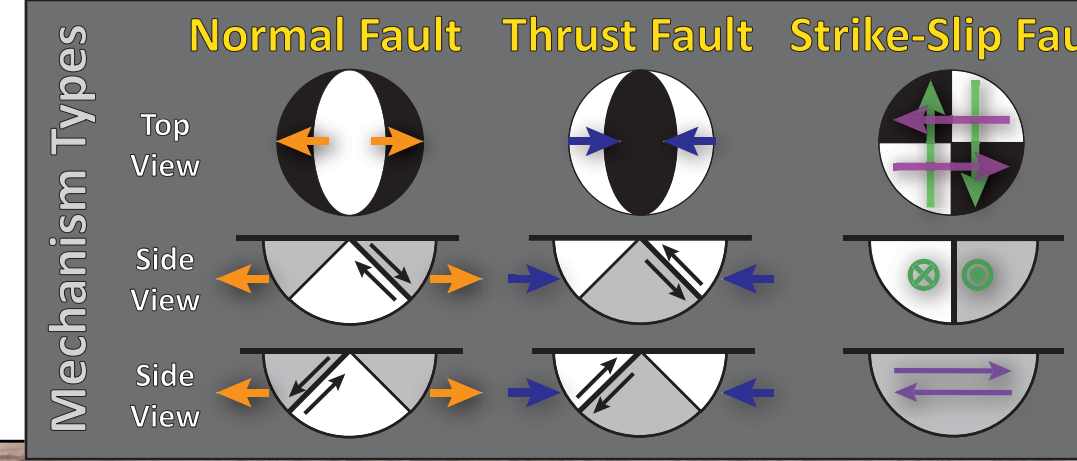
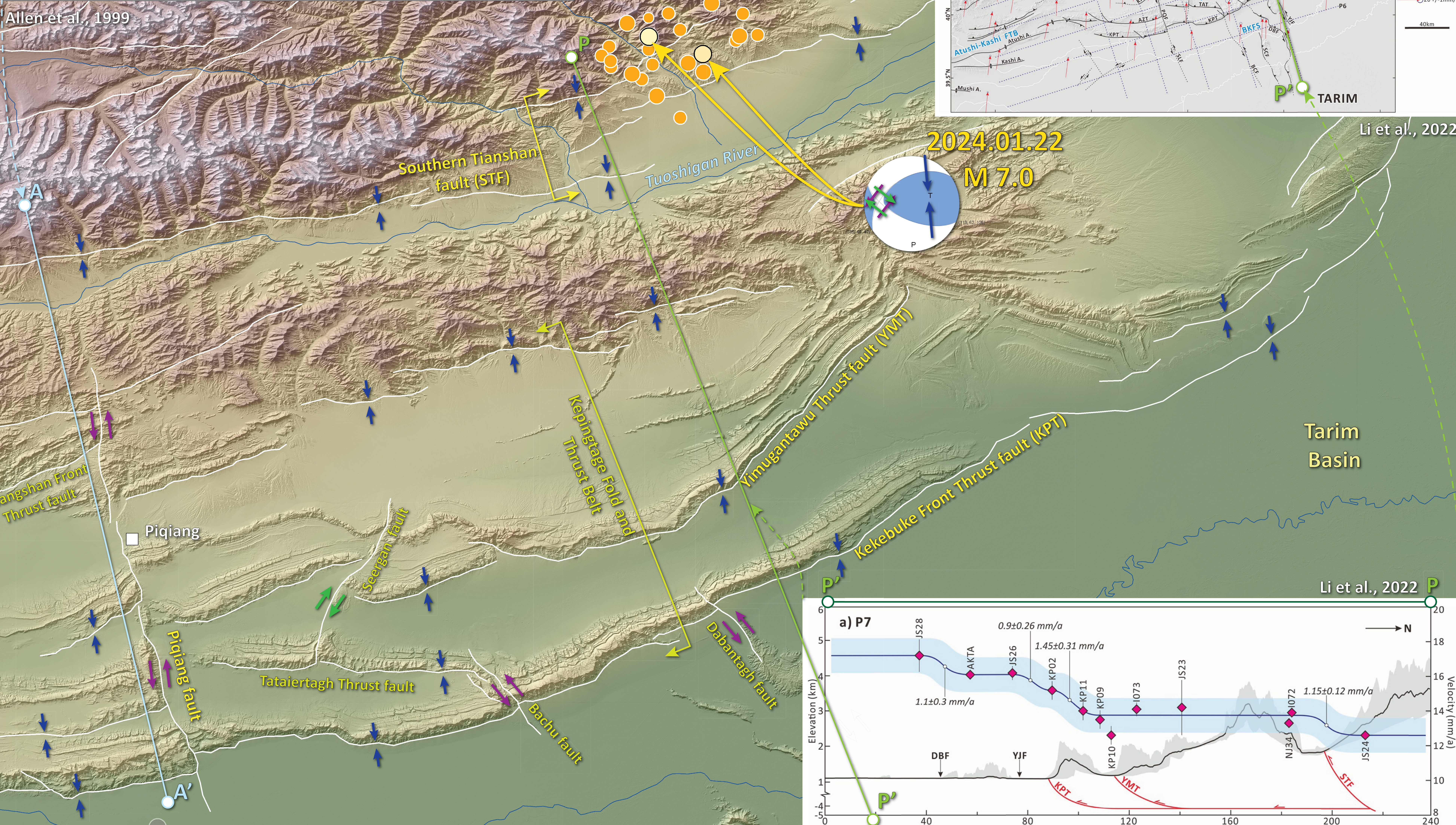
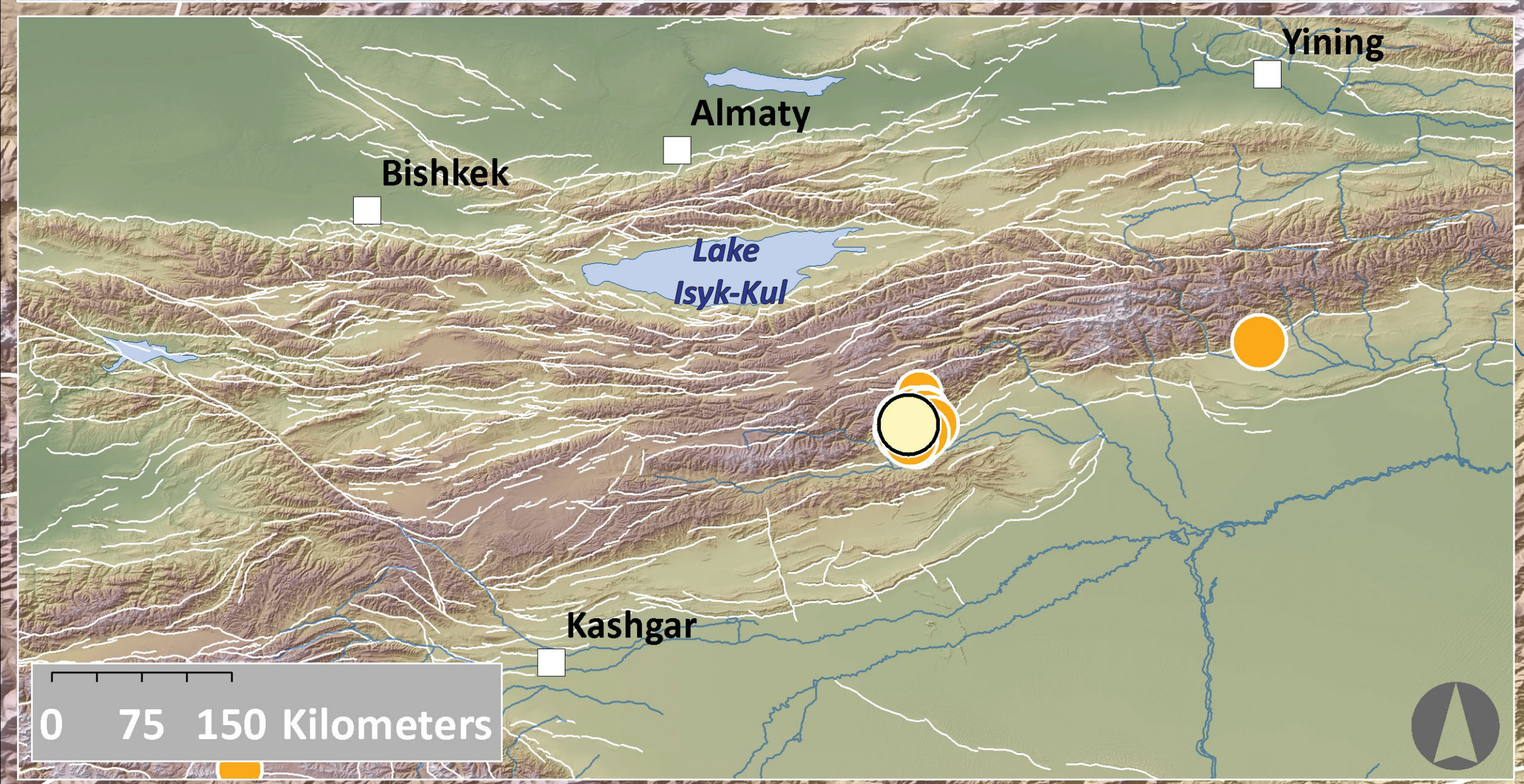
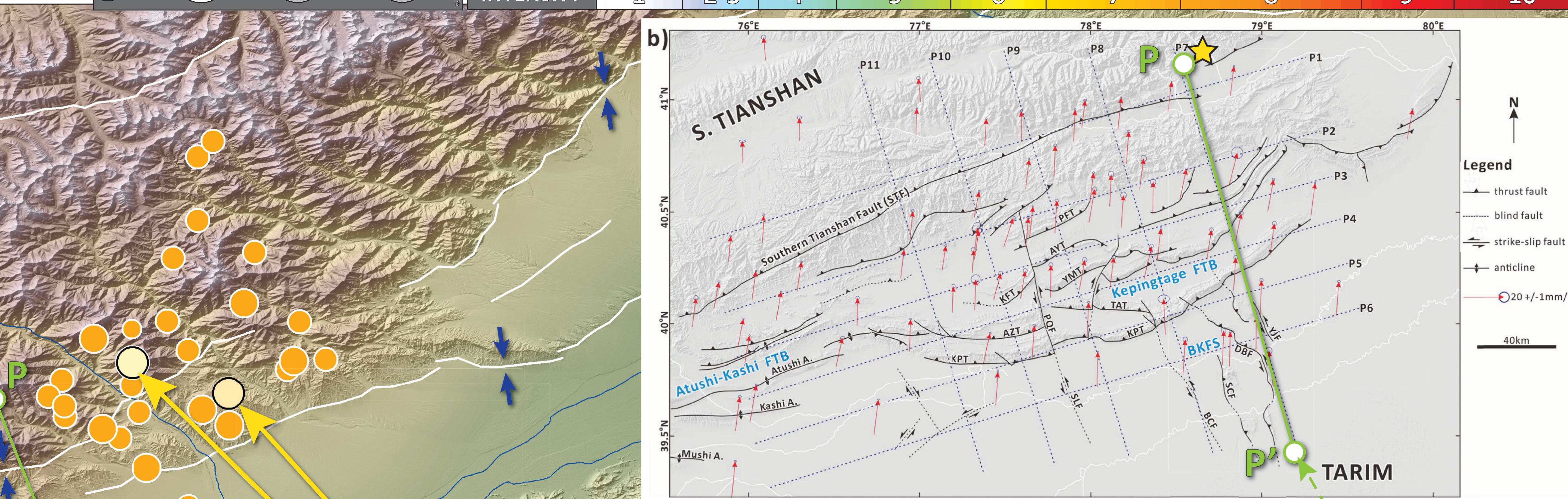
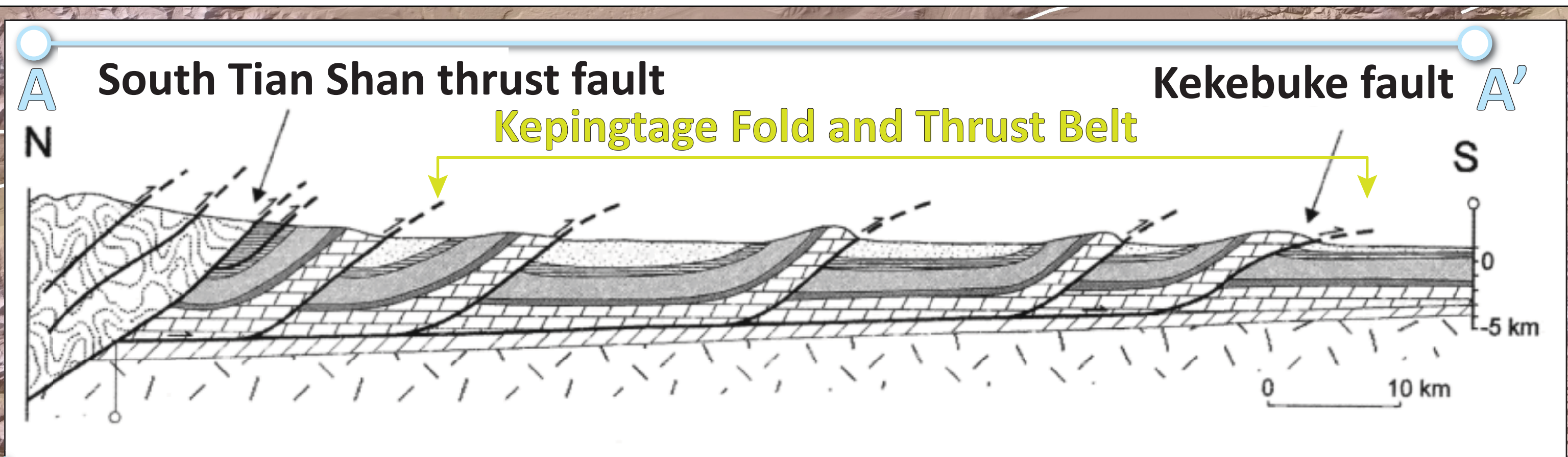
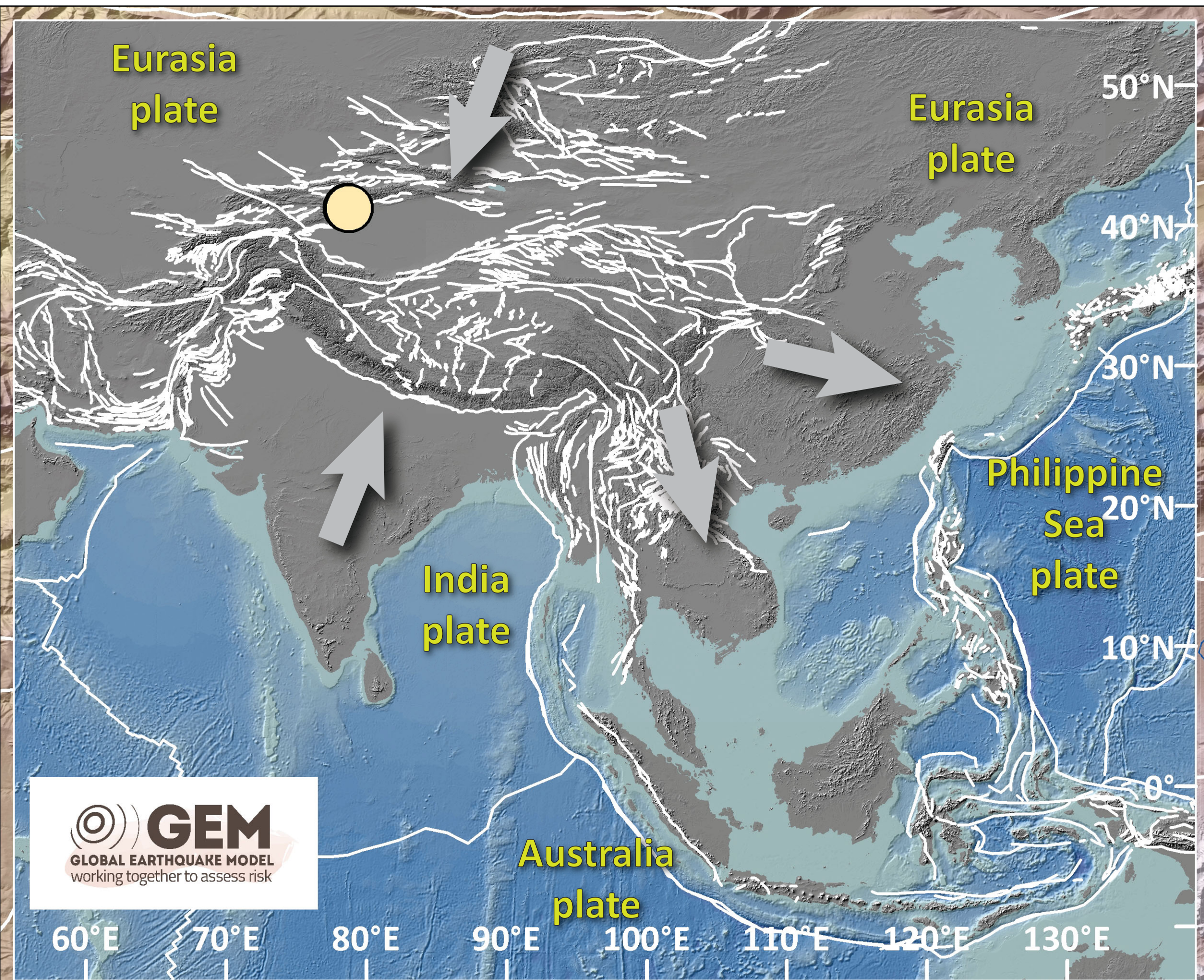


