











## TOTAL GW THAT COULD DISCHARGE AT START OF RECESSION, V<sub>to</sub>:

$$V_{tp}$$
 is evaluated  $\int_0^\infty V_{tp} = \frac{Q_o t_{\log}}{2.3}$ 

## TOTAL GW THAT COULD DISCHARGE AT END OF RECESSION, V<sub>R</sub>:

$$V_R$$
 is evaluated  $\int_{t@end}^{\infty} V_R = \frac{Q_o t_{\log}}{2.3 \left(10^{\frac{t}{t_{\log}}}\right)}$ 

1987, 1988, 1989, 1993

**Qo - 150 cfs** 

 $t_{log}$  = time for Q to drop 1 log cycle ~ 0.6 yr

 $t = time for recession \sim 0.7 yr$ 

Vtp ~ 1.2x10<sup>9</sup> ft<sup>3</sup>

 $V_R \sim 8.4 \times 10^7 \text{ ft}^3$ 

Vdischarged ~ 1.2x109 ft3 ~26,000 AF