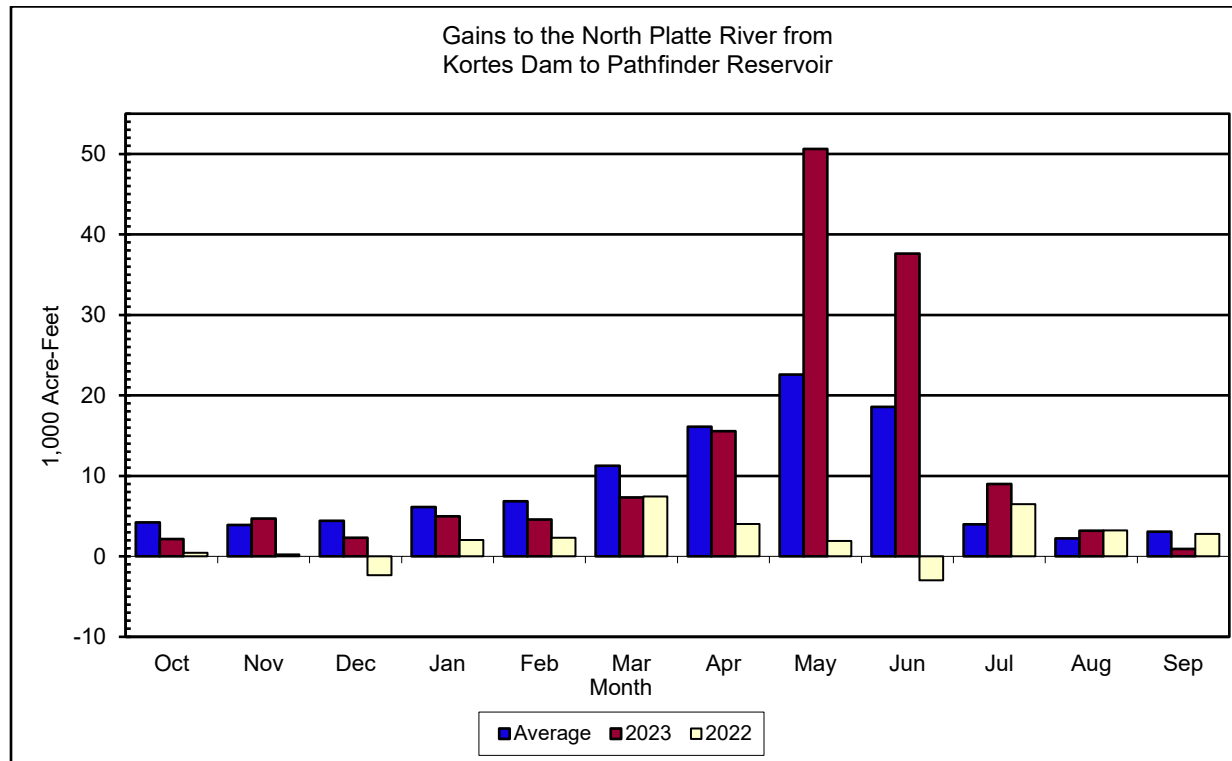


Figure 4: River gains accreted along the North Platte River from Kortes Dam to Pathfinder Reservoir.

Pathfinder Reservoir Storage and Releases

Pathfinder Dam and Reservoir, a major storage facility of the North Platte Project, has a total capacity of 1,070,000 AF at elevation 5,852.49 feet. Construction of the dam was completed in 1909. Operationally, this structure is a bottleneck in the System with its maximum non-spillway release capability of approximately 6,000 cfs. The rated capacity of the left abutment outlet works through each of the two 60-inch jet flow gates is approximately 3,000 cfs at elevation 5,852.49 feet. The flow capacity range of the 30-inch jet flow gate is from approximately 50 to 450 cfs. Depending on the elevation of the reservoir, as much as 3,080 cfs can be released through the Fremont Canyon Power conduit and discharged from the Fremont Canyon turbines at the Powerplant three miles downstream. Reconditioning of Unit 2 of the Fremont Canyon Powerplant was completed in August 2012. Reconditioning of Unit 1 was completed late July 2013. The 33.4 MW nameplate rating of the two units has not changed. Total rating of these two units is 66.8 MW.

Reconstruction of the Pathfinder spillway was completed in 2012. The spillway crest was raised approximately 2.4 feet to elevation 5,852.49 feet. The crest of the uncontrolled spillway on the left abutment of the dam was reconfigured from a flat-crested natural rock weir to an ogee-crested concrete weir. A spill occurs any time the reservoir water surface exceeds 5,852.49 feet. The calculated discharge capacity of the spillway is 32,449 cfs at reservoir elevation 5,858.10 feet.

At the start of WY2023 storage in Pathfinder Reservoir was 297,760 AF, 56 percent of average and 28 percent of capacity. WY2023 was a high inflow year, Pathfinder storage continued to rise from below average storage in WY2022 throughout WY2023.

The maximum Pathfinder Reservoir content for the water year peaked on July 16, 2023 at 710,768 AF, 66 percent of capacity. The water year ended with 665,640 AF of water in storage in Pathfinder Reservoir, 121 percent of average and 62 percent of capacity. At the request of the Wyoming Game and Fish Department a year-round flow of 75 cfs was provided to the river below Pathfinder Dam. The 75 cfs minimum flow is provided through the 30-inch jet-flow valve except when the 60-inch jet-flow valve is needed to supplement Fremont Canyon releases to make required irrigation deliveries. Figure 5 depicts a summary of Pathfinder Reservoir storage for average, WY2022 and WY2023.

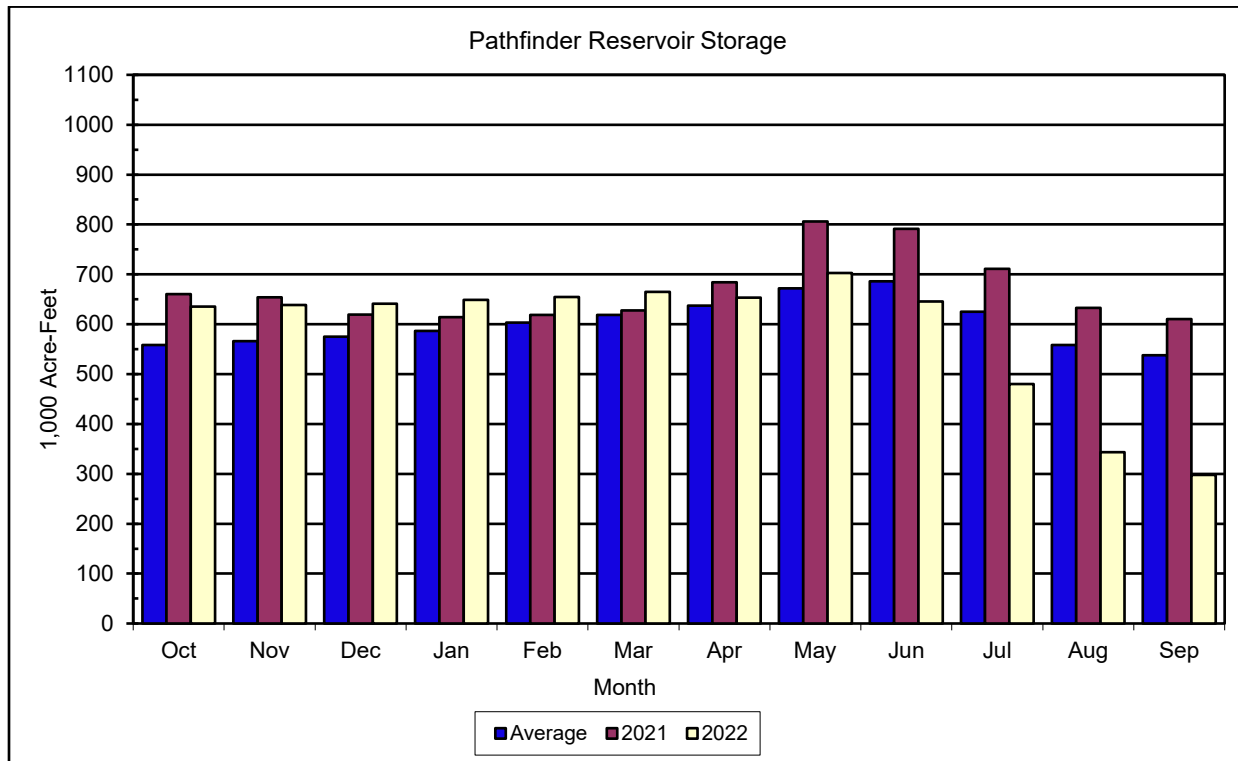


Figure 5: Pathfinder Monthly Reservoir Storage.

Table 8: Pathfinder Reservoir Storage Allocations

Reservoir Allocations	Elevation (FT)	Storage (AF)	Storage Allocation (AF)
Top of Inactive	5,746.00	31,405	31,405
Top of Active Conservation	5,852.49	1,070,000	1,038,595
Crest of Dam (without Camber)	5,858.10		

System Operations Water Year 2023

Table 9: Pathfinder Reservoir Water Year Storage Data

Storage-Elevation Data	Elevation (FT)	Storage (AF)	Date
Beginning of water year ³	5,800.06	297,762	Oct. 1, 2022
End of water year ³	5,831.72	665.639	Oct 1, 2023
Annual Low	5,800.18	298,737	Oct 1, 2022
Historic Low ²	5,690.00	0	Sept. 9, 1958
Annual High	5,834.40	7,10768	July 16, 2023
Historic High ¹	5,853.49	1,093,275	June 2, 2016

1 - Daily records for this table are only available from WY1946

2 - From September 1958 through January 1959, Pathfinder Reservoir was drained for construction of Fremont Canyon tunnel

3 - Represents 0000 hours on October 1

Table 10: Pathfinder Reservoir Water Year Inflow and Outflow Data

Inflow-Outflow Data	Inflow	Date	Outflow ¹	Date
Annual Total (AF)	1,080,357	Oct. '22 – Sep' 23	670,173	Oct. '22 – Sep. '23
Daily Peak (CFS)	4,260	May 25, 2023	2,677	July 27, 2023
Daily Minimum (CFS)	147	Oct 27, 2022	36	Oct 20, 2022

1 - At the request of the Wyoming Game and Fish Department a yearly, minimum flow of 75 cfs will be provided through the Pathfinder Reservoir 30-inch jet-flow valve to the river below Pathfinder Dam. Daily calculated outflow may vary based on heavily wind forced forebay. Minimum flow of 75 cfs was measured at the river gage below the dam.

Table 11: Monthly Computed Inflows, Outflows, and Contents for Pathfinder Reservoir, WY2023

Month ³	GAIN		Inflow ²		Outflow		Content	
	KAF	% of Avg. ¹	KAF	% of Avg. ¹	KAF	% of Avg. ¹	KAF	% of Avg. ¹
October	2.2	51%	35.4	87%	5.2	40%	326.2	58%
November	4.7	119%	36.8	88%	26.4	84%	334.6	59%
December	2.3	50%	35.2	80%	28.3	83%	341.2	59%
January	5.0	79%	37.8	83%	28.3	86%	350.3	59%
February	4.6	66%	33.9	70%	24.4	81%	359.3	59%
March	7.3	65%	39.2	55%	46.2	86%	351.7	56%
April	15.5	97%	121.9	103%	52.2	56%	419.3	65%
May	50.6	218%	221.8	141%	88.6	78%	547.7	80%
June	37.6	202%	201.5	103%	76.4	45%	667.2	96%
July	9.0	226%	148.8	113%	115.4	63%	691.1	108%
August	3.2	162%	99.0	124%	115.1	83%	666.4	117%
September	0.9	30%	69.2	133%	63.7	94%	665.6	121%
Annual	142.9	137%	1,080.4	1,038%	670.2	70%	NA	NA

1 - 30-year average is the period (1994-2023)

2 - The inflow includes the gain from Kortess Dam to Pathfinder Dam

3 - End of Month

Alcova and Gray Reef Reservoirs Storage and Releases

Alcova Dam and Reservoir is 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 ten miles downstream from Pathfinder Dam, was completed in 1938. Reservoir storage capacity is about 184,405 AF at elevation 5,500 feet, of which only the top 30,603 AF 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 cfs. The spillway is a concrete lined open channel in the left abutment of the dam controlled by three 25 by 40 feet gates with a capacity of 55,000 cfs at a reservoir level of 5,500 feet. The reservoir is typically operated during the irrigation season, May through September, at a level of 5,498 feet msl and at 5,488 feet msl for the remainder of the year. A higher operating level is maintained during the summer months to provide adequate head on the Casper Canal, while the lower winter operating level reduces the potential for ice damage to the canal gate.

The Alcova Reservoir normal winter draw was initiated on Oct 1, 2022. The water surface elevation was maintained at about 5,488 ft from October 31, 2022 to March 31, 2023. Alcova Reservoir was returned to summer operating level beginning on April 1, 2023. The water surface elevation was raised to about 5,498 feet on April 30, 2023 and maintained within one foot of that level until September 30, 2023, the end of the irrigation season.

Gray Reef Dam and Reservoir is part of the Glendo Unit, Oregon Trail Division, Pick-Sloan Missouri Basin Program. The dam which was completed in 1961 is a three-zoned rock and earth fill structure located about two and a half miles below Alcova Dam. The reservoir has an active capacity of 1,744 AF. Gray Reef Reservoir is operated to reregulate water release fluctuations from the Alcova Powerplant, and provide stable flow for irrigation, municipal, industrial, fish, and wildlife interests along the 147 miles of river between Alcova and Glendo Dams.

Gray Reef operations started WY2023 at an average winter release of approximately 500 cfs. On October 5, 2022 releases were reduced to 450 cfs for the remainder of the winter season to avoid excess releases at Glendo Reservoir. A fish flush with average daily flows of approximately 1,370 cfs was conducted from March 20, 2023 to March 29, 2023 at the request of Wyoming Game and Fish. Flows were then returned to 450 cfs. Flows were increased to approximately 700 cfs on April 26, 2023 and gradually increased to 2,200 cfs by July 24, 2023. On August 08, 2023 flows were reduced to 2,000 cfs and gradually reduced to the normal winter release of 500 cfs, on September 22, 2023, after meeting 2023 irrigation demand. The largest daily release of water for the water year occurred on August 07, 2023 with 2,204 cfs.

Gains to the North Platte River from Alcova Dam to Glendo Reservoir

Total River gains from Alcova Dam to Glendo Reservoir were above average for WY2023. The highest volume gain month was during May with 118.2 kaf at 161 percent of average. The April through July gain was 227,100 AF, 155 percent of average. The maximum computed daily river gain of 3,750 cfs occurred on May 16, 2023 and the daily computed Glendo Reservoir inflow peaked on May 16, 2023 at 6,620 cfs. Figure 6 depicts a comparison of Average, WY2022, and WY2023 monthly river gains.

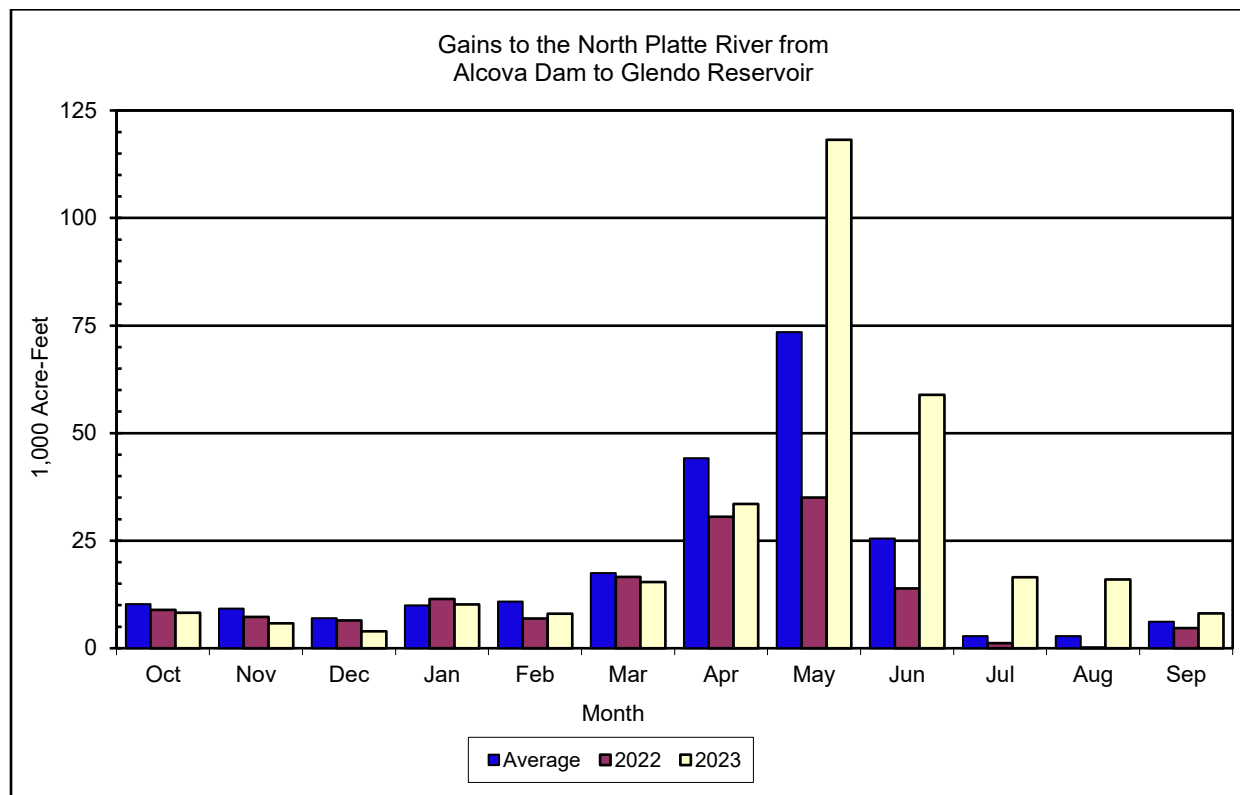


Figure 6: Gains to the North Platte River from Alcova Dam to Glendo Reservoir.

Glendo Reservoir Storage and Releases

Glendo Dam and Reservoir is the only storage facility for the Glendo Unit. The reservoir has a storage capacity of 763,039 AF including 271,017 AF allocated to flood control. Glendo Powerplant consists of two electrical generating units with a total installed capacity of 38 MW. With both generating units operating at capacity and the reservoir water surface at elevation 4,635 feet, approximately 3,400 cfs can be released through Glendo Powerplant. The reinforced concrete spillway has an ungated ogee crest. The spillway capacity at elevation 4,669.0 feet (six feet below the crest of the dam) is 10,335 cfs.

The outlet works from Glendo Dam consist of the primary outlet works which discharge at the powerplant and the low-flow outlet which discharges to the river immediately below the dam. The three primary outlet gates can release a combined discharge of 13,000 cfs with the powerplant shut down. During normal operation, when the reservoir elevation is below the top of conservation storage (4,635 feet), outlet works discharges should typically remain below 5,500 cfs. This precautionary practice is to minimize the potential for damage to the stilling basin and training walls. The low-flow outlet works are operated to maintain a continuous release of approximately 25 cfs. This provides a reliable water source for the downstream wetland area resulting in fish and wildlife benefits. In the summer of 2015, the dam was raised three feet with a parapet wall and the dikes on the south side of the reservoir were raised six feet.

At the beginning of WY2023 Glendo Reservoir storage was 127,195 AF, 94 percent of average and 26 percent of the active conservation of 492,022 AF. Water releases from Glendo Reservoir were initiated on April 12, 2023 to fill the Inland Lakes. The reservoir reached a maximum storage for the year of 501,616 AF (elevation 4,635.79 feet) on June 24, 2023. At the end of the water year Glendo Reservoir contained 134,494 AF of water (water surface elevation 4,591.66 feet), 99 percent of average and 27 percent of top of active conservation. Table 12 and 13 depict Glendo storage allocations and water year storage data. Table 14 depicts a summary of Glendo Reservoir information for WY2023. Table 15 depicts monthly inflows, outflows, and contents for Glendo. Figure 7 depicts end of month reservoir storage for the average water year, WY2022 and WY2023.

Water releases were shut for the winter season except for Low Flow. Low Flow releases from Glendo Reservoir were maintained throughout the WY2023.

Table 12: Glendo Reservoir Storage Allocations

Reservoir Allocations	Elevation (FT)	Storage (AF)	Storage Allocation (AF)
Top of Inactive	4,570.00	51,573	51,573
Top of Active Conservation	4,635.00	492,022	440,449
Top of Exclusive Flood Control	4,653.00	763,039	271,017
Maximum water surface (surcharge)	4,669.00	1,092,290	329,251
Crest of Dam (without Camber)	4,675		

System Operations Water Year 2023

Table 13: Glendo Reservoir Water Year Storage Data

Storage-Elevation Data	Elevation (FT)	Storage (AF)	Date
Beginning of water year	4,590.17	127,195	Oct. 1, 2022 ²
End of water year	4,591.66	134,494	Sep. 30, 2023
Annual Low	4,587.97	116,916	Sep. 15, 2023
Historic Low ¹	4,548.10	15,140	Sep. 28, 1966
Annual High	4,635.79	501,616	Jun. 24, 2023
Historic High ¹	4,650.94	758,830	May 28, 1973

1 – The daily records for this table are only available from WY1946

2 – Represents 0000 hours on October 1

Table 14: Glendo Reservoir Water Year Inflow and Outflow Data

Inflow-Outflow Data	Inflow	Date	Outflow ¹	Date
Annual Total (AF)	894,985	Oct. '22 – Sep. '23	864,593	Oct. '22 – Sep. '23
Daily Peak (CFS)	6,622	May 14, 2023	7,562	Jul 30, 2023
Daily Minimum (CFS)	28	Feb 23, 2023	13	Sep 26, 2023
Peak Bypass Release (CFS)			4,045	Jul 30, 2023
Total Bypass Release (AF)			74,245	Oct 22 – Sep 23

1 -Includes the average daily release of approximately 25 cfs from the low flow outlet works for Apr-Sep. A low flow outlet works was completed in 1993 to allow for a release of 25 cfs.

Table 15: Monthly Computed Inflows, Outflows, and Contents for Glendo Reservoir, WY2023

Month	Gain from Alcova (KAF)	Gain from Alcova % of Avg. ¹	Inflow ² (KAF)	Inflow ² % of Avg. ¹	Outflow (KAF)	Outflow % of Avg. ¹	Content (KAF)	Content ³ % of Avg. ¹
October	8.3	81%	36.0	72%	1.4	70%	160.8	88%
November	5.8	63%	33.8	80%	1.4	100%	192.9	86%
December	3.9	57%	31.0	79%	1.4	90%	221.9	85%
January	10.2	102%	37.3	90%	1.4	89%	257.5	86%
February	8.0	74%	32.4	82%	1.3	73%	288.3	85%
March	15.4	88%	55.5	83%	1.5	11%	340.8	88%
April	33.5	76%	65.9	61%	46.5	92%	358.4	81%
May	118.2	161%	189.8	112%	94.5	71%	450.4	94%
June	58.9	231%	121.3	69%	72.4	41%	495.3	106%
July	16.5	592%	111.1	67%	233.7	77%	367.7	113%
August	16.0	574%	128.0	98%	303.3	105%	189.0	115%
September	8.1	131%	52.9	76%	105.7	110%	134.5	99%
Annual	302.8	138%	895.0	81%	864.6	81%		

1 - 30-year average is the period (1994-2023)

2 - Inflow include the gain from Alcova Dam to Glendo Dam.

3 - End of month

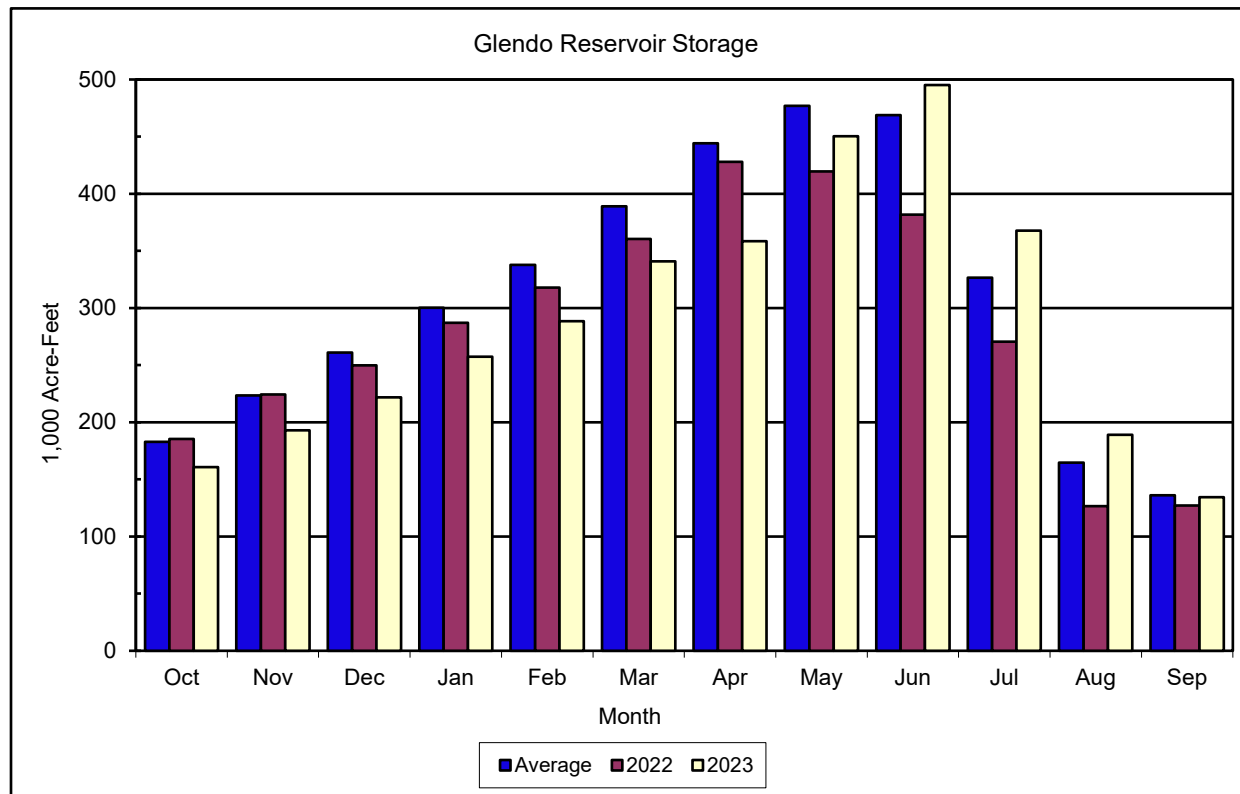


Figure 7: Glendo Reservoir Monthly Storage.

Gains to the North Platte River from Glendo Dam to Guernsey Reservoir

The river gains between Glendo Dam and Guernsey Dam during WY2023 were below average for the winter and were above average for most of the spring and summer. September gains were very high at 356 percent of average. The Glendo Dam to Guernsey Reservoir river gains ranged from a high of 356 percent of average in September 2023 to a reach loss of nearly ten times the average loss in August 2023. On July 10, 2023 the daily computed gain to Guernsey Reservoir peaked at 707 cfs. Figure 8 depicts a comparison of average monthly river gains compared to WY2022 and WY2023 monthly river gains.

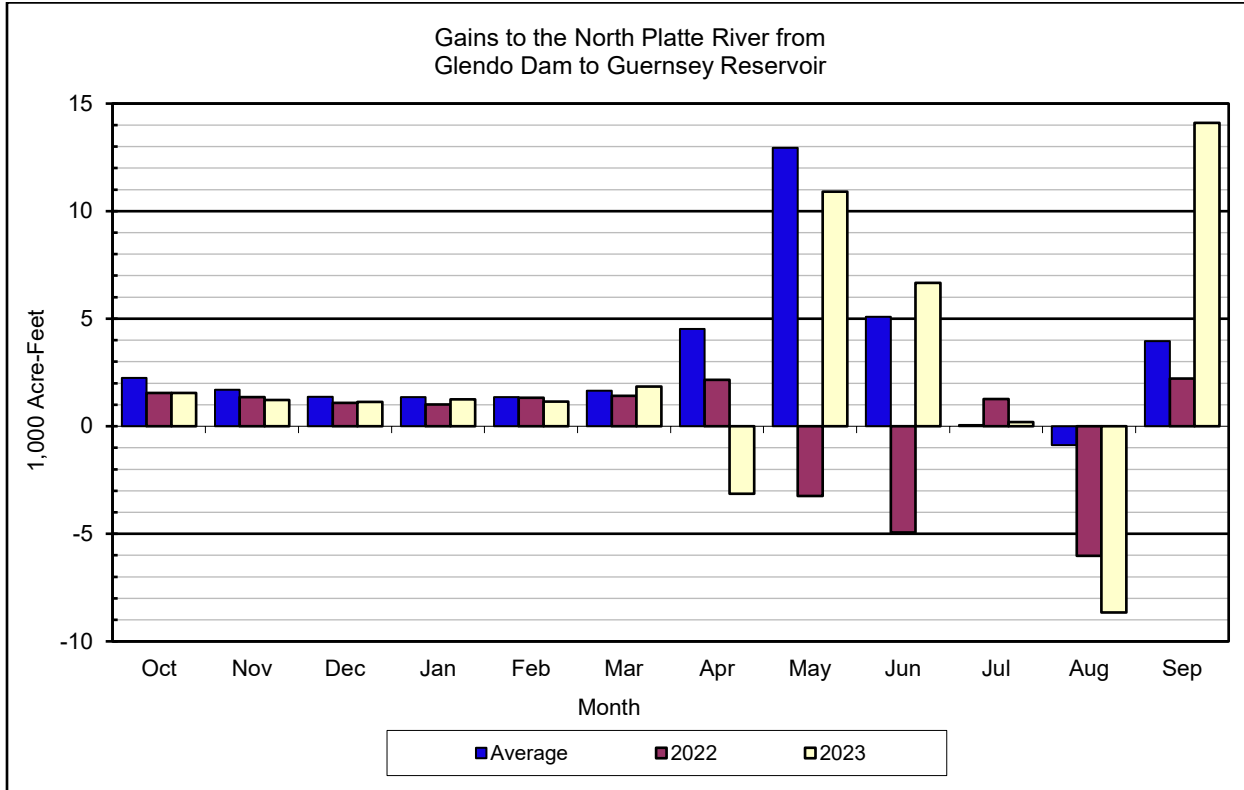


Figure 8: Gains to the North Platte River from Glendo Dam to Guernsey Reservoir.

