

North Platte River Water Supply Update EAC/RCC Meeting October 15, 2024

Storage conditions for Reclamation reservoirs on the North Platte River, as of September 30, 2024, is 1,412.0 kaf which is 94% of the 30-year average and 50% of the total conservation storage capacity of 2,815.8 kaf (see Table 1). The term “kaf” used in this report represents 1,000 acre-feet. All averages used in this report are based on the period 1994-2023. The North Platte total system storage of 1,412.0 kaf by October 01, 2024 represents an decrease in the system storage of 261.7 kaf from the end of water year 2023 (1,673.7 kaf). This system storage decrease is attributable to higher than average demand and lower than normal inflows during water year 2024.

Table 2 shows the total inflows for water year 2024, the 30-year averages (1994-2023), and the percent of average. Total inflows in water year 2024 were 83% of average. Releases from Guernsey Reservoir were discontinued on September 29, 2024 after completing Pathfinder environmental account and CNPPID deliveries and lowering Guernsey Reservoir for winter operations. Table 3 shows the account ownership for the entire system on September 30, 2024. The carryover Pathfinder Ownership at the end of water year 2024 was 437.4 kaf which is 39% of the full ownership capacity of 1070.0 KAF (Table 1) and 99% of average.

Reclamation prepares North Platte reservoir system operating plans for the reasonable minimum, most probable, and reasonable maximum inflow conditions. The operating plans for October 2024 through September 2025 use a statistical analysis of historic inflows to estimate a total system most probable inflow which approximates an average inflow condition and is estimated to be 1268.6 kaf. The total Guernsey Reservoir probable outflow for water year 2025 is estimated to be 1013.9 kaf. The operating plans are updated monthly to reflect changing inflow conditions. This report focuses on the information associated with the October most probable operating plan.

Based on the October most probable North Platte River Operating Plan, the North Platte Pathfinder ownership is estimated to reach a maximum ownership content of 1070.0 kaf (100% of full) by the end of June 2025. This would indicate that the Pathfinder ownership would fill. Since the Pathfinder ownership is expected to fill, the Kendrick Ownership is expected to accrue water during the water year. The Guernsey and the Inland Lakes ownerships are expected to fill. The Glendo ownership is not expected to fill. Releases from Guernsey Reservoir will be in response to demands. Based on the most probable plan, no allocation is currently expected for North Platte Project contractors.

Reclamation will continue to update the North Platte River operating plans on a monthly basis in response to changing inflow conditions. Reclamation will prepare forecasts of the April through July snowmelt runoff starting in February and continuing through May 1. The above projected operations are subject to change in response to fluctuating inflow conditions.

Table 1. North Platte River System Reservoir Storage September 30, 2024 in KAF

NORTH PLATTE RIVER BASIN RESERVOIR STORAGE

September		Storage, Historical Storage, and Storage Capacity in 1,000 acre-feet						
Reservoir	W. Yr. 2024	30 Yr. Avg. ¹	% of Avg.	W. Yr. 2023	W. Yr. 2022	W. Yr. 2021	Total Conservation Storage Capacity	Percent of Capacity
Seminole	554.1	618.7	90%	684.1	498.3	325.0	1017.3	54%
Kortes	4.7	4.7	101%	4.7	4.7	4.7	4.7	101%
Pathfinder	572.3	549.5	104%	665.6	297.8	610.1	1070.0	53%
Alcova	180.6	180.0	100%	180.8	181.5	180.6	184.4	98%
Gray Reef	1.5	1.4	109%	1.4	1.2	1.6	1.8	85%
Glendo	95.3	136.2	70%	134.5	127.2	138.4	492.0	19%
Guernsey	3.6	4.4	82%	2.5	3.7	0.0	45.6	8%
Total	1412.0	1494.9	94%	1673.7	1114.4	1260.5	2815.8	50%

¹ Average is based on the 1994-2023 period.

Table 2. North Platte River System Water Year 2024 Inflows in KAF

September Accumulated Water Year Inflows, values in 1,000 acre-feet

Reservoir	W. Yr. 2024	30 Yr. Avg.	% of Avg.
Seminole	836.2	965.4	87%
Pathfinder	74.5	104.1	72%
Glendo	175.8	219.7	80%
Guernsey	11.7	35.4	33%
System Total	1098.1	1324.5	83%

Table 3. North Platte River System Reservoir Account Ownership September 30, 2024 in KAF

NORTH PLATTE RIVER BASIN RESERVOIR STORAGE OWNERSHIP

September Storage, Historical Storage, and Storage Capacity in 1,000 acre-feet								
Reservoir	W. Yr. 2024	30 Yr. Avg. ⁷	% of Avg.	W. Yr. 2023	W. Yr. 2022	W. Yr. 2021	Total Conservation Storage Capacity	Percent of Capacity
Kendrick	831.5	905.8	92%	917.6	832.0	953.5	1201.7	69%
North Platte ¹	437.4	441.7	99%	591.3	154.8	152.2	1115.6	39%
Glendo	129.9	130.4	100%	145.3	118.2	134.2	171.7	76%
Inland Lakes ²	0.0	0.0	N/A	0.0	0.0	0.0	46.0	0%
Cheyenne ^{3,4}	3.9	4.4	89%	7.2	7.3	7.3	15.7	25%
PacifiCorp ⁵	2.0	2.0	100%	2.0	2.0	2.0	2.0	100%
Other ⁶	7.4	9.9	75%	10.4	0.1	11.3	N/A	N/A

1 This includes North Platte Guemsey and North Platte Pathfinder.

2 Water stored temporarily in mainstem facilities for later transfer to the Inland Lakes. This table does not reflect water currently stored in the Inland Lakes.

3 The City of Cheyenne has a storage contract to store water in Seminole Reservoir by exchange of Upper North Platte Basin water through a system of trans-basin diversions.

4 Cheyenne ownership was increased to 15,700 AF on March 13, 2009 as a result of Amendment No. 1 to Contract No. 06XX6A0062.

5 PacifiCorp has a storage contract to store water in Glendo Reservoir for Dave Johnston Powerplant.

6 Water which is captured in the re-regulation space of Glendo in addition to storage rights, Operational water account, and replacement of evaporation losses is labeled as 'Re-regulation of Natural Flow' per Wyoming Board of Control Order Docket Number I-2000-3-8 in water Division Number One. In accordance with 2022 Natural Flow and Ownership Procedures, the Operational account can contain up to 15,000 acre-feet. On September 30, 2024, the Operational account contained 7,369 Acre-feet, the Re-Regulation space contained 0 Acre-feet.

