



**India Meteorological Department**

**(Ministry of Earth Sciences)**

**Agrimet Bulletin No. 3**

**Deep Depression (remnant of Cyclonic Storm 'JAWAD') over northwest and adjoining westcentral Bay of Bengal**

**Time of Issue: 1200 HOURS IST**

**Dated: 05.12.2021**

The **Deep Depression (remnant of Cyclonic Storm 'JAWAD')** over northwest and adjoining westcentral Bay of Bengal moved north-northeastwards with a speed of 20 kmph during past 06 hours, and lay centered at 0830 hrs IST of today, the 05<sup>th</sup> December 2021, over northwest and adjoining westcentral Bay of Bengal near Lat. 18.7°N and Long. 85.6°E, about 270 km east-northeast of Vishakhapatnam (Andhra Pradesh), 90 km east-southeast of Gopalpur (Odisha), 120 km southsouthwest of Puri (Odisha) and 210 km south-southwest of Paradip (Odisha).

It is likely to move north-northeastwards, weaken further into a Depression and reach Odisha coast near Puri during next 6 hours. Subsequently, it is likely to continue to move north-northeastwards along Odisha coast towards West Bengal coast and weaken into a well marked low pressure area around mid-night of 5<sup>th</sup> December 2021.

Coastal Odisha received heavy to very heavy rainfall during past 24 hours ending at 0830 hrs IST of today, the 5<sup>th</sup> December 2021.

**Warnings**

**(i) Rainfall warning**

**5<sup>th</sup> Dec.:** Light to moderate rainfall at most places with **heavy to very heavy rainfall at isolated places** likely over north coastal & adjoining areas of Odisha & Gangetic West Bengal. **Heavy rainfall** at isolated places is also likely over south coastal Odisha during next 12 hours.

**6<sup>th</sup> Dec.:** Light to moderate rainfall at many places with **heavy to very heavy rainfall at isolated places** likely over south Assam & Meghalaya, Mizoram and Tripura and **heavy rainfall** at isolated places over eastern districts of Gangetic West Bengal.

**(ii) Wind Warning**

- Squally wind speed reaching 50-60 kmph gusting to 70 kmph prevails over northwest and adjoining westcentral Bay of Bengal. It would gradually decrease becoming 40-50 kmph gusting to 60 kmph over northwest and adjoining westcentral Bay of Bengal by evening of today, the 5<sup>th</sup> December. It would decrease further becoming 30-40 kmph gusting to 50 kmph over northwest Bay of Bengal by night of today, the 5<sup>th</sup> December.

- Squally winds speed reaching 45-55 kmph gusting to 65 kmph likely to prevail along & off North Andhra Pradesh coast during next 06 hours and along & off Odisha – West Bengal coasts during next 24 hours.

**(iii) Sea condition**

- Rough to very rough Sea conditions likely to prevail over northwest Bay of Bengal and along & off Odisha & West Bengal coasts during next 24 hours and adjoining west-central Bay of Bengal and along & off North Andhra Pradesh coast during next 12 hours.

**(iv) Fishermen Warning**

- Fishermen are advised not to venture into northwest Bay of Bengal, along & off Odisha-West Bengal coasts during next 24 hours and along and adjoining west-central Bay of Bengal along & off north Andhra Pradesh coast during next 12 hours.

**(v) Advisory to along & off shore Installations**

- The off-shore & alongshore operations along & off Odisha & West Bengal coasts are advised to be regulated till evening of today, the 5<sup>th</sup> December 2021

**Special Agromet Advisories**

**Andaman & Nicobar Islands**

- Remove water from the paddy field and harvest all the fallen rice plants to avoid sprouting in the field.
- Clear all the channels and improve drainage in vegetable field. Apply Pseudomonas in the soil @ 400 g/acre.
- Clear the weeds from papaya and banana and do earthing up around tree/plants.
- Clean the coconut garden and collect all the fallen fruits to avoid sprouting in the field itself.
- Close the bund in BBF and Fish ponds to maintain water dept.

