

**Advisory for DD Kisan dated 08.03.19**  
**(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)**

**Significant Weather Features**

- A fresh western disturbance is very likely to cause fairly widespread to widespread rain/snow activity over Western Himalayan Region; and isolated to scattered rainfall over adjoining areas of Punjab, Haryana and West Uttar Pradesh on 11th March and significantly decrease thereafter. Isolated Hailstorm activity is also very likely to occur over Western Himalayan Region, north Punjab and north Haryana on 11th March.
- The prevailing heat wave conditions at a few places over Interior Tamilnadu very likely to continue to prevail today also, the 8th March. Maximum temperatures very likely to increase gradually by 2-3°C over many parts of central & west India during next 48 hours..

**Realised Rainfall / Snow**

**(From 0830 hours IST of yesterday to 0830 hours IST of today):**

- Rain/Snow observed at a few places over Jammu & Kashmir and at isolated places over Jammu & Kashmir and Uttarakhand.
- Rain/Thundershowers observed at many places over Arunachal Pradesh and at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Rajasthan, Haryana, Tamilnadu & Puducherry, Coastal Andhra Pradesh and Kerala.

**Weather Forecast for next 5 days upto 0830 hours IST 12<sup>th</sup> March 2019**

- Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- No significant change in Maximum & minimum temperatures likely over northwest & east India during next 2-3 days. Maximum temperatures very likely to increase gradually by 2-3°C over many parts of central & west India during next 2-3 days and no significant change likely over rest parts of the country during same period.

Table 1

### 5 Day Rainfall Forecast (MID-DAY) 08-March-2019

Met-Sub-Division	08-Mar Today	09-Mar Sat	10-Mar Sun	11-Mar Mon	12-Mar Tue
1. Andaman & Nicobar Islands	DRY	DRY	DRY	DRY	DRY
2. Arunachal Pradesh	SCT	ISOL	DRY	DRY	DRY
3. Assam & Meghalaya	ISOL	DRY	DRY	DRY	DRY
4. N. M. M. & T.	ISOL	DRY	DRY	DRY	DRY
5. S.H. West Bengal & Sikkim	DRY	DRY	DRY	DRY	DRY
6. Gangetic West Bengal	DRY	DRY	DRY	DRY	DRY
7. Odisha	DRY	DRY	DRY	DRY	DRY
8. Jharkhand	DRY	DRY	DRY	DRY	DRY
9. Bihar	DRY	DRY	DRY	DRY	DRY
10. East Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
11. West Uttar Pradesh	DRY	DRY	DRY	ISOL	ISOL
12. Uttarakhand	ISOL	DRY	DRY	FWS	SCT
13. Harvans, Chd & Delhi	ISOL	DRY	DRY	SCT	ISOL
14. Punjab	ISOL	DRY	ISOL	SCT	ISOL
15. Himachal Pradesh	SCT	DRY	DRY	WS	SCT
16. Jammu & Kashmir	ISOL	ISOL	DRY	WS	SCT
17. West Rajasthan	ISOL	DRY	ISOL	ISOL	DRY
18. East Rajasthan	ISOL	DRY	DRY	ISOL	DRY
19. West Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
20. East Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
21. Gujarat Region	DRY	DRY	DRY	DRY	DRY
22. Seurashtra & Kutch	DRY	DRY	DRY	DRY	DRY
23. Konkan & Goa	DRY	DRY	DRY	DRY	DRY
24. Madhya Maharashtra	DRY	DRY	DRY	DRY	DRY
25. Marathwada	DRY	DRY	ISOL	ISOL	DRY
26. Vidharbha	DRY	DRY	DRY	ISOL	ISOL
27. Chhattisgarh	DRY	DRY	DRY	ISOL	ISOL
28. Coastal Andhra Pradesh	ISOL	ISOL	DRY	DRY	DRY
29. Telangana	DRY	DRY	ISOL	ISOL	DRY
30. Rayalaseema	ISOL	DRY	DRY	DRY	DRY
31. Tamilnadu & Puducherry	ISOL	ISOL	ISOL	DRY	DRY
32. Coastal Karnataka	DRY	DRY	DRY	DRY	DRY
33. North Interior Karnataka	ISOL	DRY	DRY	DRY	DRY
34. South Interior Karnataka	ISOL	DRY	ISOL	ISOL	DRY
35. Kerala	ISOL	ISOL	SCT	ISOL	ISOL
36. Lakshadweep	ISOL	DRY	ISOL	ISOL	DRY