7 Average is based on the 1994-2023 period.

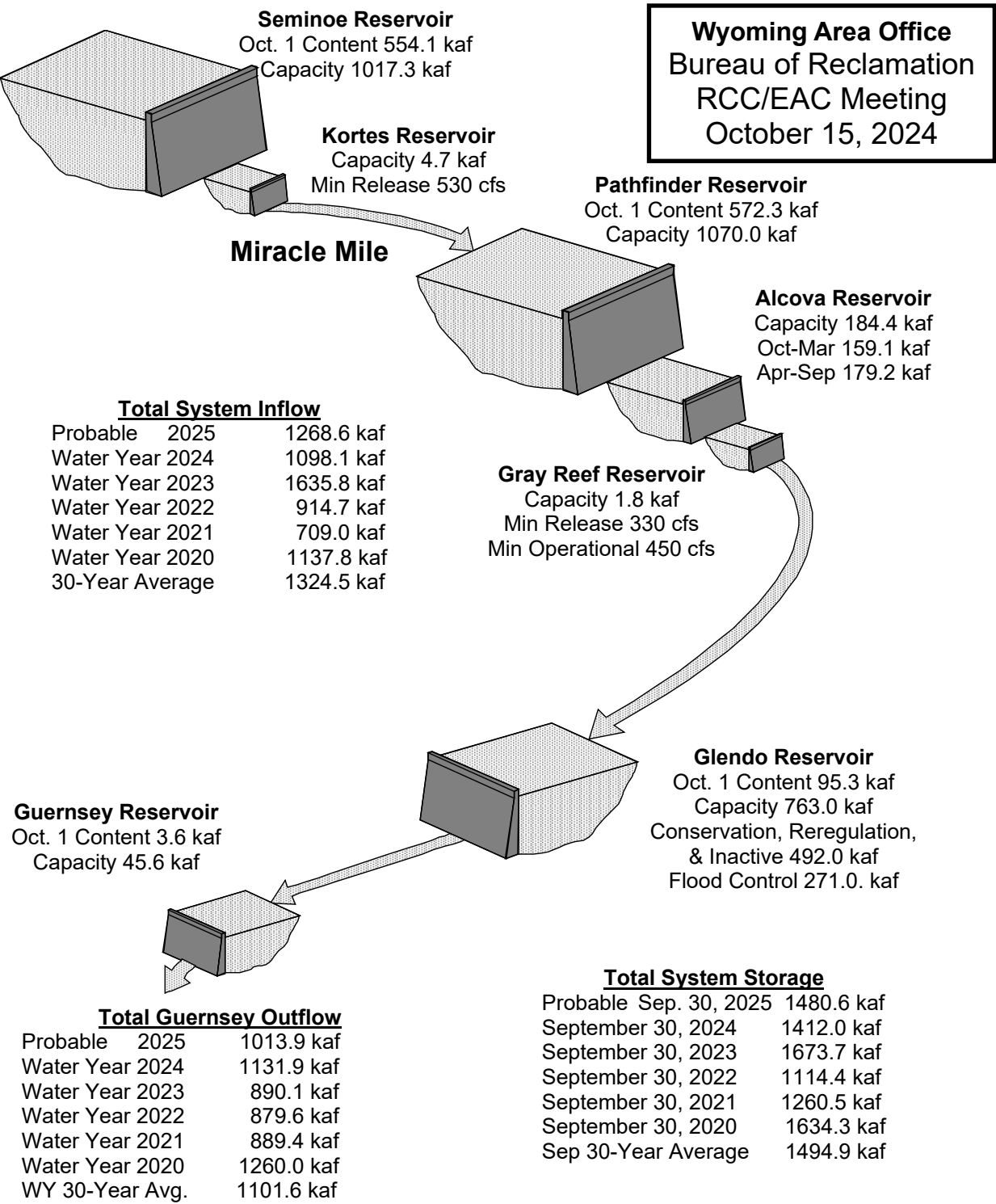
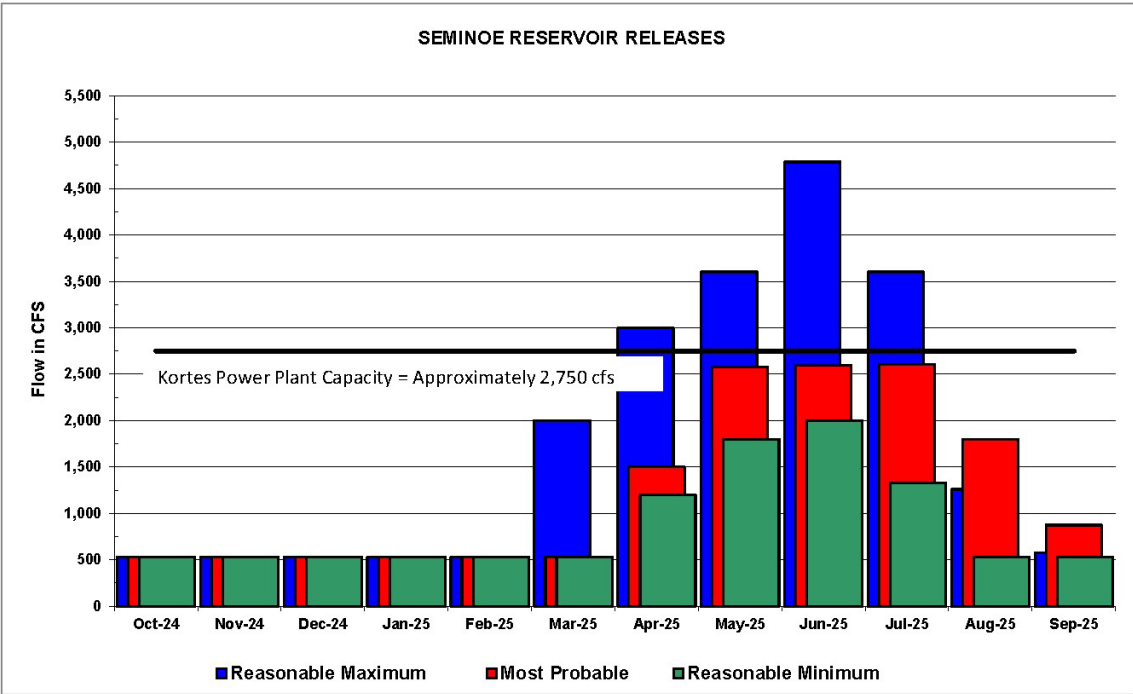
