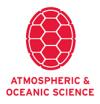




Laboratory for Experimental Hydroclimate Prediction



University of Maryland's Experimental Monsoon Forecast 2018 June-September <u>Monthly</u> Rainfall Anomaly (GPCC-based forecast; **FINAL** (ver. 1c); unit: mm/day; issued 6 June 2018)

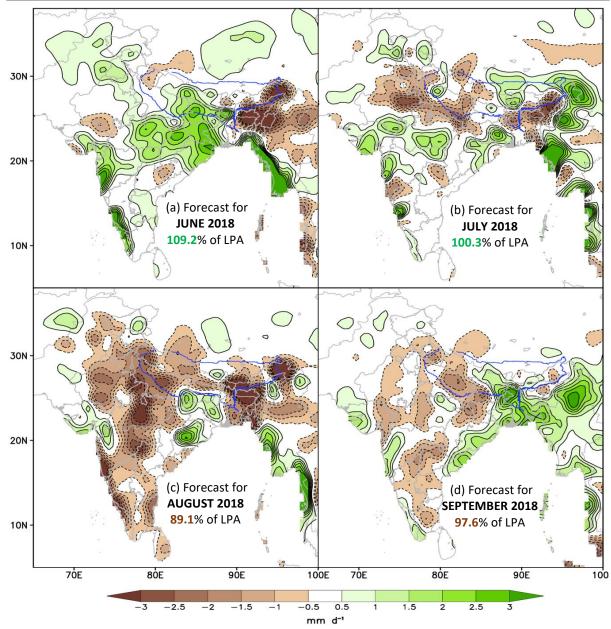


Figure 2: SST-based experimental forecast of June through September MONTHLY rainfall anomalies (departures from normal), with respect to the 1951-2000 climatology. The forecast is generated from the SST regressions of the GPCCv7 rainfall data. Solid (green) contours represent above-average rainfall while dashed (brown) ones denote below-average rainfall. The contour interval and shading threshold is 0.5 mm/day. The Final (ver. 1c) forecast for the summer monsoon rainfall is based on antecedent SST anomalies (including May 2018's).

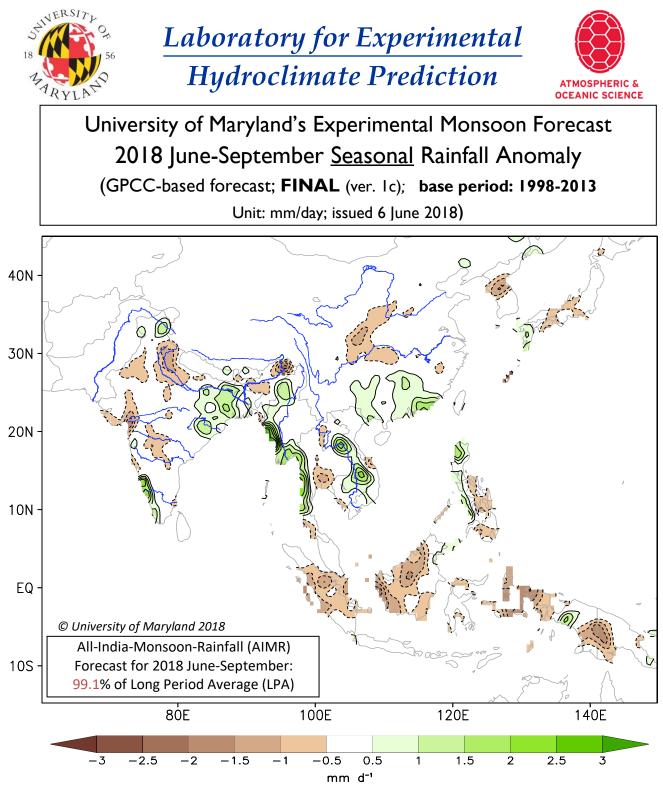


Figure 3: SST-based experimental forecast of the 2018 Summer Monsoon (June-September) rainfall anomalies (departures from normal), with respect to the 1998-2013 climatology. The forecast is generated from the SST regressions of the GPCCv7 (Global Precipitation Climatology Center; Schneider et al. 2013, Becker et al. 2013) rainfall data. Solid (green) contours represent above-average rainfall while dashed (brown) ones denote below-average rainfall; the zero contour is suppressed. The contour interval and shading threshold is 0.5 mm/day. The Final (ver. 1c) forecast for the summer monsoon rainfall is based on antecedent SST anomalies (including May 2018's).