

January 1, 2019

**SEMINOE INFLOW**

**Actual Inflows for the past 12 months (1,000 Acre-Feet):**

<u>Month</u>	<u>Inflow</u>	<u>Percent of Normal</u>
January	30.8	122
February	27.5	103
March	43.1	74
April	63.5	64
May	198.0	89
June	104.3	37
July	30.2	32
August	15.3	50
September	6.8	34
October	19.3	70
November	18.3	63
December	20.7	81

**December 31, 2018 Seminoe Elevation and Storage:** 6,334.07 feet & 629,454 acre-feet (AF)

**December 31, 2018 Kortes Elevation and Storage:** 6,141.83 feet & 4,725 AF

**KORTES TO PATHFINDER RESERVOIR COMPUTED RIVER GAINS**

**Actual Gains for the past 12 months (1,000 Acre-Feet):**

<u>Month</u>	<u>Inflow</u>	<u>Percent of Normal</u>
January	5.3	85
February	6.5	94
March	8.2	69
April	14.1	84
May	14.7	62
June	10.0	48
July	5.0	81
August	0.4	8
September	2.1	55
October	4.7	102
November	1.1	27
December	2.2	48

**December 31, 2018 Pathfinder Elevation and Storage:** 5,829.00 feet & 623,085 AF

**December 31, 2018 Alcova Elevation and Storage:** 5,488.48 feet & 157,125 AF

**December 31, 2018 Gray Reef Elevation and Storage:** 5,330.88 feet & 1,604 AF

**ALCOVA TO GLENDO RESERVOIR COMPUTED RIVER GAINS**

**Actual Gains for the past 12 months (1,000 Acre-Feet):**

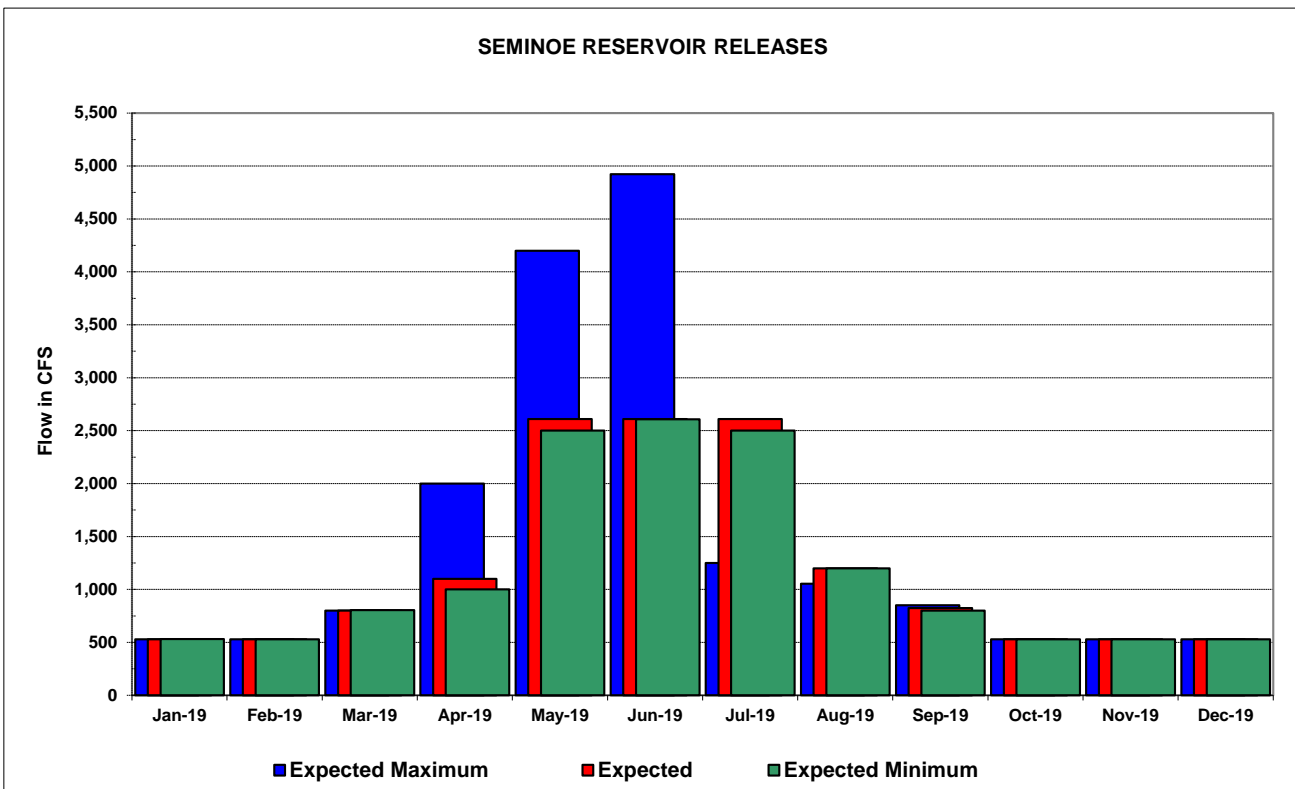
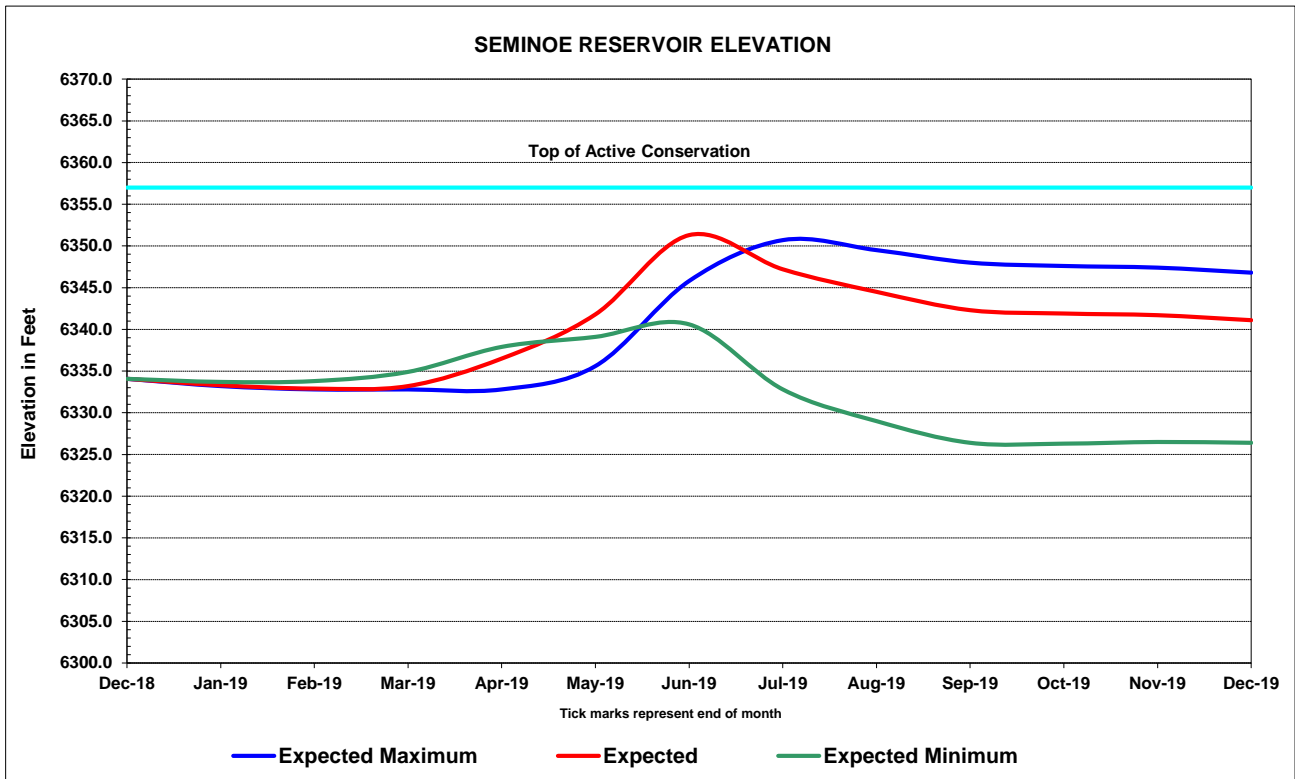
<u>Month</u>	<u>Inflow</u>	<u>Percent of Normal</u>
January	13.1	130
February	8.2	70
March	19.6	113
April	18.4	45
May	24.0	35
June	19.3	78
July	9.4	N/A <sup>1</sup>
August	1.0	100
September	4.9	58
October	9.0	83
November	8.7	90
December	6.7	100

<sup>1</sup> Represents a negative or very small average number that makes the percentage meaningless.

