Forecasts:

Seasonal forecast is provided on the first of the month, the remainder of the month’s daily forecasts are calculated from subtracting out the previous days inflow

Reservoir Storage

1. Determine the amount of storage needed for a given inflow volume on one day

2. Determine April 1 flood control space (volume)

qmin= total volume forecast – April 1 flood control space + volume expected prior to April 1 / days

Change Storage

If S is > maxS

dS = maxS – S – inflow

qo = -dS

else qo= Qmin

Then the ramping rate gets imposed –(+/- 500 cfs / day) this is a problem bc it overrides the above – so I’ve updated that to determine the difference and distribute it across days