

Based on Expected April-July Inflow Estimates: Seminole 770KAF / Sweetwater 45KAF / Alcova-Glendo 170KAF

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning May 2009

Gray Reef Reservoir Operations		Initial Content						1.5 Kaf		Operating Limits: Max				1.1 Kaf, 5327.42 Ft.	
-----		-----						-----		Min				0.0 Kaf, 5306.00 Ft.	
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr		
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Total Inflow	kaf	61.9	112.1	143.9	143.8	76.6	30.7	29.8	30.7	30.7	27.8	40.5	36.8		
Total Inflow	cfs	1007.	1884.	2340.	2339.	1287.	499.	501.	499.	499.	501.	659.	618.		
Total Release	kaf	62.3	112.0	143.8	143.7	76.5	30.7	29.8	30.7	30.7	27.8	40.5	36.8		
Total Release	cfs	1013.	1882.	2339.	2337.	1286.	499.	501.	499.	499.	501.	659.	618.		
Glendo Reservoir Operations		Initial Content						476.6 Kaf		Operating Limits: Max				789.4 Kaf, 4653.00 Ft.	
-----		-----						-----		Min				63.2 Kaf, 4570.02 Ft.	
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr		
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Alcova-Glendo Gain	kaf	80.0	25.0	-1.0	-1.6	12.1	13.2	11.5	7.7	8.2	15.6	17.5	43.5		
Infl from Gray Reef	kaf	62.3	112.0	143.8	143.7	76.5	30.7	29.8	30.7	30.7	27.8	40.5	36.8		
Total Inflow	kaf	142.3	137.0	142.8	142.1	88.6	43.9	41.3	38.4	38.9	43.4	58.0	80.3		
Total Inflow	cfs	2314.	2302.	2322.	2311.	1489.	714.	694.	625.	633.	781.	943.	1349.		
Turbine Release	kaf	148.2	148.3	225.1	218.2	40.1	0.0	0.0	0.0	0.0	0.0	0.0	19.7		
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	78.4	92.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total Release	kaf	149.7	149.8	305.0	312.2	41.6	1.5	1.5	1.5	1.5	1.5	1.5	21.2		
Total Release	cfs	2435.	2517.	4960.	5077.	699.	24.	25.	24.	24.	27.	24.	356.		
Evaporation	kaf	4.8	6.3	6.1	3.7	2.0	1.2	0.8	0.7	0.7	0.8	1.7	3.1		
End-month content	kaf	465.0*	445.0*	275.3	100.0*	145.0*	186.2	225.2	261.4	298.1	339.2#	394.0*	450.0*		
End-month elevation	ft	4630.5	4628.7	4610.2	4580.3	4590.2	4597.5	4603.4	4608.4	4613.1	4617.9	4623.7	4629.2		
Guernsey Reservoir Operations		Initial Content						25.5 Kaf		Operating Limits: Max				45.6 Kaf, 4419.99 Ft.	
-----		-----						-----		Min				0.0 Kaf, 4370.00 Ft.	
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr		
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Glendo-Guerns Gain	kaf	7.9	3.2	2.1	1.7	5.1	3.4	2.1	1.9	1.4	1.0	0.6	5.0		
Inflow from Glendo	kaf	149.7	149.8	305.0	312.2	41.6	1.5	1.5	1.5	1.5	1.5	1.5	21.2		
Total Inflow	kaf	157.6	153.0	307.1	313.9	46.7	4.9	3.6	3.4	2.9	2.5	2.1	26.2		
Total Inflow	cfs	2563.	2571.	4995.	5105.	785.	80.	60.	55.	47.	45.	34.	440.		
Turbine Release	kaf	53.8	51.8	53.6	53.6	55.4	0.0	0.0	0.0	0.0	0.0	0.0	20.6		
Seepage	kaf	1.2	3.0	3.1	2.5	0.3	0.3	0.2	0.3	0.4	0.3	0.3	0.4		
Spillway Release	kaf	99.4	97.2	249.3	256.9	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total Release	kaf	154.4	152.0	306.0	313.0	70.0	0.3	0.2	0.3	0.4	0.3	0.3	21.0		
Total Release	cfs	2511.	2554.	4977.	5090.	1176.	5.	3.	5.	7.	5.	5.	353.		
Evaporation	kaf	0.7	1.0	1.1	0.9	0.7	0.2	0.2	0.2	0.2	0.2	0.3	0.5		
End-month content	kaf	28.0*	28.0*	28.0*	28.0*	4.0*	8.4#	11.6	14.5	16.8	18.8#	20.3#	25.0*		
End-month elevation	ft	4411.9	4411.9	4411.9	4411.9	4392.8	4398.7	4401.7	4403.9	4405.5	4406.8	4407.7	4410.4		

Based on Expected April-July Inflow Estimates: Seminole 770KAF / Sweetwater 45KAF / Alcova-Glendo 170KAF

NORTH PLATTE RIVER OPERATING PLAN
Year Beginning May 2009

City of Cheyenne

Initial Ownership 6.1 Kaf,

		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Inflow	kaf	1.5	1.0	0.5	0.6	0.3	0.3	0.3	0.4	0.5	0.8	4.5	0.5
Evaporation	kaf	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Release	kaf	3.0	3.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	4.5	2.0	2.1	2.7	3.0	3.3	3.6	4.0	4.5	5.3	9.8	10.2

Pacificorp

Initial Ownership 2.0 Kaf,

		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Inflow	kaf	0.6	0.6	0.6	0.3	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Release	kaf	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	0.6	1.2	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

Other

Initial Ownership 3.5 Kaf,

		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Inflow	kaf	2.0	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Release	kaf	0.0	1.5	2.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ownership	kaf	5.5	3.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IRRIGATION DELIVERY

		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Kendrick (Casper Canal)													
Requested	kaf	10.0	12.0	17.0	9.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delivered	kaf	10.0	12.0	17.0	9.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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													
North Platte Req	kaf	130.0	150.0	300.0	305.0	64.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Glendo Req	kaf	0.0	2.0	6.0	8.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inland Lakes Req	kaf	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
Total Requirement	kaf	154.4	152.0	306.0	313.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
Seepage	kaf	1.2	3.0	3.1	2.5	0.3	0.3	0.2	0.3	0.4	0.3	0.3	0.4
Actual Release	kaf	154.4	152.0	306.0	313.0	70.0	0.3	0.2	0.3	0.4	0.3	0.3	21.0

