

Based on Most Probable April-July runoff of: Bull Lake - 144 kaf / Wind River ab Bull Lake Creek - 427 kaf / Riverton - 173 kaf
 This plan assumes an annual demand of 165 KAF for the North Canal and 182 KAF for the Pilot Canal

RIVERTON PROJECT OPERATING PLAN
 Year Beginning Dec 2016

Bull Lake Reservoir Operations		Initial Content					37.4 Kaf		Operating Limits: Max 151.0 Kaf, 5804.54 Ft.					Min 20.0 Kaf, 5750.93 Ft.	
		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total	
Reservoir Inflow	kaf	2.6	2.6	1.7	2.0	2.9	29.4	64.2	47.4	20.2	10.5	6.2	3.4	193.1	
Total Dam Release	kaf	1.5	1.5	1.4	1.5	1.5	1.5	1.5	28.7	41.5	40.2	11.2	1.5	133.6	
Total Dam Release	cfs	25.	25.	25.	25.	25.	25.	25.	467.	675.	675.	182.	25.		
Excess Release	kaf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	13.0	0.0	0.0	0.0	40.2	
End-month Content	kaf	38.5	39.5	39.8	40.3	41.7	69.6	132.3	151.0	129.7	100.0	95.0	96.9		
End-month Elevation	ft	5760.9	5761.4	5761.6	5761.8	5762.5	5775.2	5798.4	5804.5	5797.6	5787.1	5785.3	5786.0		
BLR Net Change	kaf	1.1	1.1	0.3	0.5	1.4	27.9	62.7	18.7	-21.3	-29.7	-5.0	1.9	59.5	
Wind River		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total	
Flow abv BL Creek	kaf	18.4	16.0	15.0	17.4	28.3	106.4	174.6	115.3	53.4	35.7	34.1	24.6	639.2	
Crowheart Gage Flow	kaf	19.9	17.5	16.4	18.9	29.8	107.9	176.1	144.0	94.9	75.9	45.3	26.1	772.8	
Flow Below Div Dam	kaf	19.9	17.5	16.4	18.9	12.5	53.2	111.4	63.1	37.8	18.3	31.7	26.1	426.9	
Gain/Return Flow	kaf	0.0	0.0	0.0	0.0	4.8	7.4	7.1	7.4	6.1	5.4	0.0	0.0	38.2	
Indian Irrigation	kaf	0.0	0.0	0.0	0.0	1.8	6.1	6.0	6.1	5.5	4.5	1.2	0.0	31.3	
LeClair/Riverton	kaf	0.0	0.0	0.0	0.0	3.5	18.8	24.2	27.2	21.1	15.0	0.0	0.0	109.8	
LeC/Riv Shortage	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	
Riverton Gage Flow	cfs	324.2	285.2	295.1	308.0	201.0	580.1	1485.2	603.7	281.9	70.1	495.0	438.4		
Wyoming Canal		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total	
Total Diversion	kaf	0.0	0.0	0.0	0.0	17.3	54.7	64.7	80.9	57.1	57.6	13.6	0.0	345.9	
North Canal Flow	kaf	0.0	0.0	0.0	0.0	9.8	26.4	31.2	36.5	30.9	27.0	3.4	0.0	165.2	
North Canal Shortage	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	
Pilot Butte Reservoir Operations		Initial Content					29.5 Kaf		Operating Limits: Max 29.9 Kaf, 5459.98 Ft.					Min 10.0 Kaf, 5433.49 Ft.	
		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total	
Reservoir Inflow	kaf	0.0	0.0	0.0	0.0	7.5	28.3	33.5	44.4	26.2	30.6	10.2	0.0	180.7	
Power Generated	mwh	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	
Pilot Canal Release	kaf	0.0	0.0	0.0	0.0	6.7	28.0	33.1	43.9	37.4	33.3	0.0	0.0	182.4	
Pilot Canal Shortage	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 Content	kaf	29.4	29.3	29.2	29.0	29.6	29.6	29.6	29.6	18.0	15.0	25.0	24.8		
PBR Net Change	kaf	-0.1	-0.1	-0.1	-0.2	0.6	0.0	0.0	0.0	-11.6	-3.0	10.0	-0.2	-4.7	
End-month Elevation	ft	5459.4	5459.3	5459.2	5459.0	5459.6	5459.6	5459.6	5459.6	5445.5	5441.3	5454.3	5454.1		

