Asian Tsunami – **10th anniversary**

On December 26, 2004, a 9.2-magnitude earthquake off the coast of northern Sumatra. Indonesia, unleashed a tsunami across the Indian Ocean that killed more than 230,000 people in fourteen countries and left some 1.7 million homeless

CASUALTIES	Deaths*	Displaced
1. Indonesia	167,736	500,000+
2. Sri Lanka	35,322	516,150
3. India	18,045	647,599
4. Thailand	8,212	7,000
5. Somalia	289	5,000
6. Myanmar	500	3,200
7. Maldives	108	15,000+
8. Malaysia	75	n/a
9. Tanzania	13	200
10. Seychelles	3	n/a
11. Bangladesh	2	n/a
12. South Africa	2	n/a

1

> 200

~230.000

n/a 1.000

~1,690,000

TSUNAMI WARNING SYSTEM Prompted by 2004 disaster. was put in place in Indian Ocean in 2006 Pressure sensors on ocean floor detect anomalous behaviour in water

Estimated cost: \$7.5 billion

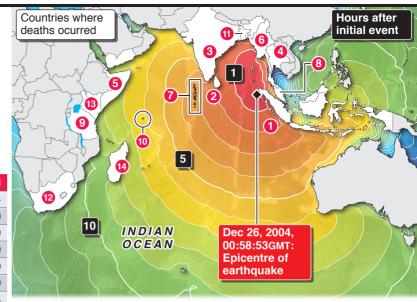
column and send information to surface buovs. which then relay data, via satellite, to

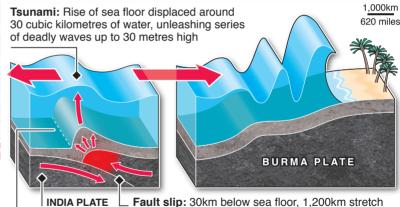
onshore control centres

13. Kenya

14. Madagascar

Total





Sunda Trench

Magnitude: 9.2M megathrust earthquake was third largest on record

*Deaths include missing

Burma Plate, raising sea floor by several metres Earthquake lasted up to 10 minutes –

- longest duration of faulting ever observed
- Believed to have shortened Earth's days by 6.8 microseconds and shifted its axis by about 7cm

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of India Plate was thrust up to 20 metres beneath

Released energy equivalent to 23.000 Hiroshima bombs

Sources: USGS, NASA, A Flying start, Then a Slow Slip by Roger Bilham