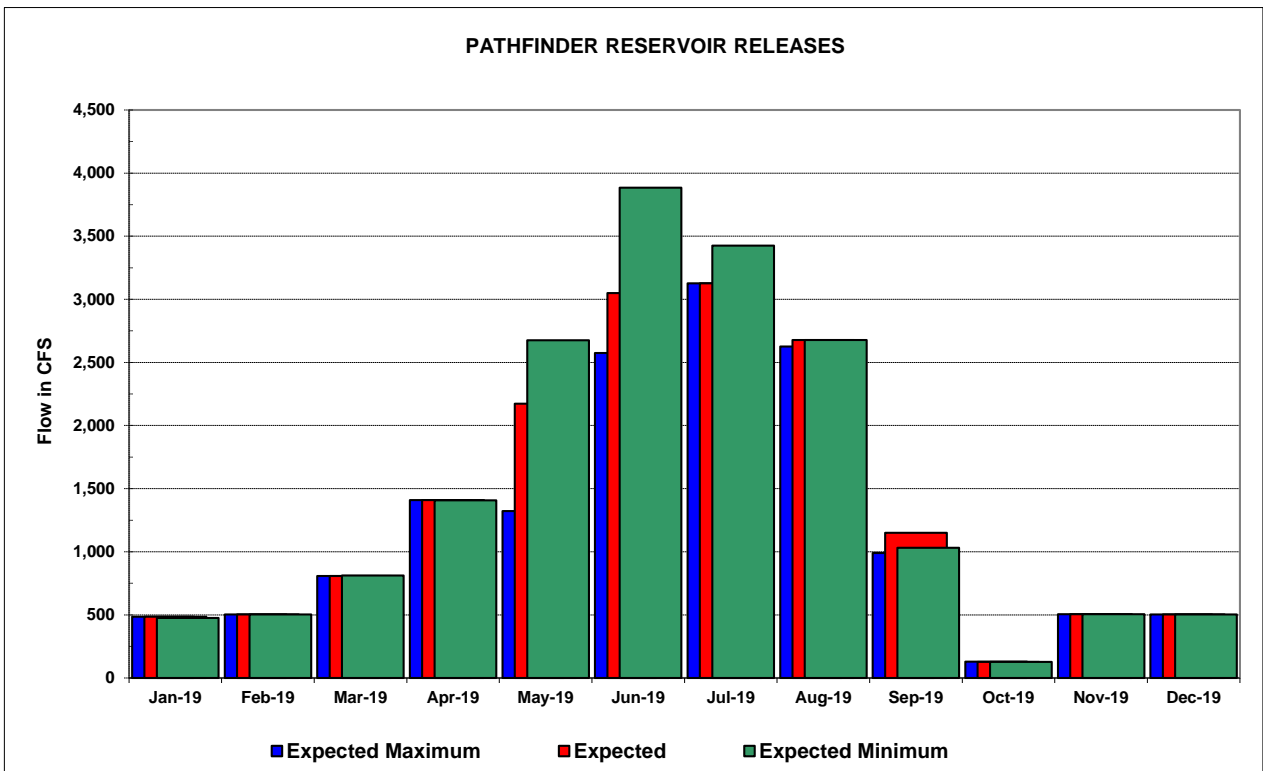
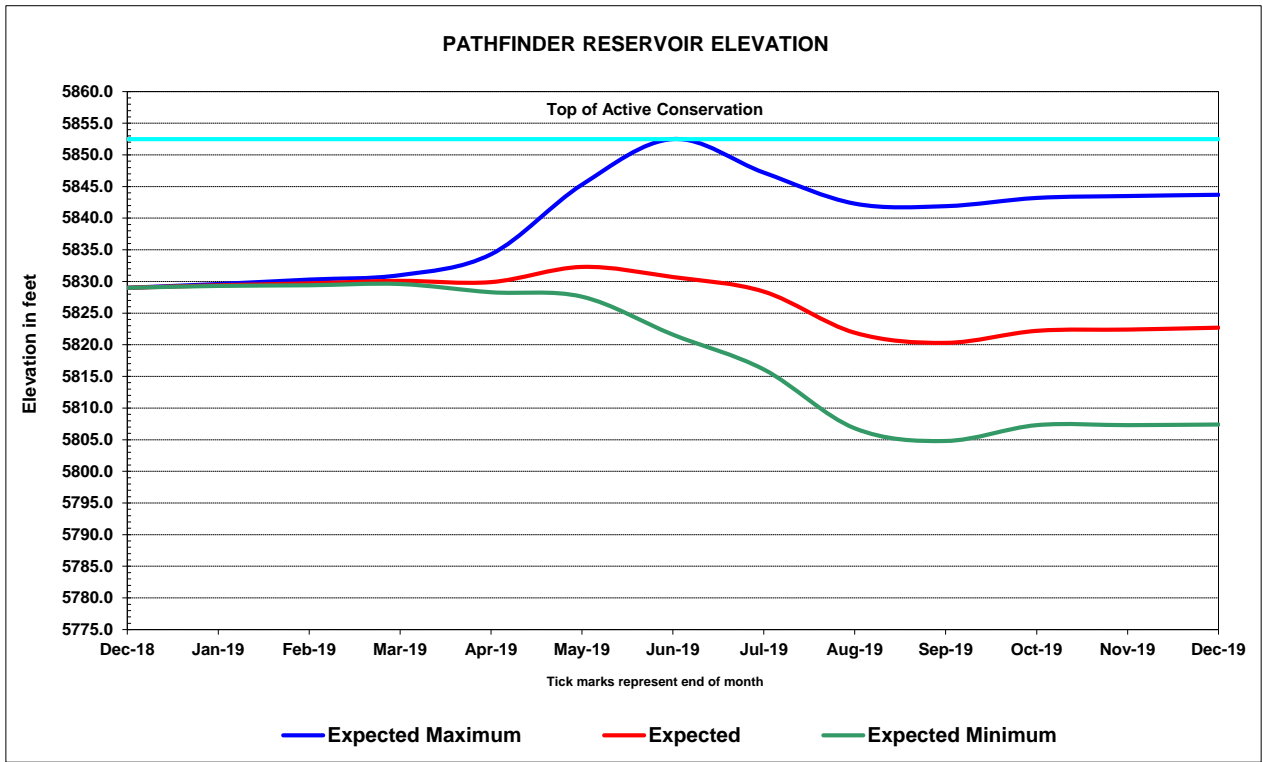
**December 31, 2018 Glendo Elevation and Storage:** 4,611.90 feet & 266,643 AF

**December 31, 2018 Guernsey Elevation and Storage:** 4,402.28 feet & 12,311 AF

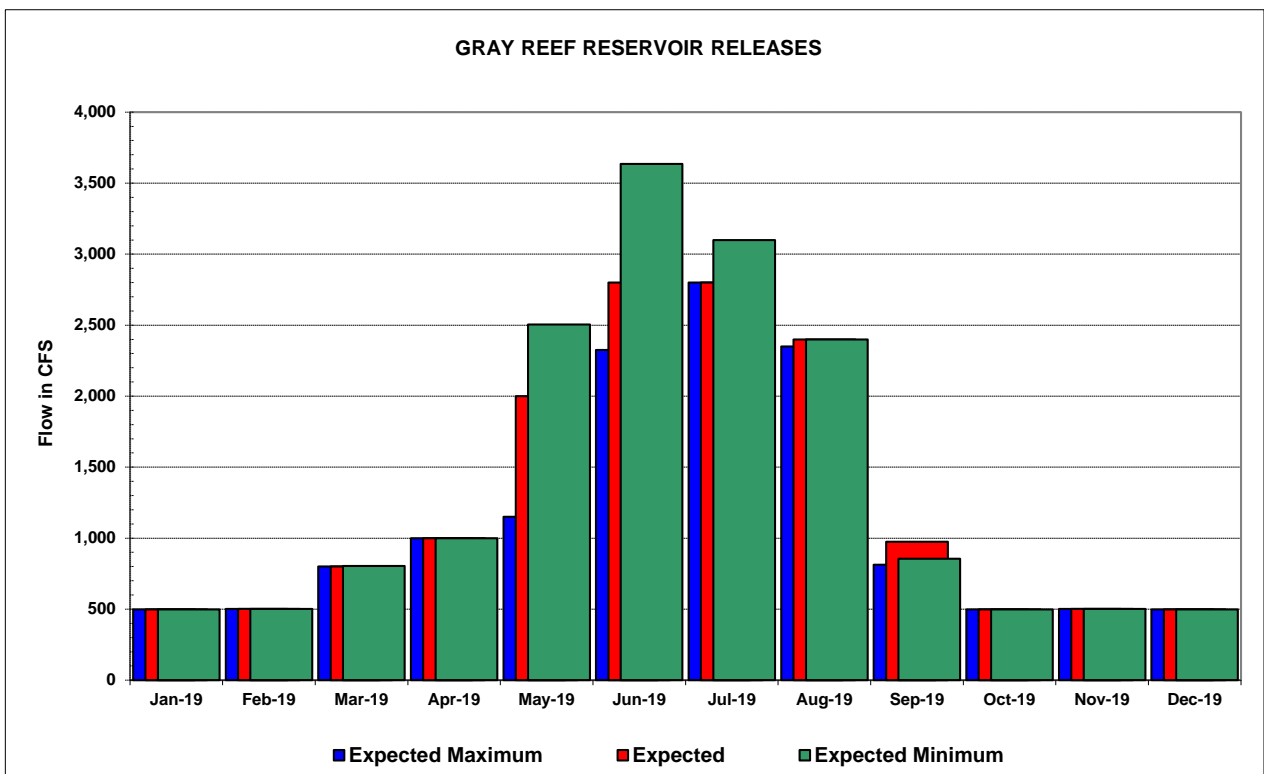
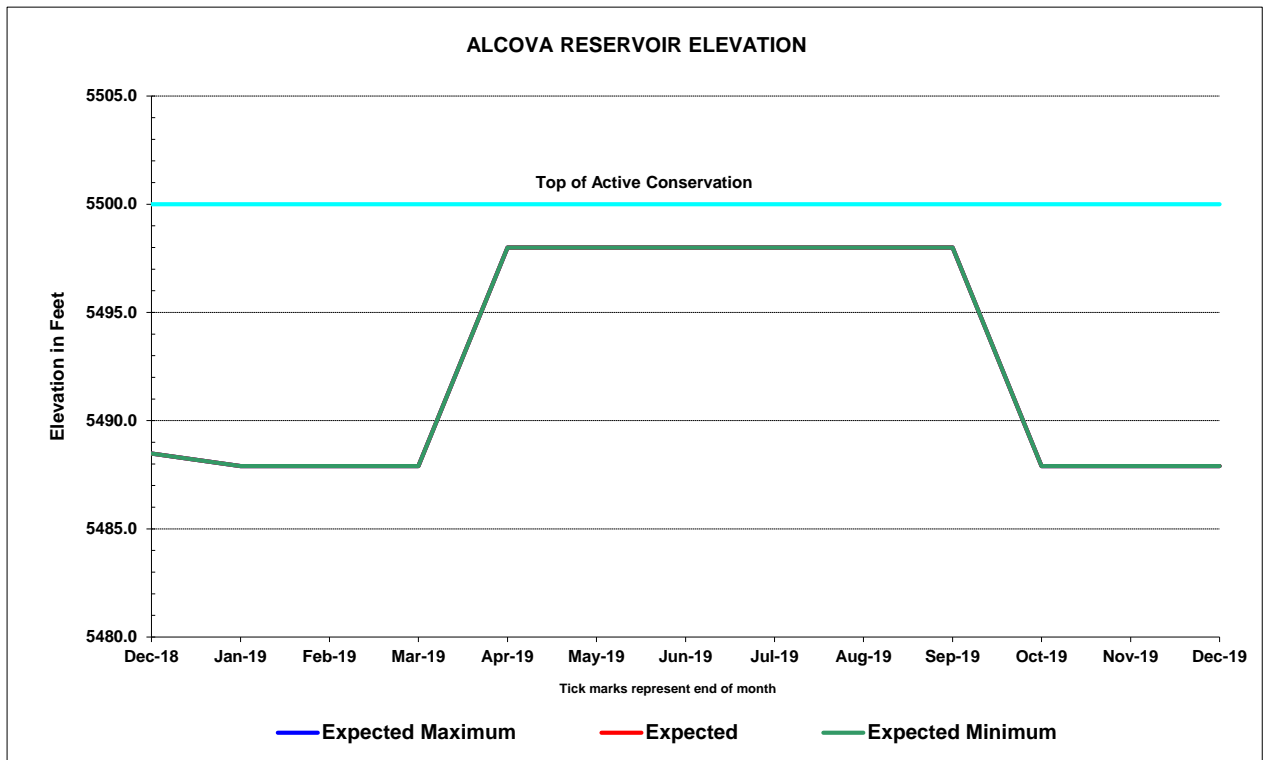
# SEMINOE RESERVOIR