Guernsey Reservoir Storage and Releases

Guernsey Dam located about 25 miles below Glendo Dam stores and reregulates 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 cfs. The windings of both units have been replaced resulting in the rating of 3.2 MW per unit. Irrigation releases to supplement the maximum powerplant releases are made from the north spillway gate, having a capacity of 50,000 cfs at a reservoir level of 4,420 feet.

The original storage capacity of the reservoir was 73,800 AF but this has been greatly reduced by deposition of silt. The March 1982 - Area Capacity Tables and Curves developed from the 1980 Sedimentation Survey of Guernsey Reservoir show that there was about 45,612 AF of available storage capacity at that time.

At the beginning of WY2023 Guernsey Reservoir contained 3,685 AF of water. Guernsey Reservoir gates were shut on September 29, 2022 and began storage. Reclamation began Glendo releases on April 12, 2023 and Guernsey releases commenced the same day to move water into the Inland Lakes. The annual "silt run", a sediment flushing exercise, was initiated on July 10 and continued for 20 days. Reservoir storage was reduced to initiate the silt run and was maintained at a low level throughout the period. The minimum reservoir content during the silt

run of 1,114 AF occurred on July 24, 2023. Following the silt run, the reservoir was refilled to approximately 28,000 AF. The releases from Guernsey Dam averaged 4,544 cfs from July 24 to August 31, 2023. Guernsey reservoir was lowered to allow storage of winter gains. The reservoir end-of-September storage was 2,458 AF and peaked at 32,820 AF on June 21, 2023. Guernsey releases were discontinued at end of WY2023. The Glendo low flow valve continued releases into WY2024. See Figure 9 for WY2022 and WY2023 storage compared to average.

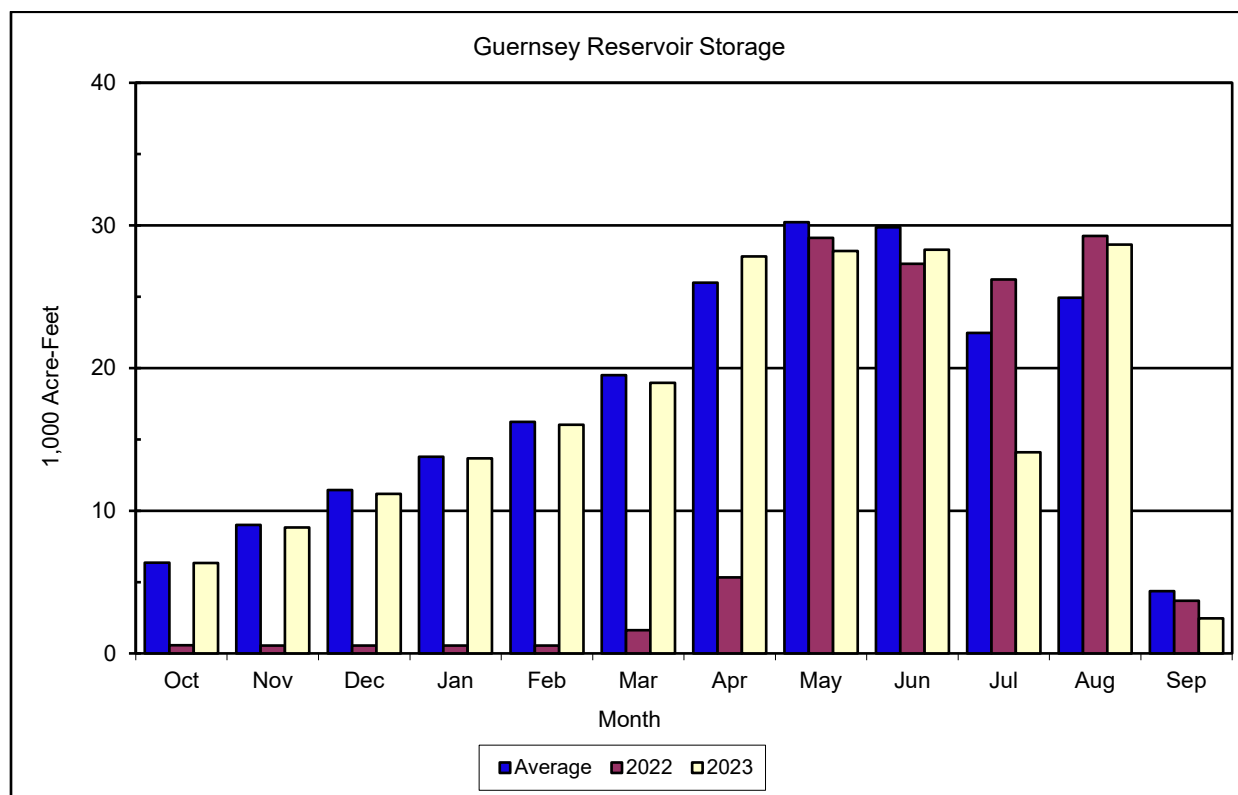


Figure 9: Guernsey Reservoir Monthly Storage.

Precipitation Summary for Water Year 2023

Watershed precipitation in each basin is an average of precipitation readings using several stations as indicators. The 2023 precipitation was at or above average for the North Platte River Basin. Precipitation ranged from a high of 392 percent in January to an October low of seven percent of average for Seminoe, Pathfinder, Glendo, and Guernsey.

The North Platte basin received near to above average precipitation during May through September 2023. Guernsey basin precipitation had the lowest precipitation at seven percent of average for October and ten percent for November. The North Platte Basin precipitation percents of average for March through June were as follows: Seminoe basin precipitation was

59, 85, 53, and 185 percent of average, Pathfinder basin precipitation was 53, 110, 51, and 245 percent of average, Glendo basin precipitation was 49, 58, 107, and 218 percent of average, and Guernsey basin precipitation was 19, 71, 100, and 98 percent of average.

See Figure 10 for a comparison of average annual precipitation with WY2022 and WY2023 total precipitation.

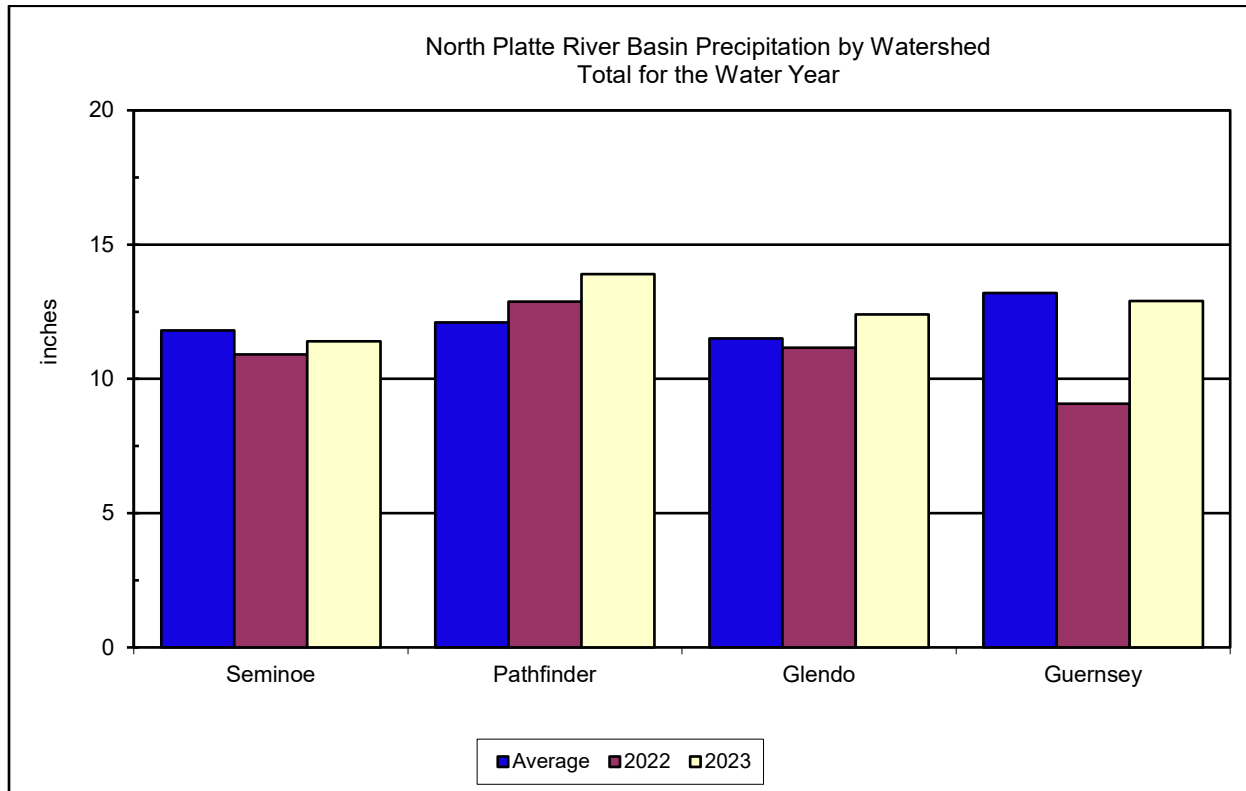


Figure 10: North Platte River Basin Precipitation by Watershed. Total for WY2023.

Snowpack Summary for Water Year 2023

Reclamation relies on the Natural Resource Conservation Service (NRCS) to provide snow water equivalent (SWE) information for the following three watersheds in which Reclamation forecasts snowmelt runoff. On February 1 the SWE within the Seminoe Reservoir watershed was 133 percent of median, decreased to 124 percent of median by March 1, and finished at 130 percent of median on May 1. In the Sweetwater River watershed, the SWE started at 164 percent of median on February 1 with steady decreases through February and March to 144 percent of median by April 1, and finished at 155 percent of median on May 1. SWE in the Alcova Dam to Glendo Reservoir watershed began at 128 percent of median on February 1 with steady decreases to 114 percent of median by April 1 and finished at 137 percent of median on May 1. Table 6 shows a summary of snowpack for WY2023.

Table 16: North Platte Snow Water Equivalent for WY2023

Watershed	Feb 1 SWE ¹	Feb 1 % of Median ²	Mar 1 SWE ¹	Mar 1 % of Median ²	Apr 1 SWE ¹	Apr 1 % of Median ²	May 1 SWE ¹	May 1 % of Median ²
Seminole Reservoir	17.3	133	21.3	124	27.2	130	26.8	130
Pathfinder Reservoir	13.3	164	16.4	151	20.5	144	23.3	155
Glendo Reservoir	8.2	128	11.0	133	12.5	114	12.7	137

1 – SWE is Snow Water Equivalent in Inches i.e., the amount of water depth in the snowpack

2 - Median is based on the 1991-2020 period

Allocation for Water Year 2023

Above average snowpack and tributary inflows resulted in sufficient water supplies for all uses and no allocation was declared in WY2023.

Ownerships for Water Year 2023

Stored water which is held in accounts for various entities is referred to as their ownership. At the beginning of WY2023 the North Platte Project ownership (includes North Platte Pathfinder and North Platte Guernsey) contained 155,018 AF of water, 35 percent of average. The Kendrick ownership contained 832,002 AF of water, 92 percent of average. The Glendo ownership contained 117,949 AF of water, 90 percent of average.

The total amount of water stored at the end of WY2022 in the mainstem reservoirs for use in WY2023 was 1,114,379 AF, 76 percent of average.

At the end of WY2023 the North Platte Project ownership (includes North Platte Pathfinder and North Platte Guernsey) contained 591,325 AF of water, 134 percent of average. The Glendo ownership contained 145,250 AF of water, 111 percent of average. The Kendrick ownership contained 917,557 AF, 101 percent of average. The Operational/Reregulation water account contained 10,371 AF. Also stored in the North Platte storage system was 7,207 AF for the city of Cheyenne and 2,000 AF for PacifiCorp. The Wyoming Water Development Commission used 6,844 AF in WY2023. Wyoming Water Development Commission will have 8,000 AF available for use in WY2024. See Figure 11 for the last two water years ownership carryover compared with the average carryover for the Kendrick, North Platte, and Glendo Projects. Table 8 shows a summary of ownership for WY2023.

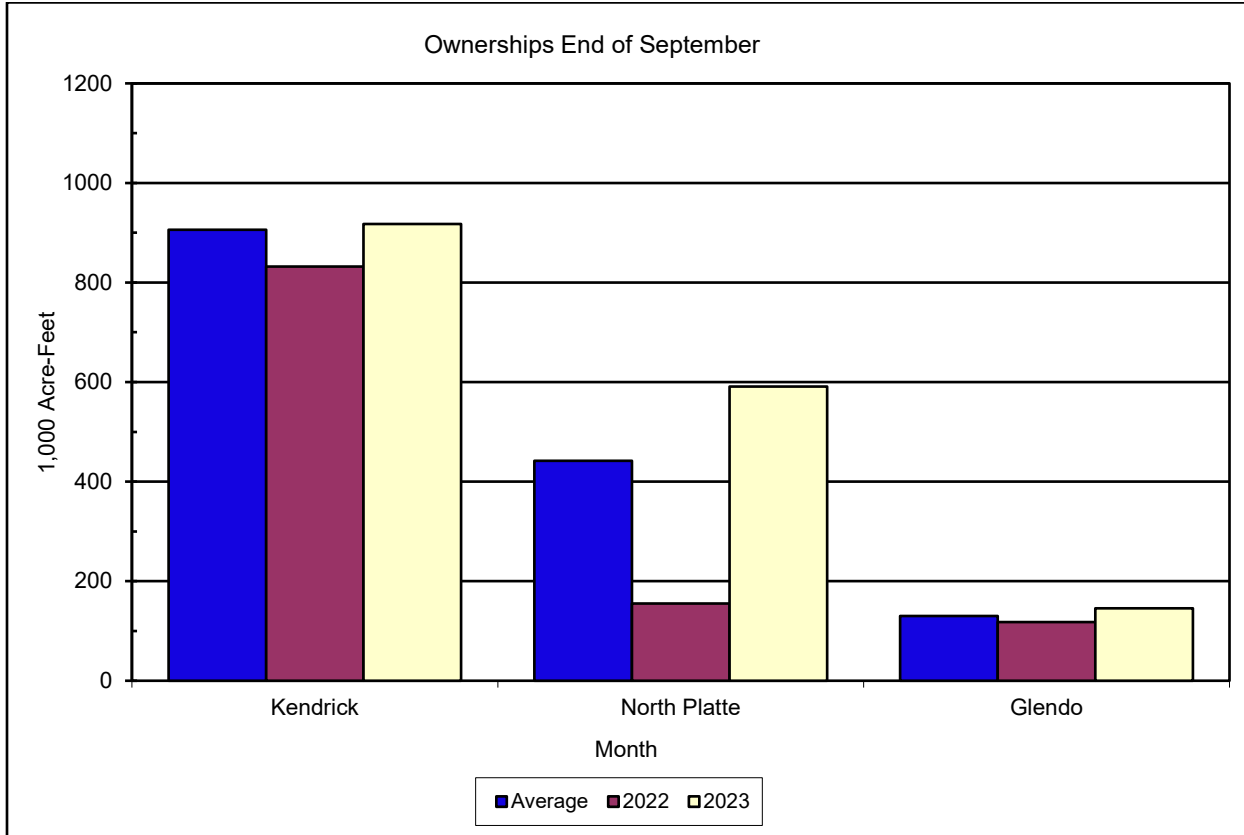


Figure 11: Ownership at the End of September.

North Platte River Forecast 2023

Reservoir inflow forecasts are prepared at the first of February, March, April, and May to estimate the inflows expected for the April through July runoff period.

Runoff forecasts for the Seminole Reservoir watershed, the Sweetwater River above Pathfinder Reservoir, and the North Platte River from Alcova Dam to Glendo Reservoir are based on snow telemetry (SNOTEL) and/or snow course sites, precipitation sites, and calculated inflows. Reclamation maintains a database consisting of historic monthly data for reservoir inflows, snow, and precipitation stations. WYAO staff coordinates with NRCS Portland Office staff and USACE Omaha Office staff to exchange forecasted numbers. Reclamation forecasts, NRCS forecasts, and USACE forecasts are then reviewed by WYAO management. This information is used to develop a final forecast of reservoir inflow. The forecasted information is then made available to the public through a news release and is used in updating monthly reservoir operating plans. Table 17 depicts a summary of the monthly forecasts for WY2023. Tables 18 and 19 depict North Platte River System ownership and hydrologic operations. Tables 20, 21, and 22 depict operations relating to ownership, irrigation delivery, and power. Table 23 depicts flood benefits of the various reservoirs.

System Operations Water Year 2023

Table 17: Summary of Forecasts of April-July Runoff for WY2023

Forecast Points	Feb 1 (KAF)	Feb 1 % of Avg.	Mar 1 (KAF)	Mar 1 % of Avg.	Apr 1 (KAF)	Apr 1 % of Avg.	May 1 (KAF)	May 1 % of Avg.	Actual (KAF)	Actual % of Avg. ¹
Seminole Reservoir	870	121	870	121	950	132	1,000 ²	139	968.9	135
Sweetwater River	80	150	80	150	80	150	70 ³	131	111.8	209
Alcova to Glendo	150	104	150	145	120	83	110 ⁴	76	227.1	156

1 – Average is based on the 1993-2022 period which are the stated averages used in the forecast reports.

2 – The May first forecast includes actual April inflow of 131,080 acre-feet. => 868.9 May - July

3 – The May first forecast includes actual April inflow of 9,178 acre-feet. => 60.8 May - July

4 – The May first forecast includes actual April inflow of 33,547 acre-feet. => 76.5 May - July

Table 18: Summary of North Platte River System Ownership for WY2023 (Acre Feet)

	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pathfinder Ownership														
Evaporation		-1,276	-1,337	-314	-328	-393	-428	-1,976	-6,079	-8,479	-12,463	-10,551	-6,551	-50,175
Accrual		18,741	25,674	21,640	30,375	23,477	30,094	148,999	470,735	158,976	0	0	0	928,711
Delivery		0	0	0	0	0	0	0	0	-9,600	-103,598	-209,765	-120,088	-
PP&L Payback		0	0	0	0	0	0	0	806	16	0	0	0	822
Evaporation Payback										0	0			0
Reregulation Transfer												0	0	0
Ownership Total		172,483	196,820	218,146	248,193	271,277	300,943	447,966	913,428	1,054,341	938,280	717,964	591,325	
Actual Ownership	155,018	172,483	196,820	218,146	248,193	271,277	300,943	447,966	913,428	1,054,341	938,280	717,964	591,325	

	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Kendrick Ownership														
Evaporation		-3,257	-3,849	-649	-706	-881	-923	-3,405	-5,276	-5,551	-9,337	-7,754	-6,000	-47,588
Accrual		0	0	0	0	0	0	0	0	168,804	1,515	0	11,572	181,891
Delivery		0	0	0	0	0	0	0	-5,601	-3,894	-13,791	-15,884	-9,578	-48,748
Delivery City of Casper												0		
Evaporation Payback										0	0	0	0	0
Reregulation Transfer							0	0	0	0	0		0	0
Ownership Total		828,745	824,896	824,247	823,541	822,660	821,737	818,332	807,455	966,814	945,201	921,563	917,557	
Actual Ownership	832,002	828,745	824,896	824,247	823,541	822,660	821,737	818,332	807,455	966,814	945,201	921,563	917,557	
Glendo Ownership														
Evaporation		-1,054	-131	-497	-159	-136	-1,153	-758	-1,347	-1,840	-2,396	-2,175	-1,814	-13,460
Accrual		0	0	0	0	0	0	0	54,246	3,128	0	0	0	57,374
Delivery		0	0	0	0	0	0	0	0	0	-4,898	-8,170	-3,545	-16,613
Evaporation Payback									0	0	0	0	0	0
Ownership Total		116,895	116,764	116,267	116,108	115,972	114,819	114,061	166,960	168,248	160,954	150,609	145,250	
Actual Ownership	117,949	116,895	116,764	116,267	116,108	115,972	114,819	114,061	166,960	168,248	160,954	150,609	145,250	
Guernsey Ownership														
Evaporation		0	0	-28	-44	-54	-366	-415	-810	-713	-448	0	0	-2,878
Accrual		0	0	4,961	11,315	9,050	17,092	809	3,006	0	0	0	0	46,233
Delivery		0	0	0	0	0	0	0	0	0	-43,355	0	0	-43,355
Evaporation Payback									0	0	0	0	0	0
Reregulation Transfer												0	0	0
Ownership Total		0	0	4,933	16,204	25,200	41,926	42,320	44,516	43,803	0	0	0	
Actual Ownership	0	0	0	4,933	16,204	25,200	41,926	42,320	44,516	43,803	0	0	0	

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	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Inland Lakes														
Evaporation		-36	-20	-60	-30	-27	-89	-81	-15	0	0	0	0	-358
Accrual		9,652	6,927	0	0	0	0	29,558	0	0	0	0	0	46,137
Delivery		0	0	0	0	0	0	-34,118	-11,661	0	0	0	0	-45,779
Ownership Total		9,616	16,523	16,463	16,433	16,406	16,317	11,676	0	0	0	0	0	
Actual Ownership	0	9,616	16,523	16,463	16,433	16,406	16,317	11,676	0	0	0	0	0	
City of Cheyenne														
Evaporation		-38	-38	-1	-1	-5	-5	-60	-61	-31	-50	-52	-50	-392
Stored		891	610	534	1,160	1,548	1,464	535	34	1,162	1,264	750	1,123	11,075
Used		-93	-104	-142	-455	-49	-1	-228	-8,608	-376	-233	-291	-240	-10,820
Ownership Total		8,104	8,572	8,963	9,667	11,161	12,619	12,866	4,231	4,986	5,967	6,374	7,207	
Actual Ownership	7,344	8,104	8,572	8,963	9,667	11,161	12,619	12,866	4,231	4,986	5,967	6,374	7,207	
Pacific Corp PP&L														
Evaporation		-10	0	-4	0	0	-7	-3	-19	-19	-26	-15	-26	-129
Accrual		0	0	0	0	0	0	0	43	19	26	558	483	1,129
Delivery		0	0	0	0	0	0	0	0	0	-1,000	0	0	-1,000
Ownership Total		1,990	1,990	1,986	1,986	1,986	1,979	1,976	2,000	2,000	1,000	1,543	2,000	
Actual Ownership	2,000	1,990	1,990	1,986	1,986	1,986	1,979	1,976	2,000	2,000	1,000	1,543	2,000	
WWDC Ownership														
Evaporation		0	0	0	0	0	0	0	0	0	0	0	0	0
Accrual		0	0	0	0	0	0	0	0	0	0	0	0	0
Delivery		0	0	0	0	0	0	0	0	0	0	0	0	0
Ownership Total		0	0	0	0	0	0	0	0	0	0	0	0	
Actual Ownership	0	0	0	0	0	0	0	0	0	0	0	0	0	
Operational Ownership														
Evaporation		0	0	0	0	0	0	0	0	-60	-138	-117	-90	-405
Accrual		0	0	0	0	0	0	0	122	12,770	0	0	5,795	18,687
Delivery		0	0	0	0	0	0	0	0	0	-1,805	-2,614	-3,558	-7,977
Evaporation Payback									0	0	0	0	0	0
Ownership Total		66	66	66	66	66	66	66	188	12,898	10,955	8,224	10,371	
Actual Ownership	66	66	66	66	66	66	66	66	188	12,898	10,955	8,224	10,371	

	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Re-Regulation Water														
Evaporation		0	0	0	0	0	0	0	0	0	0	0	0	0
Accrual		0	0	0	0	0	0	0	0	0	0	0	0	0
Delivery		0	0	0	0	0	0	0	0	0	0	0	0	0
Evaporation Payback										0	0	0	0	0
Re-Regulation Transfer							0	0	0	0	0	0	0	0
Ownership Total		0	0	0	0	0	0	0	0	0	0	0	0	0
Actual Ownership	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pathfinder Ownership Without Modification														
Evaporation		-1,417	-1,510	-342	-360	-436	-466	-2,146	-6,366	-8,267	-12,067	-10,129	-6,292	-49,798
Accrual		18,741	25,674	21,640	30,375	23,477	30,094	148,999	471,541	66,251	0	0	258	837,050
Delivery		0	0	0	0	0	0	0	0	0	-103,598	-209,765	-88,078	-401,441
Ownership total		210,956	235,120	256,418	286,433	309,474	339,102	485,955	951,130	1,009,114	893,449	673,555	579,443	
Actual Ownership	193,632	210,956	235,120	256,418	286,433	309,474	339,102	485,955	951,130	1,009,114	893,449	673,555	579,443	
Pathfinder Ownership With Modification														
Evaporation		-3,322	-3,948	-680	-739	-915	-959	-3,483	-5,390	-6,059	-10,272	-8,549	-6,628	-50,944
Accrual		0	0	0	0	0	0	0	0	261,545	1,515	0	11,572	274,632
Delivery		0	0	0	0	0	0	0	-5,601	-1,603	-13,791	-15,884	-9,578	-46,457
Ownership total		849,954	846,006	845,326	844,587	843,672	842,713	839,230	828,239	1,082,122	1,059,574	1,035,141	1,030,507	
Actual Ownership	853,276	849,954	846,006	845,326	844,587	843,672	842,713	839,230	828,239	1,082,122	1,059,574	1,035,141	1,030,507	

A - In 1992, the Wyoming State Engineer granted an exchange which allows Pacific Power to exchange direct flows in the winter months (October through April) 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 Pacific Power. In exchange, starting on May 1 Pacific Power allows some of its available direct flow to pass downstream to Glendo Reservoir to be stored as Pathfinder ownership. The exchange water was returned to Pathfinder at a rate of 26 AF daily starting on May 1, 2023, until June 1, 2023, when the last 16 AF of the exchange was returned.

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

C - Transfer refers to Inland Lakes ownership water which was delivered from storage in Glendo or Guernsey Reservoirs. On April 12 through May 7, 45,779 AF was transferred to the Inland Lakes.

D - Wyoming Water Development Commission (WWDC) used 6,844 AF of contract water from the State of Wyoming's Account in Glendo.

