$= \frac{386}{2037.0} \times 31536 = 597.59 \text{ mm/yr}$

$M_{ET} = M_p - M_q = 1100 - 597.59 = \underline{502.41 \text{ mm/yr}}$

$\%\ \text{error} = \left(\frac{(0.1 \times 1100) + (0.05 \times 597.59)}{502.41}\right) \cdot 100 = 27.64\%$

b) Yukon

$A = 932400 \text{ km}^2$, $P_{Avg} = 570 \text{ mm/yr}$, $\varepsilon_p = 20\%$, $q_{Avg} = 5100 \text{ m}^3/\text{s}$, $\varepsilon_q = 10\%$

$M_q = \frac{5100 \text{ m}^3/\text{s}}{932400 \text{ km}^2} = \frac{5100}{932400} \times 31536 = 172.49 \text{ mm/yr}$

$M_{ET} = 570 - 172.49 = \underline{397.51 \text{ mm/yr}}$

$\%\ \text{error} = \left(\frac{0.2 \times 570 + 0.1 \times 172.49}{397.51}\right) \cdot 100 = 33.02\%$