

Margin of error in meter

Years	1936	1974	1988	1999	2016
RMS error	< 0.5				
Pixel error	1.8	1.62		1.42	1.21
Total error	2.3	2.12		1.92	1.71
Annual error (m year <sup>-1</sup> ) EPR: E	0.2				
Annual error (m year <sup>-1</sup> ) LRR: U	0.12				
Equation (1)	$E_{sp} = \sqrt{E_g^2 + E_d^2 + E_t^2 + E_p^2}$				
Equation (2)	$E_a = \frac{\sqrt{E_{sp1}^2 + E_{sp2}^2}}{\text{time}}$				
Equation (3)	$U = \frac{\sqrt{\sum_{i=1}^n C_i^1}}{n} + \frac{\sum_{i=1}^n B_i}{n}$				