

Video S1. Visual representation of dynamic 1–2 December 2015 rainfall patterns through an informative GIF. Source: <https://earthobservatory.nasa.gov/images/87131/historic-rainfall-floods-southeast-india> (accessed on: 1 April 2024).

Video S2. Sea surface temperature and anomalies from September to December 2023. Source: Climate Prediction Center-Monitoring and Data-Global Tropical Sea Surface Temperature Animation ([noaa.gov](https://www.noaa.gov)).