



Elmar Mock





The cruising altitude of a normal commercial jet airplane today is around 35,000 feet (11,000 meters).

Altitude of 29,035 feet (8850 meters) making it the highest mountain on earth.

Mt. EVEREST NORTH FACE

NEPAL

THE WORLD'S PEAKS

Everest: 29,035 ft. (8850m) found to be 6" higher in 1999 Mt. Everest rises a few millimeters each year due to geological forces
 Che-Oyic: 26,908 ft. (8201 m) 6th highest

8000 m above sea level
Death Zone
 30% as much available oxygen at sea level.
 There are only 14 peaks with summits above death zone. Heart pounds even at rest. Hallucinations are common. Supplemental oxygen is required except for the most elite climbers.

- Muztag Ata, Pakistan/ China: 24,737 ft. (7546m)
- Aconcagua: 22,841 ft. (6962m) - South America's highest
- Imja Tsa (Island Peak), Nepal: 20,210 ft. (6160m)
- Kilimanjaro: 19,540 ft. (5955m) - Africa's highest

5400 m above sea level
50% Available Oxygen.
 No permanent human settlements above this altitude anywhere in the planet.

APC: 9,689 ft. (2954m) - Philippine's highest

2000 m above sea level
75% Available Oxygen.
 This is the starting point of high-altitude.



● East Rongbuk Glacier

TIBET





NASA/DOD **Technology** Readiness Level