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Table 19: North Platte WY2023 Hydrologic Operations

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Total Inflow	kaf	18.0	20.2	20.4	26.8	21.0	29.3	131.1	442.8	319.9	75.1	36.0	21.5	1162.0
Total Inflow	cfs	293	339	332	436	378	477	2,203	7,201	5,376	1,221	585	361	NA
Turbine Release	kaf	11.2	31.7	32.9	32.1	29.3	31.9	105.9	171.0	163.8	139.7	95.9	68.3	913.7
Jet flow Release	kaf	22.1	0.4	0.0	0.7	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.0	24.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	33.3	32.1	32.9	32.8	29.3	31.9	106.3	171.2	164.0	139.7	95.9	68.3	937.7
Total Release	cfs	542	539	535	533	528	519	1,786	2,784	2,756	2,272	1,560	1,148	NA
Evaporation	kaf	2.2	2.5	0.4	0.5	0.6	0.6	2.3	4.1	5.2	8.6	6.7	4.8	38.5
End-month content	kaf	480.8	466.3	453.4	446.9	438.1	434.9	457.4	724.9	875.5	802.3	735.7	684.1	NA
End-month elevation	ft	6,322.1	6,320.8	6,319.6	6,319.0	6,318.1	6,317.8	6,320.0	6,340.6	6,349.6	6,345.4	6,341.3	6,337.9	NA
Total Inflow	kaf	33.4	32.1	32.9	32.8	30.3	31.9	106.3	171.2	163.8	139.8	95.8	68.3	938.6
Total Inflow	cfs	543	539	535	533	546	519	1,786	2,784	2,753	2,274	1,558	1,148	NA
Turbine Release	kaf	32.8	31.5	32.9	32.8	29.3	31.9	106.3	160.5	112.4	99.1	94.2	67.7	831.4
Spillway Release	kaf	0.5	0.6	0.0	0.0	0.0	0.0	0.0	10.7	51.4	40.7	1.6	0.6	106.1
Total Release	kaf	33.3	32.1	32.9	32.8	29.3	31.9	106.3	171.2	163.8	139.8	95.8	68.3	937.5
Total Release	cfs	542	539	535	533	528	519	1,786	2,784	2,753	2,274	1,558	1,148	NA
Min reservoir release	cfs	542	539	535	533	528	519	1,786	2,784	2,753	2,274	1,558	1,148	NA
Max reservoir release	cfs	542	539	535	533	528	519	1786	2,784	2753	2,274	1558	1,148	NA

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Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Pathfinder Reservoir (Initial content: 297.8 KAF)														
Sweetwater Inflow	kaf	2.1	2.5	2.9	2.6	3.9	3.8	9.2	48.3	41.4	12.9	5.6	2.8	138.1
Kortes-Path Gain	kaf	0.0	2.2	-0.6	2.3	0.7	3.5	6.4	2.3	-3.7	-4.0	-2.4	-1.9	4.8
Inflow from Kortes	kaf	33.3	32.1	32.9	32.8	29.3	31.9	106.3	171.2	163.8	139.8	95.8	68.3	937.5
Total Inflow	kaf	35.4	36.8	35.2	37.7	33.9	39.2	121.9	221.8	201.5	148.7	99	69.2	1,080.4
Total Inflow	cfs	576	618	572	613	610	638	2,049	3,607	3,386	2,418	1,610	1,163	NA
Turbine Release	kaf	0.6	21.8	23.6	23.4	20.1	41.5	45.7	83.8	71.5	110.5	110.1	58.8	611.4
Jet flow Release	kaf	4.6	4.6	4.7	4.9	4.3	4.7	6.5	4.8	4.9	4.9	5.0	4.9	58.8
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	0.0
Total Release	kaf	5.2	26.4	28.3	28.3	24.4	46.2	52.2	88.6	76.4	115.4	115.1	63.7	670.2
Total Release	cfs	85	444	460	460	439	751	877	1,441	1,284	1,877	1,872	1,071	NA
Evaporation	kaf	1.8	2	0.3	0.4	0.5	0.5	2.1	4.7	5.6	9.6	8.6	6.3	42.4
End-month content	kaf	326.2	334.6	341.2	350.3	359.3	351.7	419.3	547.7	667.2	691.1	666.4	665.6	NA
End-month elevation	ft	5,803.5	5,804.4	5,805.2	5,806.2	5,807.1	5,806.3	5,813.1	5,823.8	5,831.8	5,833.3	5,831.8	5,831.7	NA
Jet flow Release	cfs	75	77	76	80	76	76	109	78	82	80	81	82	NA
Min Release	cfs	75	78	77	79	77	77.2	110	78	82	80	81	83	NA
Alcova Reservoir (Initial content: 181.5 KAF)														
Total Inflow	kaf	5.2	26.4	28.3	28.3	24.4	46.2	52.2	88.6	76.4	115.4	115.1	63.7	670.2
Total Inflow	cfs	85	444	460	460	439	751	877	1,441	1,284	1,877	1,872	1,071	NA
Turbine Release	kaf	28.3	26.7	27.6	19.8	22.9	45.5	29.2	81.1	68.4	71.5	97.5	49.0	567.5
Spillway Release	kaf	0.0	0.0	0.0	8.2	1.8	0.0	0.0	0.1	0.0	27.7	1.1	0.0	38.9
Casper Canal Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	7.9	14.1	15.9	13.3	56.8
Total Release	kaf	28.3	26.7	27.6	28.0	24.7	45.5	29.2	86.8	76.3	113.3	114.5	62.3	663.2
Total Release	cfs	460	449	449	455	445	740	491	1,412	1,282	1,843	1,862	1,047	NA
Evaporation	kaf	0.5	0.5	0.1	0.1	0.1	0.1	0.5	1	0.9	1.4	1.3	1	7.5
End-month content	kaf	157.8	157.0	157.5	157.6	157.3	157.8	180.4	181.2	180.4	181.0	180.4	180.8	NA
End-month elevation	ft	5,488.8	5,488.4	5,488.6	5,488.7	5,488.5	5,488.8	5,498.4	5,498.7	5,498.4	5,498.6	5,498.4	5,498.6	NA

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Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Gray Reef Reservoir (Initial content: 1.2 KAF)														
Total Inflow	kaf	28.9	26.7	27.7	27.8	25.8	45.2	29.2	80.9	68.5	99.2	98.5	48.9	607.3
Total Inflow	cfs	470	449	450	452	465	735	491	1,316	1,151	1,613	1,602	822	NA
Total Release	kaf	28.3	26.7	27.7	27.8	24.9	45.2	29.2	80.9	68.5	99.2	98.5	48.9	605.8
Total Release	cfs	460	449	450	452	448	735	491	1,316	1,151	1,613	1,602	822	NA
Min reservoir rels	cfs	460	449	450	452	449	735	491	1,315	1,151	1,613	1,602	822	NA
Max reservoir rels	cfs	460	449	450	452	449	735	492	1,315	1,151	1,613	1,603	822	NA
Glendo Reservoir (Initial content: 127.2 KAF)														
Alcova-Glendo Gain	kaf	8.3	5.8	3.9	10.2	8.0	15.4	33.5	118.2	58.9	16.5	16.0	8.1	302.8
Infl from Gray Reef	kaf	28.3	26.7	27.7	27.8	24.9	45.2	29.2	80.9	68.5	99.2	98.5	48.9	605.8
Total Inflow	kaf	36.0	33.8	31.0	37.3	32.4	55.5	65.9	189.8	121.3	111.1	128.0	52.9	895.0
Total Inflow	cfs	585	568	504	607	583	903	1,107	3,087	2,039	1,807	2,082	889	NA
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	44.7	92.9	68.7	215.2	272.3	96.4	790.2
Low Flow Release	kaf	1.4	1.4	1.4	1.4	1.3	1.5	1.8	1.6	1.5	1.6	1.6	1.5	18.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Irrigation Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	16.9	29.4	7.8	56.3
Total Release	kaf	1.4	1.4	1.4	1.4	1.3	1.5	46.5	94.5	72.4	233.7	303.3	105.7	864.5
Total Release	cfs	23	24	23	23	23	24	781	1,537	1,217	3,801	4,933	1,776	NA
Evaporation	kaf	1.1	0.2	0.6	0.3	0.3	1.5	1.8	3.3	4	5	3.4	1.6	23.1
End-month content	kaf	160.8	192.9	221.9	257.5	288.3	340.8	358.4	450.4	495.3	367.7	189.0	1,34.5	NA
End-month elevation	ft	4,596.5	4,601.8	4,606.0	4,610.7	4,614.6	4,620.6	4,622.4	4,631.4	4,635.3	4,623.4	4,601.1	4,591.7	NA

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Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Guernsey Reservoir (Initial content: 3.7 KAF)														
Glendo-Guerns Gain	kaf	1.5	1.2	1.1	1.3	1.1	1.8	-3.1	10.9	6.7	0.2	-8.7	14.1	28.2
Inflow from Glendo	kaf	1.4	1.4	1.4	1.4	1.3	1.5	46.5	94.5	72.4	233.7	303.3	105.7	864.6
Total Inflow	kaf	2.9	2.6	2.6	2.7	2.4	3.4	43.4	105.3	79.1	233.9	294.7	119.8	892.8
Total Inflow	cfs	47.0	44.0	42.0	44.0	43.0	55.0	729.0	1,713.0	1,329.0	3,804.0	4,793.0	2,013.0	NA
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	34.1	61.5	46.3	29.0	61.0	41.2	273.1
Seepage	kaf	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.8
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.8	32.1	218.6	218.2	104.4	616.1
Total Release	kaf	0.2	0.1	0.1	0.1	0.1	0.1	34.2	104.3	78.4	247.6	279.2	145.6	890.0
Total Release	cfs	3.0	2.0	2.0	2.0	2.0	2.0	575.0	1,696.0	1,318.0	4,027.0	4,541.0	2,447.0	NA
Evaporation	kaf	0.1	0.0	0.1	0.0	0.0	0.3	0.4	0.7	0.6	0.5	0.9	0.4	4.0
End-month content	kaf	6.3	8.8	11.2	13.7	16.0	19.0	27.8	28.2	28.3	14.1	28.7	2.5	NA
End-month elevation	ft	4,396.3	4,399.2	4,401.3	4,403.3	4,405.0	4,406.9	4,411.8	4,412.0	4,412.1	4,403.7	4,412.3	4,389.3	NA
Physical EOM content	kaf	1,137.9	1,165.6	1,191.1	1,232.2	1,264.8	1,310.4	1,449.3	1,938.8	2,253.1	2,062.4	1,806.3	1,673.7	NA

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Table 20: North Platte WY2023 Ownership Operations

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
North Platte Pathfinder (Initial ownership: 1,55.0 KAF)														
Net Accrual	kaf	18.7	25.7	21.6	30.4	23.5	30.1	149.0	470.7	159.0	0.0	0.0	0.0	928.7
Evaporation	kaf	1.3	1.3	0.3	0.3	0.4	0.4	2.0	6.1	8.5	12.5	10.6	6.6	50.2
Deliv from Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	103.6	209.8	120.1	443.1
End-month Ownership	kaf	172.5	196.8	218.1	248.2	271.3	300.9	448.0	913.4	1,054.3	938.3	718.0	591.3	NA
North Platte Natural Flow														
Delivery Natural Flow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.1	92.6	68.8	95.7	61.2	22.0	340.6
North Platte Guernsey (Initial ownership: 0 KAF)														
Net Accrual	kaf	0.0	0.0	5.0	11.3	9.1	17.1	0.8	3.0	0.0	0.0	0.0	0.0	46.2
Evaporation/Seepage	kaf	0.0	0.0	0.0	0.0	0.1	0.4	0.4	0.8	0.7	0.4	0.0	0.0	2.9
Deliv from Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.4	0.0	0.0	43.4
End-month Ownership	kaf	0.0	0.0	4.9	16.2	25.2	41.9	42.3	44.5	43.8	0.0	0.0	0.0	NA
Inland Lakes (Initial ownership: 0 KAF)														
Net Accrual	kaf	9.7	6.9	0.0	0.0	0.0	0.0	29.6	0.0	0.0	0.0	0.0	0.0	46.1
Evaporation/Seepage	kaf	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4
Transfer from Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	34.4	11.3	0.0	0.0	0.0	0.0	45.7
End-month Ownership	kaf	9.6	16.5	16.5	16.4	16.4	16.3	11.7	0.0	0.0	0.0	0.0	0.0	NA
Kendrick (Initial ownership: 832.0 KAF)														
Net Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	168.8	1.5	0.0	11.6	181.9
Evaporation	kaf	3.3	3.8	0.6	0.7	0.9	0.9	3.4	5.3	5.6	9.3	7.8	6.0	47.6
Deliver from Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	14.1	15.9	13.3	48.9
End-month Ownership	kaf	828.7	824.9	824.2	823.5	822.7	821.7	818.3	807.5	966.8	945.2	921.6	917.6	
Glendo Unit (Initial ownership: 118.0 KAF)														
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.2	3.1	0.0	0.0	0.0	57.4
Evaporation	kaf	1.1	0.1	0.5	0.2	0.1	1.2	0.8	1.3	1.8	2.4	2.2	1.8	13.5
Deliver from Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	8.2	3.5	16.6
End-month Ownership	kaf	116.9	116.8	116.3	116.1	116.0	114.8	114.1	167.0	168.2	161.0	150.6	145.3	NA

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Re-regulation (Initial ownership: 0.0 KAF)														
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	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	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	0.0
End-month total	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	NA
City of Cheyenne (Initial ownership: 7.3 KAF)														
Inflow	kaf	0.9	0.6	0.5	1.2	1.5	1.5	0.5	0.0	1.2	1.3	0.8	1.1	11.1
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.4
Release	kaf	0.1	0.1	0.1	0.5	0.0	0.0	0.2	8.6	0.4	0.2	0.3	0.2	10.8
Ownership	kaf	8.1	8.6	9.0	9.7	11.2	12.6	12.9	4.2	5.0	6.0	6.4	7.2	NAN
Pacificorp (Initial ownership: 2 KAF)														
Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	1.1
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	0.1
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0
Ownership	kaf	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.5	2.0	NA
Other (Initial ownership: 0.1 KAF)														
Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	12.8	0.0	0.0	5.8	18.7
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.4
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.6	3.6	8.0
Ownership	kaf	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	12.9	11.0	8.2	10.4	NA

System Operations Water Year 2023

Table 21: North Platte WY2023 Irrigation Delivery Operations

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Kendrick (Casper Canal)														
Requested	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	7.9	14.1	15.9	13.3	56.8
Delivered	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	7.9	14.1	15.9	13.3	56.8
Kendrick (River)														
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	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	0.0
Guernsey Deliveries														
North Platte Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.1	92.6	78.4	242.7	271.0	142.1	827.0
Glendo Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	8.2	3.5	16.6
Inland Lakes Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	34.1	11.7	0.0	0.0	0.0	0.0	45.8
Total Requirement	kaf	0.0	0.0	0.0	0.0	0.0	0.0	34.2	104.3	78.4	247.6	279.2	145.6	889.4
Seepage	kaf	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Actual Release	kaf	0.2	0.1	0.1	0.1	0.1	0.1	34.2	104.3	78.4	247.6	279.2	145.6	890.0

* North Platte Required Deliveries includes Decree Natural Flow Requirements

Table 22: North Platte WY2023 Power Operations

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Seminole Power Plant														
Turbine Release	kaf	11.2	31.7	32.9	32.1	29.3	31.9	105.9	171.0	163.8	139.7	95.9	68.3	913.7
Bypass	kaf	22.1	0.4	0.0	0.7	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.0	24.0
Maximum generation	gwh	1.7	4.8	29.0	4.9	26.8	28.6	16.0	27.7	28.5	33.2	33.5	32.4	267.0
Actual generation	gwh	0.9	3.8	3.9	4.1	3.9	4.2	15.7	26.1	26.9	22.8	14.3	9.5	136.2
Percent max generation		52.1	79.2	13.4	83.8	14.5	14.7	98.2	94.2	94.6	68.8	42.9	29.4	51.0
Average kwh/af		81.3	121.1	118.5	127.1	133.1	131.7	148.3	152.6	164.3	163.3	149.5	139.5	149.1
Kortes Power Plant														
Turbine Release	kaf	32.8	31.5	32.9	32.8	29.3	31.9	106.3	160.5	112.4	99.1	94.2	67.7	831.4
Bypass	kaf	0.5	0.6	0.0	0.0	0.0	0.0	0.0	10.7	51.4	40.7	1.6	0.6	106.1
Maximum generation	gwh	5.6	5.4	27.6	27.6	25.8	27.6	26.7	27.6	19.3	17.0	16.2	11.6	238.2
Actual generation	gwh	5.5	5.3	5.4	5.4	5.0	5.4	18.6	29.4	21.1	19.2	15.6	11.1	146.9
Percent max generation		97.1	97.1	19.5	19.7	19.4	19.6	69.6	106.5	109.4	112.6	96.3	95.0	61.7
Average kwh/af		167.1	167.0	163.2	165.9	170.6	169.3	175.0	183.2	188.0	193.5	165.7	163.4	176.7
Fremont Canyon Power Plant														
Turbine Release	kaf	0.6	21.8	23.6	23.4	20.1	41.5	45.7	83.8	71.5	110.5	110.1	58.8	611.4
Bypass	kaf	4.6	4.6	4.7	4.9	4.3	4.7	6.5	4.8	4.9	4.9	5.0	4.9	58.8
Maximum generation	gwh	2.9	40.4	41.9	42.0	39.4	42.2	41.2	43.9	43.9	46.1	46.1	44.5	474.4
Actual generation	gwh	0.2	5.7	6.3	5.8	4.8	11.2	12.8	23.9	20.7	33.1	32.7	17.2	174.4
Percent max generation		5.2	14.1	15.1	13.8	12.2	26.6	31.1	54.5	47.1	71.9	70.9	38.7	36.8
Average kwh/af		250.0	261.0	268.2	247.9	238.8	269.9	280.1	285.2	289.1	299.8	296.8	292.7	285.2
Alcova Power Plant														
Turbine Release	kaf	28.3	26.7	27.6	19.8	22.9	45.5	29.2	81.1	68.4	71.5	97.5	49.0	567.5
Bypass	kaf	0.0	0.0	0.0	8.2	1.8	0.0	0.0	0.1	0.0	27.7	1.1	0.0	38.9
Maximum generation	gwh	27.2	26.4	27.3	2.7	3.3	27.3	26.3	11.3	26.7	8.2	13.6	26.7	226.9
Actual generation	gwh	2.7	2.5	2.6	1.9	2.2	5.2	2.9	10.9	9.0	9.2	13.3	5.4	67.9
Percent max generation		9.8	9.6	9.5	72.3	67.3	19.1	11.0	96.5	33.6	112.6	97.8	20.4	29.9
Average kwh/af		94.7	95.1	94.2	97.5	96.1	114.3	99.3	134.4	131.0	128.8	136.8	110.8	119.6

System Operations Water Year 2023

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Glendo Power Plant														
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	44.7	92.9	68.7	215.2	272.3	96.4	790.2
Bypass	kaf	1.4	1.4	1.4	1.4	1.3	1.5	1.8	1.6	3.7	18.5	31.0	9.3	74.3
Maximum generation	gwh	0.0	0.0	0.0	0.0	0.0	0.0	22.7	25.1	8.1	24.1	21.7	7.5	109.1
Actual generation	gwh	0.0	0.0	0.0	0.0	0.0	0.0	3.6	8.8	6.2	21.2	21.6	7.7	69.1
Percent max generation		0.0	0.0	0.0	0.0	0.0	0.0	15.9	35.1	76.5	88.0	99.7	102.6	63.3
Average kwh/af		0.0	0.0	0.0	0.0	0.0	0.0	80.5	94.7	89.8	98.5	79.4	79.8	87.4
Guernsey Power Plant														
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	34.1	61.5	46.3	29.0	61.0	41.2	273.1
Bypass	kaf	0.2	0.1	0.1	0.1	0.1	0.1	0.1	42.8	32.1	218.6	218.2	104.4	616.9
Maximum generation	gwh	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.8	3.7	3.7	3.7	3.4	21.9
Actual generation	gwh	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.3	3.3	2.0	4.2	2.7	18.6
Percent max generation		0.0	0.0	0.0	0.0	0.0	0.0	61.4	113.3	88.7	53.1	114.1	77.4	85.0
Average kwh/af		0.0	0.0	0.0	0.0	0.0	0.0	64.5	69.9	70.4	67.6	69.0	64.3	68.0

Flood Benefits for Water Year 2023

Table 23: WY2023 Flood Benefits

DAMS	WATER YEAR 2023	PRIOR TO 2023 ¹	ACCUMULATED TOTAL ²
SEMINOE	\$0	\$103,023,400	\$103,023,400
PATHFINDER	\$0	\$36,824,300	\$36,824,300
ALCOVA	\$0	\$3,438,900	\$3,438,900
GLENDO	\$40,000	\$294,717,700	\$254,757,700
TOTAL	\$40,000	\$438,004,300	\$398,044,300

1 - This data is received from the Army Corps of Engineers Omaha District Office and is revised every October

2 - The period of assessment is 1970 through 2021 except for Glendo Dam, which is 1964 through 2021

Generation for Water Year 2023

Power generation was above average for Seminoe and Kortes due to above average inflows and redistribution of storage between the reservoirs through late summer. Due to prior two drought years, there was sufficient storage to not require passing excess flows downstream. Power generation for Fremont Canyon down to Glendo was below average due to below average irrigation demands and above average gains in WY2023. Power generation for Guernsey was average due to small powerplant capacity not fluctuating with higher flow changes in irrigation demands. See Table 24 for a breakdown of generation by powerplant during WY2023.

Table 24: WY2023 Power Generation

Powerplant	Gross generation ¹ (GWh)	Average Gross generation ² (GWh)	Percent of Average ²
Seminoe	136.2	127.5	107
Kortes	146.9	133.4	110
Fremont Canyon	174.3	214.3	81
Alcova	67.9	106.6	64
Glendo	69.1	83	83
Guernsey	18.6	17.4	107
Total Basin	613	682.2	90

1 - Generation is reported in gigawatt hours (GWh)

2 - 30-year average (1994-2023)

The number of generation units at each powerplant, their capacity, and output at rated head is shown in Table 25.

Proposed Operations for Water Year 2023

Table 25: Power Generation Capacity

Powerplant	Number of Units	Capacity Each Unit (kw)	Total ² Installed Capacity (kw)	Normal Operating Head (feet)	Output At rated Head (cfs)	30 year Average ¹ (GWh)
Seminoe	3	15,000 ³	51,750 ³	97-227	4,050	127.5
Kortes	3	12,000	36,000	192-204	2,910	133.4
Fremont Canyon	2	33,400	66,800	247-363	3,080	214.3
Alcova	2	19,500	41,400	153-165	4,100	106.6
Glendo	2	19,000	38,000	73-156	3,400	83
Guernsey	2	3,200	6,400	89-91	1,340	17.4
Total	14	---	237,200	---	---	682.2

¹ 1994-2023

² Installed capacity from Monthly Report of Power Operations-Powerplant (Form PO&M 59)

³ A Mechanical restriction allows a 42,000-kw generation, 12,000 kws per unit

Proposed Operations for Water Year 2024

Three operation studies were developed for the System to establish an AOP for WY2024. 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 reasonable expected inflow estimates. The reasonable expected inflow is based on long-term averages and approximates a 50 percent chance of occurrence. The three studies for WY2024 are summarized numerically in Tables 27 through 38.

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 Reservoir and Gray Reef Reservoir) was 1,673,710 AF at the beginning of the WY2024. This amount was 112 percent of the 30-year average (1994-2023) and 59 percent of active conservation capacity.

Seminole Reservoir

Most Probable Condition – 2024

October through March

Seminole Reservoir has a storage of 684,100 AF at the beginning of WY2024, 111 percent of the 30-year average and 67 percent of active conservation capacity. Planned turbine releases from Seminole Reservoir are approximately 530 cfs for October through March. Reservoir storage would decrease to about 638,200 AF by March 31, 2024. The releases are based on an estimated Seminole inflow for the October through March period of 136,600 AF. The planned Seminole and Kortes release of 530 cfs for October through March is required to maintain a minimum flow of at least 500 cfs in the Miracle Mile reach of the river.

April through September

Planned releases increase to 750 cfs in April then 2,000 cfs in May, reducing to 1,700 in June and 900 in July. Planned releases decrease to approximately 800 cfs in August then 530 cfs in September. There is no bypass expected in the most probable scenario. Seminole Reservoir storage is expected to reach a maximum of 6,335.3 AF by the end of June. Projected carryover storage of about 570,000 AF at the end of the water year would be 92 percent of average and 56 percent of active conservation capacity.

Reasonable Minimum Condition – 2024

October through March

Under these conditions planned turbine releases from Seminole Reservoir are approximately 530 cfs for October through March. A release of at least 500 cfs is required to maintain the minimum flow in the Miracle Mile reach of the river. Under this condition, inflows are predicted to be 118,300 AF for the period Oct 2023 through March 2024, 18,300 AF less than the most probable condition. March 31 reservoir content is expected to be approximately 633,300 AF.

April through September

Seminole water releases will increase to 900 cfs in April, 2000 cfs in May through June, and 1200 cfs in July. Seminole water releases will decrease to 900 cfs in August and then 530 cfs in September. Under the minimum condition scenario, the June content will be approximately 5,133 AF and the water year will end with a content of 441,700 AF, 71 percent of average and 43 percent of active conservation capacity.

Reasonable Maximum Condition – 2024

October through March

Planned water releases for this period under a reasonable maximum inflow condition are similar to the most probable condition as water is moved downstream to generate power and make room in Seminole Reservoir for spring runoff. Although inflows to Seminole Reservoir are higher under these conditions, actual changes in winter operations are made gradually until it is evident that the inflow quantities being experienced are showing a trend towards the maximum inflows for the water year. October through March inflows under this condition would be 152,100 AF, which is 15,500 AF more than the most probable runoff condition. The reservoir content would decrease to 625,900 AF by the end of March under these conditions.

April through September

Under the maximum plan Seminole Reservoir releases could increase in April to 2,700 cfs. A release of approximately 2,700 cfs would be maintained from April through July. Releases will decrease in July to 2,400 cfs, in August to 1,900 cfs, and finally to the minimum flow and winter release rate of 530 cfs in September. Inflows for the April through July period could be approximately 990,000 AF, which is 650,000 AF more than the most probable runoff condition forecast. Seminole Reservoir will reach its maximum end of month content for the year in June and July with approximately 950,000 AF in storage. This plan of operation would result in an end of year carryover storage of 868,000 AF, 140 percent of average and 85 percent of active conservation capacity.

Figure 12 depicts a comparison of Minimum, Most Probable, and Maximum Seminole Inflows. Figure 13 depicts a comparison of Minimum, Most Probable, and Maximum Seminole Storage.

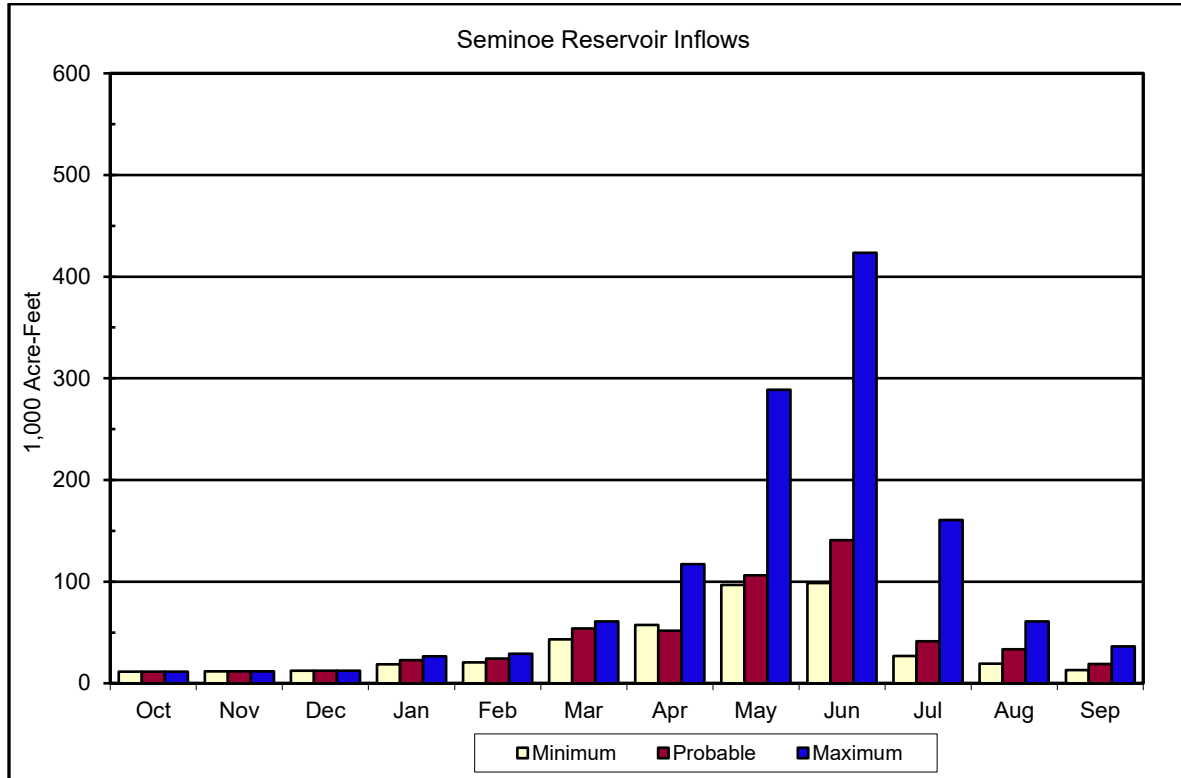


Figure 12: Seminoe Reservoir Inflow (Predicted for WY2024).