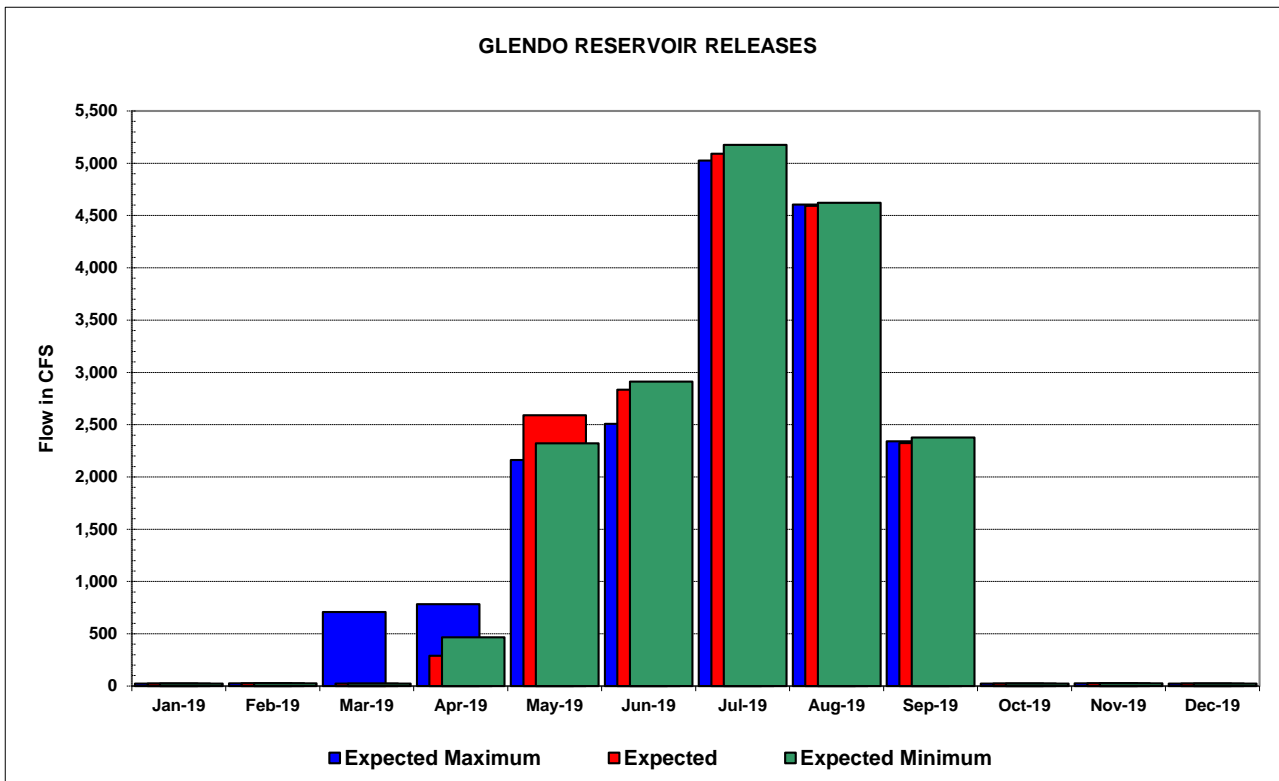
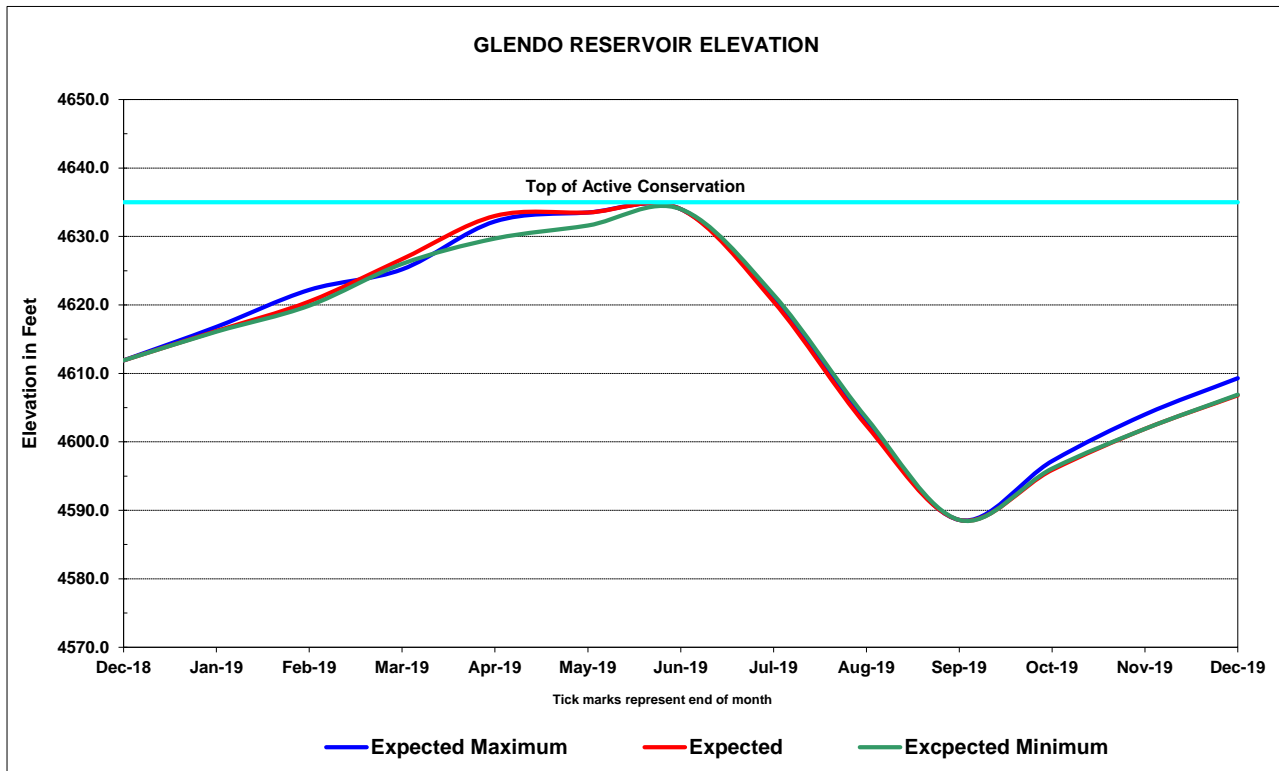
# PATHFINDER RESERVOIR



# ALCOVA RESERVOIR



# GLENDO RESERVOIR



Based on Expected February 2018 April - July Inflows: Seminole 790 kaf, Sweetwater 32 kaf, Glendo 100 kaf

NORTH PLATTE RIVER OPERATING PLAN  
Year Beginning Jan 2019

HYDROLOGY OPERATIONS

Seminole Reservoir Operations		Initial Content 629.6 Kaf					Operating Limits: Max 1017.3 Kaf, 6357.00 Ft.						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Inflow	kaf	22.3	24.1	54.6	115.7	249.0	328.1	97.2	34.8	19.2	29.8	28.1	24.4
Total Inflow	cfs	363.	434.	888.	1944.	4050.	5514.	1581.	566.	323.	485.	472.	397.
Turbine Release	kaf	32.6	29.3	49.2	65.5	160.5	155.3	160.5	73.8	49.0	32.5	31.4	32.5
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	32.6	29.3	49.2	65.5	160.5	155.3	160.5	73.8	49.0	32.5	31.4	32.5
Total Release	cfs	530.	528.	800.	1101.	2610.	2610.	2610.	1200.	823.	529.	528.	529.
Evaporation	kaf	1.0	1.0	2.3	4.6	4.8	8.7	10.2	8.4	5.8	4.5	2.4	1.3
End-month content	kaf	618.8	613.2	617.1	663.0	743.3	906.1	833.2	786.5	751.6*	745.1	741.9	733.2
End-month elevation	ft	6333.3	6332.9	6333.2	6336.5	6341.8	6351.3	6347.2	6344.5	6342.3	6341.9	6341.7	6341.1

Kortes Reservoir Operations		Initial Content 4.7 Kaf					Operating Limits: Max 4.8 Kaf, 6142.73 Ft.						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Inflow	kaf	32.6	29.3	49.2	65.5	160.5	155.3	160.5	73.8	49.0	32.5	31.4	32.5
Total Inflow	cfs	530.	528.	800.	1101.	2610.	2610.	2610.	1200.	823.	529.	528.	529.
Turbine Release	kaf	32.5	29.3	49.2	65.5	160.5	155.3	160.5	73.8	49.0	32.5	31.4	32.5
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	32.5	29.3	49.2	65.5	160.5	155.3	160.5	73.8	49.0	32.5	31.4	32.5
Total Release	cfs	529.	528.	800.	1101.	2610.	2610.	2610.	1200.	823.	529.	528.	529.

