

GPS/MET Japan Campaign in Nagasaki 1998

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The special observation GPS/MET JAPAN Campaign was held in Nagasaki-Shimabara Peninsula area during the Baiu of 1998. Thirty-seven GPS receivers (including routine observation site), three X-Band radar systems (including one Doppler radar) and two upper air sounding systems were used to clarify the temporal and spatial variation of PWV associated rainfall system.

Also to assess the ability of GPS in estimating the vertical difference of PWV among sites of different heights, a GPS vertical array was set up along the southwestern part of Mt. Unzen. Height differences of each site are 100m to 200m, and the elevation of the highest site is 1295m.