Walker River Conveyance Agreement
Daily Accounting Calculations

Date	QYW$_{gaged?}$	RF$_{gaged?}$	STAN$_{gaged?}$	Q$_{yw}$	Q$_{ml}$	PWI$_{yw}$	PW$_{yw}$	NPW$_{yw}$	Q$_{wab}$	ID$_{stan}$	TR$_{26.25}$	DR$_{wab}$	DR$_{pg}$	LGF	PWI$_{wab}$	PW$_{lg}$	PW$_{wab}$	PW$_{diff}$	NPW$_{wab}$	Q$_{cc}$	Q*$_{cc}$	WEB$_{stage}$	L$_{wab-web}$	Q$_{webin}$	PW$_{webin}$	NPW$_{webin}$
				A: Yerington Weir to Wabuska																B: Wabuska Gage to Weber Reservoir						
6/6/2012	No	Yes	No	68.5	62.0	6.7	6.7	61.8	59.0	0.00	26.25	5.3	3.5	0.73	4.91	-1.79	4.91	0.00	54.09	66.0	66.0	4208.47	14.78	66.7	5.5	61.1
	cfs	Yes/No	Yes/No	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	cfs	unitless	cfs	cfs	cfs	cfs	cfs	cfs	cfs	ft	mi	cfs	cfs	cfs

Cumulative PW$_{lg}$: -7.2 cfs
(Negative number indicates net loss)

Variables List
All variables represent daily averages unless otherwise indicated.

QYW$_{gaged?}$	Indicates whether gage flow data are available at the Yerington Weir (Yes or No)
Q$_{yw}$	Flow at Yerington Weir Gage
Q$_{ml}$	Flow at Miller Lane Gage
PWI$_{yw}$	Program Water at Yerington Weir Gage as initially specified
PW$_{yw}$	Program Water at Yerington Weir Gage
NPW$_{yw}$	Non-Program Water at Yerington Weir Gage
STAN$_{gaged?}$	Indicates whether to used gaged Stanley Ranch irrigation diversions (Yes or No)
ID$_{stan}$	Stanley Ranch irrigation diversions
Q$_{wab}$	Flow at Wabuska Gage
TR$_{26.25}$	Tribe's decreed right
RF$_{gaged?}$	Indicates whether to use gaged return flows (Yes or No)
RF$_{dm?}$	Indicates de minimis ungaged return flows (Yes or No)
DR$_{wab}$	Gaged Wabuska Drain return flow
DR$_{pg}$	Gaged Perk/Joggles Slough return flow
LGF	Factor for gains and losses between Yerington Weir and Wabuska
PWI$_{wab}$	Program Water at Wabuska Gage, initial calculation
PW$_{lg}$	Program Water loss/gain between Yerington Weir and Wabuska
PW$_{wab}$	Program Water at Wabuska Gage, final calculation with losses/gains check and Tribe's decree water check
PW$_{diff}$	Difference between initial and adjusted PW$_{wab}$ (PW'$_{wab}$ – PW$_{wab}$)
NPW$_{wab}$	Non-Program Water at Wabuska Gage
Q$_{cc}$	Flow at Cow Camp Gage
Q*$_{cc}$	Corrected flow at Cow Camp Gage
WEB$_{stage}$	Weber Reservoir end of day stage
L$_{wab-web}$	River distance from Wabuska Gage to upstream edge of Weber Reservoir
Q$_{webin}$	Estimated Inflow to Weber Reservoir
PW$_{webin}$	Program Water inflow to Weber Reservoir
NPW$_{webin}$	Non-Program Water inflow to Weber Reservoir
WEB$_{t}$	Gaged Weber Reservoir end of day storage
WEB$_{t-1}$	Gaged Weber Reservoir end of previous day storage
PW$_{web t-1}$	Weber Reservoir end of previous day storage
Q$_{webout}$	Flow at new gage below Weber Reservoir
NR	Other water (flood control and reservoir maintenance) released from Weber Reservoir
PW$_{webout}$	Program Water outflow from Weber Reservoir (can include some or all of FC$_{webout}$)
IW	Tribal Irrigation Water outflow from Weber Reservoir
WEB$_{surf}$	Surface area of Weber Reservoir
Temp$_{web}$	Maximum temperature recorded at Weber Reservoir
Evap$_{total}$	Estimated evaporation from Weber Reservoir
P	Precipitation at Weber Resrvoir
LOSS	Caculated Weber Reservoir net loss, adjusted for precipitation (volumetric accounting)
PW$_{loss}$	Program Water net loss from Weber Reservoir
PW$_{web}$	Total end of day Program Water stored in Weber Reservoir
NPW$_{web}$	Total end of day Non-Program Water stored in Weber Reservoir
TPW$_{webout}$	Target Program Water outflow from Weber Reservoir
TIW	Target Program Tribal Irrigation Water outflow from Weber Reservoir
TNR	Target other water outflow from Weber Reservoir
Q$_{ld}$	Flow at Little Dam Gage
Q$_{canal 1}$	Flow at Canal 1 Gage
Q$_{canal 2}$	Flow at Canal 2 Gage
PW$_{ld}$	Program Water at Little Dam Gage

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