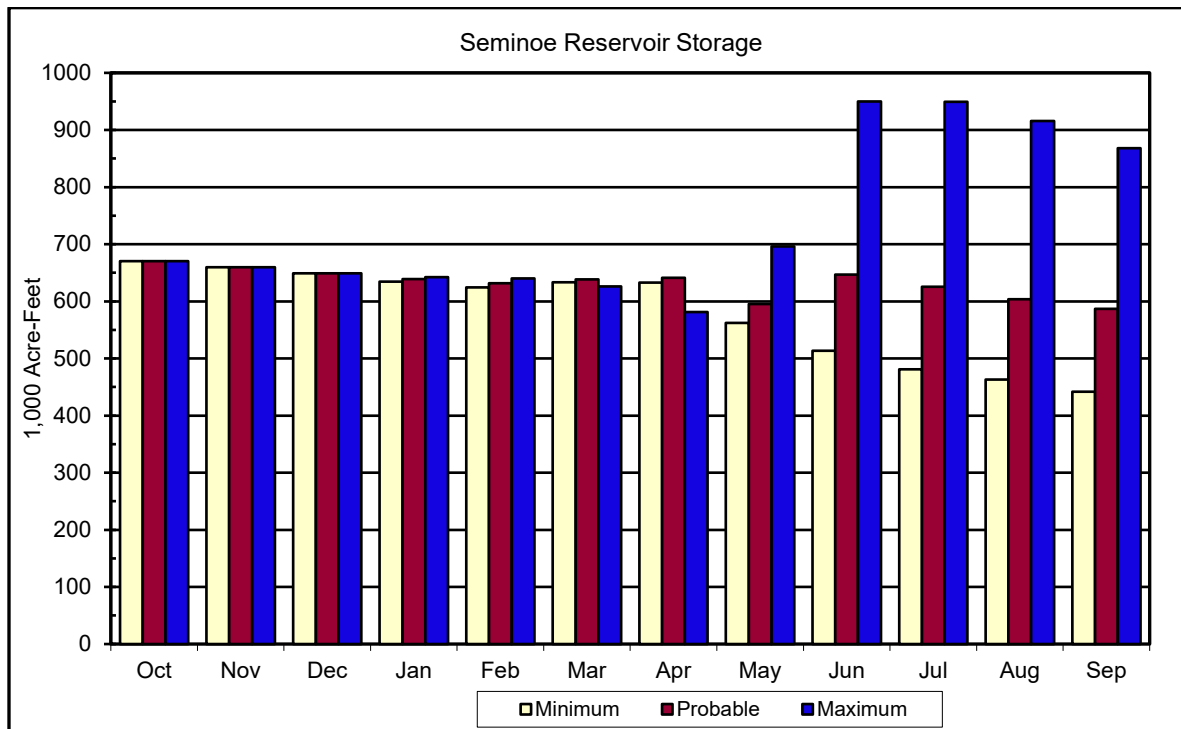


Figure 13: Seminoe Reservoir Storage (Predicted for WY2024).

Pathfinder Reservoir

Most Probable Condition – 2024

October through March

Pathfinder Reservoir had a storage of 665,600 AF at the beginning of WY2024, 121 percent of the 30-year average and 62 percent of active conservation capacity. Under this condition gains to the river between Kortes Dam and Pathfinder Dam, including the Sweetwater River, are expected to be 23,800 AF for the period. Fremont Canyon Powerplant releases will be reduced during October to allow Alcova Reservoir water surface level to be lowered to the normal winter operating level of 5,488.00. 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 AF. Pathfinder Reservoir storage is projected to be about 716,300 AF at the end of March.

April through September

Pathfinder Reservoir storage will reach a maximum content of about 748,500 AF by the end of June and be drawn down to a storage content of about 427,200 AF by the end of the water year, 78 percent of average. River gains between Kortes Dam and Pathfinder Dam, including the Sweetwater River, are estimated at about 39,900 AF for the April-July period. In April Fremont Canyon Powerplant releases will be coordinated with Alcova releases to refill Alcova Reservoir to its normal summer operating range of 5,498 +1 foot.

April through September

Fremont Canyon power releases will be scheduled to meet downstream irrigation deliveries and maintain Alcova Reservoir within the summer operating range. Pathfinder Reservoir water releases will increase in April to approximately 900 cfs, 2,000 cfs in May, 3,200 cfs in June and 3,000 cfs in July. Releases will decrease to 2,000 cfs for August and approximately 1,000 cfs in September.

Reasonable Minimum Condition - 2024

October through March

Under the reasonable minimum condition, river gains between Kortes Dam and Pathfinder Dam, including the Sweetwater River, are expected to be 18,900 AF for the period. Pathfinder Reservoir storage could decline to about 695,200 AF by the end of March. Fremont Canyon Powerplant releases for the period will be scheduled to maintain the Alcova Reservoir content between 153,800 and 158,300 AF.

April through September

River gains between Kortes Dam and Pathfinder Dam, including the Sweetwater River, are estimated at about 29,700 AF 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 range of 5,498 ft +/- 1 foot by the end of April.

April through September

Fremont Canyon power releases will be scheduled to meet downstream irrigation deliveries and maintain a storage content of approximately 179,400 AF in Alcova Reservoir. The highest Pathfinder Reservoir summer releases could be approximately 3,250 cfs, during June and July, and then reduced as irrigation demands drop off to end the water year at approximately 530 cfs during September. If reasonable minimum runoff develops, Pathfinder reservoir content at the end of the water year will be about 329,300 AF, which would be 60 percent of average and 31 percent of active conservation capacity.

Reasonable Maximum Condition - 2024

October through March

Under the reasonable maximum condition, river gains between Kortes Dam and Pathfinder Dam are expected to be 22,800 AF for the period. Pathfinder Reservoir content increases through this period to 753,400 AF by the end of March.

April through September

In April, water releases from Fremont Canyon Powerplant will be increased as Alcova Reservoir is refilled to water surface elevation 5,498 + 1 foot. The rate of release will be increased through the summer as needed to meet downstream irrigation demands. Pathfinder Reservoir would reach a maximum content of 1,070,000 AF at the end of June filling the conservation pool. To avoid too much water in Glendo, releases will be approximately 910 cfs in April, 670 cfs in May and 2,700 cfs in June. Releases will be increased to 3,000 cfs July and August. Releases will be decreased to 2,500 cfs in September. The Pathfinder Reservoir end-of-year storage content is projected to be about 870,100 AF, 158 percent of average and 81 percent of capacity.

Under all three possible inflow conditions a constant release of 75 cfs is planned from the Pathfinder Dam outlet works to provide instream flows to maintain a year-round fishery in the North Platte River below Pathfinder Reservoir. The maximum plan will require a bypass May through August from the jet flow gates below Pathfinder Dam.

Figure 14 depicts a comparison of Minimum, Most Probable, and Maximum river gains from Kortes Dam to Pathfinder Reservoir. Figure 15 depicts a comparison of Minimum, Most Probable, and Maximum Pathfinder Storage.

Proposed Operations for Water Year 2023

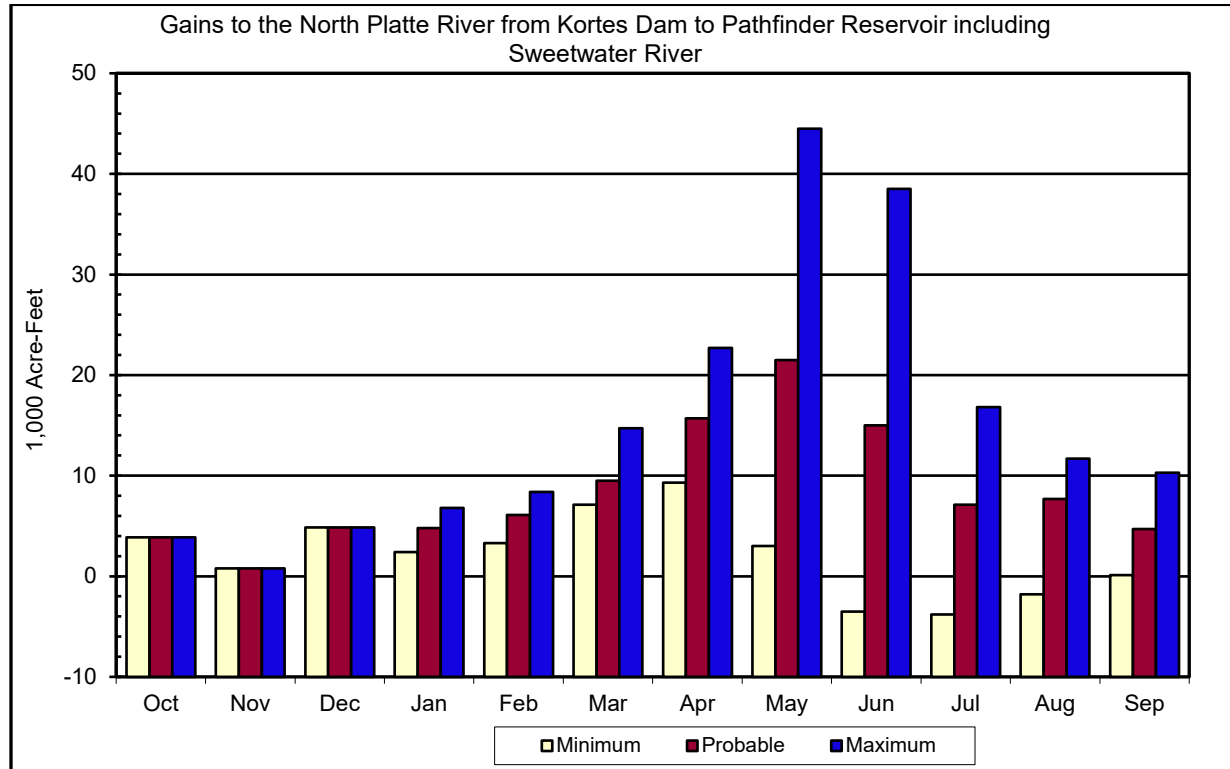


Figure 14: Gains to the North Platte River from Kortes Dam to Pathfinder Reservoir (Predicted for WY2024).

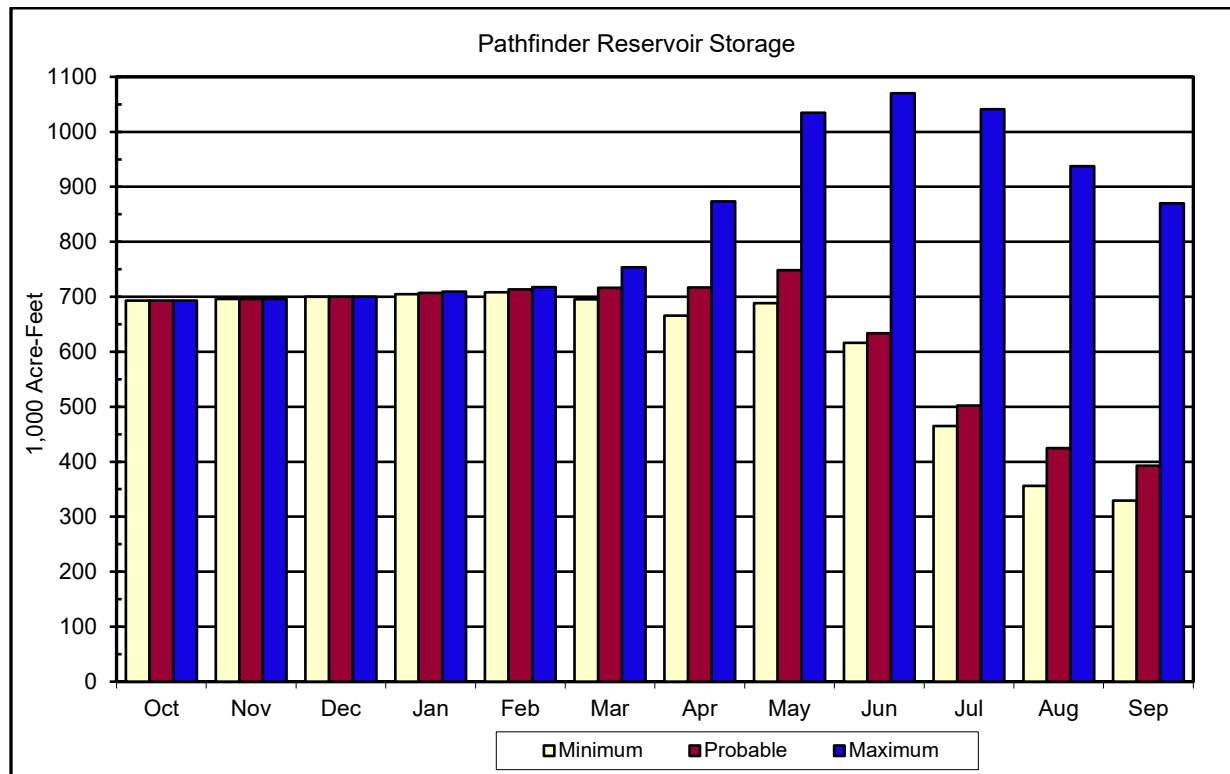


Figure 15: Pathfinder Reservoir Storage (Predicted for WY2024).

Alcova Reservoir

Most Probable Condition - 2024

October through March

During this period, Alcova Reservoir will be drawn down to the winter operating level of 5,488.0 +/- 1 foot. On October 1 the release from Pathfinder will be decreased while maintaining the winter release of 500 cfs from Alcova to lower the Alcova operating level to 5,488 feet by October 31. The winter releases will be used 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. Provisions have been made in the plan to increase the releases from Alcova during March for a flushing flow below Gray Reef Reservoir. March releases will be approximately 49,200 AF and April releases will be approximately 26,800 AF.

April through September

During April the reservoir will be refilled to water surface elevation 5,498 feet (179,400 AF). 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. Approximately 65,900 AF of water is scheduled to be delivered from Casper Canal during the May-September period to meet Kendrick Project irrigation requirements. May through September releases to the river from Alcova Reservoir will total approximately 634,400 AF which will be reregulated in Gray Reef Reservoir to meet downstream irrigation demand.

Reasonable Minimum Condition - 2024

May through September

Operation of Alcova Reservoir would be the same as under the most probable condition with about 65,900 AF of water scheduled to be delivered during the May-September period to meet Kendrick Project irrigation requirements. May through September releases to the North Platte River from Alcova Reservoir will total approximately 637,600 AF. Water released from Alcova Reservoir will be reregulated in Gray Reef Reservoir.

Reasonable Maximum Condition - 2024

May through September

Operation of Alcova Reservoir would be the same as under the most probable condition with about 65,900 AF of water scheduled to be delivered during the May through September period to meet Kendrick Project irrigation requirements. May through September releases to the North Platte River from Alcova Reservoir will total approximately 643,300 AF. Figure 16 depicts a comparison of Minimum, Most Probable, and Maximum Alcova Storage.

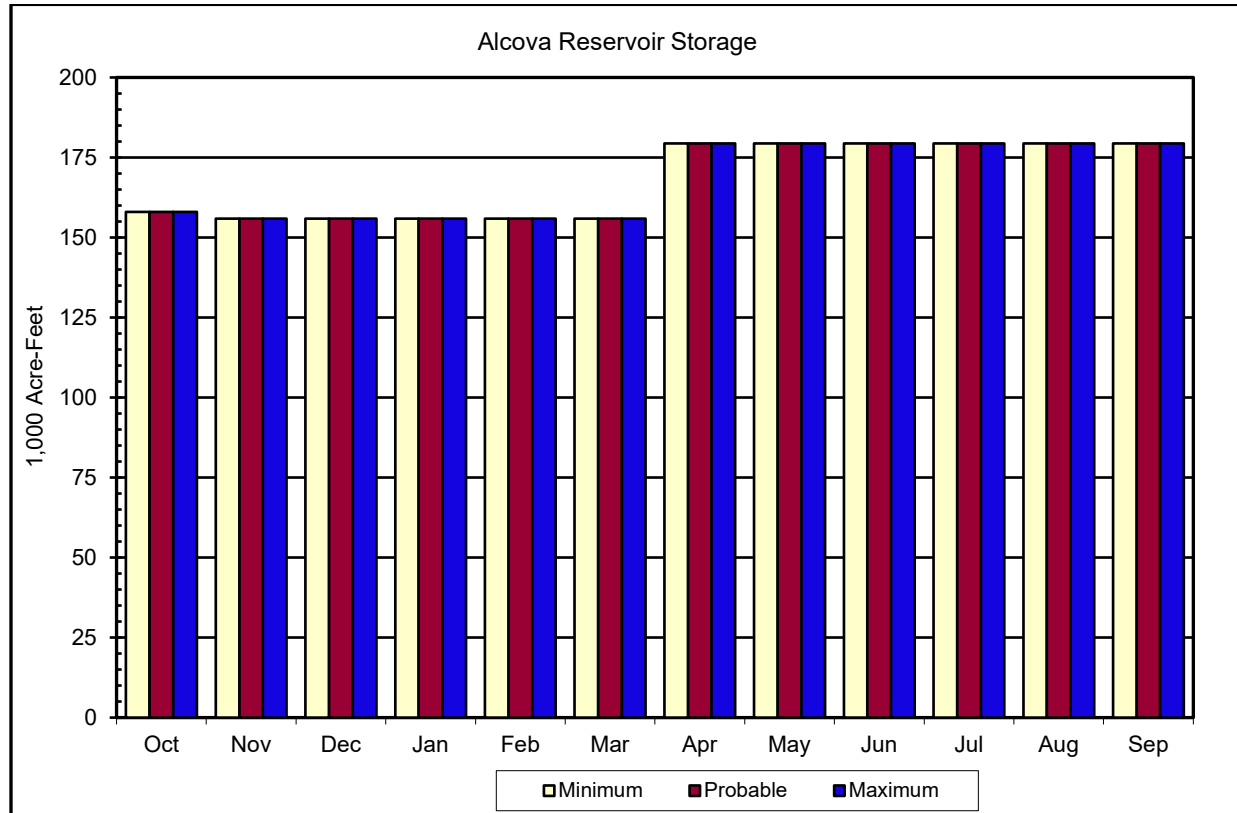


Figure 16: Alcova Reservoir Storage (Predicted for WY2024).

Gray Reef Reservoir

Most Probable Condition - 2024

October through March

October 1 the release from Gray Reef Reservoir will be winter operating flow of 500 cfs through March. A flushing flow is planned below Gray Reef Dam during March.

April through September

Releases from Gray Reef Reservoir will be maintained at the winter flow rate of 500 cfs for April, increase to 1,900 cfs in May, increase to 3,200 cfs in June, 2,700 cfs in July, 1,800 cfs in August, and then decrease to 900 cfs in September.

Reasonable Minimum Condition - 2024

October through March

Operation of Gray Reef Reservoir winter releases will be the same as under the most probable condition through March.

April through September

Releases will increase to 1,000 cfs in April, 2,000 cfs in May, 3,100 cfs in June, and then decrease to 2,800 cfs in July, 1,900 cfs in August, and 700 cfs in September.

Reasonable Maximum Condition - 2024

October through March

Operation of Gray Reef Reservoir winter releases will be the same as under the most probable condition through March.

April through September

Releases from Gray Reef Reservoir will maintain winter flow rate of 500 cfs for April and May to prevent Glendo Reservoir from entering the flood pool. Releases will increase to approximately 2,600 cfs in June, July, and August, and then decrease to 2,300 cfs in September.

Glendo and Guernsey Reservoirs

Most Probable Condition - 2024

October through March

Glendo Reservoir had a storage of 134,500 AF at the beginning of WY2024, 99 percent of average and 27 percent of active conservation capacity of 492,022 AF. Glendo Reservoir storage will increase to approximately 399,100 AF by the end of March, 103 percent of average and 81 percent of active conservation capacity.

Guernsey Reservoir had storage of 2,460 AF at the beginning of WY2024, 56 percent of average and five percent of active conservation capacity. Natural inflow will be stored during the winter which is expected to increase storage to 18,300 AF by end of March.

April through September

During April, releases from Glendo Reservoir will be scheduled to refill Guernsey Reservoir. Maximum Glendo Reservoir storage will be about 470,000 AF by the end of June. Releases will be made from Glendo Reservoir during the May through September period to meet irrigation demand.

Guernsey Reservoir content will be maintained near 28,000 AF by the beginning of May through August sans the July silt run. The silt run in July generally runs two weeks and will require close coordination of Glendo and Guernsey release schedules as Guernsey Reservoir is drawn down to about 1,000 AF entraining silts within the irrigation releases. Guernsey will be refilled to approximately 28,000 AF following the silt run while continuing to meet irrigation demand.

Each year Glendo and Guernsey storage content is prepared for winter operations by the end of September which is the end of the water season. Upstream releases in September will be made to meet irrigation requirements leaving 100,000 AF of water in Glendo Reservoir and 2,000 AF in Guernsey.

Reasonable Minimum Condition - 2024

October through March

Under the reasonable minimum inflow conditions natural inflow will be stored during the winter increasing the Guernsey Reservoir content to 18,500 AF by the end of March. Glendo Reservoir content will increase to an end-of-March content of 388,100 AF.

April through September

During April releases from Glendo Reservoir will be scheduled to refill Guernsey Reservoir. Maximum Glendo Reservoir storage will be about 470,000 AF by the end of June. Releases will be made from Glendo Reservoir during the May through September period to meet the irrigation and silt run demands.

Each year Glendo and Guernsey storage content is prepared for winter operations by the end of September which is the end of the water season. Upstream releases in September will be made to meet irrigation requirements leaving 100,000 AF of water in Glendo Reservoir and 2,000 AF in Guernsey.

Reasonable Maximum Condition - 2024

October through March

Natural inflow will be stored during the winter increasing Guernsey Reservoir content to 19,100 AF by the end of March. Glendo Reservoir content is expected to end March with a content of 409,200 AF.

April through September

During April releases from Glendo Reservoir will be scheduled to refill Guernsey Reservoir. Maximum Glendo Reservoir storage will be about 492,000 AF by the end of June. Releases will be made from Glendo Reservoir during the May through September period to meet irrigation and silt run demands.

Each year Glendo and Guernsey storage content is prepared for winter operations by the end of September which is the end of the water season. Upstream releases in September will be made to meet irrigation requirements leaving 100,000 AF of water in Glendo Reservoir and 2,000 AF in Guernsey.

Figure 17 depicts a comparison of minimum, most probable, and maximum river gains from Alcova Dam to Glendo Reservoir. Figure 18 depicts a comparison of minimum, most probable, and maximum river gains impact on Glendo Reservoir Storage.

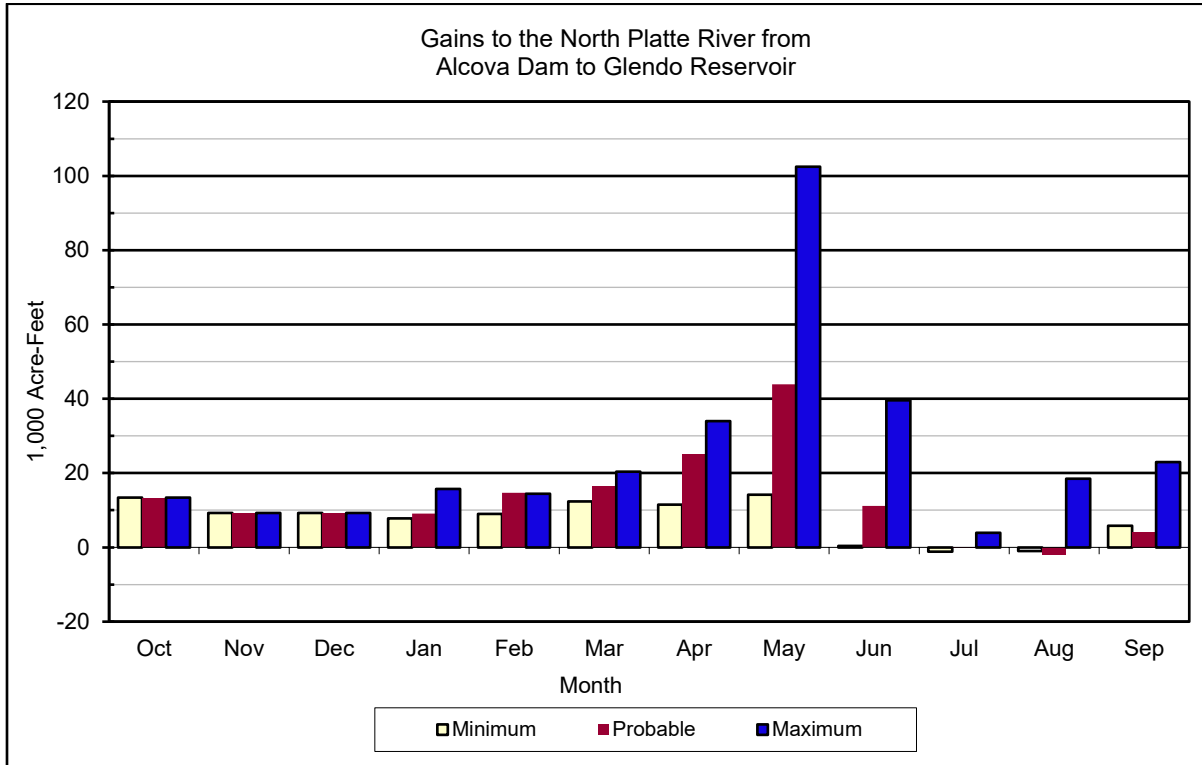


Figure 17: Gains to North Platte River from Alcova Dam to Glendo Reservoir (Predicted for WY2024).

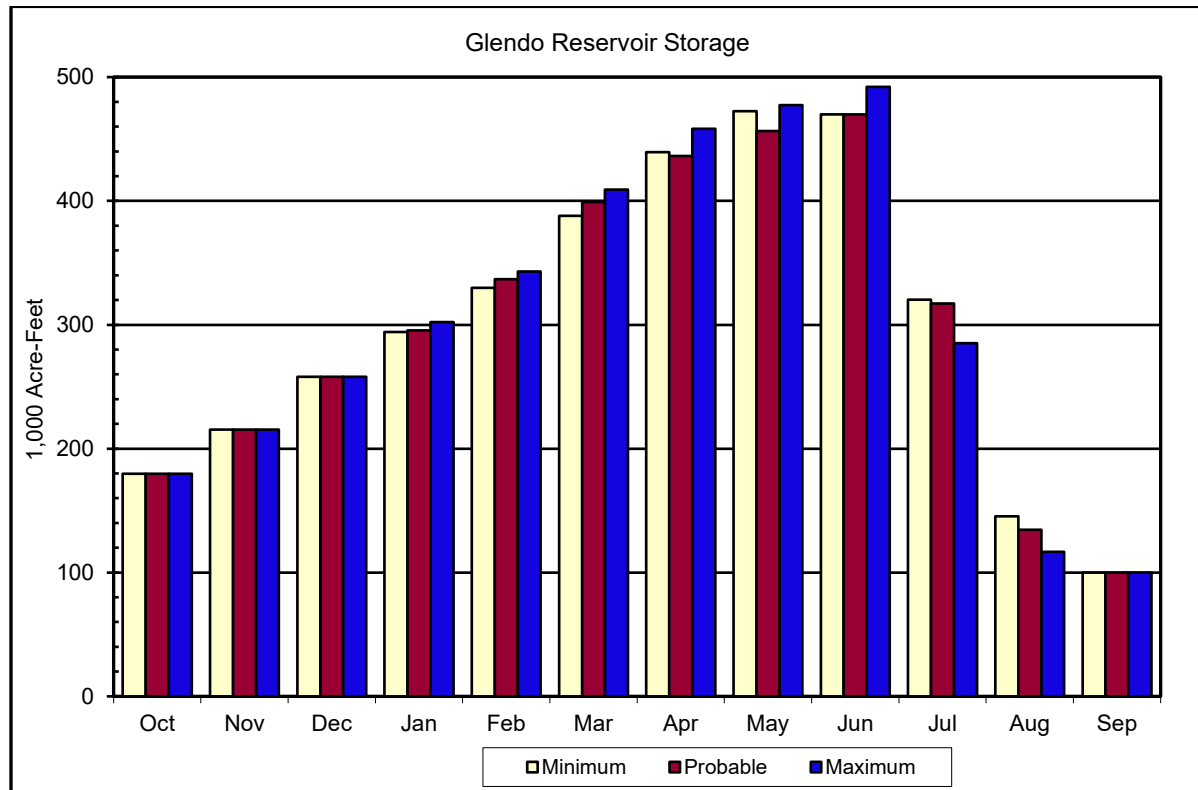


Figure 18: Glendo Reservoir Storage (Predicted for WY2024).

Ownerships

Most Probable Condition - 2024

Stored water held in active conservation capacity accounts for various entities is referred to as their ownership. At the close of WY2024 the North Platte Project storage ownership is expected to be 336,500 AF (76 percent of average). The Kendrick Project storage ownership is expected to be 775,100 AF (86 percent of average). Glendo storage ownership is expected to be 133,600 AF (102 percent of average).

Reasonable Minimum Condition - 2024

The North Platte Project storage ownership could be 138,200 AF (32 percent of average) at the close of WY2024. The Kendrick Project storage ownership could be near 781,300 AF (86 percent of average). Glendo storage ownership is expected to be 116,900 AF (90 percent of average).

Reasonable Maximum Condition - 2024

The North Platte Project storage ownership could be 714,500 AF (162 percent of average) at the close of WY2024. The Kendrick Project storage ownership could be near 1,137,700 AF (126 percent of average). Glendo storage ownership could be 151,200 AF (116 percent of average).

Under reasonable maximum inflow conditions all storage water ownerships, in the North Platte River system, will fill during the WY2024.

Figure 19 depicts a comparison of Minimum, Most Probable, and Maximum, Kendrick, North Platte Project, and Glendo Project Ownerships at the end of WY2024.