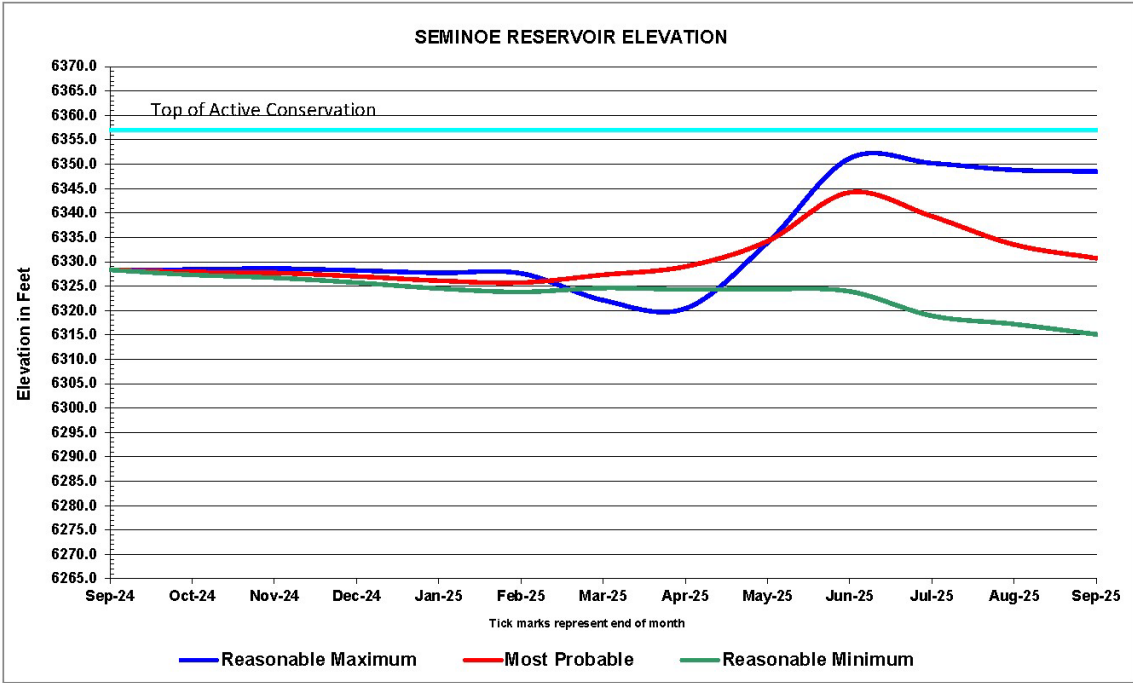
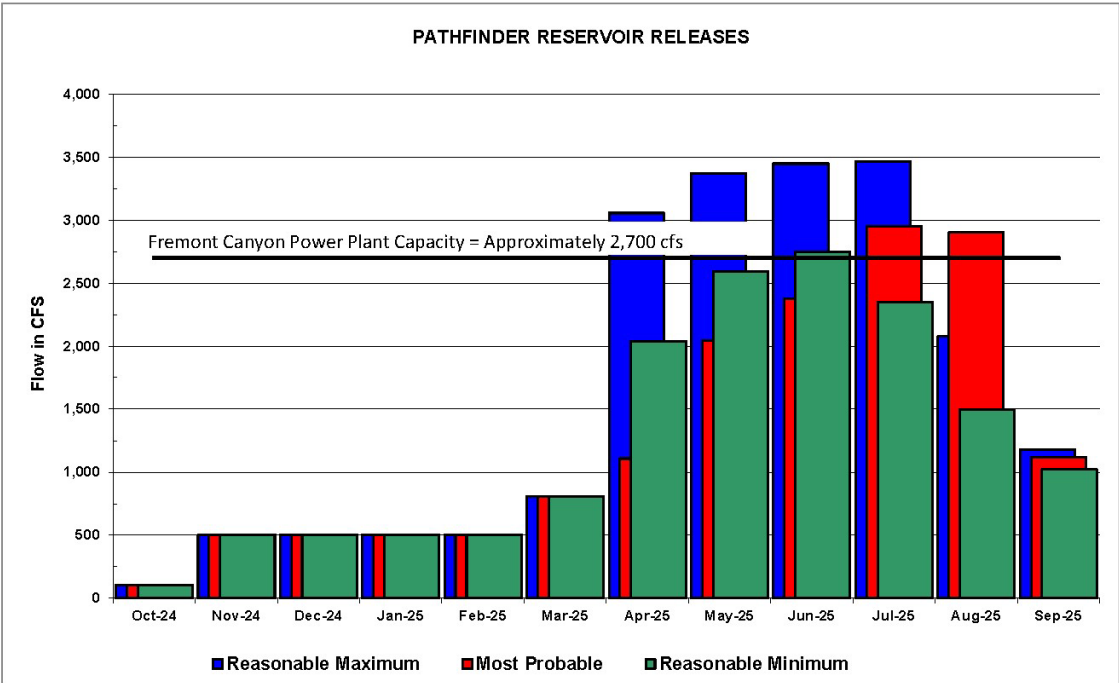
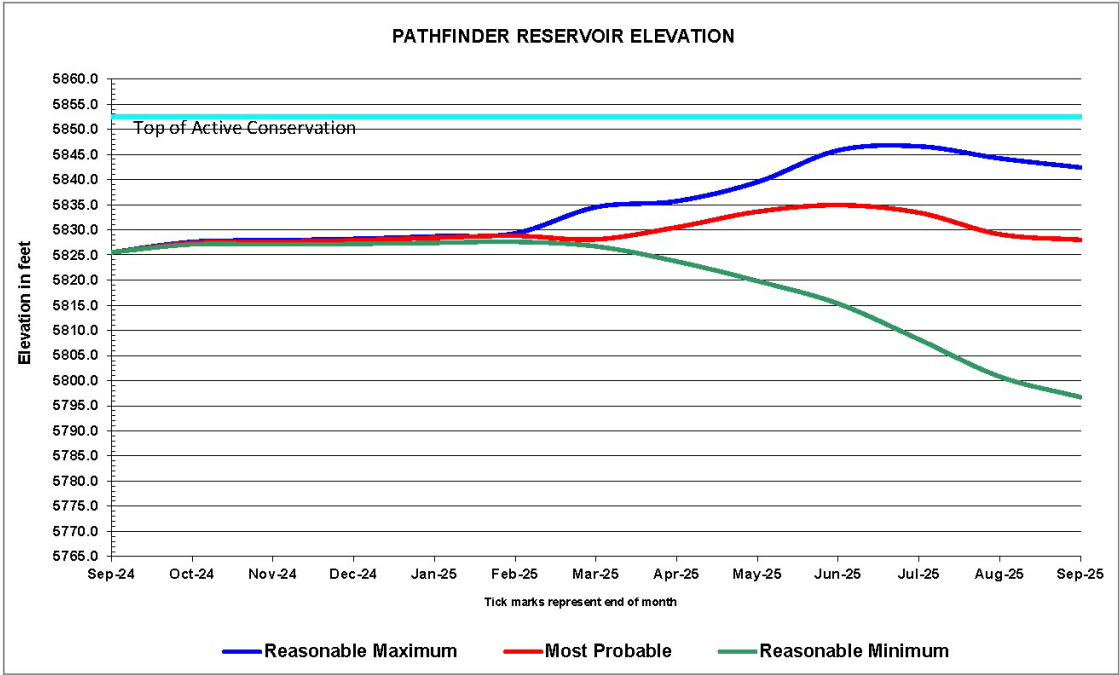


