



Laboratory for Experimental Hydroclimate Prediction



ATMOSPHERIC &
OCEANIC SCIENCE

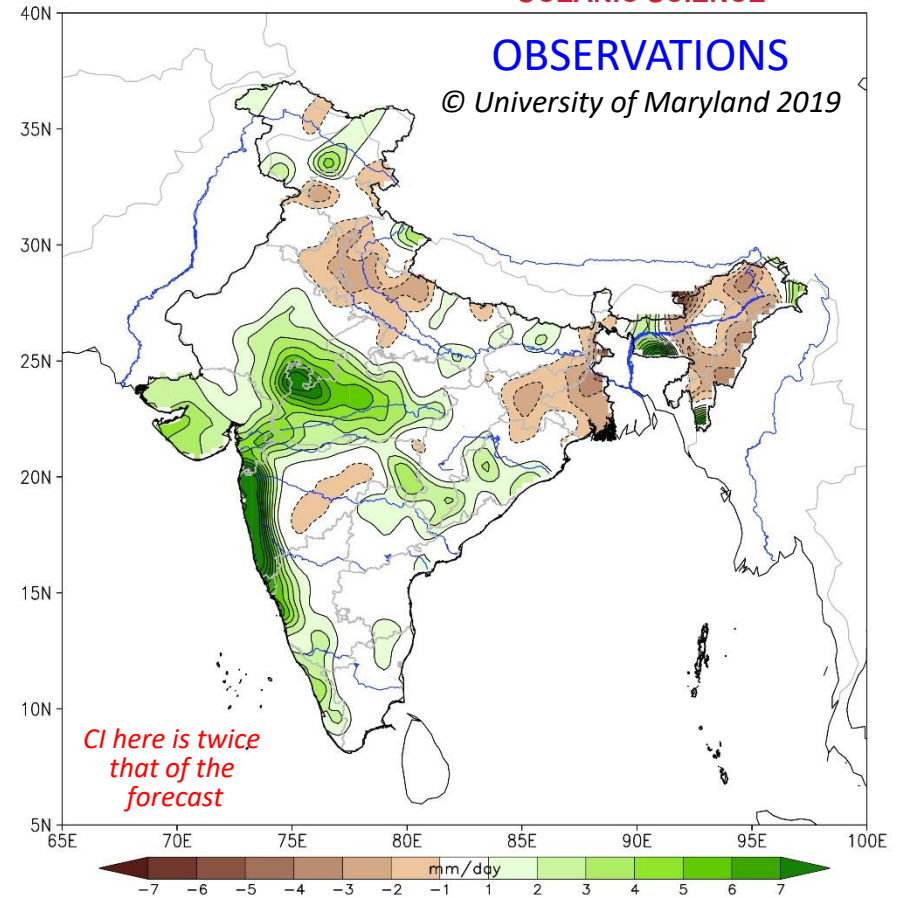
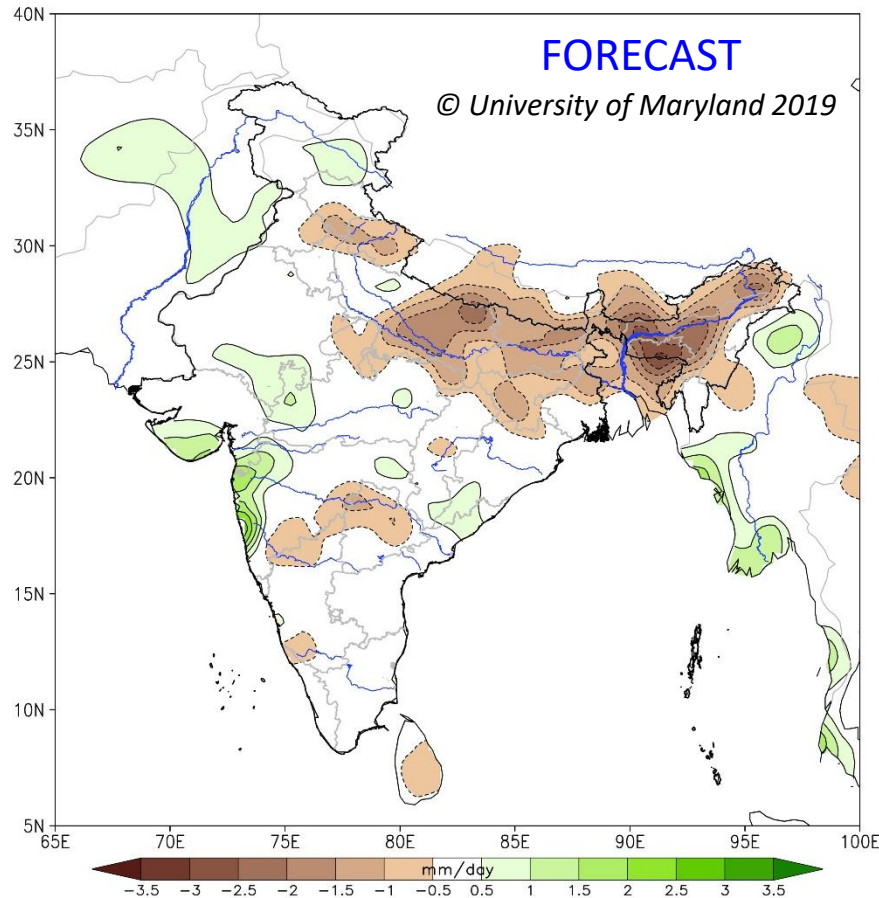


Figure 1. SST-based experimental forecast and verification of the 2019 Summer Monsoon (June-September) rainfall anomalies, with respect to the 1951-2000 climatology. The forecast is generated from regressions of the GPCP ver. 8 (Schneider et al. 2018) precipitation data on the SST principal components (Nigam et al. 2020) over the period 1901-2016. The forecast verification is generated from the IMD generated gridded rainfall (Pai et al. 2014). Green shading represents above-average rainfall while brown shading denotes below-average rainfall. The shading interval is 0.5 mm/day in the forecast and 1.0 mm/day in observations – all as indicated in the shading bar.