

## **Rainfall Observation with Highly Temporal and Spatial Density in the Northeastern Region of Indian Subcontinent**

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In summer monsoon season, heavy rainfall was recorded in the northeastern region of the India subcontinent, Bangladesh, and Meghalaya and Assam in India. This heavy rainfall is one of prior causes of severe flood in Bangladesh. Conventional observation system in Bangladesh and Indian Meteorological Department has not sufficient resolution of temporal and spatial density. In the new project of measuring this heavy rainfall, we installed sixteen rain gauges in Bangladesh, five in Meghalaya and fifteen in Assam. In this presentation, we introduce the preliminary results of the features of the rainfall in this region in the summer monsoon.