



Agricultural Meteorology Division
India Meteorological Department
(Ministry of Earth Sciences)

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Subject: Deep Depression over north coastal Andhra Pradesh & adjoining south Odisha

The Deep Depression over north coastal Andhra Pradesh & adjoining south Odisha, moved northwestwards with a speed of 10 kmph during past 06 hours and lay centered at 1130 hrs IST of today, 24th September 2026 over the same region, near latitude 18.7°N and longitude 83.4 °E, about 60 km southeast of Rayagada (Odisha), 70 km east of Koraput (Odisha), 90 km west-northwest of Kalingapatnam (Andhra Pradesh), and 150 km east-southeast of Jagdalpur (Chhattisgarh).

It is very likely to move north-northwestwards and weaken gradually into a Depression around evening of today, the 24th September. Thereafter it is very likely to continue to move north-northwestwards and weaken gradually during subsequent 24 hours.

Warnings:

(i) Rainfall Warning:

- **Odisha:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** with **extremely heavy rainfall** at isolated places over south Odisha and isolated heavy to very heavy rainfall over north Odisha on 24th September. **Heavy to very heavy rainfall** at isolated places on 25th over interior Odisha and **heavy rainfall** at isolated places over Odisha is likely on 26th September.
- **Chhattisgarh:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places and **extremely heavy rainfall** at isolated places over south Chhattisgarh and isolated **heavy to very heavy rainfall** over north Chhattisgarh on 24th September. **Heavy to very heavy rainfall** at isolated places on 25th and isolated **heavy rainfall** on 26th September over Chhattisgarh.
- **Coastal Andhra Pradesh and Yanam:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places over north Coastal Andhra Pradesh & Yanam on 24th September and **Heavy rainfall** at isolated places over north Coastal Andhra Pradesh is likely on 25th September.
- **Telangana:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places over northeast Telangana very likely on 24th and **heavy rainfall** at isolated places over east Telangana on 25th September.

- **Jharkhand:** Light to moderate rainfall at many places with **heavy to very heavy rainfall** at isolated places on 24th and **heavy rainfall** at isolated places is very likely on 25th September.
- **Gangetic West Bengal:** Light to moderate rainfall at many places with **heavy to very heavy rainfall** at isolated places on 24th and **heavy rainfall** at isolated places is very likely on 25th September.
- **East Madhya Pradesh:** Light to moderate rainfall at many places with **heavy rainfall** at isolated places during 24th-27th and **isolated very heavy rainfall** is very likely on 25th & 26th September.
- **Vidarbha:** Light to moderate rainfall at many places with **heavy to very rainfall** at isolated places on 24th & 25th September and **heavy rainfall** at isolated places is very likely on 26th September.

(ii) Wind warning:

- **Squally wind with speed reaching 55-65 kmph gusting to 75 kmph** is prevailing over Westcentral and adjoining Northwest Bay of Bengal & along and off south Odisha-north Andhra Pradesh & Yanam coasts and likely to continue till noon and become 50-60 kmph gusting to 70 kmph in the evening of today, the 24th September. It is likely to become 45-55 kmph gusting to 65kmph from midnight of today, 24th September till morning of 25th September and decrease gradually thereafter.
- **Squally wind with speed reaching 55-65 kmph gusting to 75 kmph** is prevailing over coastal districts of north Andhra Pradesh & adjoining east Telangana, south Odisha and south Chhattisgarh and likely to continue till noon and becoming 50-60 kmph gusting to 70 kmph in the evening of today, the 24th September. It is likely to become 45-55 kmph gusting to 65kmph from midnight of today, 24th September till morning of 25th September and decrease gradually thereafter.
- **Squally wind speed reaching 45-55 kmph gusting to 65 kmph** is likely over the districts of northwest Odisha, north Chhattisgarh and southwest Jharkhand from 24th evening till 25th evening and decrease gradually thereafter.
- **Squally wind speed reaching 45-55 kmph gusting to 65 kmph** is likely over adjoining areas of North and South Bay of Bengal till evening of today, the 24rd September.
- **Squally wind with speed reaching 40-50 kmph gusting to 60 kmph** is likely along & off West Bengal and south Andhra Pradesh & Yanam coasts till evening of today, the 24rd September.