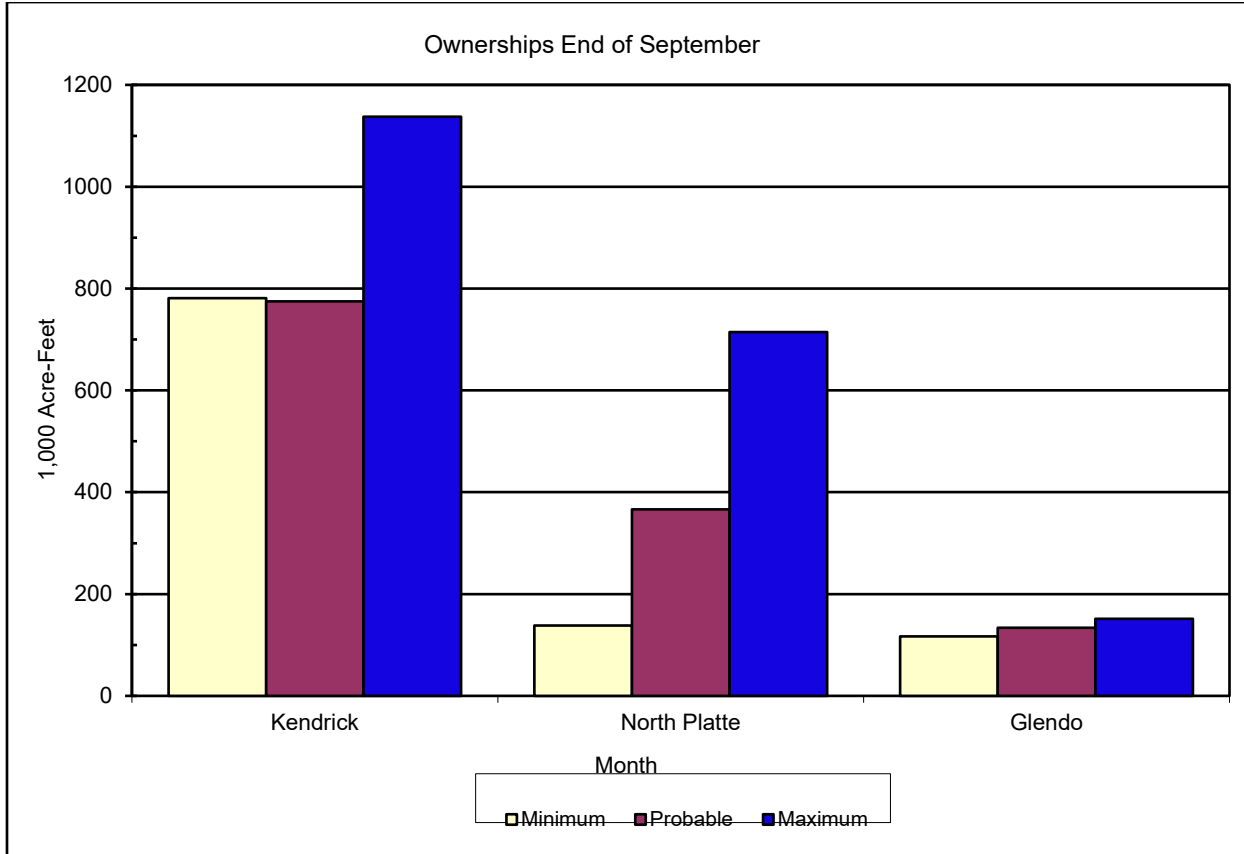


Figure 19: Ownerships at the End of September (Predicted for WY2024).

Most Probable Generation Water Year 2024

The most probable power generation breakdown for each powerplant.

Table 26: WY2024 Most Probable Generation

Powerplant	Gross generation ¹ (GWh)	Percent of Average ²
Seminole	98.431	79
Kortes	105.148	79
Fremont Canyon	224.716	104
Alcova	115.117	111
Glendo	85.93	104
Guernsey	19.108	110
Total Basin	648.45	95

Proposed Operations for Water Year 2023

Powerplant generation predicted for the most probable inflow scenario

1 - Gross generation is based on October 1, 2023, storage, and most probable inflow. Gross generation is reported in giga-watt hours (GWh).

2 - 30-year average (1994-2023)

The Facilities Management Division creates a schedule of maintenance for all generating units. See Table 27 for the maintenance schedule for WY2024.

Table 27: Proposed Generating Unit Maintenance Schedule (October 2023 through September 2024)

Facility and Unit No.	Scheduled Period	Description of Work
Glendo unit 2	Oct. 24, 2023 to Jan. 01, 2024	C&T
Alcova all units	Nov. 06, 2023	Exercising Alcova Gates
Kortes all units	Nov. 13, 2023	Plant Maintenance
Fremont Canyon all units	Nov. 28,2023 to Nov. 29,2023	Plant Maintenance
Alcova all units	Jan. 11, 2024 to Jan. 25, 2024	Plant Penstock Maintenance
Kortes unit 2	Jan. 22, 2024	C&T
Alcova unit 2	Jan. 25, 2024 to Feb. 2, 2024	Line Testing COP
Alcova unit 2	Feb. 28, 2024 to Mar. 21, 2024	Line Testing C&T
Kortes all units	Mar. 18, 2024	Plant Maintenance
Glendo all units	Apr. 15, 2024 to Apr. 17, 2024	Heat Run
Guernsey all units	Apr. 22, 2024 Apr. 24, 2024	Heat Run
Guernsey all units	Jul. 15, 2024 to Jul. 31, 2024	Silt Run

Appendix A: Operating Plans for Water Year 2024

The following stated plans are based on WY2024 Annual Operating Plans published Oct 2023.

Table 28: WY2024 Hydrologic Operating Plan for the Most Probable Inflow Scenario (460.0 KAF April – July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Seminole Reservoir (Initial content: 684.1 KAF)														
Total Inflow	kaf	29.8	28.1	24.5	22.8	24.2	54	114.2	235	311.7	91.9	33.5	18.9	988.6
Total Inflow	cfs	485	472	398	371	421	878	1,919	3,822	5,238	1,495	545	318	NA
Turbine Release	kaf	33	31.8	32.9	32.9	43.1	46.1	67.4	159.9	154.7	159.8	86.1	63.4	911.1
Jet flow Release	kaf	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
Total Release	kaf	33	31.8	32.9	32.9	43.1	46.1	67.4	159.9	154.7	159.8	86.1	63.4	911.1
Total Release	cfs	537	534	535	535	749	750	1,133	2,601	2,600	2,599	1,400	1,065	NA
Evaporation	kaf	4	2.1	1.2	1.2	1.2	2.4	4.7	4.9	8.8	10.1	8.1	5.7	54.4
End-month content	kaf	677.6	674.3	665.4	654.6	635.1	641.4	683.8	750.6	899.9	822.5	762.5	713	NA
End-month elevation	ft	6,337.5	6,337.2	6,336.6	6,335.9	6,334.5	6,334.9	6,337.9	6,342.2	6,350.9	6,346.6	6,343	6,339.8	NA
Kortes Reservoir (Initial content: 4.7 KAF)														
Total Inflow	kaf	33	31.8	32.9	32.9	43.1	46.1	67.4	159.9	154.7	159.8	86.1	63.4	911.1
Total Inflow	cfs	537	534	535	535	749	750	1,133	2,601	2,600	2,599	1,400	1,065	NA
Turbine Release	kaf	32.9	31.8	32.9	32.9	43.1	46.1	67.4	159.9	154.7	159.8	86.1	63.4	911
Spillway Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Release	kaf	32.9	31.8	32.9	32.9	43.1	46.1	67.4	159.9	154.7	159.8	86.1	63.4	911
Total Release	cfs	535	534	535	535	749	750	1,133	2,601	2,600	2,599	1,400	1,065	NA
Min reservoir rels	cfs	530	530	530	530	530	750	750	2,600	2,600	2,000	1,400	1,066	NA

Appendix A – Operating Plans for Water Year 2023

Max reservoir rels	cfs	535	535	535	535	750	750	1,990	2,600	2,600	2,600	1,950	1,065	NA
Pathfinder Reservoir (Initial content: 665.6 KAF)														
Sweetwater Inflow	kaf	3.2	3.5	3.6	3.7	3.8	5	12.2	17.2	15.6	4.7	1.9	1.2	75.6
Kortes-Path Gain	kaf	1.2	-0.2	0.7	1.1	2.3	4.5	5.9	7.7	2.5	3.3	5.8	3.5	38.3
Inflow from Kortes	kaf	32.9	31.8	32.9	32.9	43.1	46.1	67.4	159.9	154.7	159.8	86.1	63.4	911
Total Inflow	kaf	37.3	35.1	37.2	37.7	49.2	55.6	85.5	184.8	172.8	167.8	93.8	68.1	1,024.9
Total Inflow	cfs	607	590	605	613	855	904	1,437	3,005	2,904	2,729	1,526	1,144	NA
Turbine Release	kaf	1.6	25.6	26.3	26.3	24.7	45	49.6	78.9	116.9	169.1	169.1	100	833.1
Jet flow Release	kaf	4.6	4.5	4.6	4.6	4.3	4.6	4.5	4.6	4.5	16.6	12.2	4.5	74.1
Spillway Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Release	kaf	6.2	30.1	30.9	30.9	29	49.6	54.1	83.5	121.4	185.7	181.3	104.5	907.2
Total Release	cfs	101	506	503	503	504	807	909	1,358	2,040	3,020	2,949	1,756	NA
Evaporation	kaf	4.7	2.5	1.5	1.5	1.4	3	5.7	7.4	11.6	12.9	10.9	7.7	70.8
End-month content	kaf	692	694.5	699.3	704.6	723.4	726.4	752.1	846	885.8	855	756.6	712.5	NA
End-month elevation	ft	5,833.3	5,833.5	5,833.8	5,834.1	5,835.2	5,835.4	5,836.8	5,841.9	5,843.9	5,842.3	5,837.1	5,834.6	NA
Jet flow Release	cfs	75	76	75	75	75	75	76	75	76	270	198	76	NA
Min Release	cfs	75	75	75	75	75	75	75	75	75	75	75	75	NA

Appendix A – Operating Plans for Water Year 2023

Alcova Reservoir (Initial content: 180.8 KAF)														
Total Inflow	kaf	6.2	30.1	30.9	30.9	29	49.6	54.1	83.5	121.4	185.7	181.3	104.5	907.2
Total Inflow	cfs	101	506	503	503	504	807	909	1,358	2,040	3,020	2,949	1,756	NA
Turbine Release	kaf	30.4	29.8	30.7	30.7	28.8	49.2	29.8	73	106.7	165.8	164.4	94.1	833.4
Spillway Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Casper Canal Release	kaf	0	0	0	0	0	0	0	9.5	13.3	18.3	15.5	9.3	65.9
Total Release	kaf	30.4	29.8	30.7	30.7	28.8	49.2	29.8	82.5	120	184.1	179.9	103.4	899.3
Total Release	cfs	494	501	499	499	501	800	501	1,342	2,017	2,994	2,926	1,738	NA
Evaporation	kaf	0.7	0.3	0.2	0.2	0.2	0.4	0.8	1	1.4	1.6	1.4	1.1	9.3
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	NA
End-month elevation	ft	5,487.9	5,487.9	5,487.9	5,487.9	5,487.9	5,487.9	5,498	5,498	5,498	5,498	5,498	5,498	NA
Gray Reef Reservoir (Initial content: 1.4 KAF)														
Total Inflow	kaf	30.4	29.8	30.7	30.7	28.8	49.2	29.8	73	106.7	165.8	164.4	94.1	833.4
Total Inflow	cfs	494	501	499	499	501	800	501	1,187	1,793	2,696	2,674	1,581	NA
Total Release	kaf	30.7	29.8	30.7	30.7	28.8	49.2	29.8	73	106.6	165.7	164.3	94	833.3
Total Release	cfs	499	501	499	499	501	800	501	1,187	1,791	2,695	2,672	1,580	NA
Min reservoir rels	cfs	500	500	500	500	500	800	500	450	550	2,650	2,650	1,579	NA
Max reservoir rels	cfs	500	500	500	500	500	800	500	1,900	2,700	2,700	2,700	1,579	NA

Appendix A – Operating Plans for Water Year 2023

Glendo Reservoir (Initial content: 134.5 KAF)														
Alcova-Glendo Gain	kaf	9.2	9.9	7.3	9.1	14.7	16.6	41.4	72	18.4	-0.1	-1.9	4.3	200.9
Infl from Gray Reef	kaf	30.7	29.8	30.7	30.7	28.8	49.2	29.8	71.6	105.2	164.3	162.9	92.6	826.3
Total Inflow	kaf	39.9	39.7	38	39.8	43.5	65.8	71.2	145	125	165.6	162.4	98.3	1,034.2
Total Inflow	cfs	649	667	618	647	756	1,070	1,197	2,358	2,101	2,693	2,641	1,652	NA
Turbine Release	kaf	0	0	0	0	0	0	37.4	83	115.4	228.7	221.4	165.5	851.4
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	17.9
Spillway Release	kaf	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	76.1	82.5	0	158.6
Total Release	kaf	1.5	1.5	1.5	1.5	1.4	1.5	38.9	84.5	116.9	306.3	305.4	167	1,027.9
Total Release	cfs	24	25	24	24	24	24	654	1,374	1,965	4,981	4,967	2,807	NA
Evaporation	kaf	1.2	0.8	0.7	0.7	0.8	1.7	3.1	4.7	6.7	6.7	4.4	2.2	33.7
End-month content	kaf	171.7	209.1	244.9	282.5	323.8	386.4	415.6	470	470	321.2	172.4	100.1	NA
End-month elevation	ft	4,598.4	4,604.2	4,609.1	4,613.9	4,618.7	4,625.3	4,628.2	4,633.1	4,633.1	4,618.4	4,598.5	4,584.1	NA

Appendix A – Operating Plans for Water Year 2023

Guernsey Reservoir (Initial content: 2.5 KAF)														
Glendo-Guernsey Gain	kaf	3	1.9	1.7	1.4	1	0.8	5.4	7.7	3.7	1.7	-0.5	5.9	33.7
Inflow from Glendo	kaf	1.5	1.5	1.5	1.5	1.4	1.5	38.9	84.5	116.9	306.3	305.4	167	1,027.9
Total Inflow	kaf	4.5	3.4	3.2	2.9	2.4	2.3	44.3	92.2	120.6	308	304.9	172.9	1,061.6
Total Inflow	cfs	73	57	52	47	42	37	744	1,499	2,027	5,009	4,959	2,906	NA
Turbine Release	kaf	0	0	0	0	0	0	33.8	53.6	51.8	53.6	53.6	55.8	302.2
Seepage	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	1.2	3	3.1	2.5	0.3	12.1
Spillway Release	kaf	0	0	0	0	0	0	0	36.6	64.8	250.2	247.9	142.3	741.8
Total Release	kaf	0.3	0.2	0.3	0.3	0.2	0.3	34.2	91.4	119.6	306.9	304	198.4	1,056.1
Total Release	cfs	5	3	5	5	3	5	575	1,486	2,010	4,991	4,944	3,334	NA
Evaporation	kaf	0.1	0.2	0.2	0.2	0.2	0.3	0.5	0.8	1	1.1	0.9	0.5	6
End-month content	kaf	6.6	9.6	12.3	14.7	16.7	18.4	28	28	28	28	28	2	NA
End-month elevation	ft	4,396.7	4,399.9	4,402.3	4,404.1	4,405.5	4,406.6	4,411.9	4,411.9	4,411.9	4,411.9	4,411.9	4,388	NA
North Platte River System of Dams (Initial content: 1,673.7 KAF)														
Physical End-month Content	kaf	1,709.7	1,749.3	1,783.7	1,818.2	1,860.8	1,934.4	2,064.8	2,279.9	2,469	2,212	1,904.8	1,712.9	NA

Appendix A – Operating Plans for Water Year 2023

Table 29: WY2024 Ownership Operating Plan for the Most Probable Inflow Scenario (460.0 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
North Platte Pathfinder (Initial ownership: 591.0 KAF)														
Net Accrual	kaf	30.4	29.2	27.4	26.1	28.8	60.4	126.2	150.5	0	0	0	0	479
Evaporation	kaf	3.8	2.2	1.4	1.5	1.5	3.1	6.1	8.4	13.9	13.9	10.4	5.6	71.8
Deliver from Ownership	kaf	0	0	0	0	0	0	0	0	0	152	260.2	160.6	572.8
End-month Ownership	kaf	621.4	650.6	678	704.1	732.9	793.3	919.5	1,070	1,056.1	890.2	619.6	453.4	NA
North Platte Guernsey (Initial ownership: 0 KAF)														
Net Accrual	kaf	0	0	8.7	10.2	15.5	11.2	0	0	0	0	0	0	45.6
Evaporation/ Seepage	kaf	0	0	0.3	0.3	0.2	0.4	0.3	0.4	0.6	0.6	0	0	3.1
Deliver from Ownership	kaf	0	0	0	0	0	0	0	0	0	43.7	0	0	43.7
End-month Ownership	kaf	0	0	8.7	18.9	34.4	45.6	45.3	44.9	44.3	0	0	0	NA
Inland Lakes (Initial ownership: 0 KAF)														
Net Accrual	kaf	11.9	11.6	0	0	0	0	22.5	0	0	0	0	0	46
Evaporation/ Seepage	kaf	0.3	0.2	0.1	0.1	0	0.1	0.2	0.1	0	0	0	0	1.1
Transfer from Ownership	kaf	0	0	0	0	0	0	34.2	11.4	0	0	0	0	45.6
End-month Ownership	kaf	11.9	23.5	23.4	23.3	23.3	23.2	11.5	0	0	0	0	0	NA

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Kendrick (Initial ownership: 917.5 KAF)														
Net Accrual	kaf	0	0	0	0	0	0	0	81.7	205	0	0	0	286.7
Evaporation	kaf	5.9	3.1	2	1.9	1.9	3.8	6.9	8.1	12.6	15.5	13.3	10.1	85.1
Deliv from Ownership	kaf	0	0	0	0	0	0	0	0	0	19.7	16.9	10.7	47.3
End-month Ownership	kaf	911.6	908.5	906.5	904.6	902.7	898.9	892	973.7	1,178.7	1,143.5	1,113.3	1,092.5	NA
Glendo Unit (Initial ownership: 145.5 KAF)														
Accrual	kaf	0	0	0	0	0	5.8	20.4	0	0	0	0	0	26.2
Evaporation	kaf	0.9	0.5	0.3	0.3	0.3	0.6	1.1	1.5	2.2	2.2	1.8	1.4	13.1
Deliv from Ownership	kaf	0	0	0	0	0	0	0	0	0	6	5	4	15
End-month Ownership	kaf	144.6	144.1	143.8	143.5	143.2	148.4	167.7	166.2	164	155.8	149	143.6	NA
Re-regulation (Initial ownership: 0 KAF)														
Accrual	kaf	0	0	0	0	0	0	3.7	0	0	0	0	0	3.7
Evaporation/ Seepage	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Release	kaf	0	0	0	0	0	0	0	0	0	3.7	0	0	3.7
End-month total	kaf	0	0	0	0	0	0	3.7	3.7	3.7	0	0	0	NA
City of Cheyenne (Initial ownership: 7.2 KAF)														
Inflow	kaf	0.7	2.5	0.7	0.5	0.6	0.8	0.3	0.6	2.7	1.1	0.7	0.7	11.9
Evaporation	kaf	0	0	0	0	0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.8
Release	kaf	0	0	0	0	0	0	0	4	1.6	0.5	0	0	6.1
Ownership	kaf	7.9	10.4	11.1	11.6	12.2	12.9	13.1	9.5	10.5	11	11.6	12.2	NA

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Pacificorp (Initial ownership: 2 KAF)														
Inflow	kaf	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
Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Ownership	kaf	2	2	2	2	2	2	2	2	2	2	2	2	NA
Other (Initial ownership: 10.4 KAF)														
Inflow	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Evaporation	kaf	0.1	0.1	0	0	0.1	0	0.1	0.1	0.2	0.2	0.2	0.1	1.2
Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Ownership	kaf	10.3	10.2	10.2	10.2	10.1	10.1	10	9.9	9.7	9.5	9.3	9.2	NA
North Platte River System (Initial content: 1,673.7 KAF)														
Ownership EOM Cont.	kaf	1,709.7	1,749.3	1,783.7	1,818.2	1,860.8	1,934.4	2,064.8	2,279.9	2,469	2,212	1,904.8	1,712.9	NA

Table 30: WY2024 Irrigation Operating Plan for the Most Probable Inflow Scenario (460.0 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Kendrick (Casper Canal)														
Requested	kaf	0	0	0	0	0	0	0	9.5	13.3	18.3	15.5	9.3	65.9
Delivered	kaf	0	0	0	0	0	0	0	9.5	13.3	18.3	15.5	9.3	65.9
Kendrick (River)														
Requested	kaf	0	0	0	0	0	0	0	1.4	1.4	1.4	1.4	1.4	7
Delivered	kaf	0	0	0	0	0	0	0	1.4	1.4	1.4	1.4	1.4	7
Guernsey Deliveries														
North Platte Req	kaf	0	0	0	0	0	0	0	80	117.6	300.9	299	194.4	991.9
Glendo Req	kaf	0	0	0	0	0	0	0	0	2	6	5	4	17
Inland Lakes Req	kaf	0	0	0	0	0	0	34.2	11.4	0	0	0	0	45.6
Total Requirement	kaf	0	0	0	0	0	0	34.2	91.4	119.6	306.9	304	198.4	1,054.5
Seepage	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	1.2	3	3.1	2.5	0.3	12.1
Actual Release	kaf	0.3	0.2	0.3	0.3	0.2	0.3	34.2	91.4	119.6	306.9	304	198.4	1,056.1

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Table 31: WY2024 Power Generation Operating Plan for the Most Probable Inflow Scenario (460.0 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Seminole Power Plant														
Turbine Release	kaf	33	31.8	32.9	32.9	43.1	46.1	67.4	159.9	154.7	159.8	86.1	63.4	911.1
Bypass	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum generation	gwh	33.118	31.967	32.916	32.74	30.361	32.324	31.722	33.473	32.183	32.965	33.486	32.4	389.7
Actual generation	gwh	5.536	5.319	5.494	5.484	7.119	7.606	11.253	27.183	27.072	28.125	14.969	10.806	156.0
Percent max generation		17	17	17	17	23	24	35	81	84	85	45	33	40
Average kwh/af		168	167	167	167	165	165	167	170	175	176	174	170	171
Kortes Power Plant														
Turbine Release	kaf	32.9	31.8	32.9	32.9	43.1	46.1	67.4	159.9	154.7	159.8	86.1	63.4	911
Bypass	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum generation	gwh	28.346	26.712	27.606	27.606	25.817	27.606	26.712	27.606	26.712	27.606	27.606	26.712	326.6
Actual generation	gwh	5.659	5.47	5.659	5.659	7.413	7.929	11.593	27.503	26.608	27.486	14.809	10.905	156.7
Percent max generation		20	20	20	20	29	29	43	100	100	100	54	41	48
Average kwh/af		172	172	172	172	172	172	172	172	172	172	172	172	172

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Fremont Canyon Power Plant														
Turbine Release	kaf	1.6	25.6	26.3	26.3	24.7	45	49.6	78.9	116.9	169.1	169.1	100	833.1
Bypass	kaf	4.6	4.5	4.6	4.6	4.3	4.6	4.5	4.6	4.5	16.6	12.2	4.5	74.1
Maximum generation	gwh	46.086	44.713	46.249	46.295	43.412	46.502	45.114	47.17	45.69	47.229	47.183	45.073	550.716
Actual generation	gwh	0.436	6.997	7.193	7.2	6.778	12.375	13.678	22.009	32.648	47.229	47.183	27.551	231.277
Percent max generation		1	16	16	16	16	27	30	47	71	100	100	61	42
Average kwh/af		273	273	273	274	274	275	276	279	279	279	279	276	278
Alcova Power Plant														
Turbine Release	kaf	30.4	29.8	30.7	30.7	28.8	49.2	29.8	73	106.7	165.8	164.4	94.1	833.4
Bypass	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum generation	gwh	27.182	26.588	27.472	27.472	25.704	27.472	26.275	27.552	26.656	27.552	27.552	26.656	324.133
Actual generation	gwh	4.199	4.053	4.175	4.175	3.917	6.691	4.112	10.22	14.938	23.212	23.016	13.174	115.882
Percent max generation		15	15	15	15	15	24	16	37	56	84	84	49	36
Average kwh/af		138	136	136	136	136	136	138	140	140	140	140	140	139

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Glendo Power Plant														
Turbine Release	kaf	0	0	0	0	0	0	37.4	83	115.4	228.7	221.4	165.5	851.4
Bypass	kaf	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	77.6	84	1.5	176.5
Maximum generation	gwh	0	0	0	0	0	0	23.934	25.94	25.877	24.572	20.196	14.187	134.706
Actual generation	gwh	0	0	0	0	0	0	4.034	9.221	13.063	24.572	20.196	11.515	82.601
Percent max generation		0	0	0	0	0	0	17	36	50	100	100	81	61
Average kwh/af		0	0	0	0	0	0	108	111	113	107	91	70	97
Guernsey Power Plant														
Turbine Release	kaf	0	0	0	0	0	0	33.8	53.6	51.8	53.6	53.6	55.8	302.2
Bypass	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	37.8	67.8	253.3	250.4	142.6	753.9
Maximum generation	gwh	0	0	0	0	0	0	3.586	3.795	3.667	3.795	3.795	3.404	22.042
Actual generation	gwh	0	0	0	0	0	0	2.296	3.795	3.667	3.795	3.795	3.404	20.752
Percent max generation		0	0	0	0	0	0	64	100	100	100	100	100	94
Average kwh/af		0	0	0	0	0	0	68	71	71	71	71	61	69

Table 32: WY2024 Hydrologic Operating Plan for the Minimum Probable Inflow Scenario (320.0 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Seminole Reservoir (Initial content: 684.1 KAF)														
Total Inflow	kaf	21.7	21.6	20.7	18.8	20.6	43.3	69.5	117.5	119.6	32.7	19.3	13.1	518.4
Total Inflow	cfs	353	363	337	306	358	704	1,168	1,911	2,010	532	314	220	NA
Turbine Release	kaf	32.7	31.5	32.6	32.6	30.5	32.6	53.6	159.9	142.7	72	51	31.5	703.2
Jet flow Release	kaf	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
Total Release	kaf	32.7	31.5	32.6	32.6	30.5	32.6	53.6	159.9	142.7	72	51	31.5	703.2
Total Release	cfs	532	529	530	530	530	530	901	2,601	2,398	1,171	829	529	NA
Evaporation	kaf	4	2.1	1.2	1	1.2	2.4	4.6	4.3	6.6	7	5.6	4	44
End-month content	kaf	669.8	660.3	647.9	633.6	623.1	632.2	643.8	593.7	565.1	519.4	482.8	461.1	NA
End-month elevation	ft	6,336.9	6,336.3	6,335.4	6,334.4	6,333.6	6,334.3	6,335.1	6,331.4	6,329.2	6,325.5	6,322.3	6,320.3	NA
Kortes Reservoir (Initial content: 4.7 KAF)														
Total Inflow	kaf	32.7	31.5	32.6	32.6	30.5	32.6	53.6	159.9	142.7	72	51	31.5	703.2
Total Inflow	cfs	532	529	530	530	530	530	901	2,601	2,398	1,171	829	529	NA
Turbine Release	kaf	32.6	31.5	32.6	32.6	30.5	32.6	53.6	159.9	142.7	72	51	31.5	703.1
Spillway Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Release	kaf	32.6	31.5	32.6	32.6	30.5	32.6	53.6	159.9	142.7	72	51	31.5	703.1
Total Release	cfs	530	529	530	530	530	530	901	2,601	2,398	1,171	829	529	NA
Min reservoir rels	cfs	530	530	530	530	530	529	529	529	529	864	530	530	NA
Max reservoir rels	cfs	530	530	530	530	530	530	900	2,600	2,400	1,900	900	530	NA

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Pathfinder Reservoir (Initial content: 665.6 KAF)														
Sweetwater Inflow	kaf	1.9	2.3	2.2	2.1	1.9	3.6	8.8	5.4	3.7	1.3	0.9	0.7	34.8
Kortes-Path Gain	kaf	-1	-1.2	-1.7	0.3	1.4	3.5	2.5	-1.2	-6.4	-4.9	-2.7	-0.6	-12
Inflow from Kortes	kaf	32.6	31.5	32.6	32.6	30.5	32.6	53.6	159.9	142.7	72	51	31.5	703.1
Total Inflow	kaf	33.5	32.6	33.1	35	33.8	39.7	64.9	164.1	140	68.4	49.2	31.6	725.9
Total Inflow	cfs	545	548	538	569	588	646	1,091	2,669	2,353	1,112	800	531	NA
Turbine Release	kaf	1.6	25.6	26.3	26.3	24.7	45	82.6	138.7	141.1	169.1	169.1	90.2	940.3
Jet flow Release	kaf	4.6	4.5	4.6	4.6	4.3	4.6	4.5	4.6	4.5	23	20	4.5	88.3
Spillway Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Release	kaf	6.2	30.1	30.9	30.9	29	49.6	87.1	143.3	145.6	192.1	189.1	94.7	1,028.6
Total Release	cfs	101	506	503	503	504	807	1,464	2,331	2,447	3,124	3,075	1,591	NA
Evaporation	kaf	4.7	2.6	1.5	1.5	1.5	2.9	5.3	6.3	9.4	9.3	6.6	3.9	55.5
End-month content	kaf	688.2	688.1	688.8	691.4	694.7	681.9	654.4	668.9	653.9	520.9	374.4	307.4	NA
End-month elevation	ft	5,833.1	5,833.1	5,833.1	5,833.3	5,833.5	5,832.7	5,831	5,831.9	5,831	5,821.7	5,808.7	5,801.2	NA
Jet flow Release	cfs	75	76	75	75	75	75	76	75	76	374	325	76	NA
Min Release	cfs	75	75	75	75	75	75	75	75	75	75	75	75	NA

