

## TIBER RESERVOIR OPERATIONS

### Water Supply Forecasts and Reservoir Operations October 1, 2009

Present Elevation and Storage: 2988.18 & 841,617 acre-feet (107 Percent of Normal)

#### **Actual Inflows (1,000 Acre-Feet):**

<u>Month</u>	<u>Inflow</u>	<u>Percent of Normal</u>
October	15.9	71
November	12.6	57
December	10.1	54
January	15.4	95
February	12.9	60
March	25.1	50
April	43.2	68
May	125.2	75
June	107.3	56
July	30.5	49
August	17.7	91
September	9.8	61
Water Year	425.8	63
April-July	306.2	63

#### October Forecasts (October Runoff)

<u>Agency</u>	<u>Inflow</u>	<u>Percent of Normal</u>
Reclamation	12.3	55
NRCS	N/A	N/A
Corps	N/A	N/A
Average	12.3	55

LAKE ELWELL (TIBER RESERVOIR) MONTHLY OPERATIONS

**Based on October 2009 MOST Probable Inflow Forecast**

Tiber Reservoir	2010	Initial Cont Elev 2988.18 ft				Maximum Cont Elev 3013.69 ft				Minimum Cont Elev 2932.27 ft				Total
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Monthly Inflow	kaf	12.3	14.0	10.8	13.3	15.2	30.7	49.1	125.3	107.2	36.7	11.8	9.2	435.6
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
Dam Release	kaf	37.0	35.8	37.0	37.0	33.4	30.7	29.8	30.7	38.7	39.9	39.9	38.7	428.6
Dam Release	cfs	602	602	602	602	601	499	501	499	650	649	649	650	
End-Month Content	kaf	816.9	795.1	768.9	745.2	727.0	727.0	746.3	840.9	909.4	906.2	878.1	848.6	
End-Month Elevation	ft	2986.64	2985.22	2983.45	2981.81	2980.52	2980.52	2981.88	2988.14	2992.11	2991.93	2990.34	2988.60	
Net Change Content	kaf	-24.7	-21.8	-26.2	-23.7	-18.2	0.0	19.3	94.6	68.5	-3.2	-28.1	-29.5	7.0

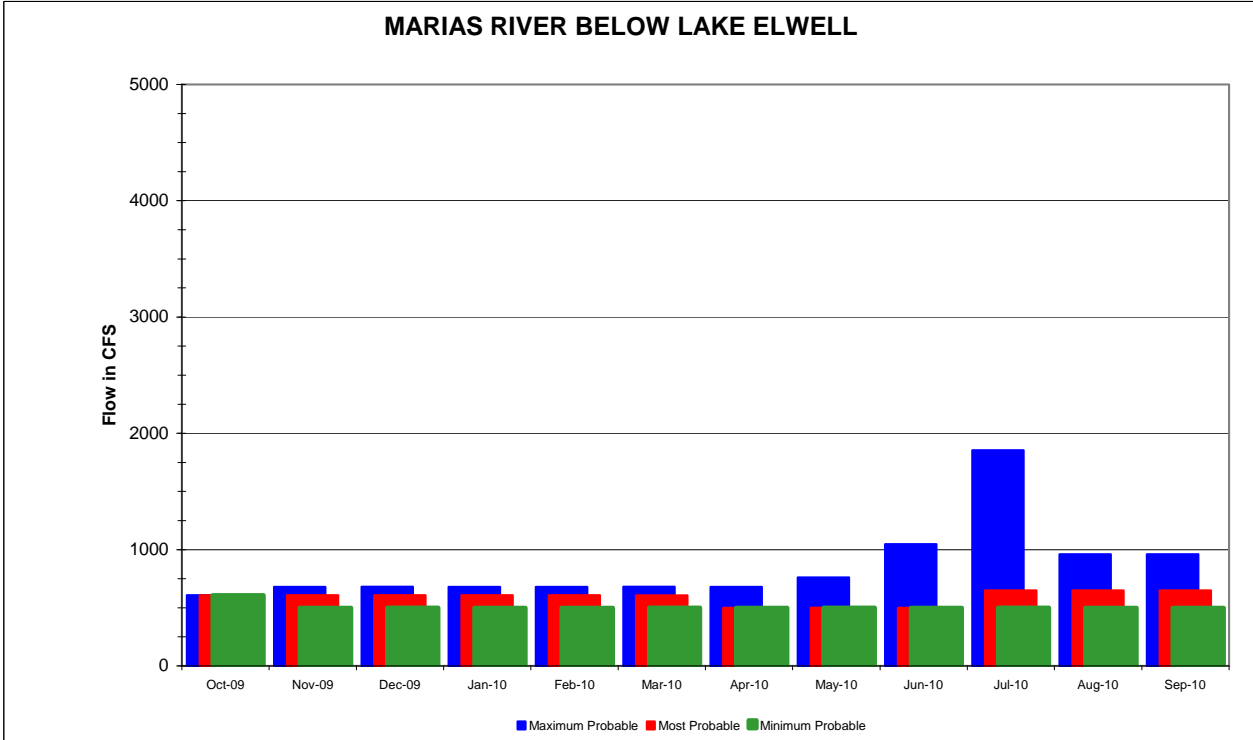
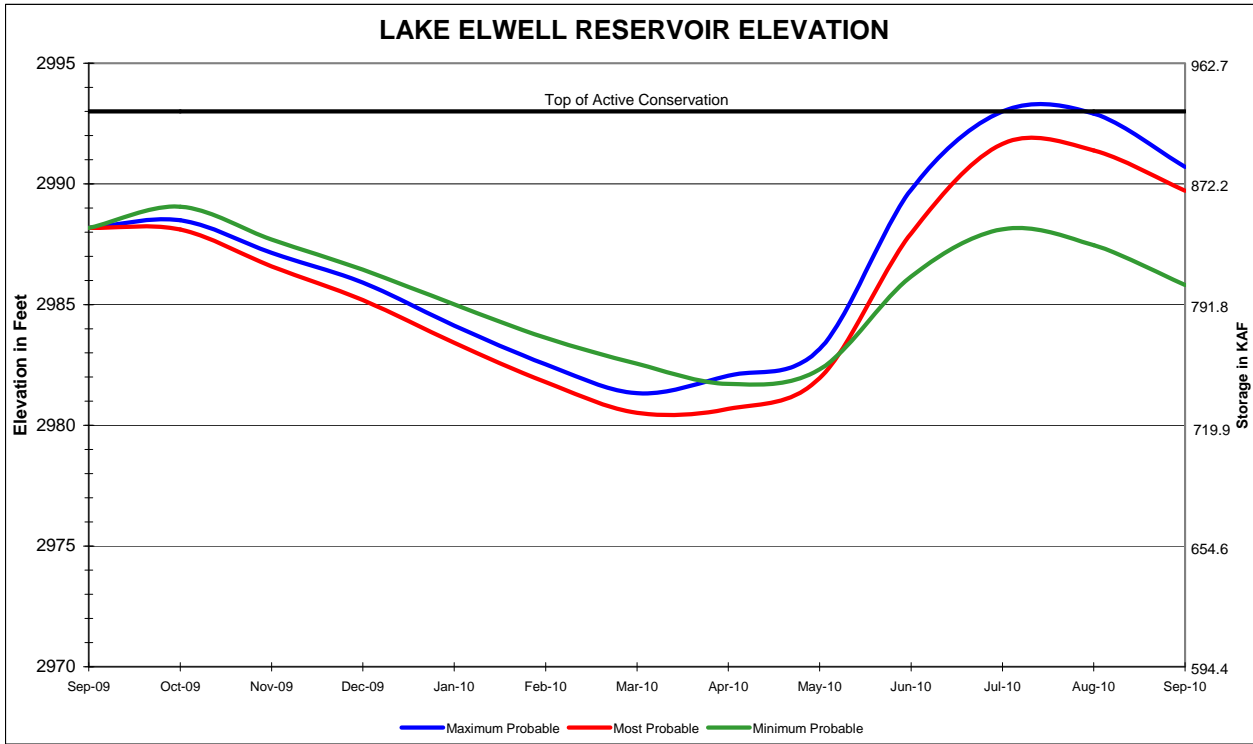
**Based on October 2009 MINIMUM Probable Inflow Forecast**