**North Coastal Andhra Pradesh**

**Visakhapatnam, Vizainagaram and Srikakulam**

- Postpone sowing of rice fallow pulses.
- Provide extensive drainage in already sown rice fallow pulses, sugarcane, cotton, red gram, vegetables and fruit orchards.
- Monitor for pest and diseases in the standing crops.

**East Godavari**

- Provide drainage to rajmash, ginger, vegetables and fruit orchards (banana and papaya).
- Monitor for pest and diseases in the standing crops.

**Odisha:** Cover vegetable seedlings with white polythene and make necessary drainage arrangements.

**Koraput, Nabarangpur & Malkangiri**

- Arrange drainage facility to avoid water logging in *Rabi* crops viz., Green gram, Red gram, Pulses, maize, Wheat, Groundnut and Mustard which are in Vegetative/Flowering stage and fruit crops.
- Monitor for pest and diseases in the standing crops.

**Jagatsinghpur, Ganjam**

- Tie sugarcane leaves from four to five plants together to prevent lodging and provide staking.
- Monitor for pest and diseases in the standing crops.

**Khorda, Puri, Kendrapada, Cuttack, Nayagarh**

- Postpone the harvest of Black Gram.
- After receding of rain water, tie the panicles of paddy in bundles and keep straight.
- Withheld sowing Groundnut/Green Gram and make provision for draining out rain water in already sown crops.
- After receding of rainwater, wash the muddy leaves of vegetables or remove them from plants.
- Monitor for pest and diseases in the standing crops.

**Kandhamal**

- Provide drainage to vegetables, fruit crops and already sown mustard.
- Monitor for pest and diseases in the standing crops.

**Keonjhar**

- Postpone sowing of Greengram, Blackgram and Chickpea.
- Drain out excess water from Linseed, Mustard Capsicum Chilli & Tomato, Field pea, potato and already sown Greengram, Blackgram and Chickpea.
- Monitor for pest and diseases in the standing crops.

**Jajpur & Balasore**

- Postpone sowing of groundnut.
- Provide drainage in vegetables.
- Monitor for pest and diseases in the standing crops.

**Bhadrak**

- Postpone sowing of mustard.

**Dhenkanal, Malkangiri**

- Drain out excess water from Pigeon pea, Sesame, Sugarcane and vegetables.
- Stacking may be provided to vegetables if feasible.

**Gajapati, Mayurbhanj**

- Withheld sowing of Groundnut, Green Gram, Lentil, Castor, Niger, Mustard, Sunflower, Black gram, Field pea. Drain out excess water from already sown crops.

- If paddy plants lie down due to heavy wind, make them straight and wash away mud. Drain out excess water from paddy and non-paddy crop.

### **Rayagada**

- Postpone sowing of *rabi* crops like Green gram, black gram and Mustard and potato, Onion and coriander.
- Open drainage channels in vegetable fields to facilitate drainage of excess water Mustard, arhar and vegetables.
- Monitor for pest and disease infection in standing crops.

## **West Bengal**

### **East Midnapore, South 24 Parganas**

- Provide drainage in seed bed of Boro paddy and Vegetables.
- Postpone sowing of Sunflower, Mustard and Potato.

### **Paschim Medinipur, Jhargram and Bankura**

- Postpone sowing of Mustard, Pulses (Lentil, Chick Pea) and Potato.
- Postpone the irrigation, spray of the pesticides & herbicides.
- Maintain proper drainage in the field for the planted vegetables.

### **Hooghly, Paschim Bardhaman, Nadia and Howrah**

- Postpone sowing of Potato, Mustard and Lentil. Drain out excess water from already sown crops and vegetables.
- Avoid irrigation and any kind of chemical spray.
- Strengthen macha of betel vine.

### **Purulia**

- Make proper drainage channels in the vegetable field to avoid crop damage due to excess water accumulation.
- Postpone sowing of Mustard.

## **Assam**

### **Cachar**

- Postpone sowing of boro rice seeds in the nursery bed during heavy rains and arrange for drainage facility.
- Postpone sowing of Field pea in the rice fields as a relay crop.
- Undertake earthing up in Potato to keep it stable in windy.
- Do not spray any chemicals in the *rabi* crops and vegetables.