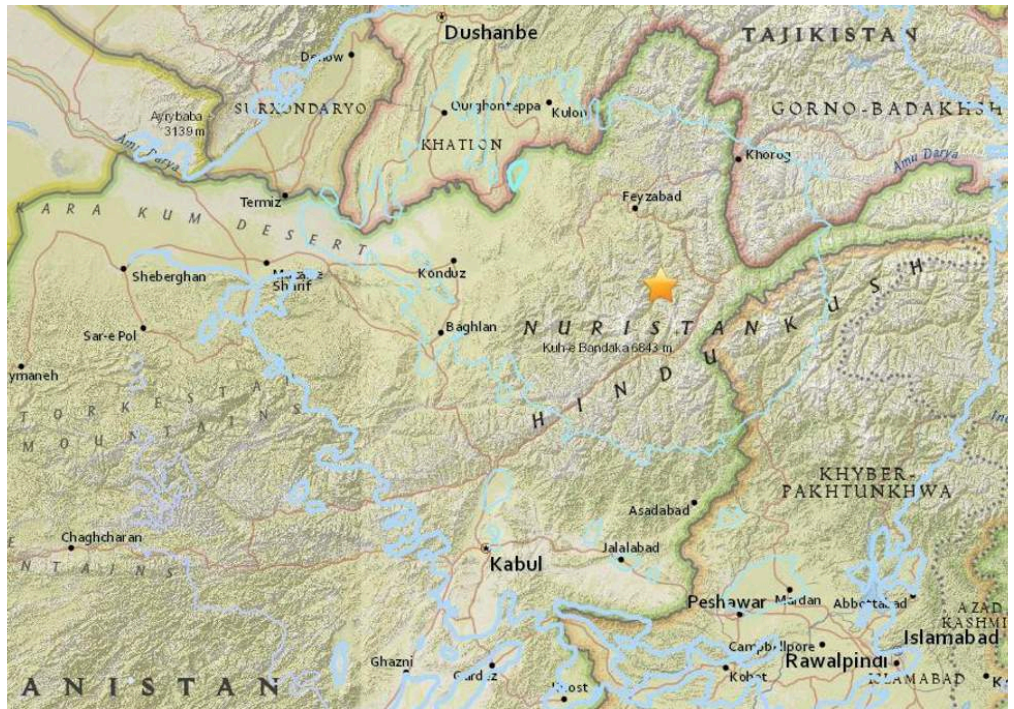


INSIDE THIS ISSUE

SPECIAL EARTHQUAKE BULLETIN



PG. 2

PGA

PG. 3

MMI

PG. 4

Effected Population

PG. 5

Waveform

Earthquake strikes the region

TWO SEISMIC EVENTS REGISTERED WITHIN A MONTH

An earthquake struck the region on 2nd February, 2019, at 12:04:34 (UTC). It had its epicenter at 42 km SSW of Jarm, Hindu Kush Region, Afghanistan (36.494°N 70.695°E). Affected countries include Pakistan, Tajikistan, Uzbekistan, and Afghanistan.

Rated at M 5.6, the event had a focal depth of 211.1 km.

PGA

The isobars of PGA of the earthquake, at various surrounding geographical locations, has been shown in the following map:



Effected Population

Following is a non-exhaustive list of the population and estimated intensity of selected effected cities:

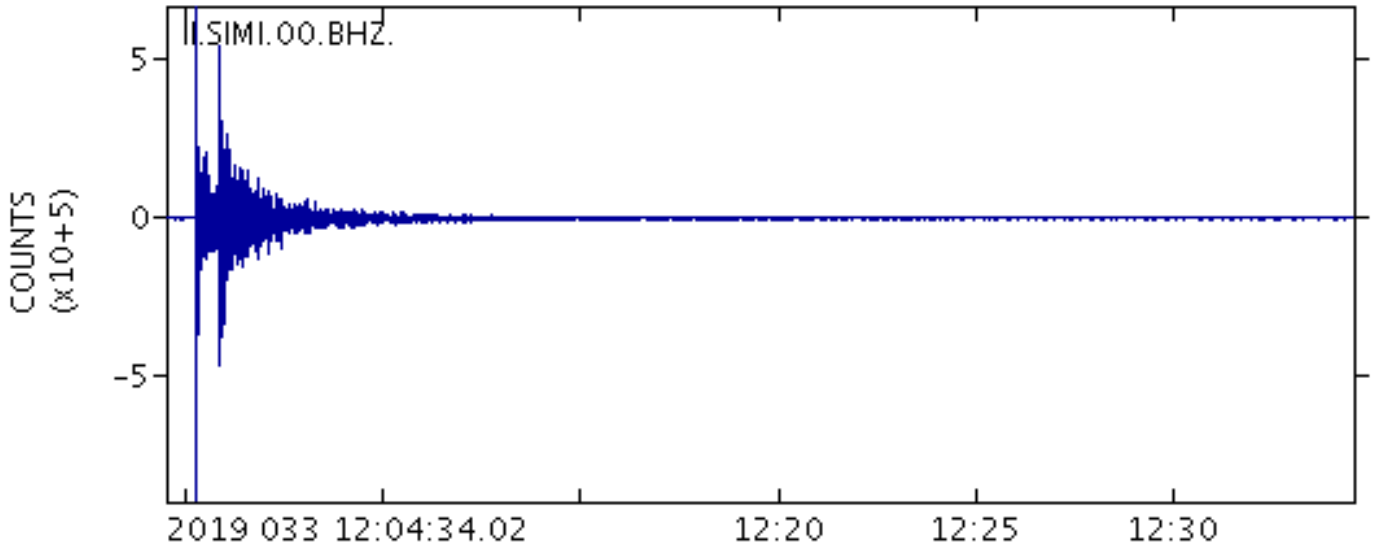
Selected Cities Exposed

MMI	City	Population
III	Darqad	0 k
III	Taloqan	64 k
III	Dasht-e Qal` ah	0 k
III	Dasht-e Archi	8 k
III	Yangi Qal` ah	7 k
III	Imam Sahib	10 k
III	Kabul	3,044 k
III	Islamabad	602 k
III	Peshawar	1,219 k
III	Dushanbe	679 k
II	Muzaffarabad	725 k

Waveform

The waveform of the event, as recorded by seismographic network station at Simiganj, Tajikistan (38.6585° N x 69.0083° E), has been produced below:

II_SIMI_00_BHZ, 72000 samples, 40.0 sps, 2019-02-02T12:04:34.019



Recent History

The event was preceded by an M 4.5 earthquake that occurred on 4th January, 2019, 10:11:20 (UTC), with the epicenter located at 25km N of Chitral, Pakistan (36.073°N 71.771°E). This event had a focal depth of 113.4 km.



P: +92 42 3521 8356 &
+92 42 3521 3357
F: +92 42 3521 8356

Email: info@psce.org.pk
URL: www.psce.org.pk

38 Block 1, Sector B-1
Township
Lahore 54700, Pakistan