Earthquake Report: 2023.01.22

M 7.0 China (& USGS Seismicity 1923-2023 M ≥ 7.0)



SHAKING	Not Felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
DAMAGE	Note	None	None	Very Light	Light	Moderate	Moderate/Heavy	Heavy	Very Heavy
PGA (%g)	<0.05	0.3	2.76	6.2	11.5	21.5	40.1	74.7	>139
PGV (cm/s)	<0.02	0.13	1.41	4.65	9.64	20	41.4	85.8	>178
INTENSITY	1	2-3	4	5	6	7	8	9	10



● 22 Jan '24 M 7.0 (EMSC) Seismicity (USGS - 100 yrs)
● 22 Jan '24 M 7.0 (USGS) magnitude
 Seismicity (USGS - 1 month) magnitude
 0.0 - 1.0
● 1.1 - 2.0
● 2.1 - 3.0
● 3.1 - 4.0
● 4.1 - 5.0
● 5.1 - 6.0
● 6.1 - 7.5

Elevation
 High
 Low

○ 7.0 - 7.5
○ 7.6 - 8.0
○ 8.1 - 8.5
○ 8.6 - 9.1

■ Lake (Natural Earth)
— River (China)
■ Populated Place
— Fault (AFEAD)

Topography: Ryan et al., 2009
 doi:10.1029/2008GC002332
 2024 (Japan Aerospace Exploration Agency, JAXA)
 Jason R. Patton
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■ USGS
 science for a changing world

