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Monsoon: Update

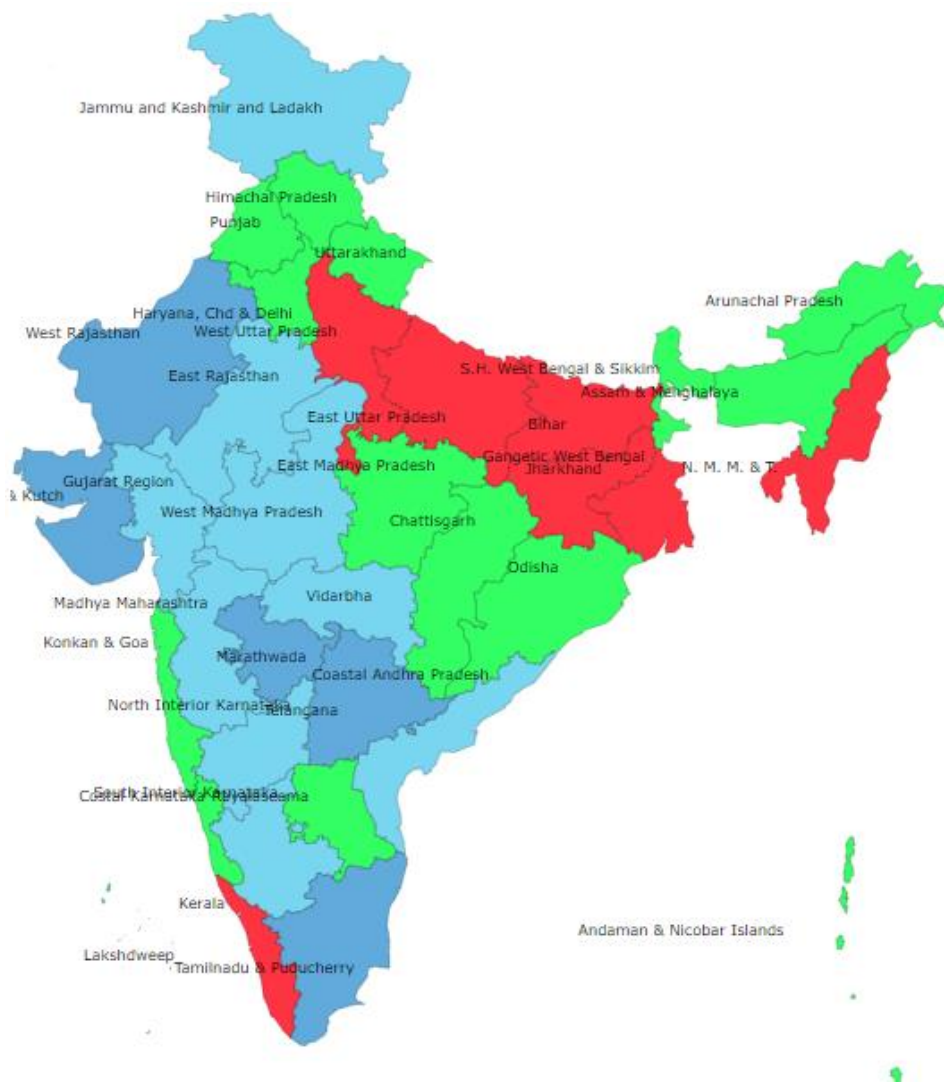
South-West monsoon has registered above normal rainfall at 8% (above LPA) till 31 Jul 2022. The actual rainfall for this period has exceeded and moved past the normal range. Out of 36, 7 subdivisions have received deficient rainfall during this period. Sown area of pulses and oilseeds have inched up, however rice sowing remains a concern. Across India, over 39 districts have received deficient rainfall (-66% to -99% below LPA). It is imperative to remain vigilant as the rainfall has not be spatially distributed raising concern about the crop sown in these districts along with crop loan assigned to them. We will be closely monitoring the rainfall distribution in the coming weeks to understand the same.

