

Maximum precipitation

The maximum precipitation observed world-wide is bound upwards by an envelope curve like:

$$R = 425 * D^{0.47}$$

where

R = maximum recorded rainfall depth in [mm]

D = duration of rainfall in [hours]

Example:

$$R(3) = 425 * 3^{0.47} = 712 \text{ mm}$$

From:

<https://www.hydro-wiki.de/> -

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