#### % Station Reporting Rainfall

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

## Weather Warning

- **08 March (Day 1):** Thunderstorm accompanied with hailstorm & gusty winds likely over Himachal Pradesh and Uttarkhand.
- Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over Punjab, north Haryana, north Rajasthan, Assam & Meghalaya, Coastal Andhra Pradesh, Kerala and Interior Tamilnadu.
- Heat wave conditions at some parts very likely over interior Tamilnadu and at one or two places over Rayalaseema.
- **09 March (Day 2):** Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over Coastal Andhra Pradesh, Kerala and interior Tamilnadu.
- **10 March (Day 3):** Thunderstorm accompanied with lightning & gusty winds at isolated places likely over Kerala.
- **11 March (Day 4):** Thunderstorm accompanied with hailstorm, lightning & gusty winds likely over Jammu & Kashmir, Himachal Pradesh, Uttarkhand, Punjab and Haryana, Chandigarh & Delhi.
- Thunderstorm accompanied with lightning & gusty winds likely over north Rajasthan.
- **12 March (Day 5): No weather warning.**

## Salient Advisories

### Thunderstorm/Thundersquall and advisory

#### Warning

- **Thunderstorm accompanied with hailstorm & gusty winds** likely over Himachal Pradesh and Uttarkhand on 8<sup>th</sup>.
- **Thunderstorm accompanied with hailstorm, lightning & gusty winds** likely over Jammu & Kashmir, Himachal Pradesh, Uttarkhand, Punjab and Haryana, Chandigarh & Delhi on 11<sup>th</sup>.
- **Thunderstorm accompanied with lightning & gusty winds** at isolated places very likely over Punjab, north Haryana, Assam & Meghalaya on 8<sup>th</sup>; Coastal Andhra Pradesh and interior Tamilnadu on 8<sup>th</sup> and 9<sup>th</sup>, Kerala on 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup>; on 9<sup>th</sup> and over north Rajasthan on 8<sup>th</sup> and 11<sup>th</sup>.

#### Advisory

- In above regions, provide support to young fruit plants and staking in vegetables to prevent the crops from lodging due to strong winds. Postpone application of plant protection measures and fertilizers to the standing crops during gusty wind.

## Heat wave and advisory

### Warning

- Heat wave conditions at some parts very likely over interior Tamilnadu and at one or two places over Rayalaseema during next 24 hours.

### Advisory

- Apply irrigation at regular intervals and increase the frequency of irrigation at critical growth stages. Undertake soil mulching in standing crops to cope up with the excess evaporative demand due to heat wave, undertake mulching with straw/polythene to conserve soil moisture.

## Salient Advisories

### Arunachal Pradesh, Assam Manipur Nagaland Tripura

- In Arunachal Pradesh, continue sowing of pea in higher altitudes and sowing of early kharif vegetables like *okra*, French bean, land preparation for sowing of maize and harvesting of mustard, turmeric and ginger.
- In Assam, continue sowing of direct seeded ahu rice. Continue field preparation for sowing of green gram, black gram. Continue harvesting of matured Rapeseed-Mustard.
- In Nagaland, undertake sowing of Jhum paddy and potato.
- In Tripura undertake harvesting of mustard and prepare the land for sowing of Urd/ Green gram.
- In Manipur continue harvesting of mustard, undertake transplanting of *kharif* rice.

### Jammu & Kashmir

- In valley region of Jammu & Kashmir, continue sowing of solanaceous crop seeds under polyhouses for raising early nursery and sowing of cucurbit seeds in polybags for raising early nursery under protected conditions.
- In Jammu division undertake transplanting of Vegetables from nursery to main field (tomato/brinjal/ chillies cucumber / bottlegourd/ bittergourd/ pumpkin).

### Madhya Pradesh and Chhattisgarh

- In West Madhya Pradesh undertake land preparation for sowing of groundnut green gram and black gram. Harvest matured wheat and gram
- In Chhattisgarh, harvest and dry the gram, pea, mustard and lentil crops. Complete sowing of summer moong, til and groundnut crops.