Pathfinder Reservoir Operations		Initial Content 623.2 Kaf					Operating Limits: Max 1095.0 Kaf, 5853.56 Ft.						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sweetwater Inflow	kaf	2.9	2.8	5.6	13.4	9.0	7.3	2.3	1.4	1.1	2.9	3.5	3.1
Kortes-Path Gain	kaf	1.0	2.0	4.5	6.3	8.3	2.8	4.3	6.6	3.6	1.2	-0.5	0.2
Inflow from Kortes	kaf	32.5	29.3	49.2	65.5	160.5	155.3	160.5	73.8	49.0	32.5	31.4	32.5
Total Inflow	kaf	36.4	34.1	59.3	85.2	177.8	165.4	167.1	81.8	53.7	36.6	34.4	35.8
Total Inflow	cfs	592.	614.	964.	1432.	2892.	2780.	2718.	1330.	902.	595.	578.	582.
Turbine Release	kaf	0.0	23.8	45.0	79.4	129.0	163.6	169.1	160.0	64.0	3.3	25.6	26.3
Jetflow Release	kaf	29.8	4.2	4.6	4.5	4.6	17.8	23.1	4.6	4.5	4.6	4.5	4.6
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Release	kaf	29.8	28.0	49.6	83.9	133.6	181.4	192.2	164.6	68.5	7.9	30.1	30.9
Total Release	cfs	485.	504.	807.	1410.	2173.	3049.	3126.	2677.	1151.	128.	506.	503.
Evaporation	kaf	1.3	1.4	2.7	5.1	6.3	9.4	10.0	8.1	5.8	3.6	2.1	1.2
End-month content	kaf	628.5	633.2	640.2	636.4	674.3	648.9	613.8	522.9	502.3	527.4	529.6	533.3
End-month elevation	ft	5829.4	5829.7	5830.1	5829.9	5832.3	5830.7	5828.4	5821.9	5820.3	5822.2	5822.4	5822.7

Alcova Reservoir Operations		Initial Content 157.1 Kaf					Operating Limits: Max 184.4 Kaf, 5500.00 Ft.						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Inflow	kaf	29.8	28.0	49.6	83.9	133.6	181.4	192.2	164.6	68.5	7.9	30.1	30.9
Total Inflow	cfs	485.	504.	807.	1410.	2173.	3049.	3126.	2677.	1151.	128.	506.	503.
Turbine Release	kaf	30.8	27.8	49.2	59.6	123.1	166.7	172.3	147.7	58.1	30.7	29.8	30.7
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Casper Canal Release	kaf	0.0	0.0	0.0	0.0	9.5	13.3	18.3	15.5	9.3	0.0	0.0	0.0
Total Release	kaf	30.8	27.8	49.2	59.6	132.6	180.0	190.6	163.2	67.4	30.7	29.8	30.7
Total Release	cfs	501.	501.	800.	1002.	2157.	3025.	3100.	2654.	1133.	499.	501.	499.
Evaporation	kaf	0.2	0.2	0.4	0.8	1.0	1.4	1.6	1.4	1.1	0.7	0.3	0.2
End-month content	kaf	155.9*	155.9*	155.9*	179.4*	179.4*	179.4*	179.4*	179.4*	179.4*	155.9*	155.9*	155.9*
End-month elevation	ft	5487.9	5487.9	5487.9	5498.0	5498.0	5498.0	5498.0	5498.0	5498.0	5487.9	5487.9	5487.9

Based on Expected February 2018 April - July Inflows: Seminole 790 kaf, Sweetwater 32 kaf, Glendo 100 kaf

NORTH PLATTE RIVER OPERATING PLAN  
Year Beginning Jan 2019

Gray Reef Reservoir Operations		Initial Content					1.6 Kaf					Operating Limits: Max			1.7 Kaf, 5331.44 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Min	Oct	Nov	Dec	0.0 Kaf, 5306.00 Ft.		
Total Inflow	kaf	30.8	27.8	49.2	59.6	123.1	166.7	172.3	147.7	58.1	30.7	29.8	30.7				
Total Inflow	cfs	501.	501.	800.	1002.	2002.	2801.	2802.	2402.	976.	499.	501.	499.				
Total Release	kaf	30.7	27.8	49.2	59.5	123.0	166.6	172.2	147.6	58.0	30.7	29.8	30.7				
Total Release	cfs	499.	501.	800.	1000.	2000.	2800.	2801.	2400.	975.	499.	501.	499.				

Glendo Reservoir Operations		Initial Content					266.6 Kaf					Operating Limits: Max			763.0 Kaf, 4653.00 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Min	Oct	Nov	Dec	51.6 Kaf, 4570.01 Ft.		
Alcova-Glendo Gain	kaf	7.0	12.6	14.3	35.6	53.5	11.0	-0.2	-2.0	6.9	9.2	8.8	5.7				
Infl from Gray Reef	kaf	30.7	27.8	49.2	59.5	123.0	166.6	172.2	147.6	58.0	30.7	29.8	30.7				
Total Inflow	kaf	37.7	40.4	63.5	95.1	176.5	177.6	172.0	145.6	64.9	39.9	38.6	36.4				
Total Inflow	cfs	613.	727.	1033.	1598.	2870.	2985.	2797.	2368.	1091.	649.	649.	592.				
Turbine Release	kaf	0.0	0.0	0.0	15.7	157.8	167.2	230.6	221.4	136.8	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	0.0	0.0	0.0	81.0	59.6	0.0	0.0	0.0	0.0				
Total Release	kaf	1.5	1.5	1.5	17.2	159.3	168.7	313.1	282.5	138.3	1.5	1.5	1.5				
Total Release	cfs	24.	27.	24.	289.	2591.	2835.	5092.	4594.	2324.	24.	25.	24.				
Evaporation	kaf	0.9	1.0	1.9	3.1	5.0	6.9	6.8	4.7	2.5	1.1	0.8	0.7				
End-month content	kaf	301.9	339.8	399.9	474.7	486.9	488.9*	340.5	196.9	120.0*	157.3	193.6	227.8				
End-month elevation	ft	4616.2	4620.5	4626.7	4633.5	4634.6	4634.7	4620.5	4602.4	4588.6	4595.9	4601.9	4606.8				

Guernsey Reservoir Operations		Initial Content					12.3 Kaf					Operating Limits: Max			45.6 Kaf, 4419.99 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Min	Oct	Nov	Dec	0.0 Kaf, 4370.00 Ft.		
Glendo-Guerns Gain	kaf	1.5	1.1	0.6	5.7	8.5	2.7	2.3	0.3	5.2	3.4	2.1	1.8				
Inflow from Glendo	kaf	1.5	1.5	1.5	17.2	159.3	168.7	313.1	282.5	138.3	1.5	1.5	1.5				
Total Inflow	kaf	3.0	2.6	2.1	22.9	167.8	171.4	315.4	282.8	143.5	4.9	3.6	3.3				
Total Inflow	cfs	49.	47.	34.	385.	2729.	2880.	5129.	4599.	2412.	80.	60.	54.				
Turbine Release	kaf	0.0	0.0	0.0	9.6	53.6	51.8	53.6	53.6	55.8	0.0	0.0	0.0				
Seepage	kaf	1.5	1.2	1.0	0.4	1.2	3.0	3.1	2.5	0.3	1.5	1.5	1.5				
Spillway Release	kaf	0.0	0.0	0.0	0.0	112.3	115.6	257.6	225.8	112.9	0.0	0.0	0.0				
Total Release	kaf	1.5	1.2	1.0	10.0	167.1	170.4	314.3	281.9	169.0	1.5	1.5	1.5				
Total Release	cfs	24.	22.	16.	168.	2718.	2864.	5112.	4585.	2840.	24.	25.	24.				
Evaporation	kaf	0.2	0.2	0.3	0.5	0.7	1.0	1.1	0.9	0.5	0.1	0.2	0.2				
End-month content	kaf	13.6*	14.8*	15.6*	28.0*	28.0*	28.0*	28.0*	28.0*	2.0*	5.3*	7.2*	8.8#				
End-month elevation	ft	4403.3	4404.2	4404.7	4411.9	4411.9	4411.9	4411.9	4411.9	4388.0	4394.9	4397.4	4399.1				
Physical EOM Cont	kaf	1725.2	1763.4	1835.2	1988.0	2118.4	2257.8	2001.4	1720.2	1561.8	1597.5	1634.7	1665.5				





Based on Expected February 2018 April - July Inflows: Seminole 790 kaf, Sweetwater 32 kaf, Glendo 100 kaf

NORTH PLATTE RIVER OPERATING PLAN  
Year Beginning Jan 2019

City of Cheyenne		Initial Ownership 5.8 Kaf,											
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Inflow	kaf	0.5	0.6	0.8	0.3	0.6	0.5	1.1	0.7	0.7	0.7	2.5	0.7
Evaporation	kaf	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	4.0	1.8	0.5	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	6.3	6.9	7.7	8.0	4.5	3.1	3.7	4.4	5.1	5.7	8.2	8.9

PacifiCorp		Initial Ownership 2.0 Kaf,											
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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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 7.2 Kaf,											
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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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.0	1.0	0.0	0.0	0.0
Ownership	kaf	7.2	7.2	7.1	7.0	6.9	6.8	6.2	4.1	3.0	3.0	3.0	3.0

IRRIGATION DELIVERY

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Kendrick (Casper Canal)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Requested	kaf	0.0	0.0	0.0	0.0	9.5	13.3	18.3	15.5	9.3	0.0	0.0	0.0
Delivered	kaf	0.0	0.0	0.0	0.0	9.5	13.3	18.3	15.5	9.3	0.0	0.0	0.0
Kendrick (River)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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North Platte Req	kaf	0.0	0.0	0.0	0.0	131.7	168.4	308.3	276.9	165.0	0.0	0.0	0.0
Glendo Req	kaf	0.0	0.0	0.0	0.0	0.0	2.0	6.0	5.0	4.0	0.0	0.0	0.0
Inland Lakes Req	kaf	0.0	0.0	0.0	10.0	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Requirement	kaf	0.0	0.0	0.0	10.0	167.1	170.4	314.3	281.9	169.0	0.0	0.0	0.0
Seepage	kaf	1.5	1.2	1.0	0.4	1.2	3.0	3.1	2.5	0.3	1.5	1.5	1.5
Actual Release	kaf	1.5	1.2	1.0	10.0	167.1	170.4	314.3	281.9	169.0	1.5	1.5	1.5
Ownership EOM Cont	kaf	1725.2	1763.4	1835.2	1988.0	2118.4	2257.8	2001.4	1720.2	1561.8	1597.5	1634.7	1665.5

Based on Expected February 2018 April - July Inflows: Seminoe 790 kaf, Sweetwater 32 kaf, Glendo 100 kaf