(iii) Sea condition:

- **Very Rough to rough sea** condition is prevailing over westcentral & northwest Bay of Bengal till noon and likely to become rough from evening of today, the 24th September till morning of 25th September and improve gradually thereafter.

- **Very Rough to rough sea** condition is prevailing along & off north Andhra Pradesh-Odisha-West Bengal coasts till noon and likely to become rough from evening of today, the 24th September till morning of 25th September and improve gradually thereafter.
- **Rough sea condition** is likely over adjoining areas of southwest Bay of Bengal till 24th September evening and gradually improve thereafter.

(iv) Fishermen warnings:

- Fishermen are advised not to venture into Westcentral & adjoining northwest & southwest Bay of Bengal and along & off Andhra Pradesh-Odisha-West Bengal coasts till morning of 25th September.

Special Agromet Advisories for Deep Depression over north coastal Andhra Pradesh & adjoining south Odisha

Chhattisgarh

1. AMFU Jagdalpur (Bijapur, Dantewada, Sukma and Bastar)

- Drain excess water from Rice, Maize, Pulses, Minor millets and Vegetables.
- Postpone fertilizer, herbicide and pesticide application during heavy rains.
- Provide staking support for crops like banana, papaya, chilli, tomato, and other vegetables to prevent them from falling over due to strong winds.

Gangetic West Bengal

1. AMFU Kharagpur (West Midnapore and Jhargram)

- Drain excess water from Rice, groundnut and vegetables.
- Avoid irrigation, nitrogen application, pesticide and fungicide spraying during rainfall.
- Provide earthing up to support the groundnut and repair eroded soil around plants after heavy rainfall.
- Provide staking or support to vegetables to minimize wind damage

2. AMFU Kakdwip (South 24 Parganas, East Midnapore)

- Drain excess water from *aman* rice, vegetables & beetle vine.
- Tightly bind the surroundings of beetle vine garden immediately.
- Raise the nursery bed of vegetables properly for avoiding water stagnation at base area.

Vidarbha

1. AMFU Shindewahi (Nagpur, Gondia, Gadchiroli, Chandrapur and Bhandara)

- Drain excess water from rice, cotton, soybean, red gram, vegetables and fruit orchards.
- Avoid irrigation, pesticide and fungicide spraying during rainfall.
- Provide staking or support to vegetables to minimize wind damage.

Jharkhand

1. AMFU Ranchi (Ranchi, Gumla, Khunti, Simidaga and West Singhbhum)

- Drain excess water from rice, maize, red gram, vegetables, nurseries of vegetables and

fruit orchards.

- Avoid irrigation, pesticide and fungicide spraying during rainfall.
- Provide staking or support to vegetables to minimize wind damage.

Animal Husbandry

- Keep cattle in dry, elevated sheds with good ventilation.
- Provide clean feed and water; avoid feeding wet or mouldy fodder.
- Ensure adequate feed and water supplies, maintain good drainage around the shelter, and monitor cattle closely for signs of stress or illness.