Figure 1. North Platte River System, Seminoe Reservoir to Guernsey Reservoir
Total System Conservation Capacity 2,815.9 kaf

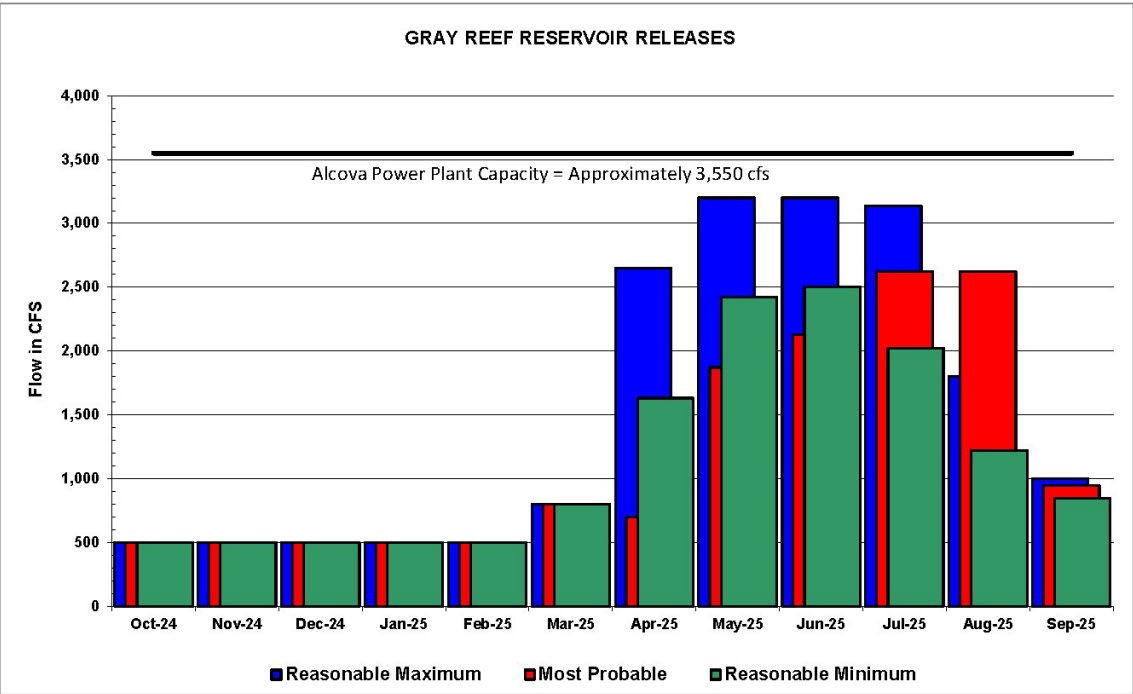
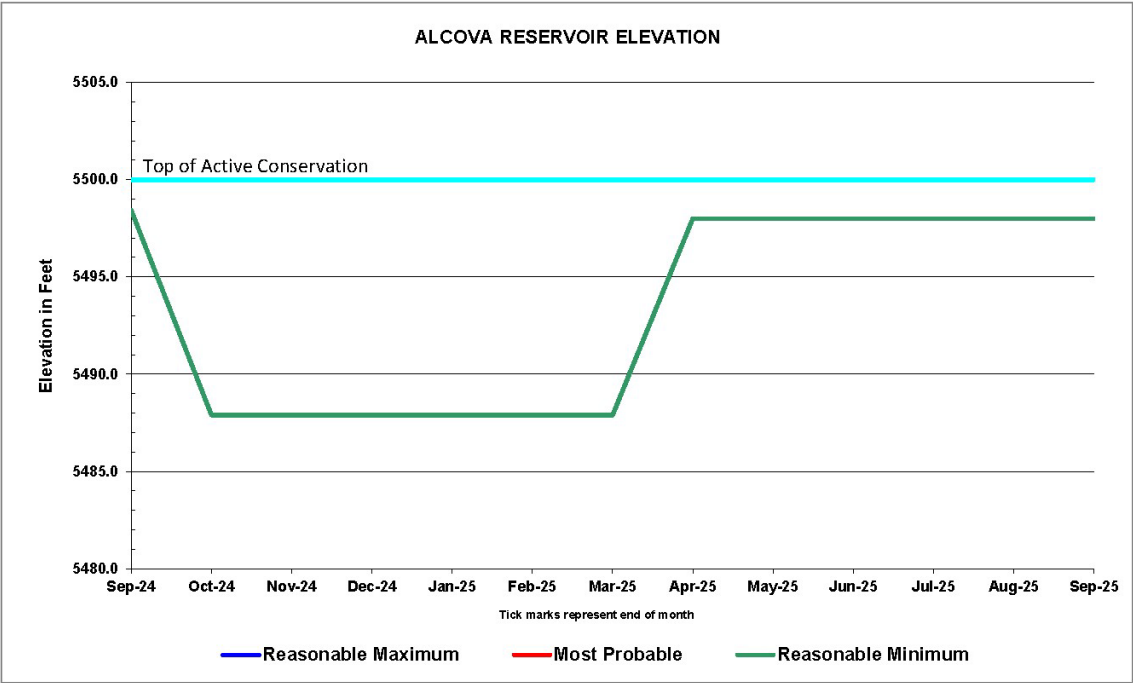
SEMINOE RESERVOIR