Based on Reasonable Minimum April-July runoff of: Bull Lake - 98 kaf / Wind River ab Bull Lake Creek - 257 kaf / Riverton - 26 kaf
 This plan assumes an annual demand of 165 KAF for the North Canal and 185 KAF for the Pilot Canal

RIVERTON PROJECT OPERATING PLAN
 Year Beginning Dec 2016

Bull Lake Reservoir Operations		Initial Content					37.4 Kaf		Operating Limits: Max					151.5 Kaf, 5804.70 Ft.	
							Min					20.0 Kaf, 5750.93 Ft.			
		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total	
Reservoir Inflow	kaf	1.7	1.6	1.2	1.6	3.2	26.1	40.8	27.7	15.3	7.5	4.5	2.0	133.2	
Total Dam Release	kaf	1.5	1.5	1.4	1.5	1.5	1.5	1.5	37.8	55.6	40.1	1.5	1.5	147.1	
Total Dam Release	cfs	25.	25.	25.	25.	25.	25.	25.	615.	905.	674.	25.	25.		
Excess 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 Content	kaf	37.6	37.6	37.4	37.5	39.2	63.8	103.1	93.0	52.6	20.0	23.0	23.5		
End-month Elevation	ft	5760.4	5760.5	5760.4	5760.4	5761.3	5772.7	5788.3	5784.5	5767.7	5750.9	5752.6	5752.9		
BLR Net Change	kaf	0.2	0.1	-0.2	0.1	1.7	24.6	39.3	-10.1	-40.3	-32.6	3.0	0.5	-13.9	
Wind River		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total	
Flow abv BL Creek	kaf	17.2	15.0	13.8	16.5	24.5	74.0	98.3	59.9	36.0	28.3	28.7	21.3	433.5	
Crowheart Gage Flow	kaf	18.7	16.5	15.2	18.0	26.0	75.5	99.8	97.7	91.6	68.4	30.2	22.8	580.6	
Flow Below Div Dam	kaf	18.7	16.5	15.2	18.0	8.7	20.8	35.1	28.4	22.9	16.5	6.2	22.8	230.0	
Gain/Return Flow	kaf	0.0	0.0	0.0	0.0	4.8	7.4	7.1	7.4	6.1	5.4	0.0	0.0	38.2	
Indian Irrigation	kaf	0.0	0.0	0.0	0.0	1.8	6.1	6.0	6.1	5.5	4.5	1.2	0.0	31.3	
LeClair/Riverton	kaf	0.0	0.0	0.0	0.0	3.5	18.8	24.2	27.2	21.1	15.0	0.0	0.0	109.8	
LeC/Riv Shortage	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	
Riverton Gage Flow	cfs	304.7	269.0	273.5	293.3	137.2	53.1	203.0	40.0	40.0	40.0	81.4	383.0		
Wyoming Canal		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total	
Total Diversion	kaf	0.0	0.0	0.0	0.0	17.3	54.7	64.7	69.3	68.7	51.9	24.0	0.0	350.6	
North Canal Flow	kaf	0.0	0.0	0.0	0.0	9.8	26.4	31.2	36.5	30.9	27.0	3.4	0.0	165.2	
North Canal Shortage	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	
Pilot Butte Reservoir Operations		Initial Content					29.5 Kaf		Operating Limits: Max					29.9 Kaf, 5459.98 Ft.	
							Min					10.0 Kaf, 5433.49 Ft.			
		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total	
Reservoir Inflow	kaf	0.0	0.0	0.0	0.0	7.5	28.3	33.5	32.8	37.8	24.9	20.6	0.0	185.4	
Power Generated	mwh	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	
Pilot Canal Release	kaf	0.0	0.0	0.0	0.0	6.7	28.0	33.1	43.9	37.4	32.6	3.4	0.0	185.1	
Pilot Canal Shortage	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 Content	kaf	29.4	29.3	29.2	29.0	29.6	29.6	29.6	18.0	18.0	10.0	27.0	26.8		
PBR Net Change	kaf	-0.1	-0.1	-0.1	-0.2	0.6	0.0	0.0	-11.6	0.0	-8.0	17.0	-0.2	-2.7	
End-month Elevation	ft	5459.4	5459.3	5459.2	5459.0	5459.6	5459.6	5459.6	5445.5	5445.5	5433.5	5456.7	5456.5		

