

Martin, Robert

From: Miranda, Samuel *MS*
Sent: Tuesday, August 23, 2011 2:20 PM
To: Mary Sue Miranda (mmiranda@pfpa.mil); Martin, Robert; Caddick, Meg E
Subject: USGS Earthquake News (yes, the one that just happened)

Magnitude 5.8 - VIRGINIA

2011 August 23 17:51:03 UTC

- [Details](#)
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- [Tsunami](#)

Earthquake Details

- This event has been reviewed by a seismologist.

Magnitude **5.8** (Preliminary magnitude — update expected within 15 minutes)

- **Tuesday, August 23, 2011 at 17:51:03 UTC**

Date-Time • Tuesday, August 23, 2011 at 01:51:03 PM at epicenter

Location 37.875°N, 77.908°W

Depth 6 km (3.7 miles) set by location program

Region VIRGINIA

- 15 km (9 miles) S (179°) from **Mineral, VA**
- 18 km (12 miles) SSE (154°) from **Louisa, VA**
- 26 km (16 miles) ENE (58°) from **Columbia, VA**

Distances • 37 km (23 miles) E (97°) from **Lake Monticello, VA**

- 54 km (34 miles) NW (314°) from **Richmond, VA**
- 139 km (87 miles) SW (214°) from **Washington, DC**

Location Uncertainty Error estimate not available

Parameters NST= 17, Nph= 17, Dmin=59.5 km, Rmss=0.33 sec, Gp=173°,
M-type="moment" magnitude from initial P wave (tsuboi method) (Mi/Mwp), Version=1

Source • West Coast and Alaska Tsunami Warning Center/NOAA/NWS

Event ID at00lqe6x3