

## September 3, 2017, North Korea Explosion 03:30:01 UTC / 12:00:01 at epicenter **University of Kentucky Kentucky Seismic and Strong Motion Network**





College of Arts and Sciences

< 70

> 300

70 - 300

Department of Earth and Environmental Sciences



**USGS Shake Map** usas.gov/earthquakes/eventpage/us2000aert



2017 9 3 0330 1.1 DE 41.443 129.036 0.0FFUS 28 1.3

**115 years of earthquake activity - colored** by depth - showing that no natural seismic events with magnitude 4.5 or greater have been recorded in the vicinty of the explosion.

## **KSSMN Seismograms**

(~10,500 km away)

	Plot start time: 2017 9 3 3	:42 58.995	Filt: 0.500 3.000 4 1
EKY	0		
OKY	0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
KY	0		$\cdots \cdots $
KY			$\dots$
KY			$\sim$
SO	0		$\sim$
<b>(Y</b>	0	<u>A</u>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
(Y	0	~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Y	0		$M \sim M \sim$
KY	0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
IKY	0	$\sim$	M M M M M M M M M M M M M M M M M M M