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Alcova Reservoir (Initial content: 180.8 KAF)														
Total Inflow	kaf	6.2	30.1	30.9	30.9	29	49.6	87.1	143.3	145.6	192.1	189.1	94.7	1,028.6
Total Inflow	cfs	101	506	503	503	504	807	1,464	2,331	2,447	3124	3,075	1,591	NA
Turbine Release	kaf	30.4	29.8	30.7	30.7	28.8	49.2	62.8	132.8	130.9	172.2	172.2	84.3	954.8
Spillway Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Casper Canal Release	kaf	0	0	0	0	0	0	0	9.5	13.3	18.3	15.5	9.3	65.9
Total Release	kaf	30.4	29.8	30.7	30.7	28.8	49.2	62.8	142.3	144.2	190.5	187.7	93.6	1,020.7
Total Release	cfs	494	501	499	499	501	800	1,055	2,314	2,423	3,098	3,053	1,573	NA
Evaporation	kaf	0.7	0.3	0.2	0.2	0.2	0.4	0.8	1	1.4	1.6	1.4	1.1	9.3
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	NA
End-month elevation	ft	5,487.9	5,487.9	5,487.9	5,487.9	5,487.9	5,487.9	5,498	5,498	5,498	5,498	5,498	5,498	NA
Gray Reef Reservoir (Initial content: 1.4 KAF)														
Total Inflow	kaf	30.4	29.8	30.7	30.7	28.8	49.2	62.8	132.8	130.9	172.2	172.2	84.3	9,54.8
Total Inflow	cfs	494	501	499	499	501	800	1,055	2,160	2,200	2,801	2,801	1,417	NA
Total Release	kaf	30.7	29.8	30.7	30.7	28.8	49.2	62.8	132.8	130.8	172.1	172.1	84.2	954.7
Total Release	cfs	499	501	499	499	501	800	1,055	2,160	2,198	2,799	2,799	1,415	NA
Min reservoir rels	cfs	500	500	500	500	500	500	1,050	2,159	2,199	2,799	2,799	500	NA
Max reservoir rels	cfs	500	500	500	500	500	800	1,055	2,160	2,200	2,800	2,800	1,600	NA

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Glendo Reservoir (Initial content: 134.5 KAF)														
Alcova-Glendo Gain	kaf	8.7	10.4	7.2	7.8	9	12.4	13.6	16.9	0.5	-1.4	-1	5.8	89.9
Infl from Gray Reef	kaf	30.7	29.8	30.7	30.7	28.8	49.2	62.8	132.8	130.8	172.1	172.1	84.2	954.7
Total Inflow	kaf	39.4	40.2	37.9	38.5	37.8	61.6	76.4	149.7	131.3	170.7	171.1	90	1,044.6
Total Inflow	cfs	641	676	616	626	657	1,002	1,284	2,435	2,207	2,776	2,783	1,512	NA
Turbine Release	kaf	0	0	0	0	0	0	34	88.8	120.7	228.8	221.4	169.5	8,63.2
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	17.9
Spillway Release	kaf	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	80.5	83.6	0	164.1
Total Release	kaf	1.5	1.5	1.5	1.5	1.4	1.5	35.5	90.3	122.2	310.8	306.5	171	1,045.2
Total Release	cfs	24	25	24	24	24	24	597	1,469	2,054	5,055	4,985	2,874	NA
Evaporation	kaf	1.2	0.8	0.7	0.7	0.8	1.7	3.1	4.7	6.7	6.7	4.5	2.3	33.9
End-month content	kaf	171.2	209.1	244.8	281.1	316.7	375.1	412.9	467.6	470	323.2	183.3	100	NA
End-month elevation	ft	4,598.3	4,604.2	4,609.1	4,613.7	4,617.9	4,624.2	4,627.9	4,632.9	4,633.1	4,618.6	4,600.3	4,584.1	NA

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Guernsey Reservoir (Initial content: 2.5 KAF)														
Glendo-Guerns Gain	kaf	2.2	1.5	1.2	1	1.2	1.2	0.1	2.1	-1.6	-2.8	-1.6	1.9	6.4
Inflow from Glendo	kaf	1.5	1.5	1.5	1.5	1.4	1.5	35.5	90.3	122.2	310.8	306.5	171	1,045.2
Total Inflow	kaf	3.7	3	2.7	2.5	2.6	2.7	35.6	92.4	120.6	308	304.9	172.9	1,051.6
Total Inflow	cfs	60	50	44	41	45	44	598	1,503	2,027	5,009	4,959	2,906	NA
Turbine Release	kaf	0	0	0	0	0	0	23.6	53.6	51.8	53.6	53.6	55.8	292
Seepage	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	1.2	3	3.1	2.5	0.3	12.1
Spillway Release	kaf	0	0	0	0	0	0	0	36.8	64.8	250.2	247.9	142.3	742
Total Release	kaf	0.3	0.2	0.3	0.3	0.2	0.3	24	91.6	119.6	306.9	304	198.4	1,046.1
Total Release	cfs	5	3	5	5	3	5	403	1,490	2,010	4,991	4,944	3,334	NA
Evaporation	kaf	0.1	0.2	0.2	0.2	0.2	0.3	0.5	0.8	1	1.1	0.9	0.5	6
End-month content	kaf	5.8	8.4	10.6	12.6	14.8	16.9	28	28	28	28	28	2	NA
End-month elevation	ft	4,395.6	4,398.7	4,400.8	4,402.5	4,404.2	4,405.6	4,411.9	4,411.9	4,411.9	4,411.9	4,411.9	4,388	NA
North Platte River System of Dams (Initial content: 1673.7 KAF)														
Physical End-month content	kaf	1,696.8	1,727.7	1,753.9	1,780.5	1,811.1	1,867.9	1,924.4	1,943.5	1,902.3	1,576.8	1,253.8	1,055.8	NA

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Table 33: WY2024 Ownership Operating Plan for the Minimum Probable Inflow Scenario (320.0 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
North Platte Pathfinder (Initial ownership: 591.0 KAF)														
Net Accrual	kaf	18.8	20.5	19.8	19.9	22.4	47.4	75.2	53.4	0	0	0	0	277.4
Evaporation	kaf	3.8	2.2	1.4	1.3	1.5	3	5.6	7.3	11.3	11.6	7.4	3	59.4
Deliv from Ownership	kaf	0	0	0	0	0	0	0	0	0	239.7	284.1	173.5	697.3
End-month Ownership	kaf	609.8	630.3	650.1	670	692.4	739.8	815	868.4	857.1	605.8	314.3	137.8	NA
North Platte Guernsey (Initial ownership: 0 KAF)														
Net Accrual	kaf	0	0	8.1	8.5	10	13.2	0	0	0	0	0	0	39.8
Evaporation/ Seepage	kaf	0	0	0.3	0.3	0.2	0.4	0.3	0.4	0.5	0.5	0	0	2.9
Deliv from Ownership	kaf	0	0	0	0	0	0	0	0	1.8	36.3	0	0	38.1
End-month Ownership	kaf	0	0	8.1	16.6	26.6	39.8	39.5	39.1	36.8	0	0	0	NA
Inland Lakes (Initial ownership: 0 KAF)														
Net Accrual	kaf	10.6	11.7	0	0	0	0	13.5	0	0	0	0	0	35.8
Evaporation/ Seepage	kaf	0.3	0.2	0	0	0	0.1	0.2	0.1	0	0	0	0	0.9
Transfer from Ownership	kaf	0	0	0	0	0	0	24	11.6	0	0	0	0	35.6
End-month Ownership	kaf	10.6	22.3	22.3	22.3	22.3	22.2	11.7	0	0	0	0	0	NA

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Kendrick (Initial ownership: 917.5 KAF)														
Net Accrual	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Evaporation	kaf	5.9	3.2	2	1.9	2	3.8	6.9	7.9	11.3	11.5	9.9	7.5	73.8
Deliv from Ownership	kaf	0	0	0	0	0	0	0	9.5	13.3	18.3	15.5	9.3	65.9
End-month Ownership	kaf	911.6	908.4	906.4	904.5	902.5	898.7	891.8	874.4	849.8	820	794.6	777.8	NA
Glendo Unit (Initial ownership: 145.5 KAF)														
Accrual	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Evaporation	kaf	0.9	0.5	0.3	0.3	0.3	0.6	1.1	1.2	1.8	1.9	1.5	1.2	11.6
Deliv from Ownership	kaf	0	0	0	0	0	0	0	0	2	6	5	4	17
End-month Ownership	kaf	144.6	144.1	143.8	143.5	143.2	142.6	141.5	140.3	136.5	128.6	122.1	116.9	NA
Re-regulation (Initial ownership: 0 KAF)														
Accrual	kaf	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
Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
End-month total	kaf	0	0	0	0	0	0	0	0	0	0	0	0	NA
City of Cheyenne (Initial ownership: 7.2 KAF)														
Inflow	kaf	0.7	2.5	0.7	0.5	0.6	0.8	0.3	0.6	2.7	1.1	0.7	0.7	11.9
Evaporation	kaf	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7
Release	kaf	0	0	0	0	0	0	0	4	1.6	0.5	0	0	6.1
Ownership	kaf	7.9	10.4	11.1	11.6	12.2	12.9	13.1	9.6	10.6	11.1	11.7	12.3	NA

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Pacificcorp (Initial ownership: 2 KAF)														
Inflow	kaf	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
Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Ownership	kaf	2	2	2	2	2	2	2	2	2	2	2	2	NA
Other (Initial ownership: 10.4 KAF)														
Inflow	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Evaporation	kaf	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0.2	0.2	0.2	0.1	1.4
Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Ownership	kaf	10.3	10.2	10.1	10	9.9	9.9	9.8	9.7	9.5	9.3	9.1	9	NA
North Platte River System (Initial content: 1673.7 KAF)														
Ownership End-month content	kaf	1,696.8	1,727.7	1,753.9	1,780.5	1,811.1	1,867.9	1,924.4	1,943.5	1,902.3	1,576.8	1,253.8	1,055.8	NA

Table 34: WY2024 Irrigation Operating Plan for the Minimum Probable Inflow Scenario (320.0 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Kendrick (Casper Canal)														
Requested	kaf	0	0	0	0	0	0	0	9.5	13.3	18.3	15.5	9.3	65.9
Delivered	kaf	0	0	0	0	0	0	0	9.5	13.3	18.3	15.5	9.3	65.9
Kendrick (River)														
Requested	kaf	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
Guernsey Deliveries														
North Platte Req	kaf	0	0	0	0	0	0	0	80	117.6	300.9	299	194.4	991.9
Glendo Req	kaf	0	0	0	0	0	0	0	0	2	6	5	4	17
Inland Lakes Req	kaf	0	0	0	0	0	0	24	11.6	0	0	0	0	35.6
Total Requirement	kaf	0	0	0	0	0	0	24	91.6	119.6	306.9	304	198.4	1,044.5
Seepage	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	1.2	3	3.1	2.5	0.3	12.1
Actual Release	kaf	0.3	0.2	0.3	0.3	0.2	0.3	24	91.6	119.6	306.9	304	198.4	1,046.1

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Table 35: WY2024 Power Generation Operating Plan for the Minimum Probable Inflow Scenario (320.0 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Seminole Power Plant														
Turbine Release	kaf	32.7	31.5	32.6	32.6	30.5	32.6	53.6	159.9	142.7	72	51	31.5	703.2
Bypass	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum generation	gwh	33.057	31.763	32.624	32.373	30.078	32.137	31.284	31.964	30.226	30.54	29.781	28.288	374.12
Actual generation	gwh	5.473	5.261	5.415	5.379	5.018	5.362	8.844	26.224	23.066	11.44	7.944	4.814	114.24
Percent max generation		17	17	17	17	17	17	28	82	76	37	27	17	31
Average kwh/af		167	167	166	165	165	164	165	164	162	159	156	153	162
Kortes Power Plant														
Turbine Release	kaf	32.6	31.5	32.6	32.6	30.5	32.6	53.6	159.9	142.7	72	51	31.5	703.1
Bypass	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum generation	gwh	28.346	26.712	27.606	27.606	25.817	27.606	26.712	27.606	26.712	27.606	27.606	26.712	326.65
Actual generation	gwh	5.607	5.418	5.607	5.607	5.246	5.607	9.219	27.503	24.544	12.384	8.772	5.418	120.93
Percent max generation		20	20	20	20	20	20	35	100	92	45	32	20	37
Average kwh/af		172	172	172	172	172	172	172	172	172	172	172	172	172

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Fremont Canyon Power Plant														
Turbine Release	kaf	1.6	25.6	26.3	26.3	24.7	45	82.6	138.7	141.1	169.1	169.1	90.2	940.3
Bypass	kaf	4.6	4.5	4.6	4.6	4.3	4.6	4.5	4.6	4.5	23	20	4.5	88.3
Maximum generation	gwh	46.069	44.668	46.173	46.188	43.235	46.172	44.494	45.931	44.435	45.085	43.427	40.588	536.465
Actual generation	gwh	0.436	6.99	7.181	7.184	6.75	12.287	22.465	37.674	38.324	45.085	43.427	22.378	250.181
Percent max generation		1	16	16	16	16	27	50	82	86	100	100	55	47
Average kwh/af		273	273	273	273	273	273	272	272	272	267	257	248	266
Alcova Power Plant														
Turbine Release	kaf	30.4	29.8	30.7	30.7	28.8	49.2	62.8	132.8	130.9	172.2	172.2	84.3	954.8
Bypass	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum generation	gwh	27.182	26.588	27.472	27.472	25.704	27.472	26.275	27.552	26.656	27.552	27.552	26.656	324.133
Actual generation	gwh	4.199	4.053	4.175	4.175	3.917	6.691	8.666	18.592	18.326	24.108	24.108	11.802	132.812
Percent max generation		15	15	15	15	15	24	33	67	69	88	88	44	41
Average kwh/af		138	136	136	136	136	136	138	140	140	140	140	140	139
Glendo Power Plant														
Turbine Release	kaf	0	0	0	0	0	0	34	88.8	120.7	228.8	221.4	169.5	863.2
Bypass	kaf	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	82	85.1	1.5	182
Maximum generation	gwh	0	0	0	0	0	0	23.739	25.861	25.844	24.601	20.393	14.485	134.923
Actual generation	gwh	0	0	0	0	0	0	3.649	9.848	13.652	24.601	20.393	11.994	84.137
Percent max generation		0	0	0	0	0	0	15	38	53	100	100	83	62
Average kwh/af		0	0	0	0	0	0	107	111	113	108	92	71	97

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Guernsey Power Plant														
Turbine Release	kaf	0	0	0	0	0	0	23.6	53.6	51.8	53.6	53.6	55.8	292
Bypass	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	38	67.8	253.3	250.4	142.6	754.1
Maximum generation	gwh	0	0	0	0	0	0	3.576	3.795	3.667	3.795	3.795	3.404	22.032
Actual generation	gwh	0	0	0	0	0	0	1.592	3.795	3.667	3.795	3.795	3.404	20.048
Percent max generation		0	0	0	0	0	0	45	100	100	100	100	100	91
Average kwh/af		0	0	0	0	0	0	67	71	71	71	71	61	69

Table 36: WY2024 Hydrologic Operating Plan for the Maximum Probable Inflow Scenario (1,245 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Seminole Reservoir (Initial content: 684.1 KAF)														
Total Inflow	kaf	36.9	34.1	28.4	26.5	29	61	159.3	392.8	576.1	218.2	60.9	36.2	1,659.4
Total Inflow	cfs	600	573	462	431	504	992	2,677	6,388	9,682	3,549	990	608	NA
Turbine Release	kaf	32.7	31.5	32.6	32.6	86.2	159.8	185	192.2	187.5	180.4	96.7	79.6	1,296.8
Jet flow Release	kaf	0	0	0	0	0	0	23.2	53.7	37	27.6	0	0	141.5
Spillway Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Release	kaf	32.7	31.5	32.6	32.6	86.2	159.8	208.2	245.9	224.5	208	96.7	79.6	1,438.3
Total Release	cfs	532	529	530	530	1,499	2,599	3,499	3,999	3,773	3,383	1,573	1,338	NA
Evaporation	kaf	4	2.3	1.3	1.2	1.2	2.1	3.7	3.8	8.4	10.9	9.2	6.5	54.6
End-month content	kaf	685	687.8	683	676.2	618.4	518.3	466	605.7	950	949.9	905.6	856.4	NA
End-month elevation	ft	6,338	6,338.2	6,337.8	6,337.4	6,333.3	6,325.4	6,320.8	6,332.3	6,353.6	6,353.6	6,351.3	6,348.5	NA
Kortes Reservoir (Initial content: 4.7 KAF)														
Total Inflow	kaf	32.7	31.5	32.6	32.6	86.2	159.8	208.2	245.9	224.5	208	96.7	79.6	1,438.3
Total Inflow	cfs	532	529	530	530	1,499	2,599	3,499	3,999	3,773	3,383	1,573	1,338	NA
Turbine Release	kaf	32.6	31.5	32.6	32.6	86.2	159.8	155.3	160.5	155.3	160.5	96.7	79.6	1,183.2
Spillway Release	kaf	0	0	0	0	0	0	52.9	85.4	69.2	47.5	0	0	255
Total Release	kaf	32.6	31.5	32.6	32.6	86.2	159.8	208.2	245.9	224.5	208	96.7	79.6	1,438.2
Total Release	cfs	530	529	530	530	1,499	2,599	3,499	3,999	3,773	3,383	1,573	1,338	NA
Min release	cfs	530	530	530	530	1,499	2,599	3,499	3,999	3,772	3,383	1,573	1,337	NA
Max release	cfs	530	530	530	530	2,000	3,000	3,500	4,000	5,000	3,500	1,580	1,337	NA

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Pathfinder Reservoir (Initial content: 665.6 KAF)														
Sweetwater Inflow	kaf	3.3	3.5	2.7	2.5	2.8	6.2	18.5	45.5	44.5	13.3	4.8	3	150.6
Kortes-Path Gain	kaf	4.4	2.3	2.3	4.3	5.6	8.5	11	16.8	11.1	8.6	6.9	7.3	89.1
Inflow from Kortes	kaf	32.6	31.5	32.6	32.6	86.2	159.8	208.2	245.9	224.5	208	96.7	79.6	1,438.2
Total Inflow	kaf	40.3	37.3	37.6	39.4	94.6	174.5	237.7	308.2	280.1	229.9	108.4	89.9	1,677.9
Total Inflow	cfs	655	627	612	641	1,645	2,838	3,995	5,012	4,707	3,739	1,763	1,511	NA
Turbine Release	kaf	1.6	25.6	26.3	26.3	64.9	143.3	162.6	153.4	158.8	169.1	169.1	148.8	1,249.8
Jet flow Release	kaf	4.6	4.5	4.6	4.6	4.3	4.6	4.5	4.6	4.5	72.3	41.6	4.5	159.2
Spillway Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Release	kaf	6.2	30.1	30.9	30.9	69.2	147.9	167.1	158	163.3	241.4	210.7	153.3	1,409
Total Release	cfs	101	506	503	503	1,203	2,405	2,808	2,570	2,744	3,926	3,427	2,576	NA
Evaporation	kaf	4.6	2.6	1.4	1.4	1.5	3.2	6	8	13	14.8	12.6	9	78.1
End-month content	kaf	695.1	699.7	705	712.1	736	759.4	824	966.2	1,070	1,043.7	928.8	856.4	NA
End-month elevation	ft	5,833.5	5,833.8	5,834.1	5,834.5	5,835.9	5,837.2	5,840.7	5,847.8	5,852.5	5,851.3	5,846	5,842.4	NA
Jet flow Release	cfs	75	76	75	75	75	75	76	75	76	1176	677	76	NA
Min Release	cfs	75	75	75	75	75	75	75	75	75	75	75	75	NA

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Alcova Reservoir (Initial content: 180.8 KAF)														
Total Inflow	kaf	6.2	30.1	30.9	30.9	69.2	147.9	167.1	158	163.3	241.4	210.7	153.3	1,409
Total Inflow	cfs	101	506	503	503	1,203	2,405	2,808	2,570	2,744	3,926	3,427	2,576	NA
Turbine Release	kaf	30.4	29.8	30.7	30.7	69	147.5	142.8	147.5	148.6	196.8	193.8	142.9	1,310.5
Spillway Release	kaf	0	0	0	0	0	0	0	0	0	24.7	0	0	24.7
Casper Canal Release	kaf	0	0	0	0	0	0	0	9.5	13.3	18.3	15.5	9.3	65.9
Total Release	kaf	30.4	29.8	30.7	30.7	69	147.5	142.8	157	161.9	239.8	209.3	152.2	1,401.1
Total Release	cfs	494	501	499	499	1,200	2,399	2,400	2,553	2,721	3,900	3,404	2,558	NA
Evaporation	kaf	0.7	0.3	0.2	0.2	0.2	0.4	0.8	1	1.4	1.6	1.4	1.1	9.3
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	NA
End-month elevation	ft	5,487.9	5,487.9	5,487.9	5,487.9	5,487.9	5,487.9	5,498	5,498	5,498	5,498	5,498	5,498	NA
Gray Reef Reservoir (Initial content: 1.4 KAF)														
Total Inflow	kaf	30.4	29.8	30.7	30.7	69	147.5	142.8	147.5	148.6	221.5	193.8	142.9	1,335.2
Total Inflow	cfs	494	501	499	499	1,200	2,399	2,400	2,399	2,497	3,602	3,152	2,402	NA
Total Release	kaf	30.7	29.8	30.7	30.7	69	147.5	142.8	147.5	148.5	221.4	193.7	142.8	1,335.1
Total Release	cfs	499	501	499	499	1,200	2,399	2,400	2,399	2,496	3,601	3,150	2,400	NA
Min release	cfs	500	500	500	500	999	2,399	2,399	2,399	2,495	3,600	3,150	2,399	NA
Max release	cfs	500	500	500	500	1,200	2,400	2,400	2,490	2,495	3,601	3,151	2,400	NA

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Glendo Reservoir (Initial content: 134.5 KAF)														
Alcova-Glendo Gain	kaf	17.1	17.1	8.2	15.7	14.4	20.4	61.3	184.8	71.5	23.1	18.5	23	475.1
Infl from Gray Reef	kaf	30.7	29.8	30.7	30.7	69	147.5	142.8	147.5	148.5	221.4	193.7	142.8	1,335.1
Total Inflow	kaf	47.8	46.9	38.9	46.4	83.4	167.9	204.1	332.3	220	244.5	212.2	165.8	1,810.2
Total Inflow	cfs	777	788	633	755	1,450	2,731	3,430	5,404	3,697	3,976	3,451	2,786	NA
Turbine Release	kaf	0	0	0	0	0	181.4	199.1	203.9	211.6	233.1	221.4	208.8	1,459.3
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	17.9
Spillway Release	kaf	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	107.8	129	94.7	331.5
Total Release	kaf	1.5	1.5	1.5	1.5	1.4	182.9	200.6	205.4	213.1	342.4	351.9	305	1,808.7
Total Release	cfs	24	25	24	24	24	2,975	33,71	3,341	3,581	5,569	5,723	5,126	NA
Evaporation	kaf	1.3	0.8	0.8	0.7	1	1.9	2.9	4.5	7	7.2	5.2	2.7	36
End-month content	kaf	179.5	224.1	260.7	304.9	385.9	369	369.6	492	491.9	386.8	241.9	100	NA
End-month elevation	ft	4,599.6	4,606.3	4,611.2	4,616.5	4,625.3	4,623.6	4,623.6	4,635	4,635	4,625.4	4,608.7	4,584.1	NA

Appendix A – Operating Plans for Water Year 2023

Guernsey Reservoir (Initial content: 2.5 KAF)														
Glendo-Guerns Gain	kaf	3.2	1.7	1.5	1.8	1.2	1	7.7	32.9	22.3	6.3	-0.3	4.3	83.6
Inflow from Glendo	kaf	1.5	1.5	1.5	1.5	1.4	182.9	200.6	205.4	213.1	342.4	351.9	305	1,808.7
Total Inflow	kaf	4.7	3.2	3	3.3	2.6	183.9	208.3	238.3	235.4	348.7	351.6	309.3	1,892.3
Total Inflow	cfs	76	54	49	54	45	2,991	3,501	3,876	3,956	5,671	5,718	5,198	NA
Turbine Release	kaf	0	0	0	0	0	0	51.8	53.6	51.8	53.6	53.6	55.8	320.2
Seepage	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	1.2	3	3.1	2.5	0.3	12.1
Spillway Release	kaf	0	0	0	0	0	172.4	155.6	182.7	179.6	290.9	294.6	278.7	1,554.5
Total Release	kaf	0.3	0.2	0.3	0.3	0.2	172.7	207.8	237.5	234.4	347.6	350.7	334.8	1,886.8
Total Release	cfs	5	3	5	5	3	2,809	3,492	3,863	3,939	5,653	5,704	5,626	NA
Evaporation	kaf	0.1	0.2	0.2	0.2	0.2	0.3	0.5	0.8	1	1.1	0.9	0.5	6
End-month content	kaf	6.8	9.6	12.1	14.9	17.1	28	28	28	28	28	28	2	NA
End-month elevation	ft	4,396.9	4,399.9	4,402.1	4,404.2	4,405.7	4,411.9	4,411.9	4,411.9	4,411.9	4,411.9	4,411.9	4,388	NA
North Platte River System of Dams (Initial content: 1,673.7 KAF)														
Physical End-Month content	kaf	1,728.2	1,783	1,822.6	1,869.9	1,919.2	1,836.5	1,872.9	2,277.2	2,725.2	2,593.7	2,289.6	2,000.0	NA

Appendix A – Operating Plans for Water Year 2023

Table 37: WY2024 Ownership Operating Plan for the Maximum Probable Inflow Scenario (1,245 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
North Platte Pathfinder (Initial ownership: 591.0 KAF)														
Net Accrual	kaf	40.8	37.7	31.9	31.8	35.8	72.5	183.4	355	0	0	0	0	788.9
Evaporation	kaf	3.8	2.2	1.5	1.5	1.6	3.2	5.4	6.9	14.5	13.9	11.8	8.3	74.6
Deliv from Ownership	kaf	0	0	0	0	0	127.1	182.8	0	0	0	75.1	257	642
End-month Ownership	kaf	631.8	669.5	701.4	733.2	769	714.4	715	1,070	1,055.5	1,041.6	954.7	689.4	NA
North Platte Guernsey (Initial ownership: 0 KAF)														
Net Accrual	kaf	0	0	9.4	17.2	15.3	3.7	0	0	0	0	0	0	45.6
Evaporation/ Seepage	kaf	0	0	0.3	0.3	0.3	0.2	0	0	0	0	0	0	1.1
Deliver from Ownership	kaf	0	0	0	0	0	45.6	0	0	0	0	0	0	45.6
End-month Ownership	kaf	0	0	9.4	26.6	41.9	0	0	0	0	0	0	0	NA
Inland Lakes (Initial ownership: 0 KAF)														
Net Accrual	kaf	20	18.5	0	0	0	0	7.5	0	0	0	0	0	46
Evaporation/ Seepage	kaf	0.3	0.3	0.1	0.1	0.1	0.1	0.3	0.2	0	0	0	0	1.5
Transfer from Ownership	kaf	0	0	0	0	0	0	25	20.3	0	0	0	0	45.3
End-month Ownership	kaf	20	38.5	38.4	38.3	38.2	38.1	20.6	0.1	0.1	0.1	0.1	0.1	NA

Appendix A – Operating Plans for Water Year 2023

Kendrick (Initial ownership: 917.5 KAF)														
Net Accrual	kaf	0	0	0	0	0	0	0	75.1	234.6	0	0	0	309.7
Evaporation	kaf	5.9	3.3	2	1.8	2	3.7	6.8	8.6	13.1	15.7	13.4	10.1	86.4
Deliv fm Ownership	kaf	0	0	0	0	0	0	0	0	0	0	15.5	9.3	24.8
End-month Ownership	kaf	911.6	908.3	906.3	904.5	902.5	898.8	892	967.1	1,201.7	1,186	1,157.1	1,137.7	NA
Glendo Unit (Initial ownership: 145.5 KAF)														
Accrual	kaf	0	0	0	0	0	17.5	8.7	0	0	0	0	0	26.2
Evaporation	kaf	0.9	0.5	0.3	0.3	0.3	0.6	1.2	1.6	2.3	2.1	1.9	1.3	13.3
Deliv fm Ownership	kaf	0	0	0	0	0	0	0	0	0	0	5	4	9
End-month Ownership	kaf	144.6	144.1	143.8	143.5	143.2	160.1	167.6	166	163.7	161.6	154.7	149.4	NA
Re-regulation (Initial ownership: 0 KAF)														
Accrual	kaf	0	0	0	0	0	0	52.5	0.5	230.1	0	0	0	283.1
Evaporation/Seepage	kaf	0	0	0	0	0	0	0	0.5	0.7	3.7	2	0	6.9
Release	kaf	0	0	0	0	0	0	0	0	0	96.4	179.8	0	276.2
End-month total	kaf	0	0	0	0	0	0	52.5	52.5	281.9	181.8	0	0	NA
City of Cheyenne (Initial ownership: 7.2 KAF)														
Inflow	kaf	0.7	2.5	0.7	0.5	0.6	0.8	0.3	0.6	2.7	1.1	0.7	0.7	11.9
Evaporation	kaf	0	0	0	0	0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.8
Release	kaf	0	0	0	0	0	0	0	4	1.6	0.5	0	0	6.1
Ownership	kaf	7.9	10.4	11.1	11.6	12.2	12.9	13.1	9.5	10.5	11	11.6	12.2	NA

