

Note:

1. 55% of yearly evaporation will occur during the 4 month period of June thru September.
2. Annual Lake Evaporation may be taken from Missouri Supplement MO-2-25 to Engineering Field Handbook (EFH).
3. Interpolate below data to obtain drawdown for actual annual evaporation.
4. Drawdown is for four month period (June thru September) that occurs during a drought of record that accumulated from 1930 to 1990.
5. This is a very simple procedure. The only information needed is the ratio of effective drainage area to pool size and annual evaporation. The drawdown shown represents a 60 year period and is assumed to be equivalent to the 50 year drought. The 1.05 factor shown on page 3a represents the reduction in surface area as water level drops. For total drawdown complete page 3a.
6. If upstream ponds or lakes control more than 10% of total drainage area the controlled drainage area should be deducted from the total drainage area.