Monsoon:

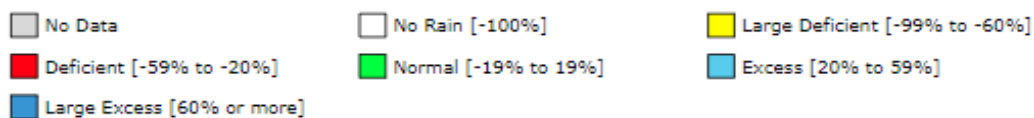
For the period 1 Jun 2022 to 31 Jul 2022, South West Monsoon is 8% above LPA compared with last year.

- Amongst 36 sub divisions, 7 of them have been on receiving end of deficient rainfall.
- On further bifurcations there are over 39 districts (Table2) that have received rainfall in the range of -60% to -99% of LPA.
- It is important to note the rainfall has been erratic in the past few weeks and is not well distributed across regions.
- Crops sown in these area remain a cause of concern and a vigil eye need to be kept out in terms of crop loan assigned to these districts.
- Furthermore, we will be closely tracking the rainfall distribution in the remaining two months of South West monsoon.

Fig 1: Distribution pattern of South-West Monsoon



Source: IMD, Bank of Baroda Research | Period from 1 Jun-31 Jul 2022.



Kharif sowing

For the week ending 29 Jul 2022, overall kharif sown area has declined by 2.2% compared with last year. Sown area of cotton (5.3%), pulses (2.9%) and oilseeds (0.8%) has improved. However, area sown for rice has declined further by 13.3% and raised uneasiness over the future prospects of rice production. The focus is bound to shift towards monitoring the distribution of rainfall in the coming weeks.

Table 1: Kharif Sowing

| | Normal Area | Area sown in 2022-23 (mn ha) | Area sown in 2021-22 (mn ha) | Growth (YoY %) |
|----------------|--------------|------------------------------|------------------------------|----------------|
| Foodgrains | 72.1 | 48.0 | 50.6 | (5.1) |
| Cereal | 58.1 | 37.4 | 40.2 | (7.1) |
| Rice | 39.7 | 23.2 | 26.7 | (13.3) |
| Pulses | 14.0 | 10.6 | 10.3 | 2.9 |
| Oilseeds | 18.4 | 16.4 | 16.3 | 0.8 |
| Cotton | 12.6 | 11.8 | 11.2 | 5.3 |
| Sugarcane | 4.7 | 5.5 | 5.4 | 0.2 |
| Jute and Mesta | 0.7 | 0.7 | 0.7 | (0.4) |
| Total | 108.5 | 82.34 | 84.17 | (2.2) |

Source: CEIC, Bank of Baroda | Data as of 29 Jul 2022

Table2: Districts with Deficient rainfall

| Name of the Districts | | | |
|-----------------------|-----------------|-------------|----------------|
| AMETHI | FARRUKHABAD | KANPURNAGAR | PAKUR |
| AMROHA | GARHWA | KAUSHAMBI | PALAMU |
| ARWAL | GAUTAMBUDHNAGAR | KUSHINAGAR | PILHIBHIT |
| | | LAHUL AND | |
| BAHRAICH | GAYA | SPITI | RAMPUR |
| BALLIA | GHAZIABAD | LAKHISARAI | SAHEBGANJ |
| BASTI | GODDA | MAHARAJGANJ | SANTKABIRNAGAR |
| BHAGALPUR | GONDA | MAU | SHAHJAHANPUR |
| BIRBHUM | JAMTARA | MORADABAD | SHEOHAR |
| CHATRA | JAUNPUR | MURSHIDABAD | SHRAWASTI |
| DEOGHAR | KANPURDEHAT | NADIA | PAKUR |

Source: IMD, Bank of Baroda | Note: Districts receiving rainfall in the range of -60% to 99% of LPA has been taken

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