NORTH PLATTE RIVER OPERATING PLAN  
Year Beginning Jan 2019

POWER GENERATION

-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Seminoe Power Plant													
Turbine Release	kaf	32.6	29.3	49.2	65.5	160.5	155.3	160.5	73.8	49.0	32.5	31.4	32.5
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	28.278	28.831	31.898	31.317	33.478	32.200	32.933	33.286	32.353	33.476	32.406	33.487
Actual generation	gwh	5.350	4.805	8.069	10.808	27.124	27.178	28.327	12.841	8.428	5.574	5.370	5.538
Percent max generation		19.	17.	25.	35.	81.	84.	86.	39.	26.	17.	17.	17.
Average kwh/af		164.	164.	164.	165.	169.	175.	176.	174.	172.	172.	171.	170.
-----													
Kortes Power Plant													
Turbine Release	kaf	32.5	29.3	49.2	65.5	160.5	155.3	160.5	73.8	49.0	32.5	31.4	32.5
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	24.372	17.510	18.404	22.859	27.606	26.712	27.606	27.606	26.712	27.606	26.712	27.606
Actual generation	gwh	5.590	5.040	8.462	11.266	27.606	26.712	27.606	12.694	8.428	5.590	5.401	5.590
Percent max generation		23.	29.	46.	49.	100.	100.	100.	46.	32.	20.	20.	20.
Average kwh/af		172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.
-----													
Fremont Canyon													
Turbine Release	kaf	0.0	23.8	45.0	79.4	129.0	163.6	169.1	160.0	64.0	3.3	25.6	26.3
Bypass	kaf	29.8	4.2	4.6	4.5	4.6	17.8	23.1	4.6	4.5	4.6	4.5	4.6
Maximum generation	gwh	0.000	29.393	45.669	44.202	45.874	44.437	45.605	44.860	42.762	44.226	42.944	44.423
Actual generation	gwh	0.000	6.418	12.153	21.452	34.996	44.437	45.605	42.446	16.728	0.863	6.720	6.909
Percent max generation		0.	22.	27.	49.	76.	100.	100.	95.	39.	2.	16.	16.
Average kwh/af		0.	270.	270.	270.	271.	272.	270.	265.	261.	262.	263.	263.
-----													
Alcova Power Plant													
Turbine Release	kaf	30.8	27.8	49.2	59.6	123.1	166.7	172.3	147.7	58.1	30.7	29.8	30.7
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	19.898	12.852	14.620	26.275	27.552	26.656	27.552	27.552	26.656	27.158	26.588	27.472
Actual generation	gwh	4.192	3.781	6.691	8.225	17.234	23.338	24.122	20.678	8.134	4.237	4.053	4.175
Percent max generation		21.	29.	46.	31.	63.	88.	88.	75.	31.	16.	15.	15.
Average kwh/af		136.	136.	136.	138.	140.	140.	140.	140.	140.	138.	136.	136.
-----													
Glendo Power Plant													
Turbine Release	kaf	0.0	0.0	0.0	15.7	157.8	167.2	230.6	221.4	136.8	0.0	0.0	0.0
Bypass	kaf	1.5	1.5	1.5	1.5	1.5	1.5	82.5	61.1	1.5	1.5	1.5	1.5
Maximum generation	gwh	11.690	20.270	23.843	21.624	27.060	26.399	25.117	20.863	15.415	14.799	16.370	19.001
Actual generation	gwh	0.000	0.000	0.000	1.737	17.994	19.158	25.117	20.863	10.182	0.000	0.000	0.000
Percent max generation		0.	0.	0.	8.	66.	73.	100.	100.	66.	0.	0.	0.
Average kwh/af		0.	0.	0.	111.	114.	115.	109.	94.	74.	0.	0.	0.
-----													
Guernsey Power Plant													
Turbine Release	kaf	0.0	0.0	0.0	9.6	53.6	51.8	53.6	53.6	55.8	0.0	0.0	0.0
Bypass	kaf	1.5	1.2	1.0	0.4	113.5	118.6	260.7	228.3	113.2	1.5	1.5	1.5
Maximum generation	gwh	0.000	0.000	1.591	3.575	3.795	3.667	3.795	3.795	3.404	1.616	0.204	3.214
Actual generation	gwh	0.000	0.000	0.000	0.644	3.795	3.667	3.795	3.795	3.404	0.000	0.000	0.000
Percent max generation		0.	0.	0.	18.	100.	100.	100.	100.	100.	0.	0.	0.
Average kwh/af		0.	0.	0.	67.	71.	71.	71.	71.	61.	0.	0.	0.

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HYDROLOGY OPERATIONS

Seminoe Reservoir Operations		Initial Content 629.6 Kaf										Operating Limits: Max 1017.3 Kaf, 6357.00 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min 31.7 Kaf, 6239.02 Ft.
Total Inflow	kaf	28.4	31.5	66.4	106.8	179.3	184.2	49.7	28.9	20.3	33.8	33.3	31.8	
Total Inflow	cfs	462.	567.	1080.	1795.	2916.	3096.	808.	470.	341.	550.	560.	517.	
Turbine Release	kaf	32.7	29.4	49.5	59.5	153.7	155.2	153.7	73.8	47.6	32.6	31.5	32.6	
Jetflow Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total Release	kaf	32.7	29.4	49.5	59.5	153.7	155.2	153.7	73.8	47.6	32.6	31.5	32.6	
Total Release	cfs	532.	529.	805.	1000.	2500.	2608.	2500.	1200.	800.	530.	529.	530.	
Evaporation	kaf	1.0	1.2	2.4	4.7	4.8	7.8	8.2	6.4	4.5	3.4	1.8	1.0	
End-month content	kaf	624.8	626.3	641.6	684.5	701.9	724.2	612.6	562.0	530.9*	529.4	531.9	530.8	
End-month elevation	ft	6333.7	6333.8	6334.9	6337.9	6339.1	6340.6	6332.8	6329.0	6326.4	6326.3	6326.5	6326.4	

Kortes Reservoir Operations		Initial Content 4.7 Kaf										Operating Limits: Max 4.8 Kaf, 6142.73 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min 1.7 Kaf, 6092.73 Ft.
Total Inflow	kaf	32.7	29.4	49.5	59.5	153.7	155.2	153.7	73.8	47.6	32.6	31.5	32.6	
Total Inflow	cfs	532.	529.	805.	1000.	2500.	2608.	2500.	1200.	800.	530.	529.	530.	
Turbine Release	kaf	32.6	29.4	49.5	59.5	153.7	155.2	153.7	73.8	47.6	32.6	31.5	32.6	
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total Release	kaf	32.6	29.4	49.5	59.5	153.7	155.2	153.7	73.8	47.6	32.6	31.5	32.6	
Total Release	cfs	530.	529.	805.	1000.	2500.	2608.	2500.	1200.	800.	530.	529.	530.	

Pathfinder Reservoir Operations		Initial Content 623.2 Kaf										Operating Limits: Max 1095.0 Kaf, 5853.56 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min 31.4 Kaf, 5746.00 Ft.
Sweetwater Inflow	kaf	1.6	1.5	3.0	7.1	4.8	3.9	1.2	0.8	0.6	1.5	1.8	1.7	
Kortes-Path Gain	kaf	0.1	0.7	2.7	2.4	1.9	-2.3	-3.4	-0.5	-0.7	-1.1	-1.5	-1.4	
Inflow from Kortes	kaf	32.6	29.4	49.5	59.5	153.7	155.2	153.7	73.8	47.6	32.6	31.5	32.6	
Total Inflow	kaf	34.3	31.6	55.2	69.0	160.4	156.8	151.5	74.1	47.5	33.0	31.8	32.9	
Total Inflow	cfs	558.	569.	898.	1160.	2609.	2635.	2464.	1205.	798.	537.	534.	535.	
Turbine Release	kaf	0.0	23.8	45.3	79.3	159.9	163.6	169.1	160.0	56.9	3.3	25.6	26.3	
Jetflow Release	kaf	29.2	4.2	4.6	4.5	4.6	67.5	41.5	4.6	4.5	4.6	4.5	4.6	
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total Release	kaf	29.2	28.0	49.9	83.8	164.5	231.1	210.6	164.6	61.4	7.9	30.1	30.9	
Total Release	cfs	475.	504.	812.	1408.	2675.	3884.	3425.	2677.	1032.	128.	506.	503.	
Evaporation	kaf	1.3	1.4	2.7	4.9	5.9	8.1	8.0	6.0	4.1	2.6	1.4	0.8	
End-month content	kaf	627.0	629.2	631.8	612.1	602.1	519.7	452.6	356.1	338.1	360.6	360.9	362.1	
End-month elevation	ft	5829.3	5829.4	5829.6	5828.3	5827.6	5821.6	5816.1	5806.8	5804.8	5807.3	5807.3	5807.4	

Alcova Reservoir Operations		Initial Content 157.1 Kaf										Operating Limits: Max 184.4 Kaf, 5500.00 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min 145.3 Kaf, 5483.12 Ft.
Total Inflow	kaf	29.2	28.0	49.9	83.8	164.5	231.1	210.6	164.6	61.4	7.9	30.1	30.9	
Total Inflow	cfs	475.	504.	812.	1408.	2675.	3884.	3425.	2677.	1032.	128.	506.	503.	
Turbine Release	kaf	30.2	27.8	49.5	59.5	154.0	190.4	190.7	147.7	51.0	30.7	29.8	30.7	
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	
Casper Canal Release	kaf	0.0	0.0	0.0	0.0	9.5	13.3	18.3	15.5	9.3	0.0	0.0	0.0	
Total Release	kaf	30.2	27.8	49.5	59.5	163.5	229.7	209.0	163.2	60.3	30.7	29.8	30.7	
Total Release	cfs	491.	501.	805.	1000.	2659.	3860.	3399.	2654.	1013.	499.	501.	499.	
Evaporation	kaf	0.2	0.2	0.4	0.8	1.0	1.4	1.6	1.4	1.1	0.7	0.3	0.2	
End-month content	kaf	155.9*	155.9*	155.9*	179.4*	179.4*	179.4*	179.4*	179.4*	179.4*	155.9*	155.9*	155.9*	
End-month elevation	ft	5487.9	5487.9	5487.9	5498.0	5498.0	5498.0	5498.0	5498.0	5498.0	5487.9	5487.9	5487.9	

Based on Minimum Expected April - July Inflow: Seminole 520 kaf, Sweetwater 17 kaf, Glendo 20 kaf

