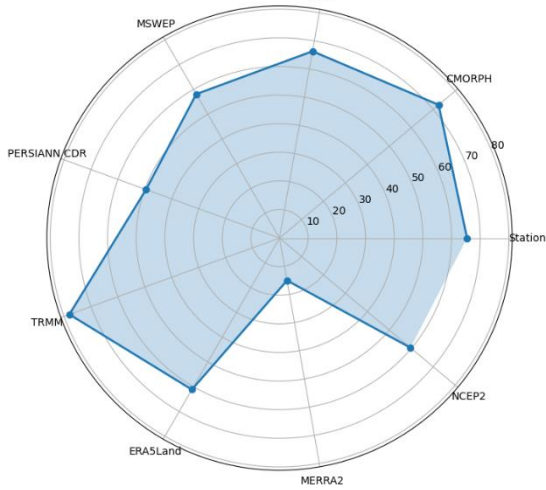


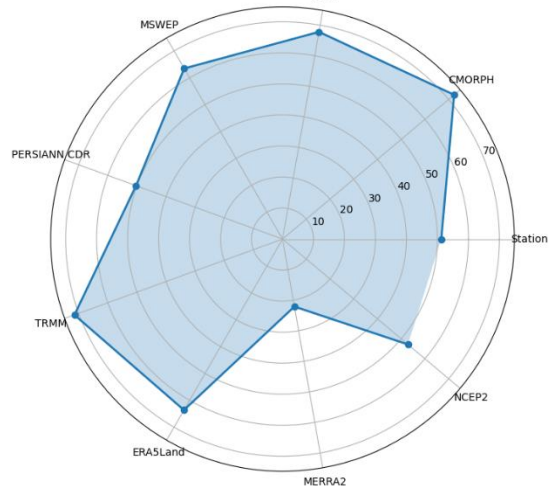
Supplementary Figure

Figure S1 Occurrence frequency of precipitation (0-1 mm) for (a) Coimbatore, (b) Madurai, (c) Tiruchirapalli and (d) Tuticorin

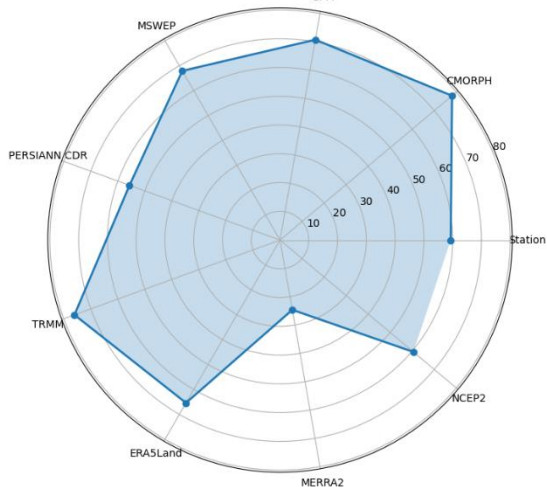
a) Rainfall Products: 0-1 mm Occurrence frequency - Coimbatore



b) Rainfall Products: 0-1 mm Occurrence frequency - Madurai



c) Rainfall Products: 0-1 mm Occurrence frequency - Tiruchirapalli



d) Rainfall Products: 0-1 mm Occurrence frequency - Tuticorin

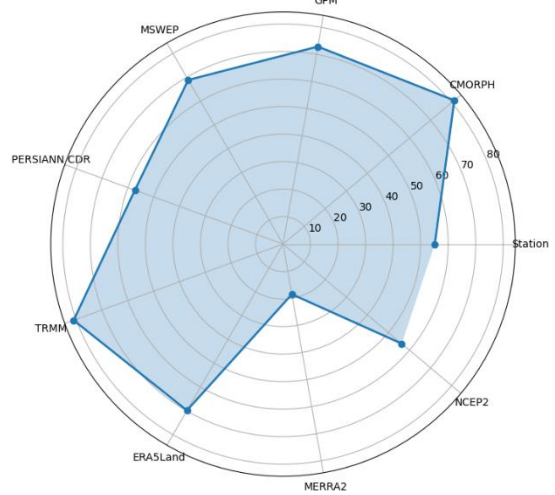


Figure S2 Occurrence frequency of precipitation (1-> 50 mm) for (a) Coimbatore, (b) Madurai, (c) Tiruchirapalli and (d) Tuticorin

