

## Observation by OBS off Omaezaki

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To investigate the seismicity and structure of Philippine Sea slab around the estimated source region of the Tokai Earthquake, we have repeatedly observed by ocean bottom seismograph (OBS) around off Tokai since 1999. In 2001, we deployed seven OBSs off Omaezaki about one month. Using the data of OBSs and surrounding regular stations, some hypocenters around Zenisu ridge and few hypocenters off Omaezaki were determined. Almost these earthquakes are magnitude 1 level, and could not be detected by routine of JMA. On the other hand, for the earthquakes detected by JMA, the hypocenters by OBS data tend to be shallow as compared with JMA. In time of presentation, we will show the character of each earthquake observed by OBS, and will compare with the past seismicity.