NORTH PLATTE RIVER OPERATING PLAN  
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Gray Reef Reservoir Operations		Initial Content					1.6 Kaf					Operating Limits: Max			1.1 Kaf, 5327.42 Ft.		
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Min	Oct	Nov	Dec	0.0 Kaf, 5306.00 Ft.		
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Total Inflow	kaf	30.2	27.8	49.5	59.5	154.0	216.4	190.7	147.7	51.0	30.7	29.8	30.7				
Total Inflow	cfs	491.	501.	805.	1000.	2505.	3637.	3101.	2402.	857.	499.	501.	499.				
Total Release	kaf	30.7	27.8	49.5	59.5	154.0	216.3	190.6	147.6	50.9	30.7	29.8	30.7				
Total Release	cfs	499.	501.	805.	1000.	2505.	3635.	3100.	2400.	855.	499.	501.	499.				
Glendo Reservoir Operations		Initial Content					266.6 Kaf					Operating Limits: Max			763.0 Kaf, 4653.00 Ft.		
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Min	Oct	Nov	Dec	63.2 Kaf, 4573.94 Ft.		
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Alcova-Glendo Gain	kaf	6.3	8.4	11.8	9.9	14.1	-0.6	-3.4	-1.6	8.4	10.1	8.2	5.9				
Infl from Gray Reef	kaf	30.7	27.8	49.5	59.5	154.0	216.3	190.6	147.6	50.9	30.7	29.8	30.7				
Total Inflow	kaf	37.0	36.2	61.3	69.4	168.1	215.7	187.2	146.0	59.3	40.8	38.0	36.6				
Total Inflow	cfs	602.	652.	997.	1166.	2734.	3625.	3045.	2374.	997.	664.	639.	595.				
Turbine Release	kaf	0.0	0.0	0.0	26.3	141.2	171.7	231.1	221.4	139.9	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	0.0	0.0	0.0	85.7	61.3	0.0	0.0	0.0	0.0				
Total Release	kaf	1.5	1.5	1.5	27.8	142.7	173.2	318.3	284.2	141.4	1.5	1.5	1.5				
Total Release	cfs	24.	27.	24.	467.	2321.	2911.	5177.	4622.	2376.	24.	25.	24.				
Evaporation	kaf	0.7	1.0	1.9	3.1	4.7	6.7	6.9	4.8	2.6	1.1	0.8	0.7				
End-month content	kaf	301.4	335.1	393.0	431.5	452.2	488.0*	349.6	204.7	120.0*	158.2	193.9	228.3				
End-month elevation	ft	4616.1	4619.9	4626.0	4629.7	4631.6	4634.7	4621.5	4603.5	4588.6	4596.1	4601.9	4606.9				
Guernsey Reservoir Operations		Initial Content					12.3 Kaf					Operating Limits: Max			45.6 Kaf, 4419.99 Ft.		
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Min	Oct	Nov	Dec	0.0 Kaf, 4370.00 Ft.		
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Glendo-Guerns Gain	kaf	1.0	1.2	1.2	0.3	2.6	-1.4	-2.9	-1.4	2.1	2.2	1.5	1.2				
Inflow from Glendo	kaf	1.5	1.5	1.5	27.8	142.7	173.2	318.3	284.2	141.4	1.5	1.5	1.5				
Total Inflow	kaf	2.5	2.7	2.7	28.1	145.3	171.8	315.4	282.8	143.5	3.7	3.0	2.7				
Total Inflow	cfs	41.	49.	44.	472.	2363.	2887.	5129.	4599.	2412.	60.	50.	44.				
Turbine Release	kaf	0.0	0.0	0.0	15.0	53.6	51.8	53.6	53.6	55.8	0.0	0.0	0.0				
Seepage	kaf	1.5	1.2	1.0	0.4	1.2	3.0	3.1	2.5	0.3	1.5	1.5	1.5				
Spillway Release	kaf	0.0	0.0	0.0	0.0	89.8	116.0	257.6	225.8	112.9	0.0	0.0	0.0				
Total Release	kaf	1.5	1.2	1.0	15.4	144.6	170.8	314.3	281.9	169.0	1.5	1.5	1.5				
Total Release	cfs	24.	22.	16.	259.	2352.	2870.	5112.	4585.	2840.	24.	25.	24.				
Evaporation	kaf	0.2	0.2	0.3	0.5	0.7	1.0	1.1	0.9	0.5	0.1	0.2	0.2				
End-month content	kaf	13.1*	14.4*	15.8*	28.0*	28.0*	28.0*	28.0*	28.0*	2.0*	4.1*	5.4*	6.4*				
End-month elevation	ft	4402.9	4403.9	4404.9	4411.9	4411.9	4411.9	4411.9	4411.9	4388.0	4393.0	4395.1	4396.4				
Physical EOM Cont	kaf	1728.1	1766.8	1844.0	1941.4	1969.5	1945.2	1628.1	1336.1	1176.3	1214.1	1253.9	1289.4				



NORTH PLATTE RIVER OPERATING PLAN  
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City of Cheyenne		Initial Ownership 5.8 Kaf,											
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Inflow	kaf	0.5	0.6	0.8	0.3	0.6	2.7	1.1	0.7	0.7	0.7	2.5	0.7
Evaporation	kaf	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Release	kaf	0.0	0.0	0.0	0.0	4.0	1.6	0.5	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	6.3	6.9	7.7	8.0	4.5	5.5	6.0	6.6	7.2	7.8	10.2	10.9
Pacificorp		Initial Ownership 2.0 Kaf,											
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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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 7.2 Kaf,											
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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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	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.9	0.0	0.0	0.0	0.0
Ownership	kaf	7.2	7.2	7.2	7.1	7.0	6.9	6.4	4.4	4.4	4.4	4.4	4.4

IRRIGATION DELIVERY

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Kendrick (Casper Canal)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Requested	kaf	0.0	0.0	0.0	0.0	9.5	13.3	18.3	15.5	9.3	0.0	0.0	0.0
Delivered	kaf	0.0	0.0	0.0	0.0	9.5	13.3	18.3	15.5	9.3	0.0	0.0	0.0
Kendrick (River)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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North Platte Req	kaf	0.0	0.0	0.0	0.0	131.7	168.8	308.3	276.9	165.0	0.0	0.0	0.0
Glendo Req	kaf	0.0	0.0	0.0	0.0	0.0	2.0	6.0	5.0	4.0	0.0	0.0	0.0
Inland Lakes Req	kaf	0.0	0.0	0.0	15.4	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Requirement	kaf	0.0	0.0	0.0	15.4	144.6	170.8	314.3	281.9	169.0	0.0	0.0	0.0
Seepage	kaf	1.5	1.2	1.0	0.4	1.2	3.0	3.1	2.5	0.3	1.5	1.5	1.5
Actual Release	kaf	1.5	1.2	1.0	15.4	144.6	170.8	314.3	281.9	169.0	1.5	1.5	1.5
Ownership EOM Cont	kaf	1728.1	1766.8	1844.0	1941.4	1969.5	1945.2	1628.1	1336.1	1176.3	1214.1	1253.9	1289.4

NORTH PLATTE RIVER OPERATING PLAN  
 Year Beginning Jan 2019

POWER GENERATION

-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Seminole Power Plant													
Turbine Release	kaf	32.7	29.4	49.5	59.5	153.7	155.2	153.7	73.8	47.6	32.6	31.5	32.6
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	28.330	28.991	32.258	31.730	33.348	32.399	32.899	31.379	29.633	30.323	29.354	30.346
Actual generation	gwh	5.377	4.829	8.168	9.937	25.822	26.382	25.668	11.956	7.584	5.141	4.969	5.144
Percent max generation		19.	17.	25.	31.	77.	81.	78.	38.	26.	17.	17.	17.
Average kwh/af		164.	164.	165.	167.	168.	170.	167.	162.	159.	158.	158.	158.
Kortes Power Plant													
Turbine Release	kaf	32.6	29.4	49.5	59.5	153.7	155.2	153.7	73.8	47.6	32.6	31.5	32.6
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	24.372	17.510	18.404	22.859	27.606	26.712	27.606	27.606	26.712	27.606	26.712	27.606
Actual generation	gwh	5.607	5.057	8.514	10.234	26.436	26.694	26.436	12.694	8.187	5.607	5.418	5.607
Percent max generation		23.	29.	46.	45.	96.	100.	96.	46.	31.	20.	20.	20.
Average kwh/af		172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.
Fremont Canyon													
Turbine Release	kaf	0.0	23.8	45.3	79.3	159.9	163.6	169.1	160.0	56.9	3.3	25.6	26.3
Bypass	kaf	29.2	4.2	4.6	4.5	4.6	67.5	41.5	4.6	4.5	4.6	4.5	4.6
Maximum generation	gwh	0.000	29.372	45.595	44.014	45.318	43.315	43.887	42.841	40.689	42.095	40.877	42.261
Actual generation	gwh	0.000	6.413	12.214	21.335	42.853	43.315	43.887	40.536	14.152	0.821	6.396	6.573
Percent max generation		0.	22.	27.	48.	95.	100.	100.	95.	35.	2.	16.	16.
Average kwh/af		0.	269.	270.	269.	268.	265.	260.	253.	249.	249.	250.	250.
Alcova Power Plant													
Turbine Release	kaf	30.2	27.8	49.5	59.5	154.0	190.4	190.7	147.7	51.0	30.7	29.8	30.7
Bypass	kaf	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation	gwh	19.898	12.852	14.620	26.275	27.552	26.656	27.552	27.552	26.656	27.158	26.588	27.472
Actual generation	gwh	4.110	3.781	6.732	8.211	21.560	26.656	26.698	20.678	7.140	4.237	4.053	4.175
Percent max generation		21.	29.	46.	31.	78.	100.	97.	75.	27.	16.	15.	15.
Average kwh/af		136.	136.	136.	138.	140.	140.	140.	140.	140.	138.	136.	136.
Glendo Power Plant													
Turbine Release	kaf	0.0	0.0	0.0	26.3	141.2	171.7	231.1	221.4	139.9	0.0	0.0	0.0
Bypass	kaf	1.5	1.5	1.5	1.5	1.5	1.5	87.2	62.8	1.5	1.5	1.5	1.5
Maximum generation	gwh	11.685	20.199	23.678	21.018	25.912	25.878	25.245	21.120	15.628	14.820	16.405	19.020
Actual generation	gwh	0.000	0.000	0.000	2.860	15.676	19.437	25.245	21.120	10.532	0.000	0.000	0.000
Percent max generation		0.	0.	0.	14.	60.	75.	100.	100.	67.	0.	0.	0.
Average kwh/af		0.	0.	0.	109.	111.	113.	109.	95.	75.	0.	0.	0.
Guernsey Power Plant													
Turbine Release	kaf	0.0	0.0	0.0	15.0	53.6	51.8	53.6	53.6	55.8	0.0	0.0	0.0
Bypass	kaf	1.5	1.2	1.0	0.4	91.0	119.0	260.7	228.3	113.2	1.5	1.5	1.5
Maximum generation	gwh	0.000	0.000	1.589	3.572	3.795	3.667	3.795	3.795	3.404	1.960	2.673	3.083
Actual generation	gwh	0.000	0.000	0.000	1.007	3.795	3.667	3.795	3.795	3.404	0.000	0.000	0.000
Percent max generation		0.	0.	0.	28.	100.	100.	100.	100.	100.	0.	0.	0.
Average kwh/af		0.	0.	0.	67.	71.	71.	71.	71.	61.	0.	0.	0.

