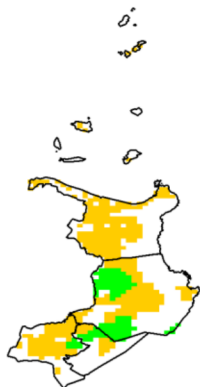


Region II (Cagayan Valley)

Water Availability for Rice
Prevailing Stage : (IV) Flowering



Water Availability for Corn
Prevailing Stage : (I) Establishment



Provincial Values

| | Mon. Ave. Rainfall (mm) | Rice CS | Rice CCI (%) | | Corn CS | Corn CCI (%) | |
|---------------|-------------------------|---------|--------------|---------|---------|--------------|---------|
| | | | CS | CCI (%) | | CS | CCI (%) |
| Batanes | 26.7 | I | 1.3 | I | 3.6 | | |
| | | II | 1.2 | II | 2.2 | | |
| | | III | 1.1 | III | 1.5 | | |
| | | IV | 1.1 | IV | 2.1 | | |
| Cagayan | 37.4 | I | 4.2 | I | 12.4 | | |
| | | II | 3.7 | II | 7.0 | | |
| | | III | 3.4 | III | 4.7 | | |
| | | IV | 3.4 | IV | 6.8 | | |
| Isabela | 86.3 | I | 20.2 | I | 47.4 | | |
| | | II | 18.0 | II | 31.3 | | |
| | | III | 17.0 | III | 23.0 | | |
| | | IV | 17.0 | IV | 30.8 | | |
| Nueva Vizcaya | 44.1 | I | 10.3 | I | 23.9 | | |
| | | II | 9.2 | II | 15.2 | | |
| | | III | 8.6 | III | 10.8 | | |
| | | IV | 8.6 | IV | 14.9 | | |
| Quirino | 67.8 | I | 19.0 | I | 46.4 | | |
| | | II | 17.1 | II | 32.1 | | |
| | | III | 16.3 | III | 24.5 | | |
| | | IV | 16.3 | IV | 31.7 | | |

Crop Stage (CS) highlighted in black to the dominant stage during the month of April

Rice CS: (I) Nursery (II) Vegetative (III) Reproductive (IV) Flowering

Corn CS: (I) Establishment (II) Vegetative (III) Silking (IV) Reproductive

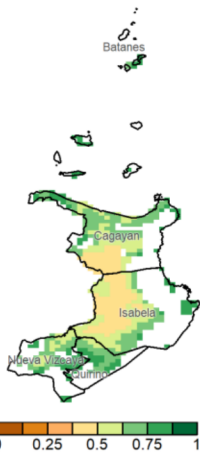
CCI Category: Inadequate Sufficient Excess

Regional Summary

In Cagayan Valley Region, inadequate amount of water for both rice and corn crops in all stages was observed for the month of April, particularly the rice crops at the prevailing flowering stage. The insufficient rainfall amount may have caused adverse impacts to both crops especially corn crops in the prevailing establishment stage.

Meanwhile, maps of rainfall extreme as indicated in the Rx1day and Rx5day do not show any significant or crop-damaging heavy rainfall events during the month. The SPEI3 suggests near-average accumulated rainfall amount in the past three months over most of the provinces in the region. Based on the NDVI map, the western part of Isabela and southwestern part of Cagayan might have experienced crop stress during the month of April.

NDVI



SPEI3 (Feb-Mar-Apr)



RX1day



RX5day