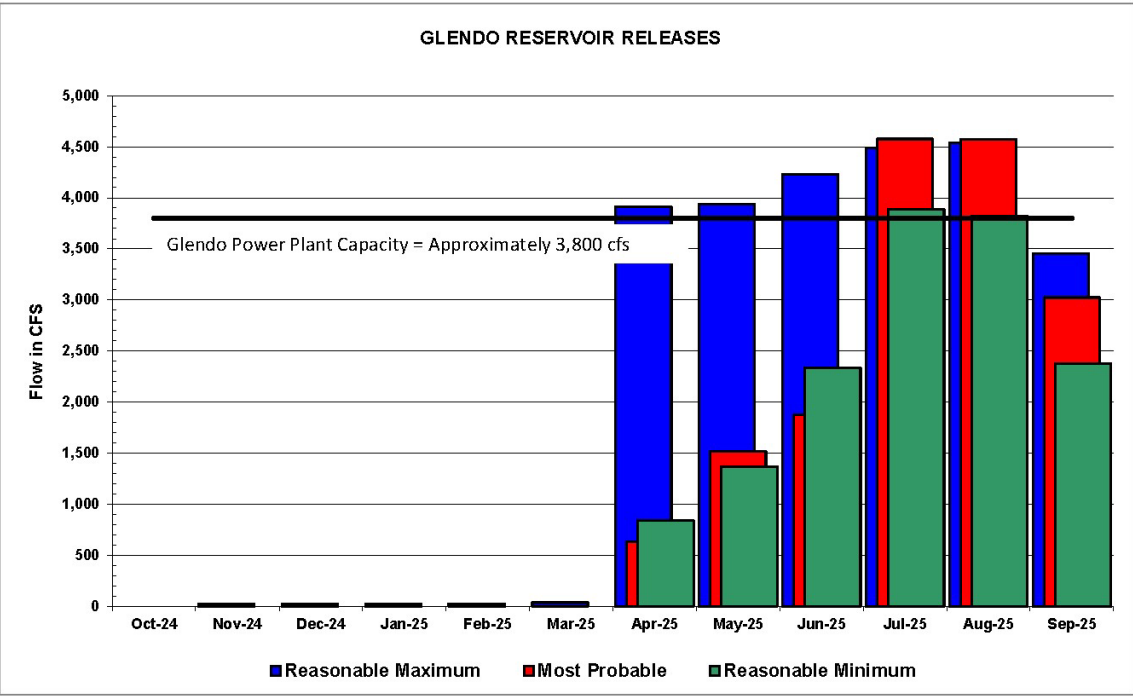
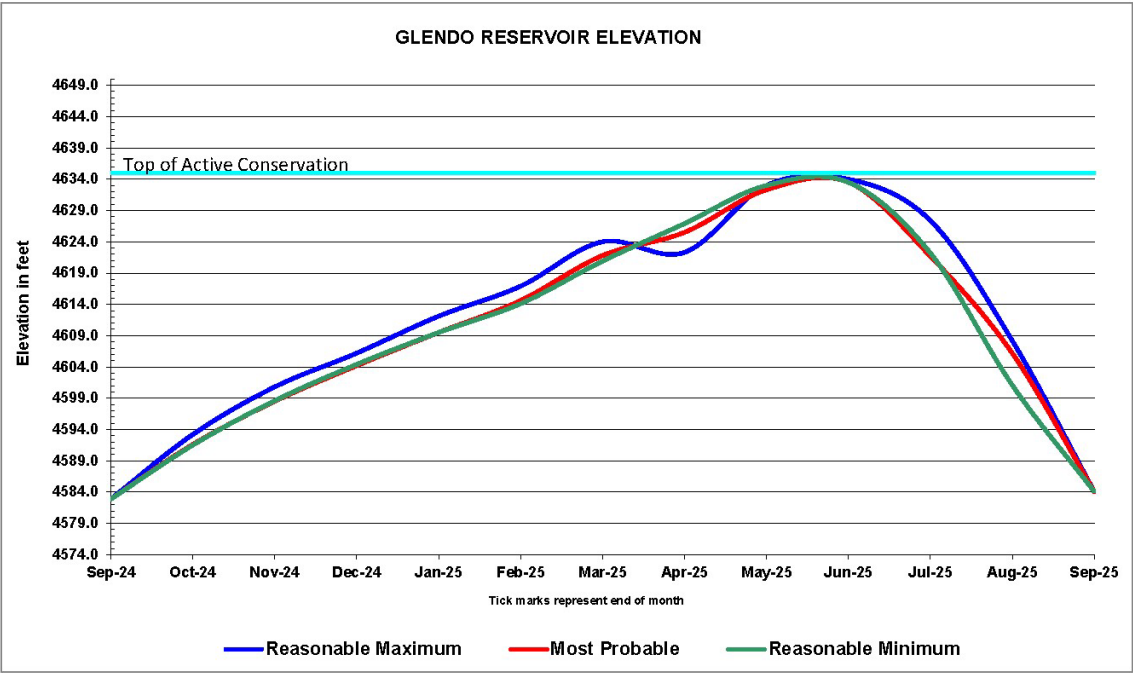
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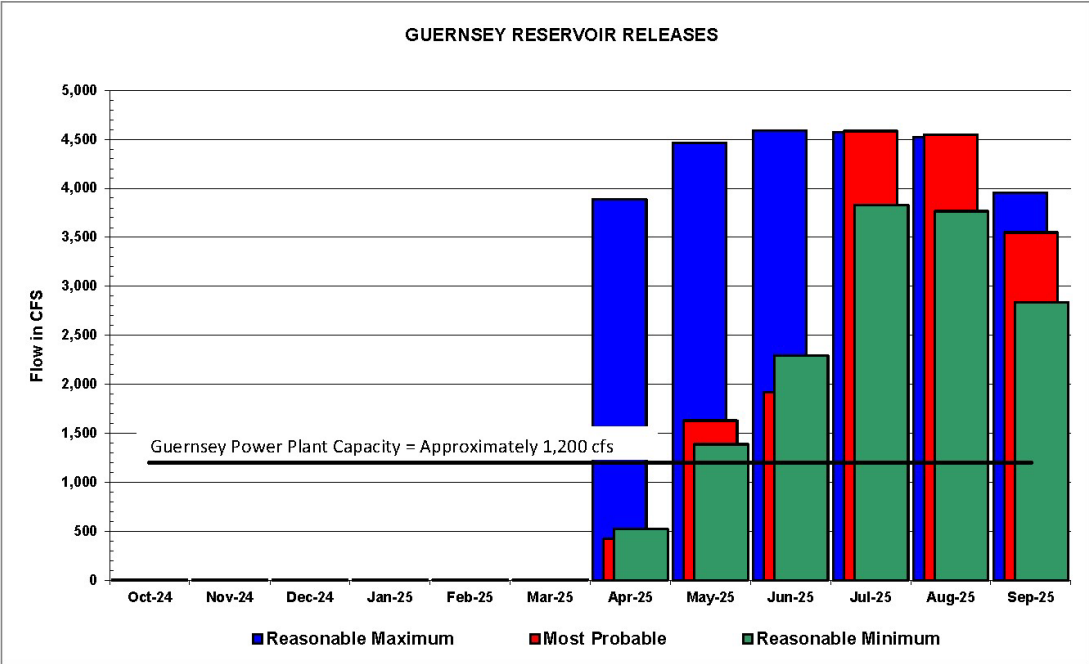
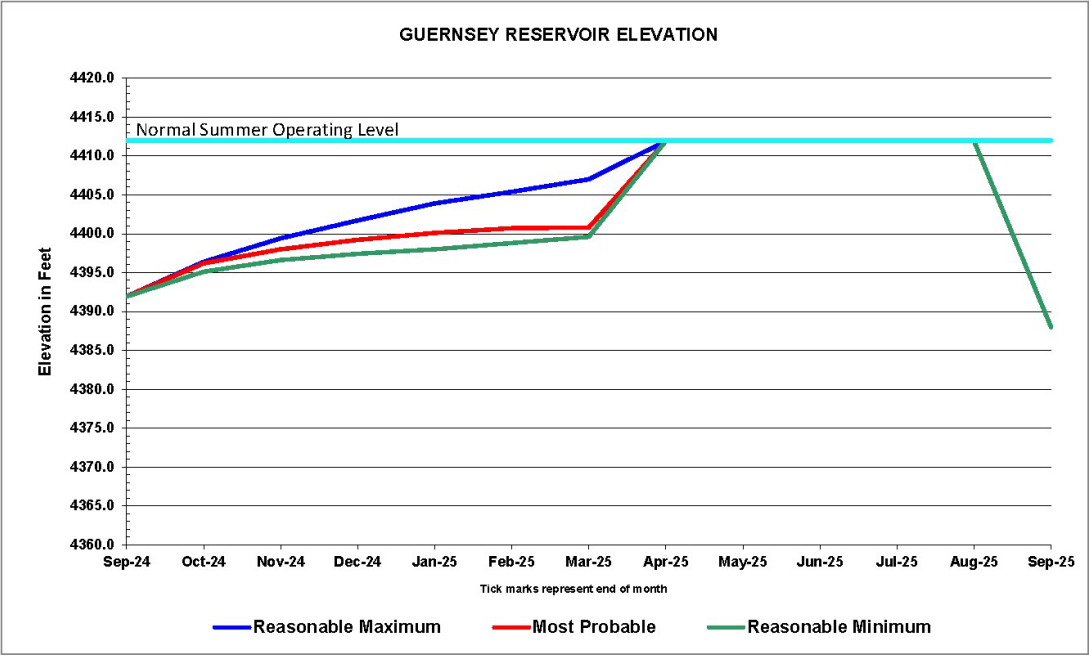
ALCOVA RESERVOIR