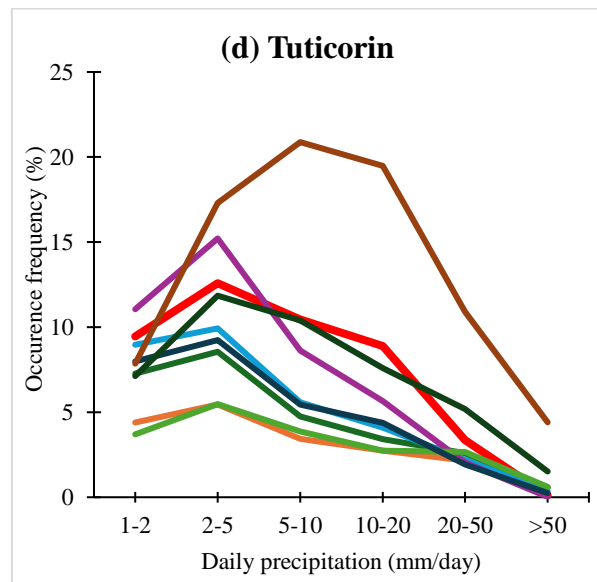
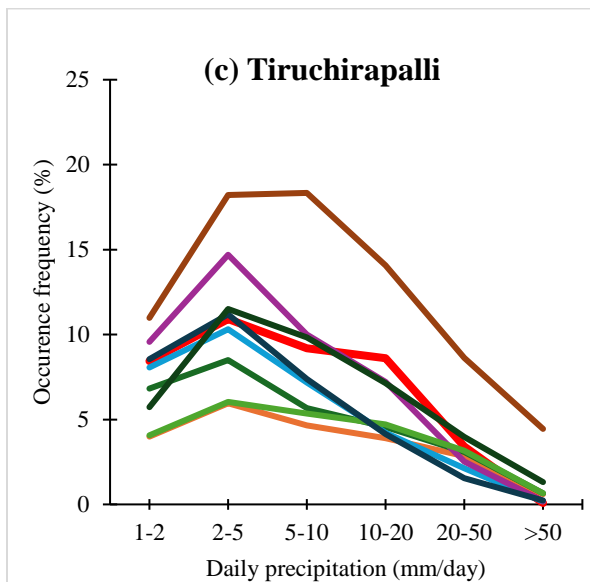
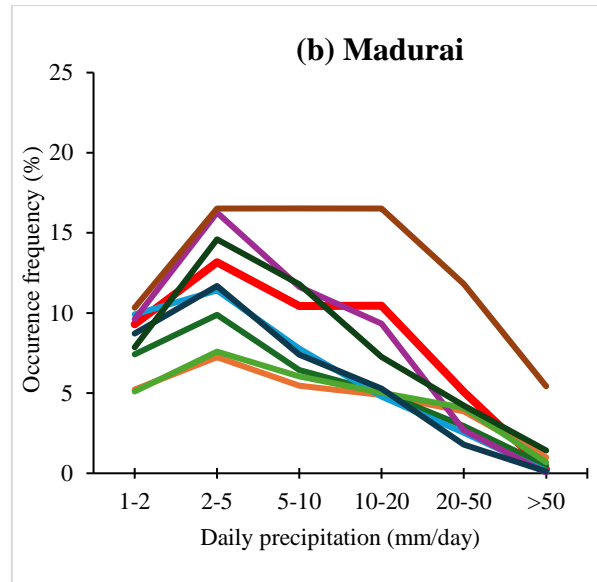
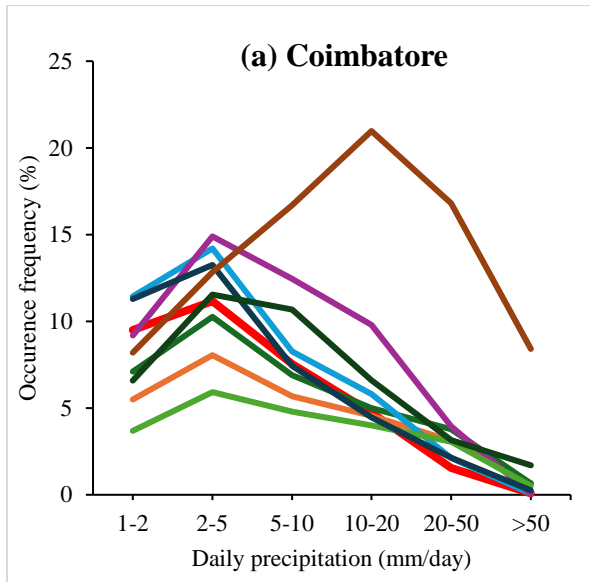


