Mw9 Tohoku, Japan Earthquake and Tsunami, 11 March 2011, 05:46 UTC

Mainshock location, magnitude and tsunami potential determinations in real-time at INGV

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Selected realtime screenshots in the first 20 min after the earthquake origin from the INGV Earthquake Monitor are shown in the following slides.

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References:


Honshu, Japan 2011.03.11 - INGV Realtime Monitor
OT+3min: first located: mB=8.0 Mwp=8.0
Honshu, Japan 2011.03.11 - INGV Realtime Monitor
OT+5min: mB=8.0 Mwp=8.5
Honshu, Japan 2011.03.11 - INGV Realtime Monitor
OT+8min: mB=7.8 Mwp=8.5 TsunamiWL=36RED
Honshu, Japan 2011.03.11 - INGV Realtime Monitor
OT+12min: mB=7.8 Mwp=8.2 TsunamiWL=39RED Mwpd=8.5
Honshu, Japan 2011.03.11 - INGV Realtime Monitor
OT+15min: mB=7.7 Mwp=8.4 TsunamiWL=33RED Mwpd=8.8
Honshu, Japan 2011.03.11 - INGV Realtime Monitor
OT+20min: mB=7.7 Mwp=8.4 TsunamiWL=37RED Mwpd=8.8