Appendix A – Operating Plans for Water Year 2023

Pacificcorp (Initial ownership: 2 KAF)														
Inflow	kaf	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
Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Ownership	kaf	2	2	2	2	2	2	2	2	2	2	2	2	NA
Other (Initial ownership: 0.1 KAF)														
Inflow	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Evaporation	kaf	0.1	0.1	0	0	0	0	0.1	0.1	0.2	0.2	0.2	0.1	1.1
Release	kaf	0	0	0	0	0	0	0	0	0	0	0	0	0
Ownership	kaf	10.3	10.2	10.2	10.2	10.2	10.2	10.1	10	9.8	9.6	9.4	9.3	NA
North Platte River System (Initial content: 1,673.7 KAF)														
Ownership End-month content	kaf	1,728.2	1,783	1,822.6	1,869.9	1,919.2	1,836.5	1,872.9	2,277.2	2,725.2	2,593.7	2,289.6	2,000.1	NA

Table 38: WY2024 Irrigation Operating Plan for the Maximum Probable Inflow Scenario (1,245 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Kendrick (Casper Canal)														
Requested	kaf	0	0	0	0	0	0	0	9.5	13.3	18.3	15.5	9.3	65.9
Delivered	kaf	0	0	0	0	0	0	0	9.5	13.3	18.3	15.5	9.3	65.9
Kendrick (River)														
Requested	kaf	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
Guernsey Deliveries														
North Platte Req	kaf	0	0	0	0	0	172.7	182.8	217.2	232.4	341.6	345.7	330.8	1,823.2
Glendo Req	kaf	0	0	0	0	0	0	0	0	2	6	5	4	17
Inland Lakes Req	kaf	0	0	0	0	0	0	25	20.3	0	0	0	0	45.3
Total Requirement	kaf	0	0	0	0	0	172.7	207.8	237.5	234.4	347.6	350.7	334.8	1,885.5
Seepage	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	1.2	3	3.1	2.5	0.3	12.1
Actual Release	kaf	0.3	0.2	0.3	0.3	0.2	172.7	207.8	237.5	234.4	347.6	350.7	334.8	1,886.8

Appendix A – Operating Plans for Water Year 2023

Table 39: WY2024 Power Generation Operating Plan for the Maximum Probable Inflow Scenario (1,245 KAF April - July inflows)

Accounting Item	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Seminole Power Plant														
Turbine Release	kaf	32.7	31.5	32.6	32.6	86.2	159.8	185	192.2	187.5	180.4	96.7	79.6	1,296.8
Bypass	kaf	0	0	0	0	0	0	23.2	53.7	37	27.6	0	0	141.5
Maximum generation	gwh	33.197	32.155	33.214	33.093	30.406	31.029	28.65	30.417	32.328	32.369	32.614	31.825	381.297
Actual generation	gwh	5.494	5.292	5.477	5.465	14.26	25.651	28.65	30.417	32.328	32.369	17.309	14.089	216.801
Percent max generation		17	16	16	17	47	83	100	100	100	100	53	44	57
Average kwh/af		168	168	168	168	165	161	155	158	172	179	179	177	167
Kortes Power Plant														
Turbine Release	kaf	32.6	31.5	32.6	32.6	86.2	159.8	155.3	160.5	155.3	160.5	96.7	79.6	1,183.2
Bypass	kaf	0	0	0	0	0	0	52.9	85.4	69.2	47.5	0	0	255
Maximum generation	gwh	28.346	26.712	27.606	27.606	25.817	27.606	26.712	27.606	26.712	27.606	27.606	26.712	326.647
Actual generation	gwh	5.607	5.418	5.607	5.607	14.826	27.486	26.712	27.606	26.712	27.606	16.632	13.691	203.51
Percent max generation		20	20	20	20	57	100	100	100	100	100	60	51	62
Average kwh/af		172	172	172	172	172	172	172	172	172	172	172	172	172

Appendix A – Operating Plans for Water Year 2023

Fremont Canyon Power Plant														
Turbine Release	kaf	1.6	25.6	26.3	26.3	64.9	143.3	162.6	153.4	158.8	169.1	169.1	148.8	1,249.8
Bypass	kaf	4.6	4.5	4.6	4.6	4.3	4.6	4.5	4.6	4.5	72.3	41.6	4.5	159.2
Maximum generation	gwh	46.1	44.749	46.298	46.354	43.497	46.707	45.572	47.247	45.796	47.348	47.312	45.709	552.689
Actual generation	gwh	0.436	7.002	7.201	7.209	17.844	39.581	45.293	42.86	44.452	47.348	47.312	41.574	348.112
Percent max generation		1	16	16	16	41	85	99	91	97	100	100	91	63
Average kwh/af		273	274	274	274	275	276	279	279	280	280	280	279	279
Alcova Power Plant														
Turbine Release	kaf	30.4	29.8	30.7	30.7	69	147.5	142.8	147.5	148.6	196.8	193.8	142.9	1,310.5
Bypass	kaf	0	0	0	0	0	0	0	0	0	24.7	0	0	24.7
Maximum generation	gwh	27.182	26.588	27.472	27.472	25.704	27.472	26.275	27.552	26.656	27.552	27.552	26.656	324.133
Actual generation	gwh	4.199	4.053	4.175	4.175	9.384	20.06	19.706	20.65	20.804	27.552	27.132	20.006	181.896
Percent max generation		15	15	15	15	37	73	75	75	78	100	98	75	56
Average kwh/af		138	136	136	136	136	136	138	140	140	140	140	140	139
Glendo Power Plant														
Turbine Release	kaf	0	0	0	0	0	181.4	199.1	203.9	211.6	233.1	221.4	208.8	1,459.3
Bypass	kaf	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	109.3	130.5	96.2	349.4
Maximum generation	gwh	0	0	0	0	0	24.06	23.064	25.591	26.517	25.834	22.253	16.11	163.429
Actual generation	gwh	0	0	0	0	0	19.236	20.987	22.463	24.311	25.834	22.253	16.11	151.194
Percent max generation		0	0	0	0	0	80	91	88	92	100	100	100	93
Average kwh/af		0	0	0	0	0	106	105	110	115	111	101	77	104

Appendix A – Operating Plans for Water Year 2023

Guernsey Power Plant														
Turbine Release	kaf	0	0	0	0	0	0	51.8	53.6	51.8	53.6	53.6	55.8	320.2
Bypass	kaf	0.3	0.2	0.3	0.3	0.2	172.7	156	183.9	182.6	294	297.1	279	1,566.6
Maximum generation	gwh	0	0	0	0	0	0	3.667	3.795	3.667	3.795	3.795	3.404	22.123
Actual generation	gwh	0	0	0	0	0	0	3.667	3.795	3.667	3.795	3.795	3.404	22.123
Percent max generation		0	0	0	0	0	0	100	100	100	100	100	100	100
Average kwh/af		0	0	0	0	0	0	71	71	71	71	71	61	69

Appendix B: Glossary

Annual Operating Plan (AOP) - An annual publication which is prepared, reviewed, and presented to the public, with a summary of the actual operations and outlook for the coming water year.

Acre-Foot (AF) - A measure of volume of water equal to an area of one acre covered with water one 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 (cfs) - The rate of discharge representing a volume of one cubic foot passing a given point during one 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 one cubic foot per second for 24 hours is equivalent to 86,400 cubic feet, approximately 1.983 AF, 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 4,635.0 feet and 4,653.0 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 river flow exiting the lower end of the reach, the net gain is negative (loss of water in the reach).

Gigawatt hour (GWh) - A unit of power equal to one-billion-watt hours.

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.

Appendix B – Glossary

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).

Megawatt (MW) – A unit of power equal to one million watts.

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

NRCS – The Natural Resources Conservation Service which is a government agency under the Department of Agriculture.

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 NRCS 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.

SWE – Snow Water Equivalent is the amount of water in the snowpack expressed in inches.

Water Year yyyy (WYyyyy) - October 1 through September 30 of water year yyyy.

Appendix C: Historical Watershed Runoff

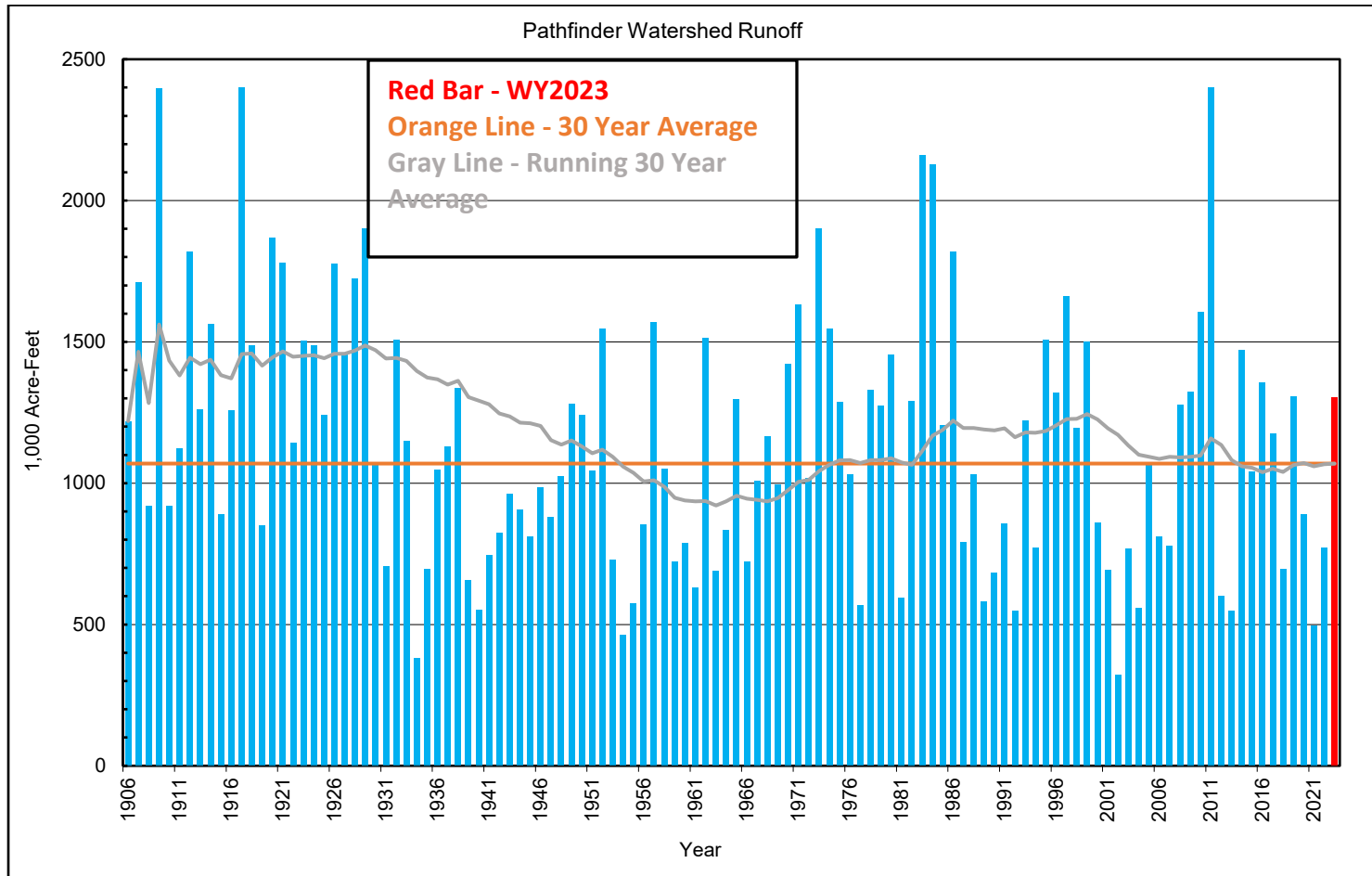


Figure 20: Pathfinder Watershed Runoff 1906-2023.

Appendix D: Reservoir Data Definition Sheets

A. General:

Dam design and reservoir operation utilize reservoir capacity and water surface elevation data. To insure uniformity in the establishment, use, and publication of this data the following standard definitions of water surface elevations and reservoir capacities shall be used.

B. Water Surface Elevation Definitions:

Maximum Water Surface - The highest acceptable water surface elevation with all factors affecting the safety of the structure considered. Normally it is the highest water surface elevation resulting from a computed routing of the inflow design flood through the reservoir on the basis of established operating criteria. It is the top of surcharge capacity.

Top of Exclusive Flood Control Capacity - The reservoir water surface elevation at the top of the reservoir capacity allocated to exclusive use for the regulating of flood inflows to reduce damage downstream.

Maximum Controllable Water Surface Elevation - The highest reservoir water surface elevation at which gravity flows from the reservoir can be completely shut off.

Top of Joint Use Capacity - The reservoir water surface elevation at the top of the reservoir capacity allocated to joint use, i.e., flood control and conservation purposes.

Top of Active Conservation Capacity - The reservoir water surface elevation at the top of the capacity allocated to the storage of water for conservation purposes only.

Top of Inactive Capacity - The reservoir water surface elevation below which the reservoir will not be evacuated under normal conditions.

Top of Dead Capacity - The lowest elevation in the reservoir from which water can be drawn by gravity.

Streambed at the Dam Axis - The elevation of the lowest point in the streambed at the axis of the dam prior to construction. This elevation normally defines the zero for the area-capacity tables.

C. Capacity Definitions:

Surcharge Capacity - The reservoir capacity provided for use in passing the inflow design flood through the reservoir. It is the reservoir capacity between the maximum water surface elevation and the highest of the following elevations:

- a) Top of exclusive flood control capacity
- b) Top of joint use capacity
- c) Top of active conservation capacity

Appendix D – Reservoir Data Definition Sheets

Total Capacity - The reservoir capacity below the highest of the elevations representing the top of exclusive flood control capacity, the top of joint use capacity, or the top of active conservation capacity. In the case of a natural lake which has been enlarged, the total capacity includes the dead capacity of the lake. Total capacity is used to express the total quantity of water which can be impounded and is exclusive of surcharge capacity.

Live Capacity - The part of the total capacity from which water can be withdrawn by gravity. It is equal to the total capacity less the dead capacity.

Active Capacity - The reservoir capacity normally usable for storage and regulation of reservoir inflows to meet established reservoir operating requirements. Active capacity extends from the highest of the top of exclusive flood control capacity, the top of joint use capacity, or the top of active conservation capacity to the top of inactive capacity. It is the total capacity less the sum of the inactive and dead capacities.

Exclusive Flood Control Capacity - The reservoir capacity assigned to the sole purpose of regulating flood inflows to reduce flood damage downstream.

Joint Use Capacity - The reservoir capacity assigned to flood control purposes during certain periods of the year and to conservation purposes during other periods of the year.

Active Conservation Capacity - The reservoir capacity assigned to regulate reservoir inflow for irrigation, power, municipal, and industrial, fish and wildlife, navigation, recreation, water quality, and other purposes. It does not include exclusive flood control or joint use capacity. The active conservation capacity extends from the top of the active conservation capacity to the top of the inactive capacity.

SEMINOE RESERVOIR ALLOCATIONS

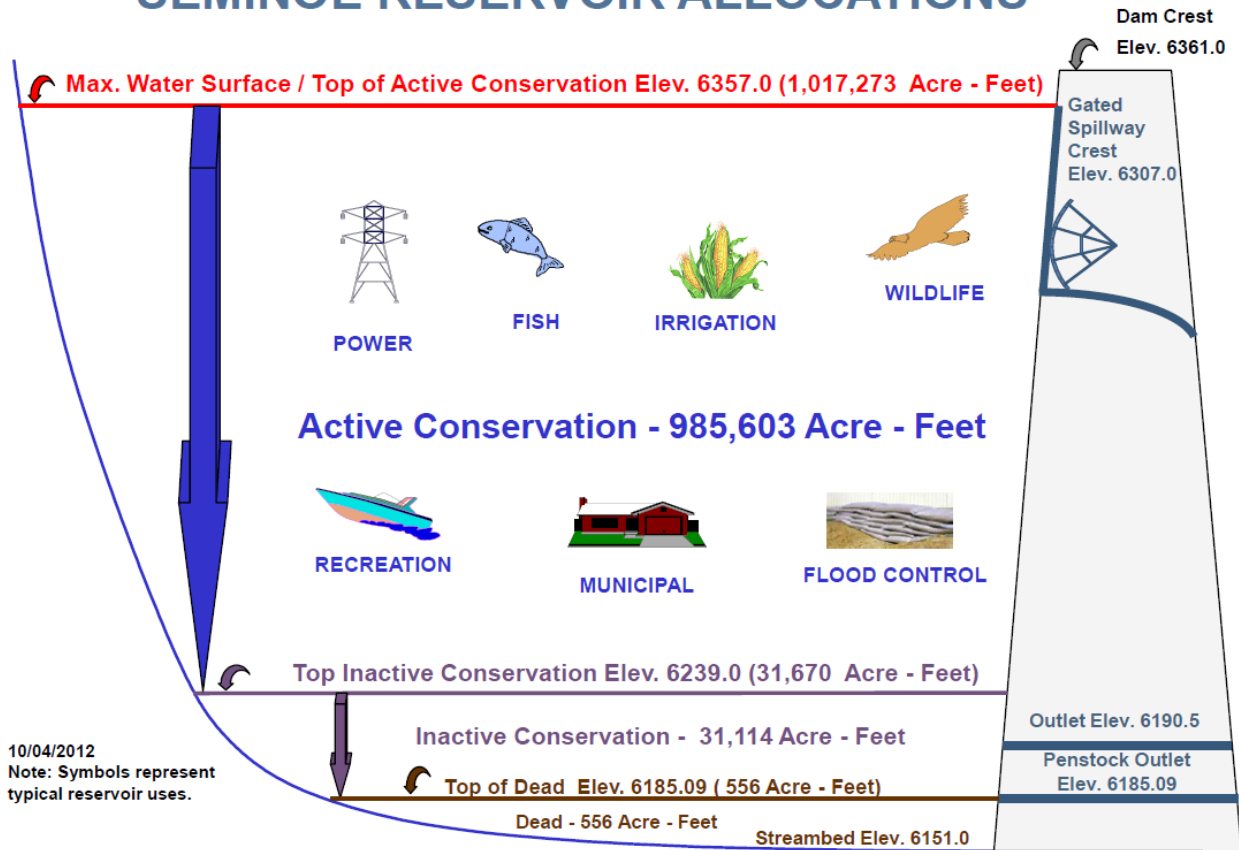


Figure 21: Seminoe Reservoir Allocation.

KORTES RESERVOIR ALLOCATIONS

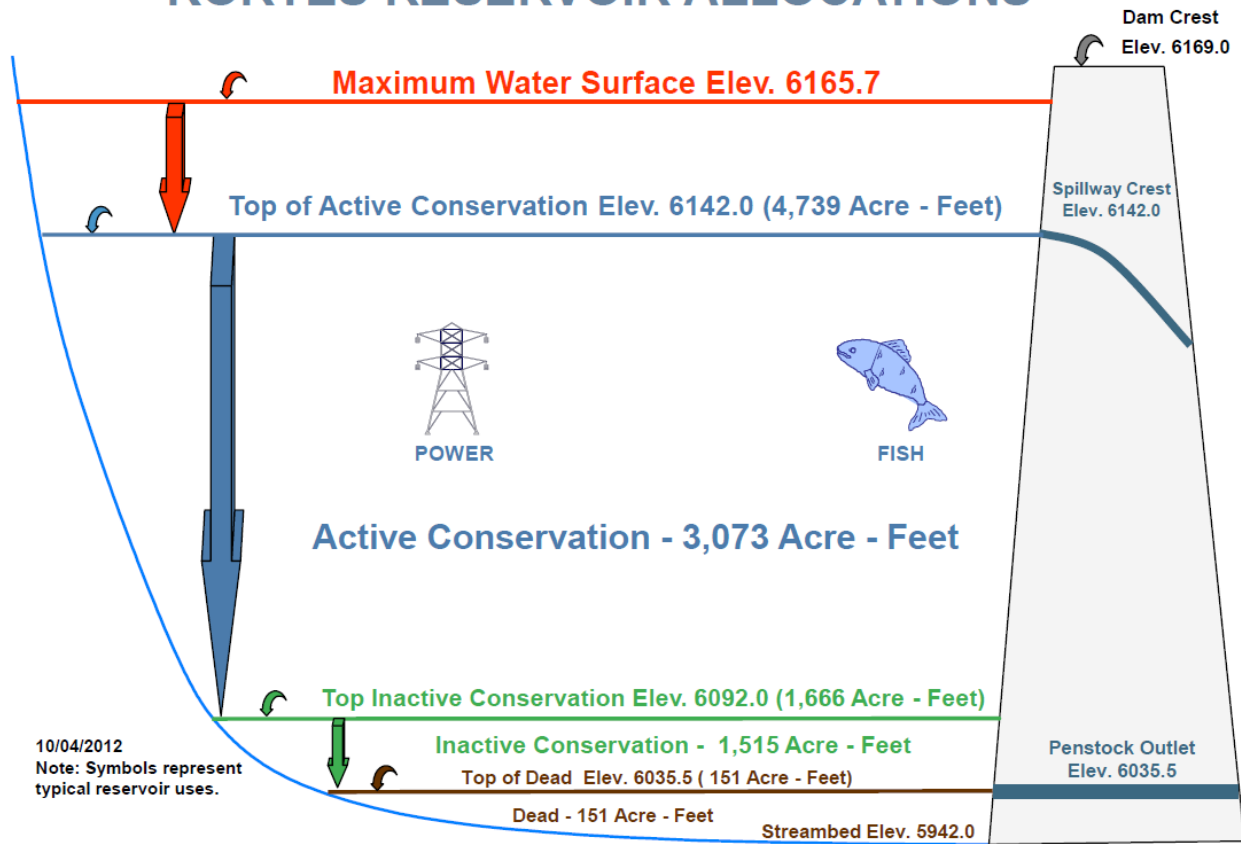


Figure 22: Kortes Reservoir Allocation.

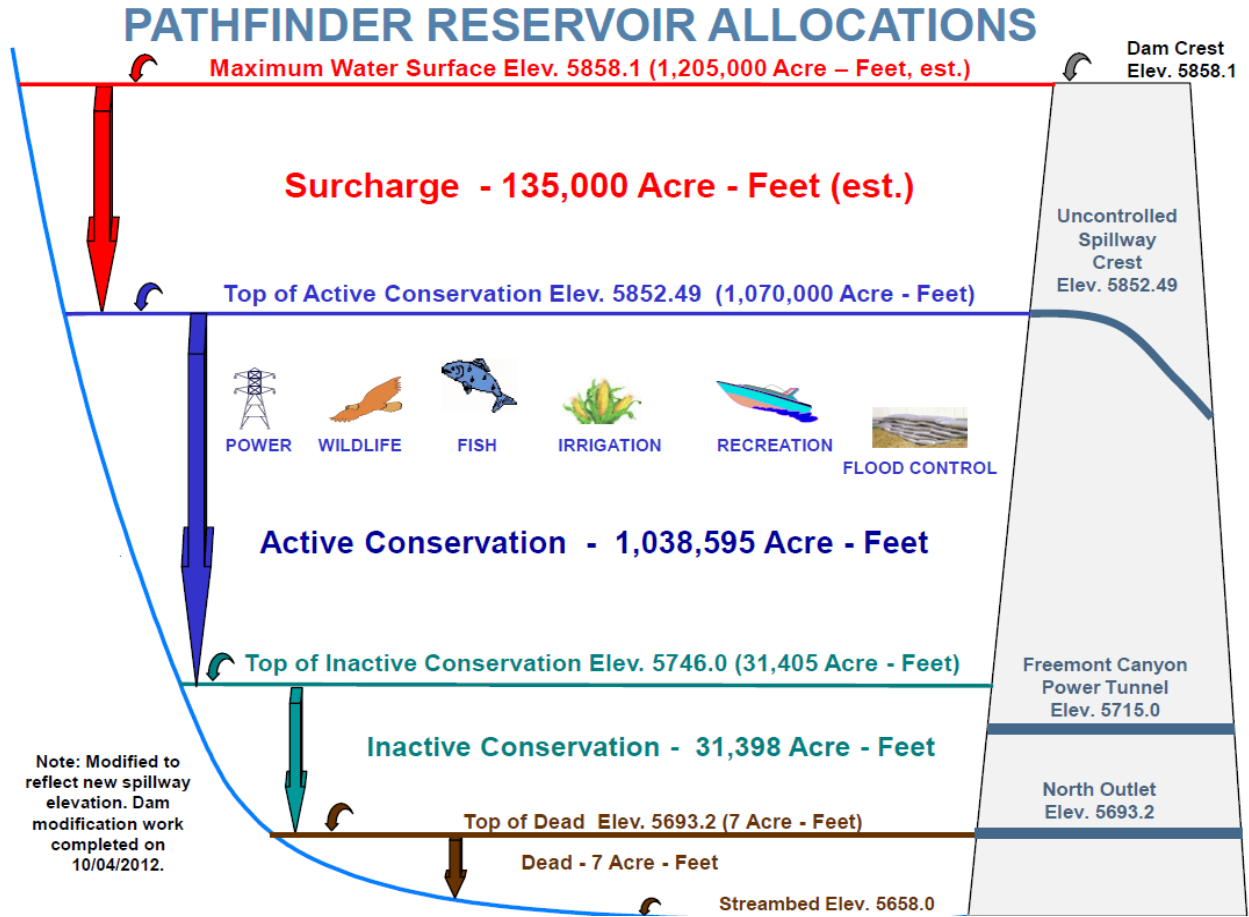


Figure 23: Pathfinder Reservoir Allocation.

ALCOVA RESERVOIR ALLOCATIONS

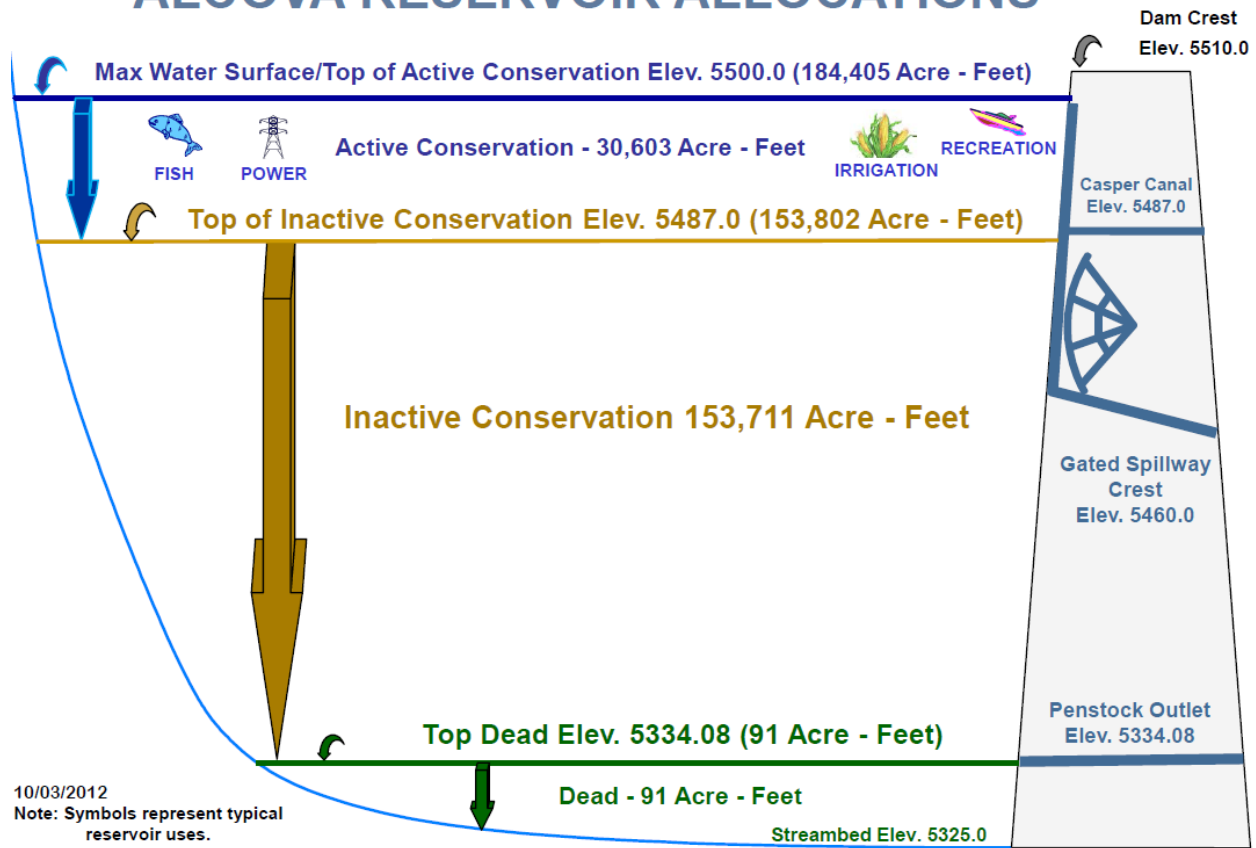


Figure 24: Alcova Reservoir Allocation.

