

Based on Expected April 2018 April - July Inflows: Seminole 575 kaf, Sweetwater 40 kaf, Glendo 100 kaf

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Apr 2018

Gray Reef Reservoir Operations		Initial Content						1.8 Kaf			Operating Limits: Max			1.1 Kaf, 5327.42 Ft.		
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		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Total Inflow	kaf	58.8	114.2	177.4	159.9	147.7	98.8	30.7	29.8	30.7	30.7	27.8	49.2			
Total Inflow	cfs	988.	1857.	2981.	2601.	2402.	1660.	499.	501.	499.	499.	501.	800.			
Total Release	kaf	59.5	114.2	177.3	159.8	147.6	98.7	30.7	29.8	30.7	30.7	27.8	49.2			
Total Release	cfs	1000.	1857.	2980.	2599.	2400.	1659.	499.	501.	499.	499.	501.	800.			
Glendo Reservoir Operations		Initial Content						357.4 Kaf			Operating Limits: Max			789.4 Kaf, 4654.45 Ft.		
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		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Alcova-Glendo Gain	kaf	33.8	56.0	11.2	-1.1	-2.9	7.2	10.5	10.3	6.9	9.0	15.6	17.9			
Infl from Gray Reef	kaf	59.5	114.2	177.3	159.8	147.6	98.7	30.7	29.8	30.7	30.7	27.8	49.2			
Total Inflow	kaf	93.3	170.2	188.5	158.7	144.7	105.9	41.2	40.1	37.6	39.7	43.4	67.1			
Total Inflow	cfs	1568.	2768.	3168.	2581.	2353.	1780.	670.	674.	612.	646.	781.	1091.			
Turbine Release	kaf	7.8	160.2	169.2	226.1	221.4	127.9	0.0	0.0	0.0	0.0	0.0	0.0			
Low Flow Release	kaf	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5			
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Irrigation Release	kaf	0.0	0.0	0.0	92.5	65.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Total Release	kaf	9.3	161.7	170.7	320.1	288.5	129.4	1.5	1.5	1.5	1.5	1.5	1.5			
Total Release	cfs	156.	2630.	2869.	5206.	4692.	2175.	24.	25.	24.	24.	27.	24.			
Evaporation	kaf	3.0	4.7	6.4	6.4	4.1	2.1	1.1	0.7	0.7	0.7	0.8	1.7			
End-month content	kaf	438.4*	442.2*	453.6*	285.4*	135.6*	110.0*	148.6	186.5	221.9	259.4	300.5	364.4*			
End-month elevation	ft	4630.3	4630.7	4631.7	4614.2	4591.9	4586.4	4594.4	4600.8	4606.0	4611.0	4616.0	4623.1			
Guernsey Reservoir Operations		Initial Content						24.8 Kaf			Operating Limits: Max			45.6 Kaf, 4419.99 Ft.		
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		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Glendo-Guerns Gain	kaf	4.4	6.6	2.1	1.8	0.2	4.0	2.6	1.6	1.4	1.2	0.8	0.5			
Inflow from Glendo	kaf	9.3	161.7	170.7	320.1	288.5	129.4	1.5	1.5	1.5	1.5	1.5	1.5			
Total Inflow	kaf	13.7	168.3	172.8	321.9	288.7	133.4	4.1	3.1	2.9	2.7	2.3	2.0			
Total Inflow	cfs	230.	2737.	2904.	5235.	4695.	2242.	67.	52.	47.	44.	41.	33.			
Turbine Release	kaf	9.6	53.6	51.8	53.6	53.6	55.8	0.0	0.0	0.0	0.0	0.0	0.0			
Seepage	kaf	0.4	1.2	3.0	3.1	2.5	0.3	0.3	0.2	0.3	0.4	0.3	0.3			
Spillway Release	kaf	0.0	112.8	117.0	264.1	231.7	102.8	0.0	0.0	0.0	0.0	0.0	0.0			
Total Release	kaf	10.0	167.6	171.8	320.8	287.8	158.9	0.3	0.2	0.3	0.4	0.3	0.3			
Total Release	cfs	168.	2726.	2887.	5217.	4681.	2670.	5.	3.	5.	7.	5.	5.			
Evaporation	kaf	0.5	0.7	1.0	1.1	0.9	0.5	0.1	0.2	0.2	0.2	0.2	0.3			
End-month content	kaf	28.0*	28.0*	28.0*	28.0*	28.0*	2.0*	5.7	8.4	10.8	12.9	14.7	16.1			
End-month elevation	ft	4411.9	4411.9	4411.9	4411.9	4411.9	4388.0	4395.5	4398.7	4401.0	4402.8	4404.1	4405.1			
Physical EOM Cont	kaf	2301.8	2365.5	2418.2	2127.1	1836.3	1685.6	1722.0	1761.7	1794.5	1827.8	1870.1	1944.5			

Based on Expected April 2018 April - July Inflows: Seminole 575 kaf, Sweetwater 40 kaf, Glendo 100 kaf

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning Apr 2018

City of Cheyenne		Initial Ownership 9.1 Kaf,											
-----		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
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Inflow	kaf	0.3	0.6	2.7	1.1	0.7	0.7	0.7	2.5	0.7	0.5	0.6	0.8
Evaporation	kaf	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1
Release	kaf	0.0	4.0	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	9.4	5.9	6.9	7.4	8.0	8.7	9.3	11.7	12.4	12.9	13.5	14.2
PacifiCorp		Initial Ownership 2.0 Kaf,											
-----		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
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Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	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 9.1 Kaf,											
-----		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
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Inflow	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	9.0	8.9	8.8	8.3	6.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2

