The drop size distribution (DSD) can be measured by various distrometers such as 2DVD, PARSIVEL, and POSS. These distrometers were installed in Pyeongchang area for ICE-POP 2018 project. However, measured DSDs from different instrument are inconsistent due to discrepancy of observational principle. The following moments may have different values, therefore, DSDs should be corrected for all distrometers. To correct DSD, 19 distrometers were installed at the same site during the summer of 2017. DSDs were collected more than 2,000 minutes for intercomparison with 2DVD as a reference. We uses bias of N0' and Dm' as correction factors to correct DSD. The moments from corrected DSD are relatively closer to those of 2DVD than uncorrected DSD. The correction factor values obtained in this study can be used to correct the distrometer data observed during ICE-POP 2018 project.

**Key words:** Drop size distribution, DSD correction, ICE-POP 2018

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