NORTH PLATTE RIVER OPERATING PLAN  
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HYDROLOGY OPERATIONS

Seminoe Reservoir Operations		Initial Content 629.6 Kaf										Operating Limits: Max 1017.2 Kaf, 6357.00 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min 31.7 Kaf, 6239.02 Ft.
Total Inflow	kaf	21.6	23.7	50.1	123.6	305.5	456.5	174.4	49.6	29.6	30.0	27.9	23.2	
Total Inflow	cfs	351.	427.	815.	2077.	4968.	7672.	2836.	807.	497.	488.	469.	377.	
Turbine Release	kaf	32.6	29.4	49.2	119.0	195.3	190.6	76.9	64.8	50.6	32.6	31.5	32.6	
Jetflow Release	kaf	0.0	0.0	0.0	0.0	62.9	102.3	0.0	0.0	0.0	0.0	0.0	0.0	
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total Release	kaf	32.6	29.4	49.2	119.0	258.2	292.9	76.9	64.8	50.6	32.6	31.5	32.6	
Total Release	cfs	530.	529.	800.	2000.	4199.	4922.	1251.	1054.	850.	530.	529.	530.	
Evaporation	kaf	1.0	1.0	2.3	4.4	4.4	7.9	10.1	8.9	6.3	4.9	2.7	1.5	
End-month content	kaf	618.1	612.0	611.4	611.9	651.4	808.2*	896.2	872.8	846.2*	839.4	835.6	825.4	
End-month elevation	ft	6333.2	6332.8	6332.8	6332.8	6335.6	6345.8	6350.7	6349.5	6348.0	6347.6	6347.4	6346.8	

Kortes Reservoir Operations		Initial Content 4.7 Kaf										Operating Limits: Max 4.7 Kaf, 6141.53 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min 1.7 Kaf, 6092.73 Ft.
Total Inflow	kaf	32.6	29.4	49.2	119.0	258.2	292.9	76.9	64.8	50.6	32.6	31.5	32.6	
Total Inflow	cfs	530.	529.	800.	2000.	4199.	4922.	1251.	1054.	850.	530.	529.	530.	
Turbine Release	kaf	32.6	29.4	49.2	119.0	169.1	163.6	76.9	64.8	50.6	32.6	31.5	32.6	
Spillway Release	kaf	0.0	0.0	0.0	0.0	89.1	129.3	0.0	0.0	0.0	0.0	0.0	0.0	
Total Release	kaf	32.6	29.4	49.2	119.0	258.2	292.9	76.9	64.8	50.6	32.6	31.5	32.6	
Total Release	cfs	530.	529.	800.	2000.	4199.	4922.	1251.	1054.	850.	530.	529.	530.	

Pathfinder Reservoir Operations		Initial Content 623.2 Kaf										Operating Limits: Max 1095.0 Kaf, 5853.56 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min 31.4 Kaf, 5746.00 Ft.
Sweetwater Inflow	kaf	3.7	3.9	5.0	13.9	20.2	17.5	5.3	2.1	1.3	3.3	3.7	3.6	
Kortes-Path Gain	kaf	4.5	6.1	8.6	11.4	16.4	11.0	8.7	6.9	6.9	4.5	2.1	2.1	
Inflow from Kortes	kaf	32.6	29.4	49.2	119.0	258.2	292.9	76.9	64.8	50.6	32.6	31.5	32.6	
Total Inflow	kaf	40.8	39.4	62.8	144.3	294.8	321.4	90.9	73.8	58.8	40.4	37.3	38.3	
Total Inflow	cfs	664.	709.	1021.	2425.	4794.	5401.	1478.	1200.	988.	657.	627.	623.	
Turbine Release	kaf	0.0	23.8	45.0	79.4	76.7	148.7	169.1	156.9	54.4	3.4	25.6	26.3	
Jetflow Release	kaf	29.9	4.2	4.6	4.5	4.6	4.5	23.1	4.6	4.5	4.6	4.5	4.6	
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total Release	kaf	29.9	28.0	49.6	83.9	81.3	153.2	192.2	161.5	58.9	8.0	30.1	30.9	
Total Release	cfs	486.	504.	807.	1410.	1322.	2575.	3126.	2627.	990.	130.	506.	503.	
Evaporation	kaf	1.3	1.3	2.7	5.3	7.5	12.7	14.3	11.8	8.7	5.6	3.1	1.7	
End-month content	kaf	632.8	642.9	653.4	708.5	914.5	1070.0	954.4	854.9	846.1	872.9	877.0	882.7	
End-month elevation	ft	5829.6	5830.3	5831.0	5834.3	5845.3	5852.5	5847.2	5842.3	5841.9	5843.2	5843.5	5843.7	

Alcova Reservoir Operations		Initial Content 157.1 Kaf										Operating Limits: Max 184.4 Kaf, 5500.00 Ft.		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min 145.3 Kaf, 5483.12 Ft.
Total Inflow	kaf	29.9	28.0	49.6	83.9	81.3	153.2	192.2	161.5	58.9	8.0	30.1	30.9	
Total Inflow	cfs	486.	504.	807.	1410.	1322.	2575.	3126.	2627.	990.	130.	506.	503.	
Turbine Release	kaf	30.9	27.8	49.2	59.6	70.8	138.5	172.3	144.6	48.5	30.8	29.8	30.7	
Spillway Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Casper Canal Release	kaf	0.0	0.0	0.0	0.0	9.5	13.3	18.3	15.5	9.3	0.0	0.0	0.0	
Total Release	kaf	30.9	27.8	49.2	59.6	80.3	151.8	190.6	160.1	57.8	30.8	29.8	30.7	
Total Release	cfs	503.	501.	800.	1002.	1306.	2551.	3100.	2604.	971.	501.	501.	499.	
Evaporation	kaf	0.2	0.2	0.4	0.8	1.0	1.4	1.6	1.4	1.1	0.7	0.3	0.2	
End-month content	kaf	155.9*	155.9*	155.9*	179.4*	179.4*	179.4*	179.4*	179.4*	179.4*	155.9*	155.9*	155.9*	
End-month elevation	ft	5487.9	5487.9	5487.9	5498.0	5498.0	5498.0	5498.0	5498.0	5498.0	5487.9	5487.9	5487.9	



Based on Maximum Expected April - July Inflow: Seminole 1060 kaf, Sweetwater 57 kaf, Glendo 180 kaf

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Gray Reef Reservoir Operations		Initial Content					Operating Limits: Max					1.8 Kaf, 5332.00 Ft.		
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Min	Sep	Oct	Nov	Dec
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Total Inflow	kaf	30.9	27.8	49.2	59.6	70.8	138.5	172.3	144.6	48.5	30.8	29.8	30.7	
Total Inflow	cfs	503.	501.	800.	1002.	1151.	2328.	2802.	2352.	815.	501.	501.	499.	
Total Release	kaf	30.7	27.8	49.2	59.5	70.7	138.4	172.2	144.5	48.4	30.7	29.8	30.7	
Total Release	cfs	499.	501.	800.	1000.	1150.	2326.	2801.	2350.	813.	499.	501.	499.	

Glendo Reservoir Operations		Initial Content					Operating Limits: Max					492.0 Kaf, 4635.00 Ft.		
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Min	Sep	Oct	Nov	Dec
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Alcova-Glendo Gain	kaf	12.5	22.5	25.6	64.1	96.4	19.9	-0.4	1.1	12.2	16.4	15.8	10.2	
Infl from Gray Reef	kaf	30.7	27.8	49.2	59.5	70.7	138.4	172.2	144.5	48.4	30.7	29.8	30.7	
Total Inflow	kaf	43.2	50.3	74.8	123.6	167.1	158.3	171.8	145.6	60.6	47.1	45.6	40.9	
Total Inflow	cfs	703.	906.	1217.	2077.	2718.	2660.	2794.	2368.	1018.	766.	766.	665.	
Turbine Release	kaf	0.0	0.0	42.0	45.1	131.5	147.8	230.9	221.4	137.8	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	0.0	0.0	0.0	76.6	60.2	0.0	0.0	0.0	0.0	
Total Release	kaf	1.5	1.5	43.5	46.6	133.0	149.3	309.0	283.1	139.3	1.5	1.5	1.5	
Total Release	cfs	24.	27.	707.	783.	2163.	2509.	5025.	4604.	2341.	24.	25.	24.	
Evaporation	kaf	0.7	0.8	1.8	3.2	5.0	7.0	6.9	4.8	2.6	1.1	0.8	0.8	
End-month content	kaf	307.6	355.6	385.1	458.9	488.0*	490.0*	345.5	201.3	120.0*	164.5	207.8	246.4	
End-month elevation	ft	4616.8	4622.2	4625.2	4632.2	4634.7	4634.8	4621.1	4603.0	4588.6	4597.2	4604.0	4609.3	

Guernsey Reservoir Operations		Initial Content					Operating Limits: Max					28.0 Kaf, 4411.92 Ft.		
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Min	Sep	Oct	Nov	Dec
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Glendo-Guerns Gain	kaf	1.6	1.2	1.0	7.5	34.9	22.2	6.5	-0.2	4.2	3.3	1.8	1.6	
Inflow from Glendo	kaf	1.5	1.5	43.5	46.6	133.0	149.3	309.0	283.1	139.3	1.5	1.5	1.5	
Total Inflow	kaf	3.1	2.7	44.5	54.1	167.9	171.5	315.5	282.9	143.5	4.8	3.3	3.1	
Total Inflow	cfs	50.	49.	724.	909.	2731.	2882.	5131.	4601.	2412.	78.	55.	50.	
Turbine Release	kaf	0.0	0.0	26.0	41.2	53.6	51.8	53.6	53.6	55.8	0.0	0.0	0.0	
Seepage	kaf	1.5	1.2	1.0	0.4	1.2	3.0	3.1	2.5	0.3	1.5	1.5	1.5	
Spillway Release	kaf	0.0	0.0	16.5	0.0	112.3	115.6	257.6	225.8	112.9	0.0	0.0	0.0	
Total Release	kaf	1.5	1.2	43.5	41.6	167.1	170.4	314.3	281.9	169.0	1.5	1.5	1.5	
Total Release	cfs	24.	22.	707.	699.	2718.	2864.	5112.	4585.	2840.	24.	25.	24.	
Evaporation	kaf	0.1	0.1	0.3	0.4	0.8	1.1	1.2	1.0	0.5	0.1	0.2	0.1	
End-month content	kaf	13.8#	15.2#	15.9*	28.0*	28.0*	28.0*	28.0*	28.0*	2.0*	5.2*	6.8*	8.3*	
End-month elevation	ft	4403.4	4404.4	4404.9	4411.9	4411.9	4411.9	4411.9	4411.9	4388.0	4394.8	4396.9	4398.6	
Physical EOM Cont	kaf	1734.7	1788.1	1828.2	1993.2	2267.8	2582.1	2410.0	2142.9	2000.2	2044.4	2089.6	2125.2	