GLEND0 RESERVOIR



GUERNSEY RESERVOIR



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HYDROLOGY OPERATIONS

Seminoe Reservoir Operations			Initial Content				Operating Limits:				Max				1017.3 Kaf, 6357.00 Ft.			
			31.7 Kaf, 6239.02 Ft.								Min							
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total			
Total Inflow	kaf	29.8	28.1	24.5	22.8	24.2	54.0	114.2	235.0	311.7	91.9	33.5	18.9	988.6				
Total Inflow	cfs	485.	472.	398.	371.	436.	878.	1919.	3822.	5238.	1495.	545.	318.					
Turbine Release	kaf	32.7	31.5	32.6	32.6	29.4	32.6	59.5	159.9	154.7	110.7	68.7	38.1	783.0				
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Total Release	kaf	32.7	31.5	32.6	32.6	29.4	32.6	59.5	159.9	154.7	110.7	68.7	38.1	783.0				
Total Release	cfs	532.	529.	530.	530.	529.	530.	1000.	2601.	2600.	1800.	1117.	640.					
Evaporation	kaf	3.4	1.8	1.0	1.0	1.0	2.1	4.1	4.3	8.0	9.5	7.8	5.5	49.5				
End-month content	kaf	548.5	545.8	537.4	527.1	521.5#	541.6	592.5	659.9#	810.0	782.3	740.0*	716.0*					
End-month elevation	ft	6327.9	6327.7	6327.0	6326.1	6325.7	6327.3	6331.3	6336.2	6345.9	6344.2	6341.6	6340.0					
Kortes Reservoir Operations			Initial Content				Operating Limits:				Max				4.8 Kaf, 6142.73 Ft.			
			1.7 Kaf, 6092.73 Ft.								Min							
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total			
Total Inflow	kaf	32.7	31.5	32.6	32.6	29.4	32.6	59.5	159.9	154.7	110.7	68.7	38.1	783.0				
Total Inflow	cfs	532.	529.	530.	530.	529.	530.	1000.	2601.	2600.	1800.	1117.	640.					
Turbine Release	kaf	32.4	31.5	32.6	32.6	29.4	32.6	59.5	159.9	154.7	110.7	68.7	38.1	782.7				
Spillway Release	kaf	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2				
Total Release	kaf	32.6	31.5	32.6	32.6	29.4	32.6	59.5	159.9	154.7	110.7	68.7	38.1	782.9				
Total Release	cfs	530.	529.	530.	530.	529.	530.	1000.	2601.	2600.	1800.	1117.	640.					
Min reservoir rels	cfs	530.	530.	530.	530.	530.	530.	1000.	2600.	2600.	1800.	530.	530.					
Max reservoir rels	cfs	535.	535.	535.	535.	535.	535.	1500.	2600.	2600.	2600.	1800.	875.					
Pathfinder Reservoir Operations			Initial Content				Operating Limits:				Max				1095.0 Kaf, 5853.56 Ft.			
			572.3 Kaf								Min				31.4 Kaf, 5746.00 Ft.			
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total			
Sweetwater Inflow	kaf	3.3	3.5	3.5	3.7	3.8	5.1	12.4	17.9	15.9	4.7	2.1	1.2	77.1				
Kortes-Path Gain	kaf	1.3	-0.2	1.6	1.8	2.5	4.4	5.4	6.9	2.1	3.0	5.6	3.1	37.5				
Inflow from Kortes	kaf	32.6	31.5	32.6	32.6	29.4	32.6	59.5	159.9	154.7	110.7	68.7	38.1	782.9				
Total Inflow	kaf	37.2	34.8	37.7	38.1	35.7	42.1	77.3	184.7	172.7	118.4	76.4	42.4	897.5				
Total Inflow	cfs	605.	585.	613.	620.	643.	685.	1299.	3004.	2902.	1926.	1243.	713.					
Turbine Release	kaf	1.7	25.6	26.3	26.3	23.8	45.0	61.5	121.0	137.0	164.4	161.4	86.4	880.4				
Jetflow Release	kaf	4.6	4.5	4.6	4.6	4.2	4.6	4.5	4.6	4.5	4.6	4.6	4.5	54.4				
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Total Release	kaf	6.3	30.1	30.9	30.9	28.0	49.6	66.0	125.6	141.5	169.0	166.0	90.9	934.8				
Total Release	cfs	102.	506.	503.	503.	504.	807.	1109.	2043.	2378.	2749.	2700.	1528.					
Evaporation	kaf	4.1	2.3	1.2	1.1	1.2	2.7	4.9	6.3	9.6	10.4	8.3	5.6	57.7				
End-month content	kaf	599.1	601.5	607.1	613.2	619.7	609.5	615.9	668.7	690.3	629.3	531.4	477.3					
End-month elevation	ft	5827.4	5827.6	5827.9	5828.4	5828.8	5828.1	5828.5	5831.9	5833.2	5829.4	5822.5	5818.2					
Jetflow Release	cfs	75.	76.	75.	75.	76.	75.	76.	75.	76.	75.	75.	76.					
Min Release	cfs	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0					
Alcova Reservoir Operations			Initial Content				Operating Limits:				Max				184.4 Kaf, 5500.00 Ft.			
			180.6 Kaf								Min				98.4 Kaf, 5459.00 Ft.			
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total			
Total Inflow	kaf	6.3	30.1	30.9	30.9	28.0	49.6	66.0	125.6	141.5	169.0	166.0	90.9	934.8				
Total Inflow	cfs	102.	506.	503.	503.	504.	807.	1109.	2043.	2378.	2749.	2700.	1528.					
Turbine Release	kaf	30.3	29.8	30.7	30.7	27.8	49.2	41.7	115.1	126.8	149.1	149.1	80.5	860.8				
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				
Casper Canal Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	13.3	18.3	15.5	9.3	65.9				
Total Release	kaf	30.3	29.8	30.7	30.7	27.8	49.2	41.7	124.6	140.1	167.4	164.6	89.8	926.7				
Total Release	cfs	493.	501.	499.	499.	501.	800.	701.	2026.	2354.	2722.	2677.	1509.					
Evaporation	kaf	0.7	0.3	0.2	0.2	0.2	0.4	0.8	1.0	1.4	1.6	1.4	1.1	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*					
End-month elevation	ft	5487.9	5487.9	5487.9	5487.9	5487.9	5487.9	5498.0	5498.0	5498.0	5498.0	5498.0	5498.0					

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Based on October 2024 MOST Reasonable Historic Averages

