



10. In 1954, a total of 6 527 mm of rain fell at Sprinkling Tarn and this set a UK record for annual rainfall. The tarn has a surface area of 23 450 m². Roughly how many million litres of water fell on Sprinkling Tarn in 1954?
- A 15 B 150 C 1 500 D 15 000 E 150 000

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10. **B** The volume of water which fell at Sprinkling Tarn in 1954 is approximately equal to $(25\,000 \times 6) \text{ m}^3$, that is $150\,000 \text{ m}^3$. Now $1 \text{ m}^3 = 10^6 \text{ cm}^3 = 10^6 \text{ ml} = 1000 \text{ litres}$. So approximately 150 million litres of water fell on Sprinkling Tarn in 1954.