NORTH PLATTE RIVER OPERATING PLAN  
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OWNERSHIP OPERATIONS

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
North Platte Pathfinder		Initial Ownership 509.6 Kaf, Accrued this water year: 60.5 Kaf											
Net Accrual	kaf	28.8	32.7	61.3	144.0	293.6	0.0	0.0	0.0	0.0	33.3	31.1	27.3
Evaporation	kaf	1.0	1.0	2.4	4.9	7.3	13.7	14.0	12.1	7.5	4.5	2.6	1.6
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	189.2	110.8	0.0	0.0	0.0
End-month Ownership	kaf	538.4	571.1	632.4	776.4	1070.0	1056.3	1042.3	841.0	722.7	756.0	787.1	814.4
North Platte Guernsey		Initial Ownership 7.0 Kaf, Accrued this water year: 7.0 Kaf											
Net Accrual	kaf	12.6	22.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3
Evaporation/Seepage	kaf	1.5	1.2	0.2	0.3	0.4	0.6	0.6	0.3	0.0	0.0	0.0	1.5
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	15.2	28.2	0.0	0.0	0.0	0.0
End-month Ownership	kaf	19.6	42.1	45.6	45.3	44.9	44.3	28.5	0.0	0.0	0.0	0.0	10.3
Inland Lakes		Initial Ownership 18.7 Kaf, Accrued this water year: 18.7 Kaf											
Net Accrual	kaf	0.0	0.0	0.0	27.3	0.0	0.0	0.0	0.0	0.0	18.2	16.0	0.0
Evaporation/Seepage	kaf	0.1	0.1	0.1	0.2	0.3	0.0	0.0	0.0	0.0	1.5	1.6	0.1
Trnsfr fm Ownership	kaf	0.0	0.0	0.0	10.0	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
End-month Ownership	kaf	18.6	18.5	18.4	35.7	0.0	0.0	0.0	0.0	0.0	18.2	34.2	34.1
Kendrick		Initial Ownership 1007.6 Kaf, Accrued this water year: 0.0 Kaf											
Net Accrual	kaf	0.0	0.0	0.0	0.0	22.3	187.4	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	2.0	2.0	4.2	7.4	9.0	13.5	15.9	13.6	10.3	7.0	3.9	2.3
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	18.3	15.5	9.3	0.0	0.0	0.0
End-month Ownership	kaf	1005.6	1003.6	999.4	992.0	1014.3	1201.7	1167.5	1138.4	1118.8	1111.8	1107.9	1105.6
Glendo Unit		Initial Ownership 137.2 Kaf, Accrued this water year: 0.0 Kaf											
Accrual	kaf	0.0	0.0	22.9	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation	kaf	0.2	0.3	0.6	1.3	1.6	2.2	2.2	1.8	1.4	0.9	0.5	0.3
Deliv fm Ownership	kaf	0.0	0.0	0.0	0.0	0.0	0.0	6.0	5.0	4.0	0.0	0.0	0.0
End-month Ownership	kaf	137.0	136.7	159.0	169.3	167.7	165.5	157.3	150.5	145.1	144.2	143.7	143.4
Re-regulation		Initial Ownership 0.0 Kaf, Accrued this water year: 0.0 Kaf											
Accrual	kaf	0.0	0.0	0.0	32.5	0.0	142.5	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	1.3	0.0	0.0	0.0	0.0	0.0
Release	kaf	0.0	0.0	43.5	31.6	0.0	0.0	98.6	0.0	0.0	0.0	0.0	0.0
End-month total	kaf	0.0	0.0	-43.5	-42.6	-42.6	99.9	0.0	0.0	0.0	0.0	0.0	0.0

NORTH PLATTE RIVER OPERATING PLAN  
 Year Beginning Jan 2019

City of Cheyenne		Initial Ownership 5.8 Kaf,											
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Inflow	kaf	0.5	0.6	0.8	0.3	0.6	2.7	1.1	0.7	0.7	0.7	2.5	0.7
Evaporation	kaf	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	4.0	1.6	0.5	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	6.3	6.9	7.7	8.0	4.5	5.5	6.0	6.6	7.2	7.8	10.3	11.0
Pacifcorp		Initial Ownership 2.0 Kaf,											
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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 7.2 Kaf,											
-----		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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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	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.9	0.0	0.0	0.0	0.0
Ownership	kaf	7.2	7.2	7.2	7.1	7.0	6.9	6.4	4.4	4.4	4.4	4.4	4.4

IRRIGATION DELIVERY

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Kendrick (Casper Canal)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Requested	kaf	0.0	0.0	0.0	0.0	9.5	13.3	18.3	15.5	9.3	0.0	0.0	0.0
Delivered	kaf	0.0	0.0	0.0	0.0	9.5	13.3	18.3	15.5	9.3	0.0	0.0	0.0
Kendrick (River)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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North Platte Req	kaf	0.0	0.0	0.0	0.0	131.7	168.4	308.3	276.9	165.0	0.0	0.0	0.0
Glendo Req	kaf	0.0	0.0	0.0	0.0	0.0	2.0	6.0	5.0	4.0	0.0	0.0	0.0
Inland Lakes Req	kaf	0.0	0.0	0.0	10.0	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Requirement	kaf	0.0	0.0	0.0	10.0	167.1	170.4	314.3	281.9	169.0	0.0	0.0	0.0
Seepage	kaf	1.5	1.2	1.0	0.4	1.2	3.0	3.1	2.5	0.3	1.5	1.5	1.5
Actual Release	kaf	1.5	1.2	43.5	41.6	167.1	170.4	314.3	281.9	169.0	1.5	1.5	1.5
Spill	kaf	0.0	0.0	42.5	31.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ownership EOM Cont	kaf	1734.7	1788.1	1828.2	1993.2	2267.8	2582.1	2410.0	2142.9	2000.2	2044.4	2089.6	2125.2

NORTH PLATTE RIVER OPERATING PLAN  
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POWER GENERATION

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Seminoe Power Plant	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Turbine Release kaf	32.6	29.4	49.2	119.0	195.3	190.6	76.9	64.8	50.6	32.6	31.5	32.6
Bypass kaf	0.0	0.0	0.0	0.0	62.9	102.3	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation gwh	28.272	28.815	31.842	30.808	32.200	32.402	33.088	32.834	31.926	33.181	32.083	33.198
Actual generation gwh	5.349	4.822	8.063	19.501	32.200	32.402	13.534	11.470	8.906	5.732	5.522	5.705
Percent max generation	19.	17.	25.	63.	100.	100.	41.	35.	28.	17.	17.	17.
Average kwh/af	164.	164.	164.	164.	165.	170.	176.	177.	176.	176.	175.	175.
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Kortes Power Plant	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Turbine Release kaf	32.6	29.4	49.2	119.0	169.1	163.6	76.9	64.8	50.6	32.6	31.5	32.6
Bypass kaf	0.0	0.0	0.0	0.0	89.1	129.3	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation gwh	25.009	18.438	19.402	24.097	29.085	28.139	29.085	29.085	28.139	29.085	28.139	29.085
Actual generation gwh	5.607	5.057	8.462	20.468	29.085	28.139	13.227	11.146	8.703	5.607	5.418	5.607
Percent max generation	22.	27.	44.	85.	100.	100.	45.	38.	31.	19.	19.	19.
Average kwh/af	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.	172.
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Fremont Canyon	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Turbine Release kaf	0.0	23.8	45.0	79.4	76.7	148.7	169.1	156.9	54.4	3.4	25.6	26.3
Bypass kaf	29.9	4.2	4.6	4.5	4.6	4.5	23.1	4.6	4.5	4.6	4.5	4.6
Maximum generation gwh	0.000	29.446	45.804	44.606	47.187	45.778	47.331	47.254	45.679	47.222	45.696	47.236
Actual generation gwh	0.000	6.430	12.189	21.648	21.403	41.609	47.331	43.845	15.189	0.949	7.151	7.347
Percent max generation	0.	22.	27.	49.	45.	91.	100.	93.	33.	2.	16.	16.
Average kwh/af	0.	270.	271.	273.	279.	280.	280.	279.	279.	279.	279.	279.
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Alcova Power Plant	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Turbine Release kaf	30.9	27.8	49.2	59.6	70.8	138.5	172.3	144.6	48.5	30.8	29.8	30.7
Bypass kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum generation gwh	19.898	12.852	14.620	26.275	27.552	26.656	27.552	27.552	26.656	27.158	26.588	27.472
Actual generation gwh	4.206	3.781	6.691	8.225	9.912	19.390	24.122	20.244	6.790	4.250	4.053	4.175
Percent max generation	21.	29.	46.	31.	36.	73.	88.	73.	25.	16.	15.	15.
Average kwh/af	136.	136.	136.	138.	140.	140.	140.	140.	140.	138.	136.	136.
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Glendo Power Plant	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Turbine Release kaf	0.0	0.0	42.0	45.1	131.5	147.8	230.9	221.4	137.8	0.0	0.0	0.0
Bypass kaf	1.5	1.5	1.5	1.5	1.5	1.5	78.1	61.7	1.5	1.5	1.5	1.5
Maximum generation gwh	11.737	20.571	23.862	21.251	26.845	26.430	25.204	21.006	15.536	15.001	16.979	19.597
Actual generation gwh	0.000	0.000	4.431	4.938	14.920	16.947	25.204	21.006	10.323	0.000	0.000	0.000
Percent max generation	0.	0.	19.	23.	56.	64.	100.	100.	66.	0.	0.	0.
Average kwh/af	0.	0.	106.	109.	113.	115.	109.	95.	75.	0.	0.	0.
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Guernsey Power Plant	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Turbine Release kaf	0.0	0.0	26.0	41.2	53.6	51.8	53.6	53.6	55.8	0.0	0.0	0.0
Bypass kaf	1.5	1.2	17.5	0.4	113.5	118.6	260.7	228.3	113.2	1.5	1.5	1.5
Maximum generation gwh	0.000	0.000	1.600	3.573	3.795	3.667	3.795	3.795	3.404	2.206	2.990	3.189
Actual generation gwh	0.000	0.000	1.600	2.767	3.795	3.667	3.795	3.795	3.404	0.000	0.000	0.000
Percent max generation	0.	0.	100.	77.	100.	100.	100.	100.	100.	0.	0.	0.
Average kwh/af	0.	0.	62.	67.	71.	71.	71.	71.	61.	0.	0.	0.