### Gujarat

- In Gujarat, continue land preparation/sowing of sesame, summer groundnut, pearl millet, summer vegetables (*okra*, cluster bean and bottle gourd) and summer pulses. Continue harvesting of mustard and castor capsules.
- In Saurashtra& Kutch, undertake sowing of summer groundnut and sesame crops.

- In North Gujarat, continue land preparation and undertake sowing of summer groundnut, cowpea crop and undertake sowing of fodder (sorghum and maize) crops. Continue harvesting of matured castor capsules, gram and cumin crops.
- In Middle Gujarat, continue land preparation and undertake sowing of sesame. Continue harvesting of matured mustard and castor capsules.

### **Maharashtra**

- In Konkan, to control leaf miner in groundnut, spray Quinalphos 25% EC @ 20 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liters of water.
- In Madhya Maharashtra, Continue harvesting of matured sorghum, wheat and chickpea.
- In Marathwada, undertake harvesting of wheat, chickpea and safflower.
- In Vidarbha, complete sowing of summer greengram and also undertake harvesting of safflower, mustard, gram and chickpea.

### **Uttar Pradesh and Uttarakhand**

- In East Uttar Pradesh, sowing of zayad vegetables (lady fingers, Gourds and cucurbitaceous vegetables) and fodder maize.
- In West Uttar Pradesh undertake sowing of lady finger, French bean (contender) and cluster bean.
- In Uttarakhand, sowing of spring season sugarcane crop should be completed up to 15th March.

### **Odisha**

- Continue sowing of summer Sunflower, groundnut, green gram and black gram. Undertake harvesting of matured mustard.

### **West Bengal**

- In Sub Himalayan West Bengal, continue transplanting of Boro rice. Undertake harvesting of matured cole crops like cabbage, cauliflower, broccoli, etc.
- In Gangetic West Bengal, protect the Boro nursery from low night temperatures by applying water to the nursery at evening and draining out at morning.

### **Bihar & Jharkhand**

- In Jharkhand, continue sowing cowpea, maize, mung and okra. To control weed, after sowing of maize spray weedicide Atrazine @ 1.5 kg/400 litre water/ per hectare.
- In Bihar, harvest matured mustard crop. Carry out digging out potato tubers from the field which is in matured stage. Cut the upper vegetative parts of the crop for seed purpose.. Take up land preparation/sowing of Elephant foot yam, green gram and black gram. Continue sowing of summer maize and sunflower. Continue land preparation for sowing of summer vegetables.

### **Punjab, Haryana and Delhi**

- In Punjab, continue sowing of sugarcane and vegetables (cucurbits, okra and cowpea).
- In Delhi, undertake sowing of green gram, black gram, French bean (contender) and cluster bean.
- In Haryana undertake harvesting of matured mustard and sugarcane and also continue sowing of sunflower.

### Andhra Pradesh, Kerala , Karnataka and Telangana

- In North Coastal Andhra Pradesh, undertake sowing of Summer Green gram and complete plantings of sugarcane as early as possible.
- In Rayalaseema, undertake sowing of crops such as groundnut, maize and fodder crops under micro irrigation methods. In Kerala, to reduce soil moisture losses in coconut and for its conservation, mulching may be carried out using green or dried coconut husk, coconut leaves etc
- In Telangana, undertake sowing of fodder crops like Sorghum, Bajra and Maize can be taken up for fodder with assured irrigation facilities. Fodder Sorghum, Bajra, Maize, Pillipesara, Sunhemp and Horsegram can also be taken up in rice fallows.
- In Southern Kerala, intercropping with green manuring crops like dhaincha can be undertaken in transplanted *virippu*, rice.
- In North Interior Karnataka, complete harvesting of early sown sorghum, safflower, chick pea and cotton crops as early as possible. Complete sowing of water melon and fodder crops.
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### Rajasthan

- Undertake sowing of Zaid crops like Green gram, groundnut, Okra, sorghum (fodder), Pearl millet (fodder) & early summer cucurbits like bottle gourd, round guard, bitter guard, water melon and musk melon. Also continue harvesting matured mustard crop.