April to July Inflows SEMINOLE 752.8 kaf, SWEETWATER 50.9 kaf, GLENDO 102.8 kaf

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Oct 2024

Gray Reef Reservoir Operations		Initial Content		1.5 Kaf			Operating Limits: Max			1.1 Kaf, 5327.42 Ft.		0.0 Kaf, 5306.00 Ft.		Total
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Total Inflow	kaf	30.3	29.8	30.7	30.7	27.8	49.2	41.7	115.1	126.8	149.1	149.1	80.5	860.8
Total Inflow	cfs	493.	501.	499.	499.	501.	800.	701.	1872.	2131.	2425.	2425.	1353.	
Total Release	kaf	30.7	29.8	30.7	30.7	27.8	49.2	41.7	115.1	126.7	149.0	149.0	80.4	860.8
Total Release	cfs	499.	501.	499.	499.	501.	800.	701.	1872.	2129.	2423.	2423.	1351.	
Min reservoir rels	cfs	500.	500.	500.	500.	500.	800.	500.	450.	2100.	2400.	2400.	900.	
Max reservoir rels	cfs	500.	500.	500.	500.	500.	800.	700.	2142.	3000.	3200.	2800.	1400.	
Glendo Reservoir Operations		Initial Content		95.3 Kaf			Operating Limits: Max			763.0 Kaf, 4653.00 Ft.		63.2 Kaf, 4573.94 Ft.		Total
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Alcova-Glendo Gain	kaf	9.2	9.4	6.9	8.6	13.4	16.1	35.0	55.6	12.9	-0.7	-1.7	4.4	169.1
Infl from Gray Reef	kaf	30.7	29.8	30.7	30.7	27.8	49.2	41.7	113.7	125.3	147.6	147.6	79.0	853.8
Total Inflow	kaf	39.9	39.2	37.6	39.3	41.2	65.3	76.7	170.7	139.6	148.3	147.3	84.8	1029.9
Total Inflow	cfs	649.	659.	612.	639.	742.	1062.	1289.	2776.	2346.	2412.	2396.	1425.	
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	36.1	91.8	110.0	230.1	221.4	178.3	867.7
Low Flow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	9.0
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	0.0	49.7	58.2	0.0	107.9
Total Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	37.6	93.3	111.5	281.3	281.1	179.8	984.6
Total Release	cfs	0.	0.	0.	0.	0.	0.	632.	1517.	1874.	4575.	4572.	3022.	
Evaporation	kaf	1.0	0.7	0.7	0.7	0.8	1.6	2.9	4.5	6.7	6.9	4.7	2.4	33.6
End-month content	kaf	134.2	172.7	209.6	248.2	288.6	352.3	388.5#	460.0*	480.0*	338.7	198.8	100.0*	
End-month elevation	ft	4591.6	4598.5	4604.2	4609.5	4614.6	4621.8	4625.5	4632.3	4634.0	4620.3	4602.6	4584.1	
Guernsey Reservoir Operations		Initial Content		3.6 Kaf			Operating Limits: Max			45.6 Kaf, 4419.99 Ft.		2.0 Kaf, 4387.97 Ft.		Total
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Glendo-Guerns Gain	kaf	3.0	1.9	1.7	1.4	1.0	0.8	5.4	7.7	3.7	1.7	-0.5	5.9	33.7
Inflow from Glendo	kaf	0.0	0.0	0.0	0.0	0.0	0.0	37.6	93.3	111.5	281.3	281.1	179.8	984.6
Total Inflow	kaf	3.0	1.9	1.7	1.4	1.0	0.8	43.0	101.0	115.2	283.0	280.6	185.7	1018.3
Total Inflow	cfs	49.	32.	28.	23.	18.	13.	723.	1643.	1936.	4603.	4564.	3121.	
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	24.7	53.6	51.8	53.6	53.6	55.8	293.1
Seepage	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	1.2	3.0	3.1	2.5	0.3	12.1
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	45.4	59.4	225.2	223.6	155.1	708.7
Total Release	kaf	0.3	0.2	0.3	0.3	0.2	0.3	25.1	100.2	114.2	281.9	279.7	211.2	1013.9
Total Release	cfs	5.	3.	5.	5.	4.	5.	422.	1630.	1919.	4585.	4549.	3549.	
Evaporation	kaf	0.1	0.2	0.2	0.2	0.2	0.3	0.5	0.8	1.0	1.1	0.9	0.5	6.0
End-month content	kaf	6.2#	7.7#	8.9#	9.8#	10.4#	10.6#	28.0*	28.0*	28.0*	28.0*	28.0*	2.0*	
End-month elevation	ft	4396.2	4398.0	4399.2	4400.1	4400.7	4400.8	4411.9	4411.9	4411.9	4411.9	4411.9	4388.0	
Physical EOM Cont	kaf	1449.8	1489.5	1524.8	1560.1	1602.0	1675.8	1810.2	2001.9	2193.6	1963.6	1683.5	1480.6	

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Based on October 2024 MOST Reasonable Historic Averages

April to July Inflows SEMINOLE 752.8 kaf, SWEETWATER 50.9 kaf, GLENDO 102.8 kaf

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Oct 2024

OWNERSHIP OPERATIONS

North Platte Pathfinder Initial Ownership 437.4 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Net Accrual	kaf	31.5	29.7	28.5	27.2	29.3	60.9	126.9	236.0	62.6	0.0	0.0	0.0	632.6
Evaporation	kaf	2.9	1.7	1.1	1.1	1.2	2.6	5.1	7.2	13.5	14.5	10.9	6.1	67.9
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131.7	235.7	173.7	541.1
End-month Ownership	kaf	468.9	498.6	527.1	554.3	583.6	644.5	771.4	1007.4	1070.0	923.8	677.2	497.4	

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

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Net Accrual	kaf	0.0	0.0	8.3	9.7	14.2	13.4	0.0	0.0	0.0	0.0	0.0	0.0	45.6
Evaporation/Seepage	kaf	0.0	0.0	0.3	0.3	0.2	0.4	0.4	0.4	0.6	0.6	0.0	0.0	3.2
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.6	0.0	0.0	43.6
End-month Ownership	kaf	0.0	0.0	8.3	18.0	32.2	45.6	45.2	44.8	44.2	0.0	0.0	0.0	

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

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Net Accrual	kaf	11.9	11.1	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	46.0
Evaporation/Seepage	kaf	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	1.3
Trnsfr fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	25.1	20.3	0.0	0.0	0.0	0.0	45.4
End-month Ownership	kaf	11.9	23.0	22.9	22.8	22.7	22.6	20.5	-0.0	-0.0	-0.0	-0.0	-0.0	

Kendrick Initial Ownership 831.5 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Net Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130.7	0.0	0.0	0.0	130.7
Evaporation	kaf	5.5	3.0	1.8	1.7	1.8	3.6	6.4	7.5	10.6	12.4	10.5	7.8	72.6
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	19.7	16.9	10.7	58.2
End-month Ownership	kaf	826.0	823.0	821.2	819.5	817.7	814.1	807.7	789.3	920.0	887.9	860.5	842.0	

