

Appendix 2: Sinnar Rainfall pattern

Figure A2.1. Historical trends (2005 to 2016) of total annual rainfall and number of rainy days in Sinnar

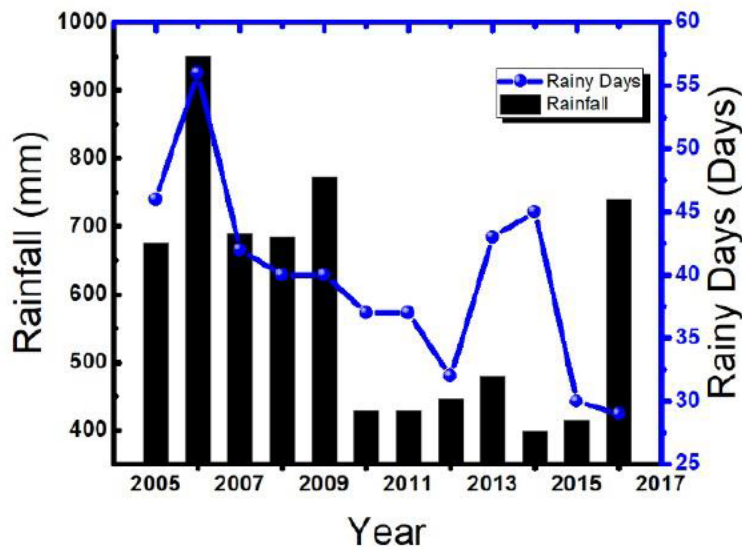


Figure A2.2. Comparison of daily rainfall pattern of 2015 vs 2016. 2015-16 was a bad drought year (494mm rainfall) due to the cumulative effect of consecutive droughts in preceding years. In contrast, 2016 was a good rainfall year (739 mm). Dry spells during monsoons were seen in both years. In 2015, there were long dry spells in the beginning of the monsoon when water was already scarce from drought in preceding years while in 2016 the dry spell came after two months of good rainfall hence its impact was lower

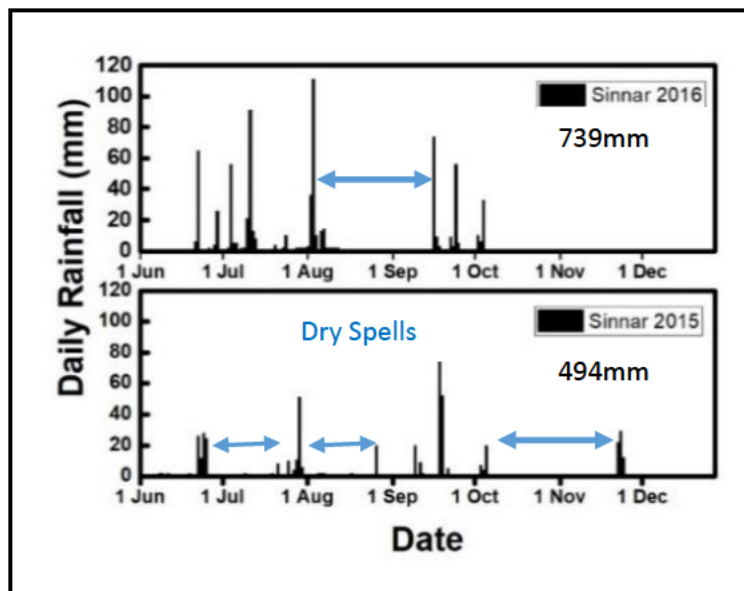


Figure A2.3 Variation of rainfall within Sinnar block as seen from West (high-rainfall region) to East (low rainfall region). The block is divided into seven agricultural circles each of which has a rain-gauge maintained by the agricultural department. Daily rainfall for each circle is available online at <http://maharain.gov.in/>.