Tiber Reservoir	2010	Initial Cont Elev 2988.18 ft				Maximum Cont Elev 3013.69 ft				Minimum Cont Elev 2932.27 ft				Total
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Monthly Inflow	kaf	9.2	10.5	8.1	10.0	11.4	23.0	36.8	87.6	61.1	19.9	4.9	4.1	286.6
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
Dam Release	kaf	37.0	29.8	30.7	30.7	27.8	30.7	29.8	30.7	29.8	30.7	30.7	29.8	368.2
Dam Release	cfs	602	501	499	499	501	499	501	499	501	499	499	501	
End-Month Content	kaf	813.8	794.5	771.9	751.2	734.8	727.1	734.1	791.0	822.3	811.5	785.7	760.0	
End-Month Elevation	ft	2986.44	2985.18	2983.65	2982.23	2981.07	2980.52	2981.02	2984.95	2986.98	2986.29	2984.59	2982.84	
Net Change Content	kaf	-27.8	-19.3	-22.6	-20.7	-16.4	-7.7	7.0	56.9	31.3	-10.8	-25.8	-25.7	-81.6

**Based on October 2009 MAXIMUM Probable Inflow Forecast**

Tiber Reservoir	2010	Initial Cont Elev 2988.18 ft				Maximum Cont Elev 3013.69 ft				Minimum Cont Elev 2932.27 ft				Total
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Monthly Inflow	kaf	15.4	17.5	13.5	16.6	19.0	38.4	61.4	162.9	273.2	87.3	26.5	20.7	752.4
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
Dam Release	kaf	36.9	40.5	41.8	41.8	37.8	41.8	40.5	93.1	159.7	139.6	115.3	39.8	828.6
Dam Release	cfs	600	681	680	680	681	680	681	1514	2684	2270	1875	669	
End-Month Content	kaf	820.1	797.1	768.8	743.6	724.8	721.4	742.3	812.1	925.6	873.3	784.5	765.4	
End-Month Elevation	ft	2986.84	2985.35	2983.44	2981.69	2980.36	2980.11	2981.60	2986.33	2993.00	2990.06	2984.51	2983.21	
Net Change Content	kaf	-21.5	-23.0	-28.3	-25.2	-18.8	-3.4	20.9	69.8	113.5	-52.3	-88.8	-19.1	-76.2

# LAKE ELWELL



WATER YEAR 2010