Glendo Unit Initial Ownership 129.9 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	3.1	17.2	0.0	0.0	0.0	0.0	0.0	20.3
Evaporation	kaf	0.8	0.5	0.3	0.3	0.3	0.6	1.0	1.4	1.9	1.9	1.6	1.1	11.7
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	5.0	4.0	15.0
End-month Ownership	kaf	129.1	128.6	128.3	128.0	127.7	130.2	146.4	145.0	143.1	135.2	128.6	123.5	

Re-regulation Initial Ownership 0.0 Kaf, Accrued this water year: 0.0 Kaf

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Accrual	kaf	0.0	0.0	0.0	0.0	0.0	0.0	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	

City of Cheyenne Initial Ownership 3.9 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
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	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.6
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.6	0.5	0.0	0.0	6.1
Ownership	kaf	4.6	7.1	7.8	8.3	8.9	9.7	9.9	6.4	7.4	7.9	8.5	9.1	

Pacificorp Initial Ownership 2.0 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Ownership	kaf	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	

Other Initial Ownership 7.4 Kaf,

		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.8
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
Ownership	kaf	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6	

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Based on October 2024 MOST Reasonable Historic Averages
April to July Inflows SEMINOE 752.8 kaf, SWEETWATER 50.9 kaf, GLENDO 102.8 kaf

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Oct 2024

Ownership EOM Cont kaf 1449.8 1489.5 1524.8 1560.1 1602.0 1675.8 1810.2 2001.9 2193.6 1963.6 1683.5 1480.6

IRRIGATION DELIVERY

		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	9.5	13.3	18.3	15.5	9.3	65.9
Delivered	kaf	0.0	0.0	0.0	0.0	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	0.0	1.4	1.4	1.4	1.4	1.4	7.0
Delivered	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4	1.4	7.0
Guernsey Deliveries		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
North Platte Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.9	112.2	275.9	274.7	207.2	949.9
Glendo Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.0	5.0	4.0	17.0
Inland Lakes Req	kaf	0.0	0.0	0.0	0.0	0.0	0.0	25.1	20.3	0.0	0.0	0.0	0.0	45.4
Total Requirement	kaf	0.0	0.0	0.0	0.0	0.0	0.0	25.1	100.2	114.2	281.9	279.7	211.2	1012.3
Seepage	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	1.2	3.0	3.1	2.5	0.3	12.1
Actual Release	kaf	0.3	0.2	0.3	0.3	0.2	0.3	25.1	100.2	114.2	281.9	279.7	211.2	1013.9

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Based on October 2024 MOST Reasonable Historic Averages

April to July Inflows SEMINOLE 752.8 kaf, SWEETWATER 50.9 kaf, GLENDO 102.8 kaf

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Oct 2024

POWER GENERATION

Seminole Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Turbine Release	kaf	32.7	31.5	32.6	32.6	29.4	32.6	59.5	159.9	154.7	110.7	68.7	38.1	783.0
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	30.715	29.646	30.527	30.363	27.288	30.350	30.009	32.109	32.398	33.460	33.488	32.402	372.755
Actual generation	gwh	5.226	5.021	5.178	5.147	4.619	5.145	9.543	26.275	26.323	19.262	11.816	6.477	130.032
Percent max generation		17.	17.	17.	17.	17.	17.	32.	82.	81.	58.	35.	20.	35.
Average kwh/af		160.	159.	159.	158.	157.	158.	160.	164.	170.	174.	172.	170.	166.
Kortes Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Turbine Release	kaf	32.4	31.5	32.6	32.6	29.4	32.6	59.5	159.9	154.7	110.7	68.7	38.1	782.7
Bypass	kaf	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Maximum generation	gwh	5.573	26.712	27.606	27.606	24.940	27.606	26.712	27.606	26.712	27.606	27.606	26.712	302.997
Actual generation	gwh	5.573	5.418	5.607	5.607	5.057	5.607	10.234	27.503	26.608	19.040	11.816	6.553	134.623
Percent max generation		100.	20.	20.	20.	20.	20.	38.	100.	100.	69.	43.	25.	44.
Average kwh/af		172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.
Fremont Canyon		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Turbine Release	kaf	1.7	25.6	26.3	26.3	23.8	45.0	61.5	121.0	137.0	164.4	161.4	86.4	880.4
Bypass	kaf	4.6	4.5	4.6	4.6	4.2	4.6	4.5	4.6	4.5	4.6	4.6	4.5	54.4
Maximum generation	gwh	45.065	43.766	45.285	45.354	41.023	45.407	43.908	45.735	44.593	45.914	45.002	42.668	533.720
Actual generation	gwh	0.453	6.849	7.043	7.054	6.394	12.083	16.506	32.726	37.343	44.638	42.953	22.534	236.576
Percent max generation		1.	16.	16.	16.	16.	27.	38.	72.	84.	97.	95.	53.	44.
Average kwh/af		266.	268.	268.	268.	269.	269.	268.	270.	273.	272.	266.	261.	269.
Alcova Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Turbine Release	kaf	30.3	29.8	30.7	30.7	27.8	49.2	41.7	115.1	126.8	149.1	149.1	80.5	860.8
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	27.179	26.588	27.472	27.472	24.820	27.472	26.275	27.552	26.656	27.552	27.552	26.656	323.246
Actual generation	gwh	4.184	4.053	4.175	4.175	3.781	6.691	5.755	16.114	17.752	20.874	20.874	11.270	119.698
Percent max generation		15.	15.	15.	15.	15.	24.	22.	58.	67.	76.	76.	42.	37.
Average kwh/af		138.	136.	136.	136.	136.	136.	138.	140.	140.	140.	140.	140.	139.
Glendo Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	36.1	91.8	110.0	230.1	221.4	178.3	867.7
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	51.2	59.7	1.5	116.9
Maximum generation	gwh	0.000	0.000	0.000	0.000	0.000	0.000	23.093	25.397	25.877	24.967	20.864	14.912	135.110
Actual generation	gwh	0.000	0.000	0.000	0.000	0.000	0.000	3.808	10.067	12.452	24.967	20.864	12.919	85.077
Percent max generation		0.	0.	0.	0.	0.	0.	16.	40.	48.	100.	100.	87.	63.
Average kwh/af		0.	0.	0.	0.	0.	0.	105.	110.	113.	109.	94.	72.	98.
Guernsey Power Plant		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Turbine Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	24.7	53.6	51.8	53.6	53.6	55.8	293.1
Bypass	kaf	0.3	0.2	0.3	0.3	0.2	0.3	0.4	46.6	62.4	228.3	226.1	155.4	720.8
Maximum generation	gwh	0.000	0.000	0.000	0.000	0.000	0.000	3.539	3.795	3.667	3.795	3.795	3.404	21.995
Actual generation	gwh	0.000	0.000	0.000	0.000	0.000	0.000	1.613	3.795	3.667	3.795	3.795	3.404	20.069
Percent max generation		0.	0.	0.	0.	0.	0.	46.	100.	100.	100.	100.	100.	91.
Average kwh/af		0.	0.	0.	0.	0.	0.	65.	71.	71.	71.	71.	61.	68.