Figure S3 Taylor diagram depicting the agreement between station data and precipitation products at a yearly district scale

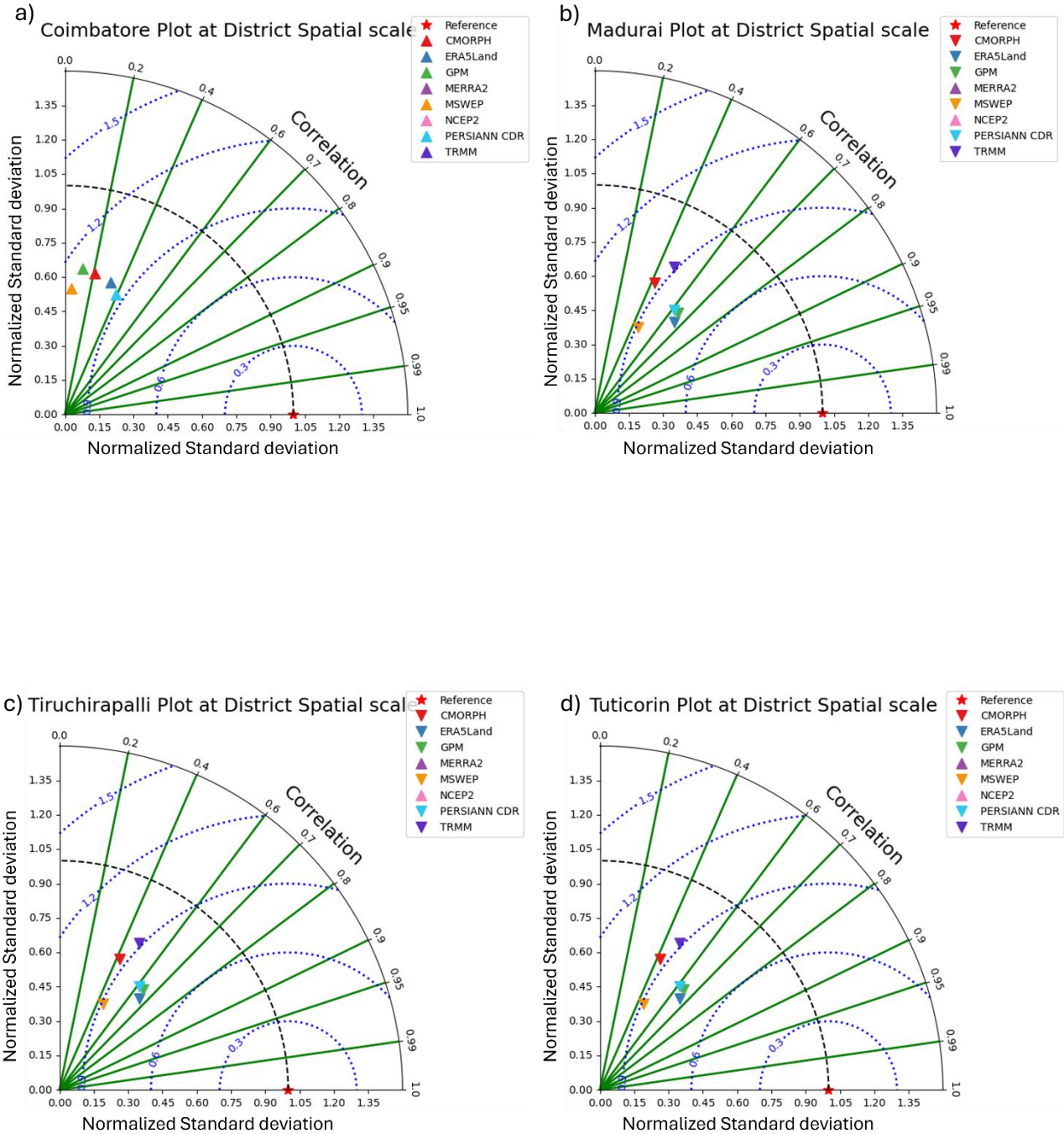


Figure S4 Combined Taylor diagram depicting the agreement between station data and precipitation products at a) yearly grid scale b) monsoon months c) non-monsoon months

