Table S1 Minimum**,** mean and maximum SIF values in each of the agro-climatic zone during summer monsoon

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| --- | --- | --- | --- |
| Agro-climatic zone | Minimum | Mean | Maximum |
| Western coastal plains and Ghats (WCPG) | 0.019 | 0.30 | 0.41 |
| Eastern coastal plains and hills (ECPH) | 0.011 | 0.20 | 0.47 |
| Eastern plateau and hills (EPH) | 0.013 | 0.25 | 0.45 |
| Western plateau and hills (WPH) | 0.013 | 0.18 | 0.38 |
| Southern plateau and hills (SPH) | 0.016 | 0.17 | 0.41 |
| Central plateau and hills (CPH) | 0.01 | 0.17 | 0.34 |
| Trans-Gangetic plains (TGP) | 0.01 | 0.18 | 0.34 |
| Upper Gangetic plains (UGP) | 0.049 | 0.22 | 0.37 |
| Middle Gangetic plains (MGP) | 0.014 | 0.22 | 0.43 |
| Lower Gangetic plains (LGP) | 0.022 | 0.24 | 0.41 |
| Gujarat plain and hills (GPH) | 0 | 0.13 | 0.35 |
| Western dry region (WDR) | 0 | 0.05 | 0.19 |
| Western Himalaya region (WHR) | 0 | 0.08 | 0.39 |
| Eastern Himalaya region (EHR) | 0 | 0.35 | 0.54 |
|  |  |  |  |