d) Mekong

$$S_p = \frac{0.15 \times 1460}{2} = 109.5 \text{ mm/yr}^{+1}$$

$$S_Q = \frac{0.05 \times 627.87}{2} = 15.7 \text{ mm/yr}$$

$$S_{ET} = \sqrt{(109.5)^2 + (15.7)^2} = 110.62 \text{ mm yr}^{-1}$$

$$M_{ET} = \frac{2 \times 110.62}{832.13} = 0.27$$

$$P\{607.95 \text{ mm y}^{n-1} \leq M_{Eq} \leq 1056.81 \text{ mm yr}^{n}\} = 0.95$$