

Data Analysis of RAN network records - May 20th event

Data analysis of RAN network records are shown for the May 20th event. Particularly, 6 stations closer to the epicenter (MRN, MDN, NVL, ISD, CPP, ZPP) have been considered. To easily visualize them, the following map could be helpful <http://www.eqclearinghouse.org/2012-05-20-italy-it/2012/05/23/shakemap/>.

For each of the three components - South-North (SN, blue), Est-West (EW, black) and vertical (UP, red) - data analysis present time histories (left) and relative acceleration response spectrum (S_a), velocity response spectrum (S_v) and displacement response spectrum (S_d). For each considered station, a comparison between acceleration, velocity and displacement response spectra is presented, according to the three recorded components (SN, EW e UP).























