Observations at Syowa Station corresponding to TOPs in winter SOP of YOPP-SH Naohiko Hirasawa National Institute of Polar Research

At Syowa Station, in addition to additional observations of radiosonde, precipitation observations using X-band precipitation radar, ceilometer, MPL, and disdrometer are being carried out. In this presentation, we will give a preliminary report on the status of radiosonde observations and precipitation observations during the TOPs period so far.