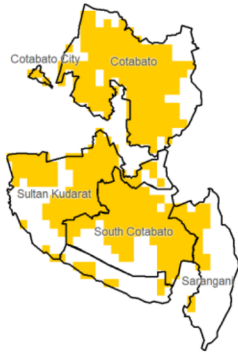


Region XII (SOCCSKSARGEN)

Water Availability for Rice
Prevailing Stage : (III) Reproductive



Water Availability for Corn
Prevailing Stage : None

Harvesting and/or pre-planting stage is possibly ongoing.

Provincial Values

| | Mon. Ave. Rainfall (mm) | Rice CCI (%) | | Corn CCI (%) | |
|----------------|-------------------------|--------------|---------|--------------|---------|
| | | CS | CCI (%) | CS | CCI (%) |
| Cotabato | 101.4 | I | 18.4 | I | 40.2 |
| | | II | 15.7 | II | 28.2 |
| | | III | 14.7 | III | 20.9 |
| | | IV | 27.1 | IV | 27.8 |
| Cotabato City | 104.3 | I | 13.7 | I | 37.0 |
| | | II | 6.5 | II | 27.4 |
| | | III | 5.7 | III | 18.1 |
| | | IV | 25.3 | IV | 27.2 |
| Sarangani | 59.8 | I | 6.9 | I | 14.4 |
| | | II | 6.0 | II | 10.1 |
| | | III | 5.6 | III | 7.0 |
| | | IV | 11.0 | IV | 10.0 |
| South Cotabato | 65.2 | I | 1.7 | I | 3.8 |
| | | II | 1.5 | II | 2.7 |
| | | III | 1.4 | III | 2.1 |
| | | IV | 2.4 | IV | 2.7 |
| Sultan Kudarat | 70.6 | I | 7.3 | I | 22.8 |
| | | II | 5.6 | II | 14.8 |
| | | III | 4.9 | III | 7.5 |
| | | IV | 15.8 | IV | 14.5 |

Crop Stage (CS) highlighted in black is the dominant stage during the month of March

Rice CS: (I) Nursery, (II) Vegetative, (III) Reproductive, (IV) Ripening
 Corn CS: (I) Establishment, (II) Vegetative, (III) Reproductive, (IV) Maturity
 CCI Category: Inadequate (Yellow), Sufficient (Green), Excess (Blue)

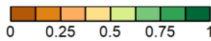
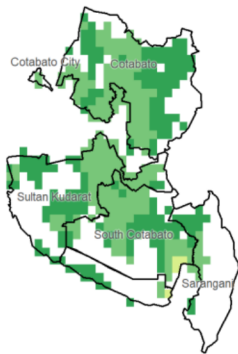
Regional Summary

The entire region received inadequate rainfall to support rice and corn crops at all stages throughout the month, specifically the standing rice crops in the prevailing reproductive stage. While corn farm areas are not currently in a stage that requires high water demand, as harvesting or pre-planting activities are likely taking place.

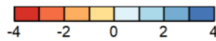
The SPEI3 shows slightly drier conditions affecting Cotabato, Sultan Kudarat, South Cotabato, and Sarangani. This pattern suggests cumulative rainfall deficits that may adversely impact crop development, particularly for rice crop in prevailing reproductive stage.

The NDVI reflects mixed vegetation health, with patches of moderate to healthy vegetation distributed with areas showing reduced plant growth performance, suggesting uneven crop performance and localized stress. Meanwhile, extreme rainfall indices (RX1day and RX5day) remain generally low across the region, indicating the absence of significant heavy rainfall events that could have otherwise reduced moisture deficits.

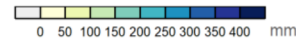
NDVI



SPEI3 (Jan-Feb-Mar)



RX1day



RX5day