Based on Reasonable Maximum April-July runoff of: Bull Lake - 195 kaf / Wind River ab Bull Lake Creek - 642 kaf / Riverton - 442 kaf
 This plan assumes an annual demand of 165 KAF for the North Canal and 186 KAF for the Pilot Canal

RIVERTON PROJECT OPERATING PLAN
 Year Beginning Dec 2016

Bull Lake Reservoir Operations		Initial Content					37.4 Kaf		Operating Limits: Max 151.0 Kaf, 5804.54 Ft.					Total
		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Min 20.0 Kaf, 5750.93 Ft.	Sep	Oct	
Reservoir Inflow	kaf	2.7	2.4	1.8	2.2	4.5	28.1	86.3	75.7	32.3	12.0	5.5	3.0	256.5
Total Dam Release	kaf	1.5	1.5	1.4	1.5	1.5	3.5	38.9	40.2	48.4	46.9	5.5	1.5	192.4
Total Dam Release	cfs	25.	25.	25.	25.	25.	57.	654.	654.	788.	788.	89.	25.	
Excess Release	kaf	0.0	0.0	0.0	0.0	0.0	2.0	37.4	38.7	34.9	18.9	4.0	0.0	135.7
End-month Content	kaf	38.6	39.4	39.8	40.5	43.5	68.1	115.5	151.0	134.9	100.0	100.0	101.5	
End-month Elevation	ft	5760.9	5761.4	5761.6	5761.9	5763.4	5774.6	5792.7	5804.5	5799.3	5787.1	5787.1	5787.7	
BLR Net Change	kaf	1.2	0.9	0.4	0.7	3.0	24.6	47.4	35.5	-16.1	-34.9	0.0	1.5	64.1
Wind River		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Flow abv BL Creek	kaf	20.6	18.9	16.1	19.9	25.5	119.9	305.1	191.1	79.4	44.0	36.1	25.0	901.6
Crowheart Gage Flow	kaf	22.1	20.4	17.5	21.4	27.0	123.4	344.0	231.3	127.8	90.9	41.6	26.5	1094.0
Flow Below Div Dam	kaf	22.1	20.4	17.5	21.4	9.7	68.7	279.3	150.4	59.1	44.9	22.6	26.5	742.7
Gain/Return Flow	kaf	0.0	0.0	0.0	0.0	4.8	7.4	7.1	7.4	6.1	5.4	0.0	0.0	38.2
Indian Irrigation	kaf	0.0	0.0	0.0	0.0	1.8	6.1	6.0	6.1	5.5	4.5	1.2	0.0	31.3
LeClair/Riverton	kaf	0.0	0.0	0.0	0.0	3.5	18.8	24.2	27.2	21.1	15.0	0.0	0.0	109.8
LeC/Riv Shortage	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
Riverton Gage Flow	cfs	360.0	332.4	314.9	348.6	154.0	832.0	4307.0	2023.5	628.5	517.0	347.6	445.1	
Wyoming Canal		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Total Diversion	kaf	0.0	0.0	0.0	0.0	17.3	54.7	64.7	80.9	68.7	46.0	19.0	0.0	351.3
North Canal Flow	kaf	0.0	0.0	0.0	0.0	9.8	26.4	31.2	36.5	30.9	27.0	3.4	0.0	165.2
North Canal Shortage	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
Pilot Butte Reservoir Operations		Initial Content					29.5 Kaf		Operating Limits: Max 29.9 Kaf, 5459.98 Ft.					Total
		Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Min 10.0 Kaf, 5433.49 Ft.	Sep	Oct	
Reservoir Inflow	kaf	0.0	0.0	0.0	0.0	7.5	28.3	33.5	44.4	37.8	19.0	15.6	0.0	186.1
Power Generated	mwh	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
Pilot Canal Release	kaf	0.0	0.0	0.0	0.0	6.7	28.0	33.1	43.9	37.4	33.3	3.4	0.0	185.8
Pilot Canal Shortage	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 Content	kaf	29.4	29.3	29.2	29.0	29.6	29.6	29.6	29.6	29.6	15.0	27.0	26.8	
PBR Net Change	kaf	-0.1	-0.1	-0.1	-0.2	0.6	0.0	0.0	0.0	0.0	-14.6	12.0	-0.2	-2.7
End-month Elevation	ft	5459.4	5459.3	5459.2	5459.0	5459.6	5459.6	5459.6	5459.6	5459.6	5441.3	5456.7	5456.5	