

### Observed & Day-1 Forecast Percentiles: JJAS (2007–18)

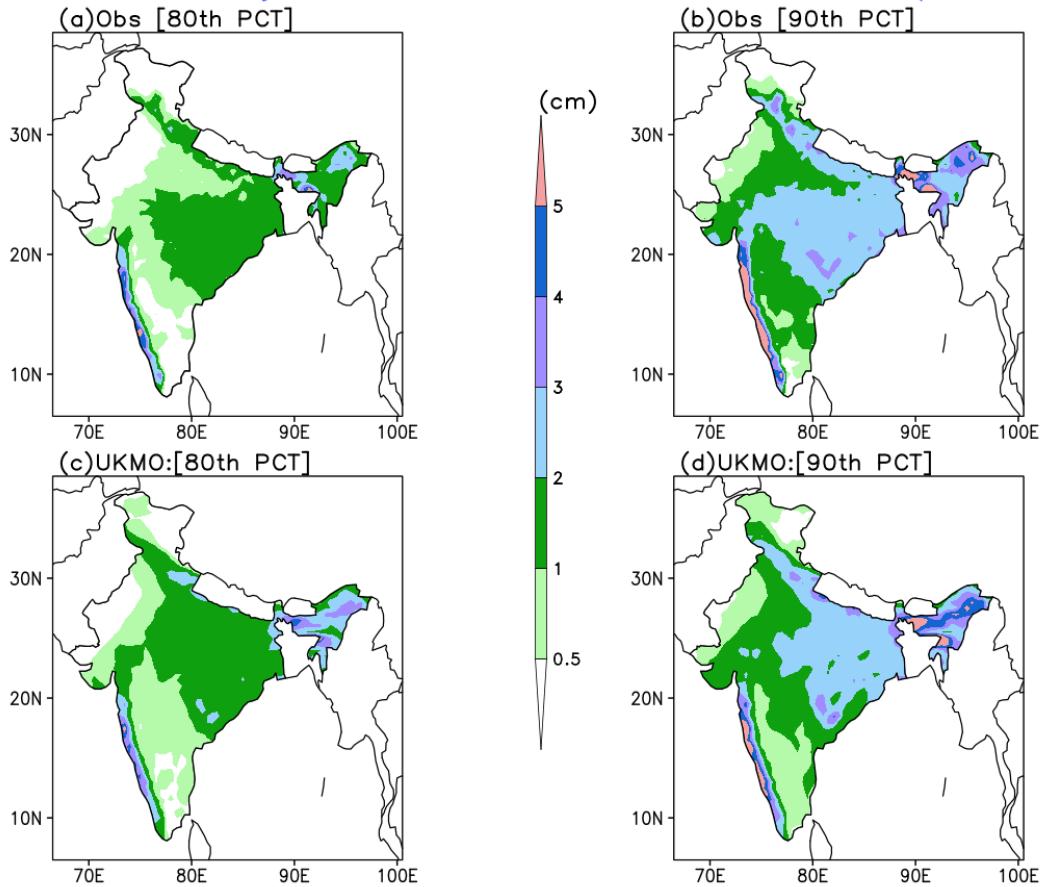


Figure S1 Observed 80 and 90th percentiles (a and c) and 80th and 90th percentiles of Day-1 rainfall forecast (b and d) during JJAS 2007-18 (cm)

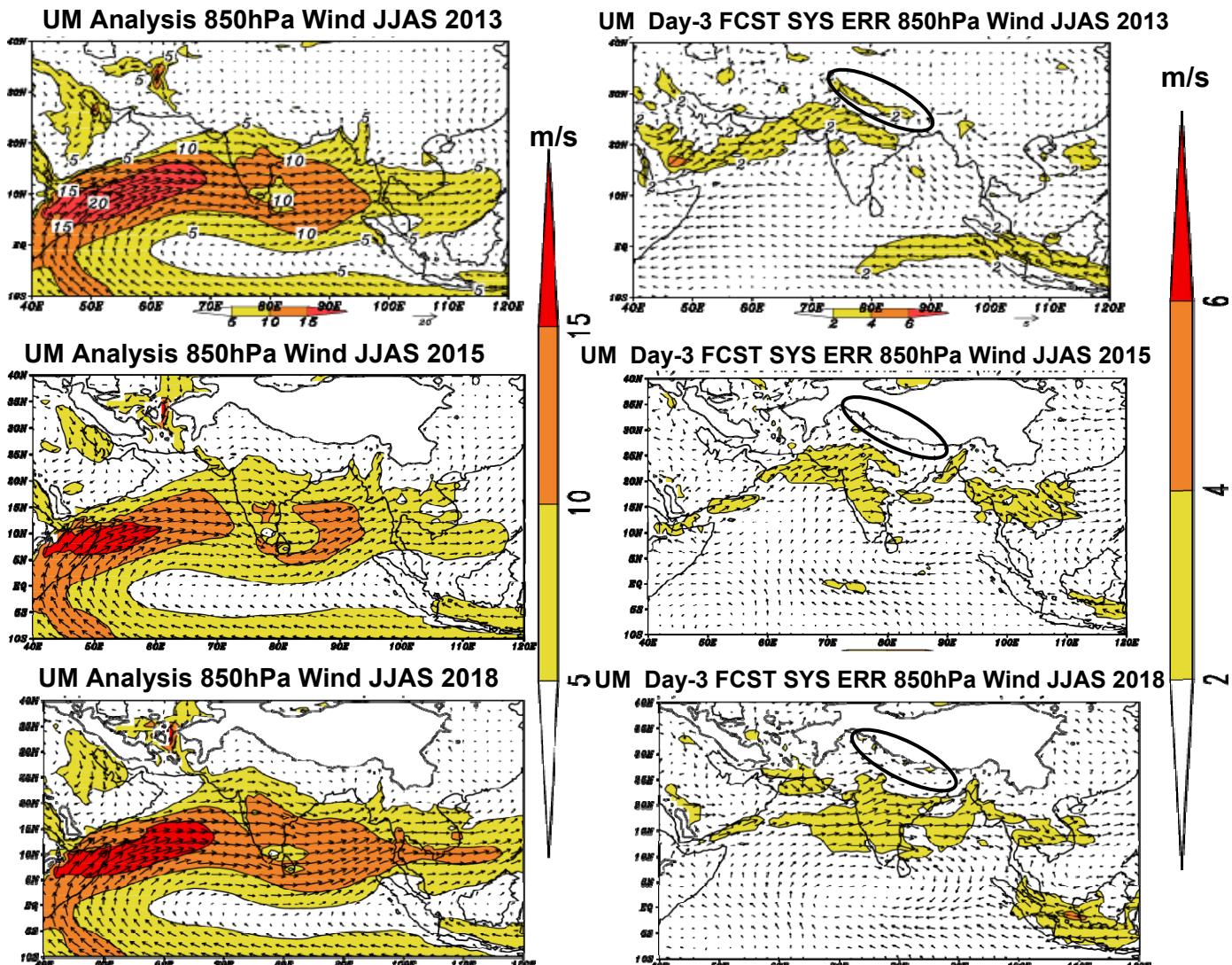


Figure S2 . UM analysis of wind at 850hPa (left panel) and Systematic Error (right panel) in m/s over India during JJAS 2013, 2015 and 2018.