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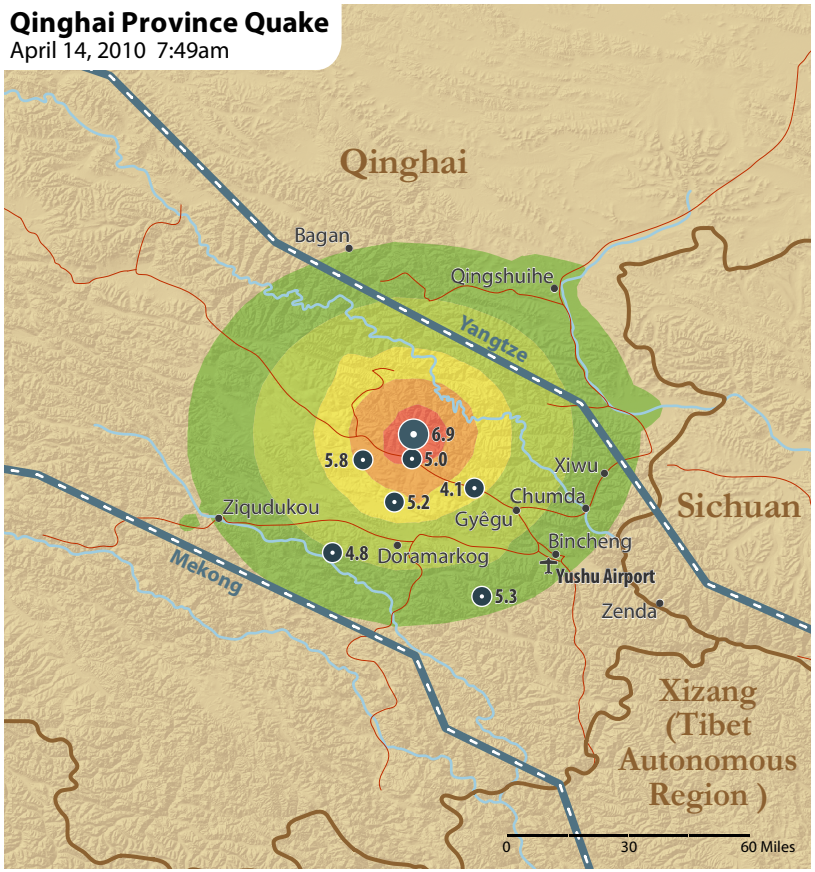
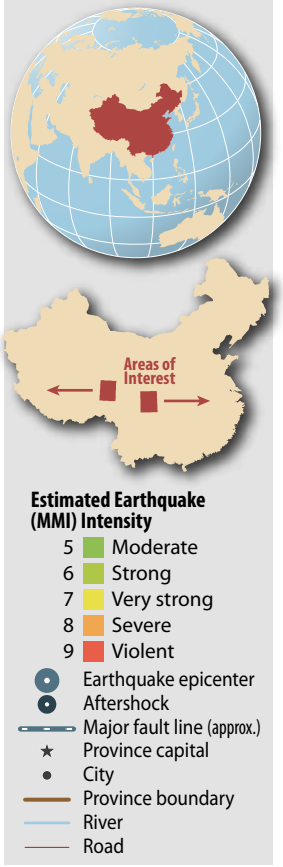
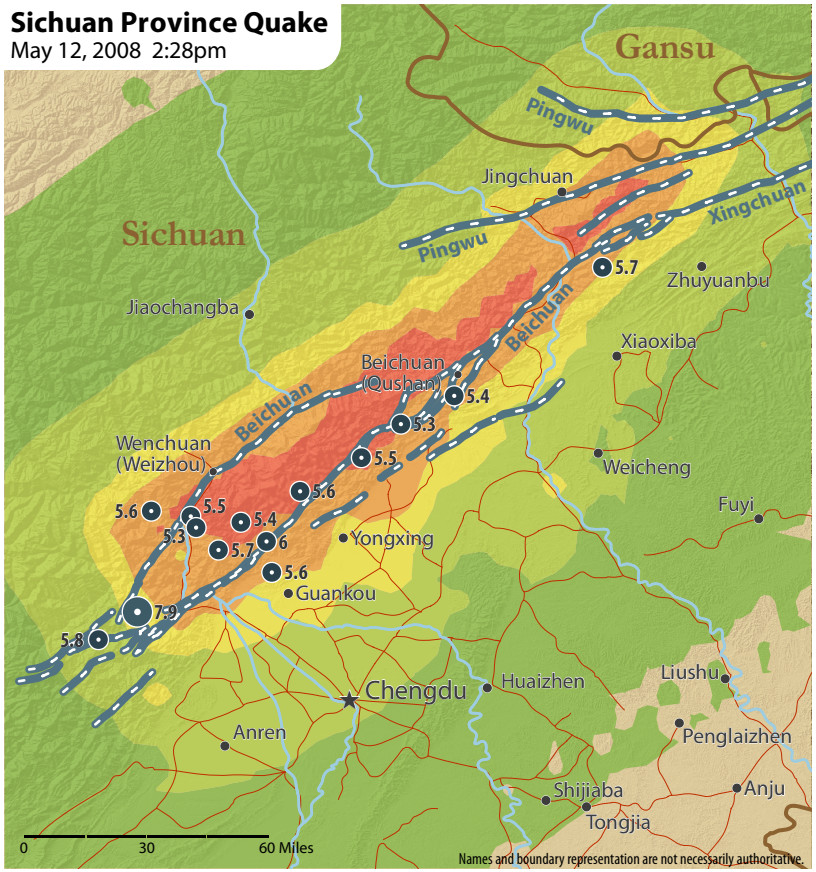
HUMANITARIAN INFORMATION UNIT
U.S. Department of State
hiu_info@state.gov
http://hiu.state.gov

Qinghai and Sichuan, China: Earthquake Comparison - April 19, 2010







Qinghai Province		Sichuan Province
6.9 Richter Scale / 33N, 96E	**Magnitude & Epicenter**	7.9 Richter scale / 31N, 103E
Nightly Lows Below Freezing / 12,000 to 15,000 ft.	**Tempature & Elevation**	Above Freezing / 4,000 to 10,000ft.
Number Killed: >1,940	**Impact (Official Estimates to Date)**	Number Killed: 68,858
Number Injured: ≈12,315		Number Missing: 18,618
Number Missing: >215		People Exposed to Shaking (Moderate to Extreme): ≈122.4 million
People Exposed to Shaking (Moderate to Extreme): ≈303,100		Economic Losses: ≈US$85 billion
Gyêgu (Jiegu, Yushu) (pop. 100,000)	**Most Affected Areas**	Wenchuan (pop. 106,000- 2005); Beichuan (pop. 160,000 - 2006)
Low-income / Agriculture, Trade	**Income & Livelihoods**	Middle-income / Industry, Business
Quake hit before most schools opened; at least 103 students and 12 teachers reported dead	**Effect on School Children**	Quake hit during school; over 5,000 children died in collapsed schools

Sources: USG, CRED-EMDAT, USGS, Xinhua, Yushu Prefecture Govt, The New York Times, BBC, China Daily, UNICEF