

Study about accuracy assessment of radar rain gauge

[Point]

Radar rainfall observation that covers the nation has been conducted by Ministry of Land and Meteorological Agency, and precipitation information and prediction information have been provided. However, the usage of such information has been qualitative because accuracy of radar rainfall that is used for flood forecast as well as dam management has not been sufficiently assessed. In this study, accuracy assessment technique of radar rainfall for each usage purpose was suggested, and accuracy assessment of radar rainfall data that has currently been provided was attempted by using the actual rainfall. Similarly, accuracy of rainfall prediction information that has currently been provided was verified.

Keywords: radar rain gauge, observation accuracy, areal rainfall, ground rain gauge