

# Estimated Drawdown Scenarios

			9-Month Drawdown (ft)			
Depth of Water Pumped (ft)			Outlet System Discharge Rate (cfs)			
LMKP	Groundwater	Combined	10	15	20	25
1	0	1	3.0	4.5	5.9	7.4
1	1	2	1.5	2.2	3.0	3.7
1	2	3	1.0	1.5	2.0	2.5

- Assumptions:
  - 9 month operation (permitting, weather, maintenance, etc.)
  - Precipitation & evaporation not included
  - Surface area and volume are constant at each elev.
    - Total lake area=2,095 acres
  - “Ratio”= Depth of water pumped to yield 1’ drop
    - Actual results dependent upon many factors, including groundwater inflow rates which have not been extensively studied.