IRRIGATION DELIVERY

Kendrick (Casper Canal)		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
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Requested	kaf	0.0	10.0	14.0	17.0	16.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
Delivered	kaf	0.0	10.0	14.0	17.0	16.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
Kendrick (River)		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
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Requested	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delivered	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Guernsey Deliveries		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
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North Platte Req	kaf	0.0	131.9	169.8	314.8	282.8	154.9	0.0	0.0	0.0	0.0	0.0	0.0
Glendo Req	kaf	0.0	0.0	2.0	6.0	5.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
Inland Lakes Req	kaf	10.0	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Requirement	kaf	10.0	167.6	171.8	320.8	287.8	158.9	0.0	0.0	0.0	0.0	0.0	0.0
Seepage	kaf	0.4	1.2	3.0	3.1	2.5	0.3	0.3	0.2	0.3	0.4	0.3	0.3
Actual Release	kaf	10.0	167.6	171.8	320.8	287.8	158.9	0.3	0.2	0.3	0.4	0.3	0.3
Ownership EOM Cont	kaf	2301.8	2365.5	2418.2	2127.1	1836.3	1685.6	1722.0	1761.7	1794.5	1827.8	1870.1	1944.5

Based on Expected April 2018 April - July Inflows: Seminoe 575 kaf, Sweetwater 40 kaf, Glendo 100 kaf

NORTH PLATTE RIVER OPERATING PLAN
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POWER GENERATION

Seminoe Power Plant		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Turbine Release	kaf	144.6	160.5	155.3	103.8	67.7	41.7	32.6	31.5	32.6	32.6	29.4	49.2
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	32.044	33.480	32.357	33.408	33.488	32.402	33.487	15.843	16.192	20.748	18.863	22.068
Actual generation	gwh	24.871	27.374	26.858	18.061	11.644	7.089	5.527	5.326	5.493	5.477	4.930	8.244
Percent max generation		78.	82.	83.	54.	35.	22.	17.	34.	34.	26.	26.	37.
Average kwh/af		172.	171.	173.	174.	172.	170.	170.	169.	168.	168.	168.	168.
Kortes Power Plant		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Turbine Release	kaf	144.5	160.5	155.3	103.8	67.7	41.7	32.6	31.5	32.6	32.6	29.4	49.2
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	27.434	27.606	26.712	27.606	27.606	26.712	27.606	21.964	18.404	21.672	16.632	23.426
Actual generation	gwh	24.854	27.606	26.712	17.854	11.644	7.172	5.607	5.418	5.607	5.607	5.057	8.462
Percent max generation		91.	100.	100.	65.	42.	27.	20.	25.	30.	26.	30.	36.
Average kwh/af		172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.
Fremont Canyon		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Turbine Release	kaf	76.6	120.6	163.6	169.1	160.5	105.4	3.3	25.6	26.3	26.3	23.8	45.0
Bypass	kaf	4.5	4.6	29.2	9.4	4.6	4.5	4.6	4.5	4.6	4.6	4.2	4.6
Maximum generation	gwh	45.701	47.280	45.747	47.243	47.166	44.879	46.172	23.159	23.144	40.378	41.899	46.447
Actual generation	gwh	21.398	33.720	45.747	47.243	44.768	28.913	0.901	7.008	7.204	7.209	6.530	12.360
Percent max generation		47.	71.	100.	100.	95.	64.	2.	30.	31.	18.	16.	27.
Average kwh/af		279.	280.	280.	279.	279.	274.	273.	274.	274.	274.	274.	275.
Alcova Power Plant		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Turbine Release	kaf	58.8	114.2	177.4	159.9	147.7	98.8	30.7	29.8	30.7	30.7	27.8	49.2
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	24.553	27.552	26.656	27.552	27.552	26.656	27.158	26.588	27.472	19.951	14.171	13.736
Actual generation	gwh	8.124	15.988	24.836	22.386	20.678	13.832	4.237	4.053	4.175	4.175	3.781	6.691
Percent max generation		33.	58.	93.	81.	75.	52.	16.	15.	15.	21.	27.	49.
Average kwh/af		138.	140.	140.	140.	140.	140.	138.	136.	136.	136.	136.	136.
Glendo Power Plant		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Turbine Release	kaf	7.8	160.2	169.2	226.1	221.4	127.9	0.0	0.0	0.0	0.0	0.0	0.0
Bypass	kaf	1.5	1.5	1.5	94.0	67.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Maximum generation	gwh	23.849	25.862	25.241	23.837	18.991	13.452	14.271	15.925	13.817	13.547	13.332	22.799
Actual generation	gwh	0.839	17.766	18.864	23.837	18.991	8.522	0.000	0.000	0.000	0.000	0.000	0.000
Percent max generation		4.	69.	75.	100.	100.	63.	0.	0.	0.	0.	0.	0.
Average kwh/af		108.	111.	111.	105.	86.	67.	0.	0.	0.	0.	0.	0.
Guernsey Power Plant		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Turbine Release	kaf	9.6	53.6	51.8	53.6	53.6	55.8	0.0	0.0	0.0	0.0	0.0	0.0
Bypass	kaf	0.4	114.0	120.0	267.2	234.2	103.1	0.3	0.2	0.3	0.4	0.3	0.3
Maximum generation	gwh	3.639	3.795	3.667	3.795	3.795	3.404	2.318	1.884	3.301	3.402	1.848	3.531
Actual generation	gwh	0.670	3.795	3.667	3.795	3.795	3.404	0.000	0.000	0.000	0.000	0.000	0.000
Percent max generation		18.	100.	100.	100.	100.	100.	0.	0.	0.	0.	0.	0.
Average kwh/af		70.	71.	71.	71.	71.	61.	0.	0.	0.	0.	0.	0.