GRAY REEF RESERVOIR ALLOCATIONS

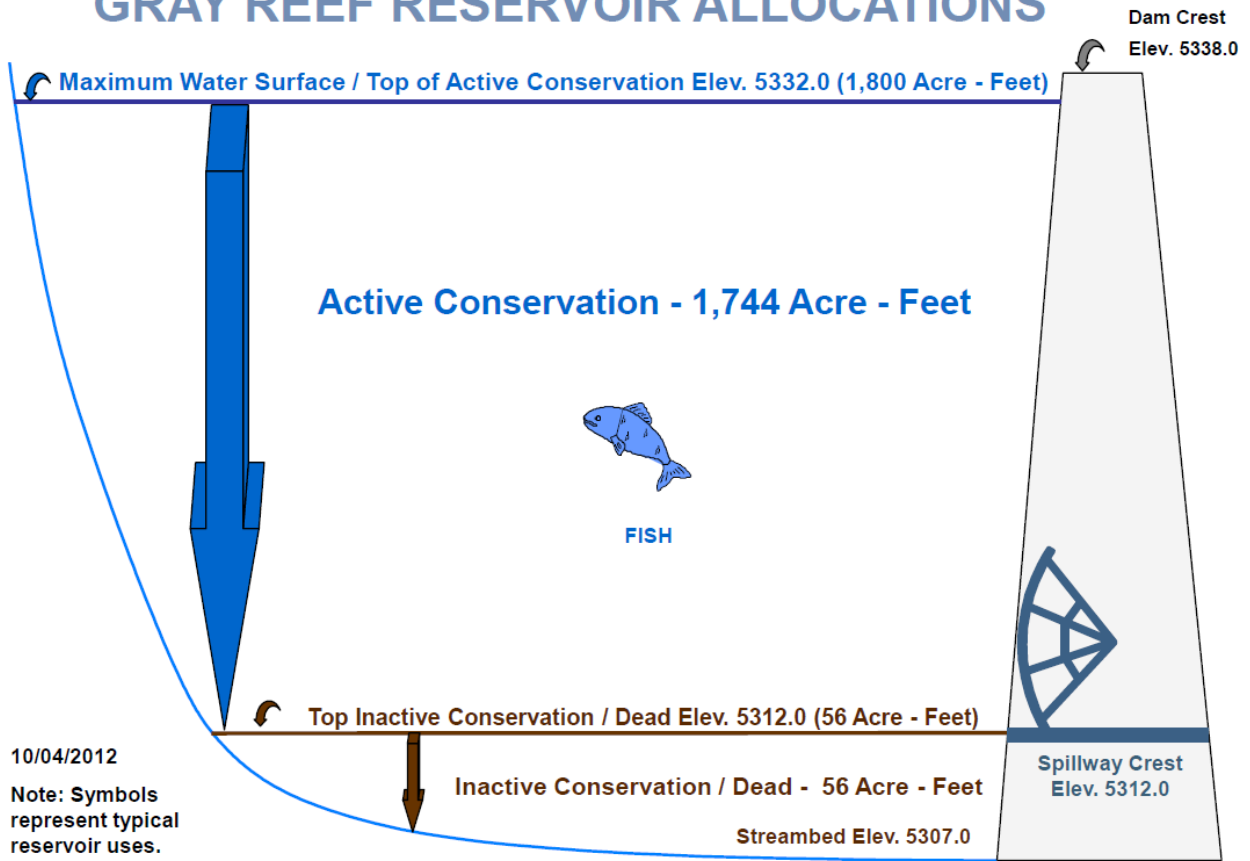


Figure 25: Gray Reef Reservoir Allocation.

GLENDO RESERVOIR ALLOCATIONS

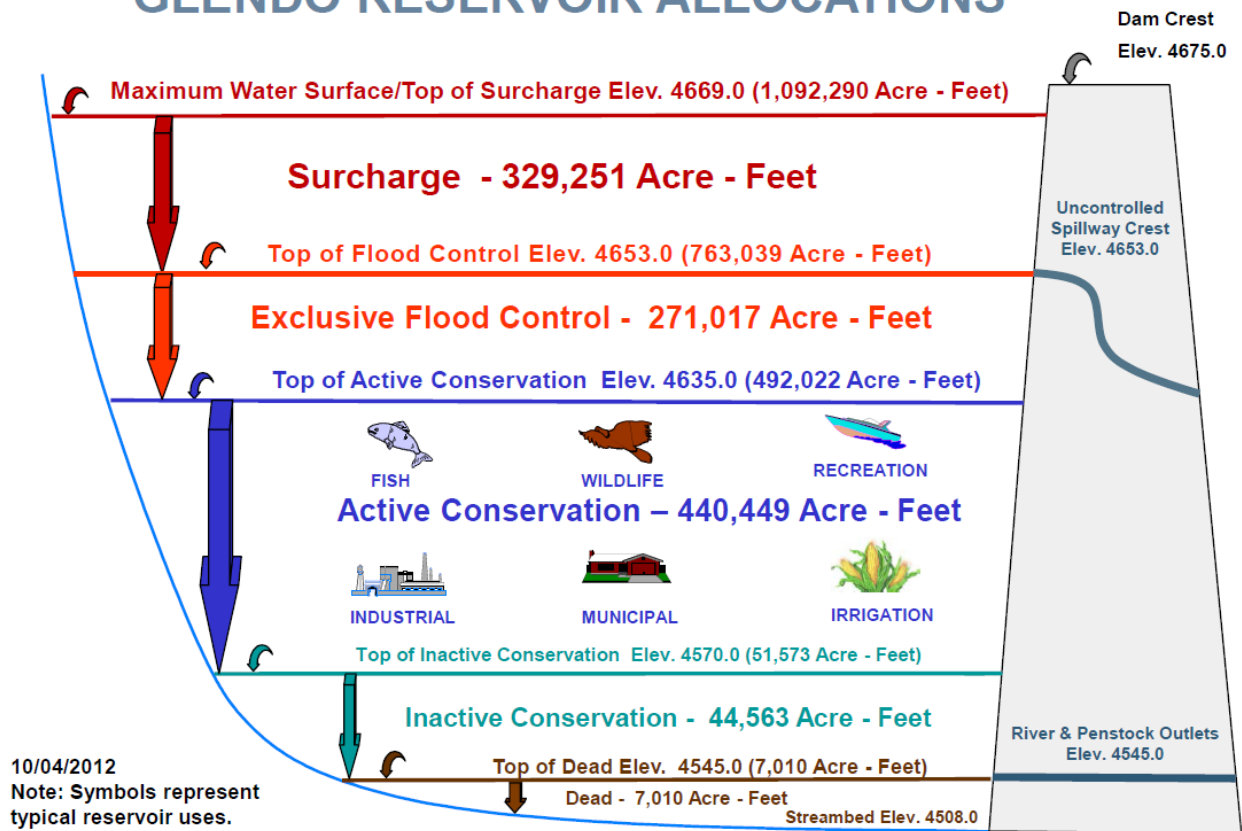


Figure 26: Glendo Reservoir Allocation.

GUERNSEY RESERVOIR ALLOCATIONS

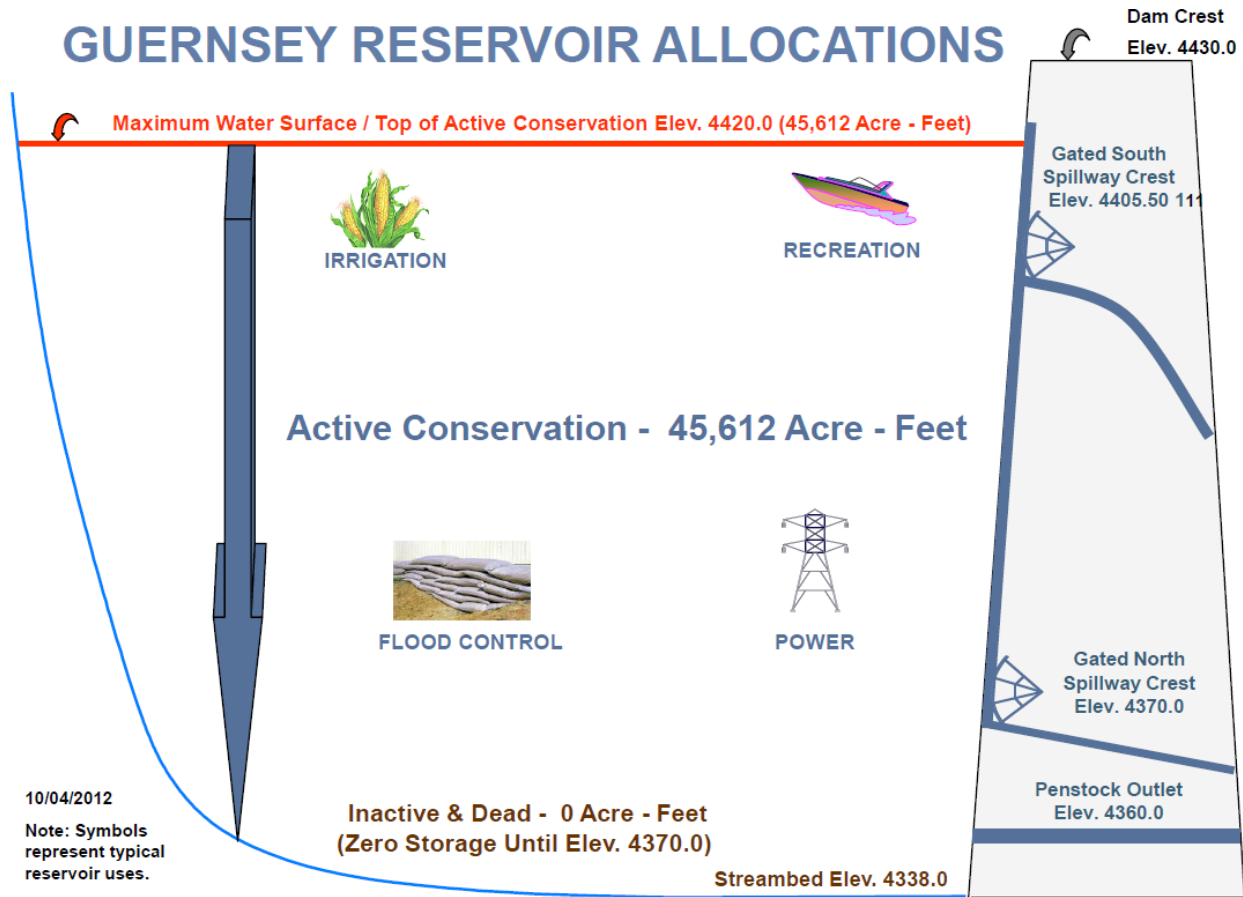


Figure 27: Guernsey Reservoir Allocation.

LAKE ALICE RESERVOIR ALLOCATIONS

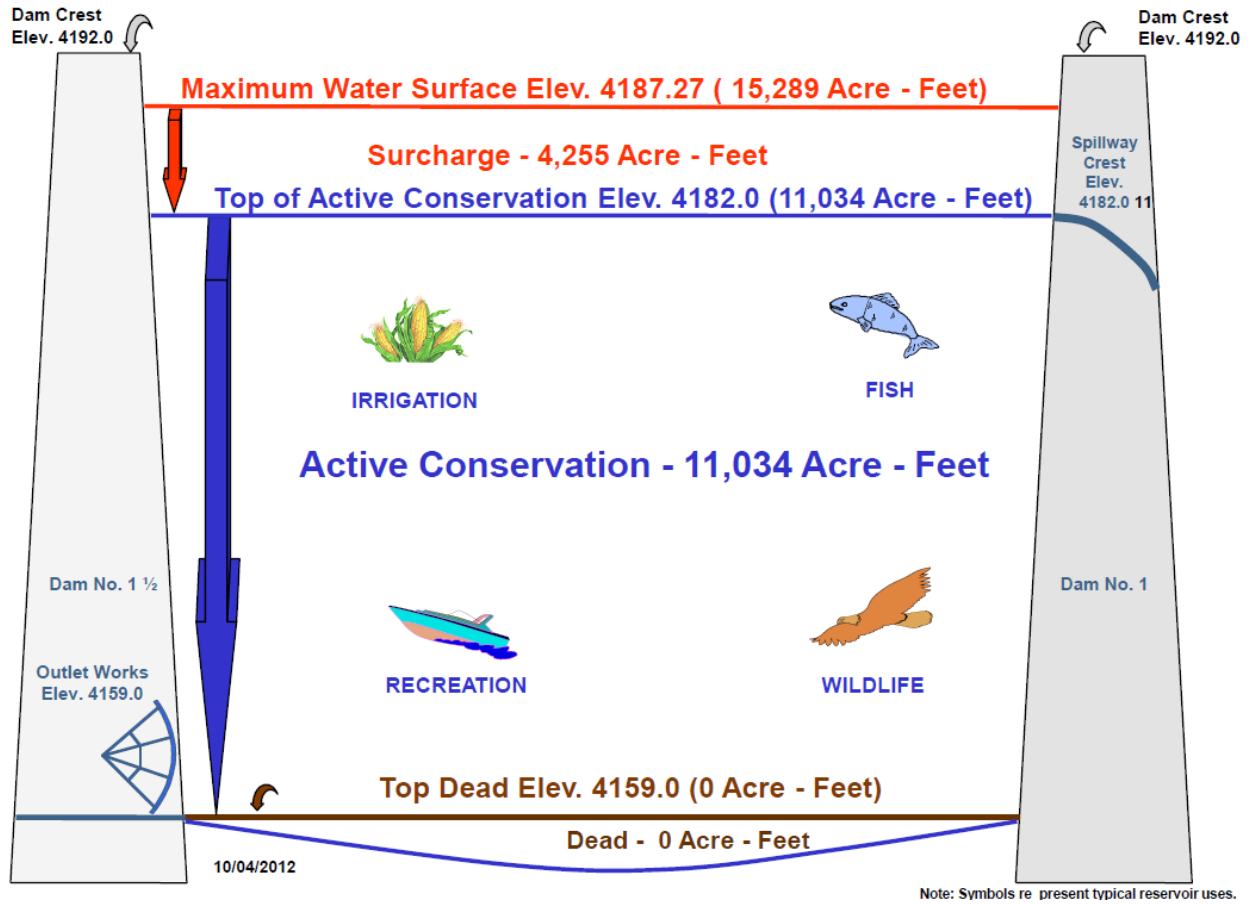


Figure 28: Lake Alice Reservoir Allocation.

LITTLE LAKE ALICE RESERVOIR ALLOCATIONS

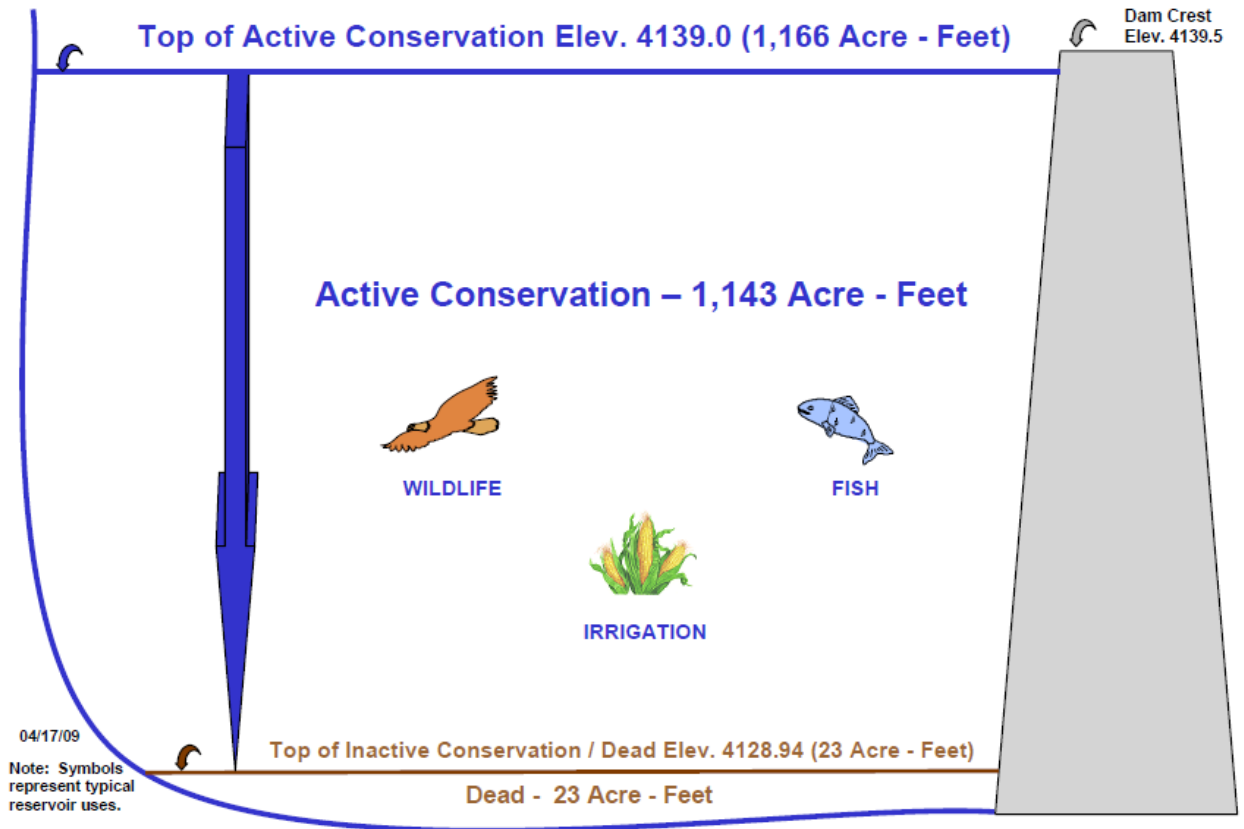


Figure 29: Little Lake Alice Reservoir Allocation.

WINTERS CREEK RESERVOIR ALLOCATIONS

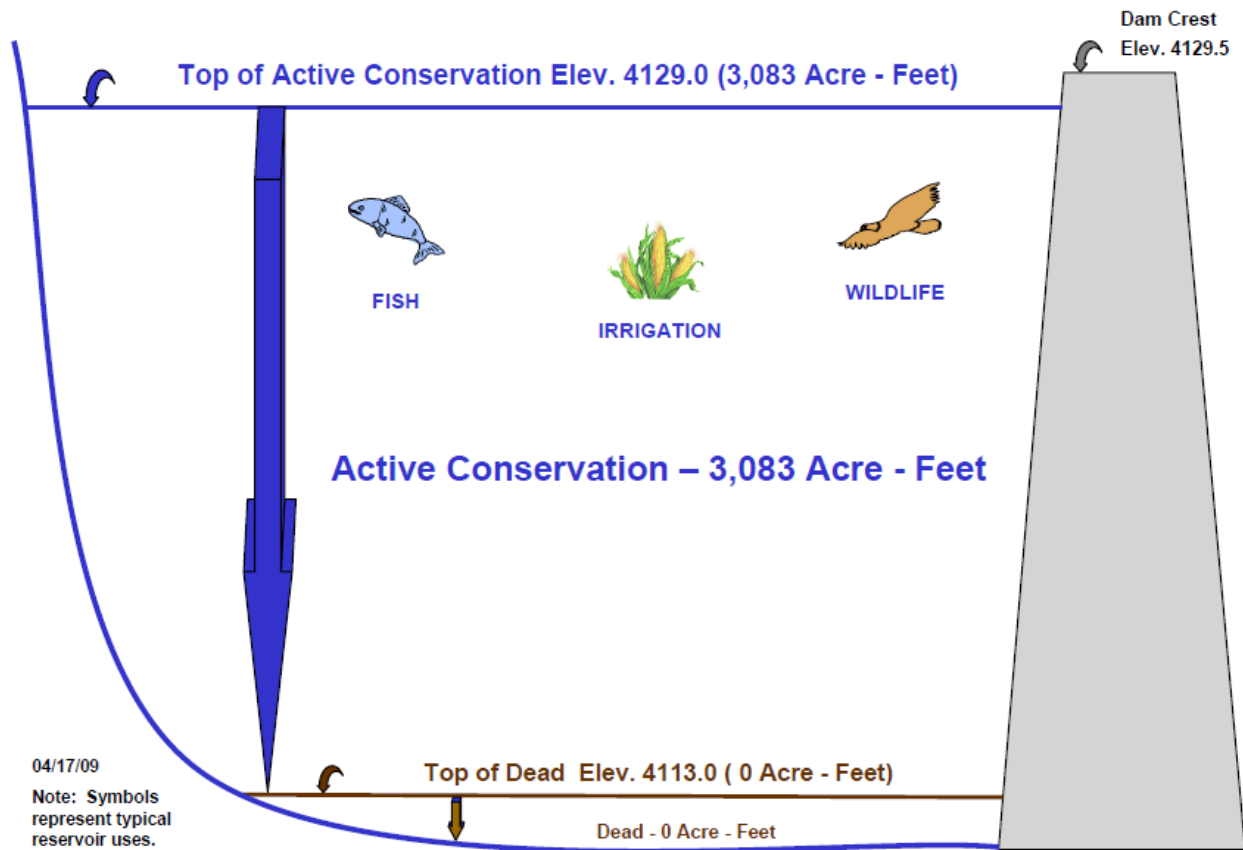


Figure 30: Winters Creek Reservoir Allocation.

LAKE MINATARE RESERVOIR ALLOCATIONS

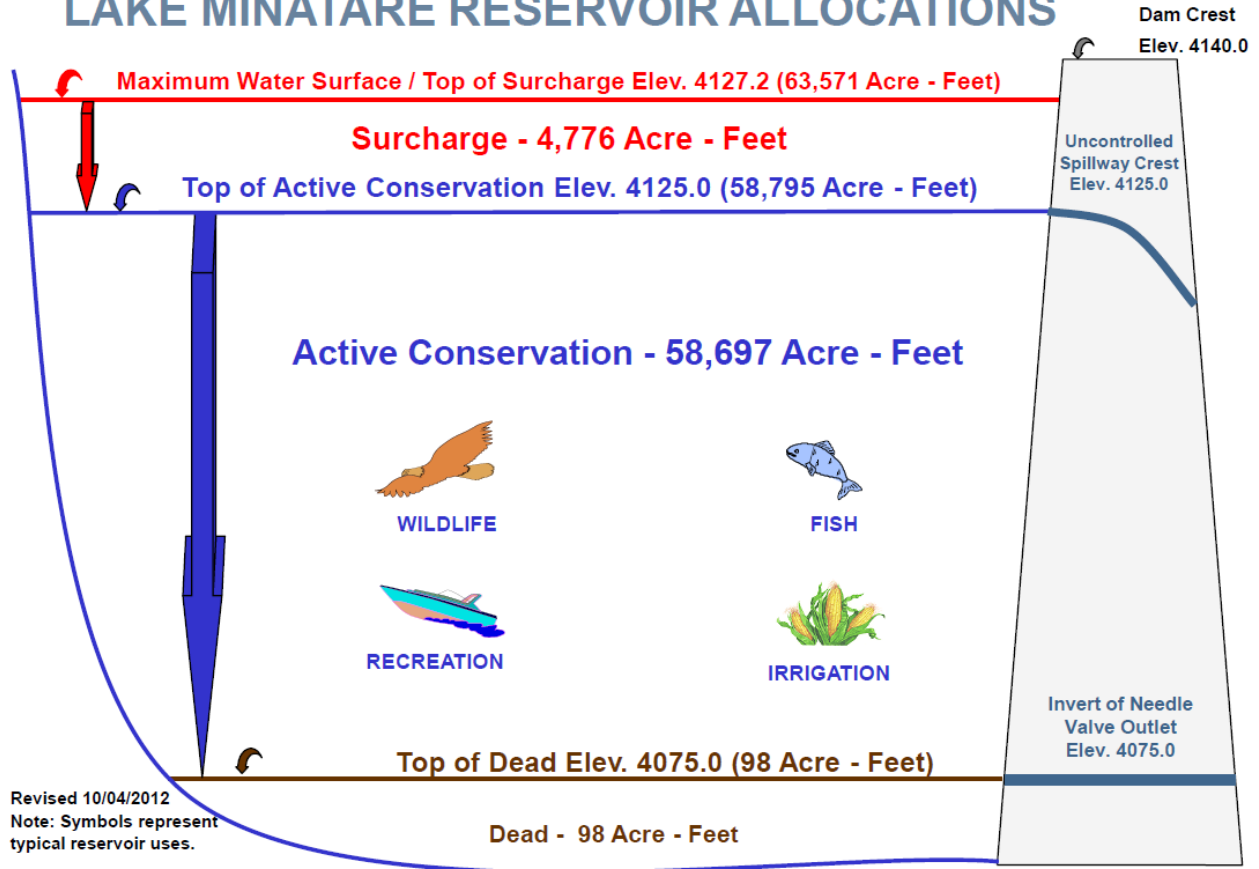


Figure 31: Lake Minatare Reservoir Allocation.

Appendix E: Basin Map

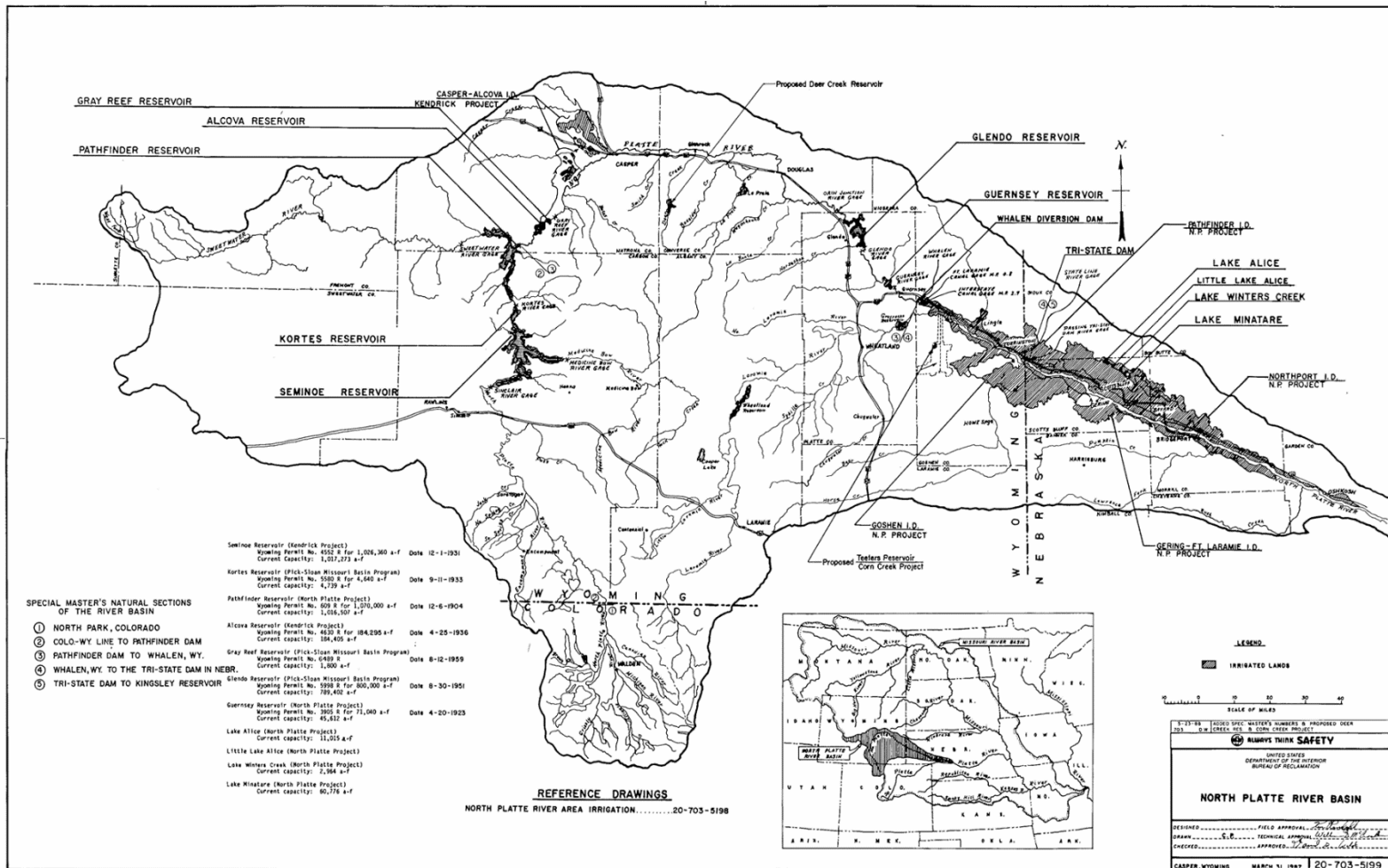


Figure 32: North Platte River Basin Map.