Poultry

- Maintain dry litter inside sheds using lime/bleaching powder.
- Prevent rainwater entry and ensure proper ventilation.
- Strengthen sheds against heavy winds and avoid overcrowding

Post Event Agromet Advisories for north coastal Andhra Pradesh & adjoining south Odisha

Odisha

1. AMFU Malakangiri (Koraput, Nabarangpur & Malkangiri)

- Watch for lodging (fallen plants) in rice; do not try to stand up heavily lodged crop it may break. Focus on disease management.
- Check for lodging and exposed roots after heavy rain; provide support where feasible in maize.
- Do not apply urea immediately after heavy rainfall while the soil remains saturated in maize
- Avoid walking through wet crop fields unnecessarily as it can cause soil compaction and root disturbance.
- Re-build or earth-up washed-away soil around exposed rhizomes once topsoil firming allows, preventing sunscald and root exposure

2. AMFU Bhubaneswar (Jagatsinghpur, Kendrapara, Puri & Khordha)

- Avoid intercultural operations and movement of machinery in excessively wet fields to prevent soil compaction and crop damage.
- High humidity and prolonged leaf wetness after heavy rainfall can increase fungal and bacterial disease risk. So, monitor crops closely for leaf spots, rotting, wilting and stem/root diseases.
- If symptoms of wilt or root rot are observed, to manage this after completion of rainfall, during clear weather conditions drench the root zone with Metalaxyl 8% + Mancozeb 64% WP @ 20 g per 10 litres of water and ensure proper field drainage to check further disease spread.
- Drain out water from fish pond to decrease water level by 2-3 feet. Heavy rainfall may decrease the salinity of water in the pond. Farmers are advised to apply alky-dimethyl-

benzyl ammonium chloride (3ppm) as a disinfectant after cessation of rain.

3. AMFU Kendujhar (Kendujhar and Mayurbhanj)

- Farmers are advised to clear drainage channels and remove excess water from the field.
- Vegetables like brinjal, tomato, chilli, pumpkin etc. may get rotten if water stagnation persists. It is advised to clear the water logging near the crop root zone.
- Provide support to the banana crops if got damaged/broken. Collect the banana bunches.
- After the rainfall, incidence of diseases and pests may surge. Spraying of insecticides and pesticides can be resume in dry weather only.
- In paddy crops, make the bunds firm, and drain out excess water from the field.
- Weeding should be done after soil gets little bit drier.
- Farmers should be prepared for their resowing, fertilizer application and pesticide spray after the weather gets clear and normal

5. AMFU Bhavanipatna (Kalahandi, Naupara)

- Stabilize rain-affected and injured newly planted fruit plants and vegetables by providing staking with bamboo sticks to prevent further lodging or mechanical damage.
- Inspect trellis systems in climbing vegetables and reinforce or provide additional support wherever necessary.
- Prune damaged branches and shoots from fruit and vegetable crops and undertake earthing up around the root zone to improve plant stability and root anchorage.
- Apply water-soluble NPK fertilizer as a foliar spray on a need basis after receding of rain to facilitate recovery from physiological stress caused by heavy rainfall on standing crops.
- It is advised to spray 100 g Magnesium sulphate mixed with 100 g urea in 10 liters of water in waterlogged areas to reduce leaf reddening in cotton.
- Spray a 2% salt solution (20 g salt in 1 liter of water) on early-maturing paddy varieties after rainfall stops to reduce the possibility of grain sprouting in the field.

Andhra Pradesh

➤ 1. AMFU Anakapalle (Srikakulam, Vizianagaram, Anakapalle and Visakapatnam)

- Make arrangements for draining out excess water from the fields in Paddy, Ragi, Red gram /Green gram /Black gram, Maize, Groundnut, Cotton, Sugarcane, Banana, Papaya and Vegetables.
- As a booster dose apply 20kg urea + 20 kg potash fertilizer in rice.
- After draining water, spray 2% urea or 1% potassium nitrate in maize.
- After one week of draining out water, spray 1% 19:19:19 or 1-2% potassium nitrate if crop is at vegetative or flowering stage in pulses.
- After draining water apply 20 kg urea+ 10 kg murate of potash / acre as booster dose to red gram.
- After recession of rains, drain the water in water logged fields and apply 25 kg urea and 25 kg potash as top dressing by pocket method as booster dose in sugarcane.
- After recession of rains spray 1-2% potassium nitrate twice at 7 days interval in

cotton

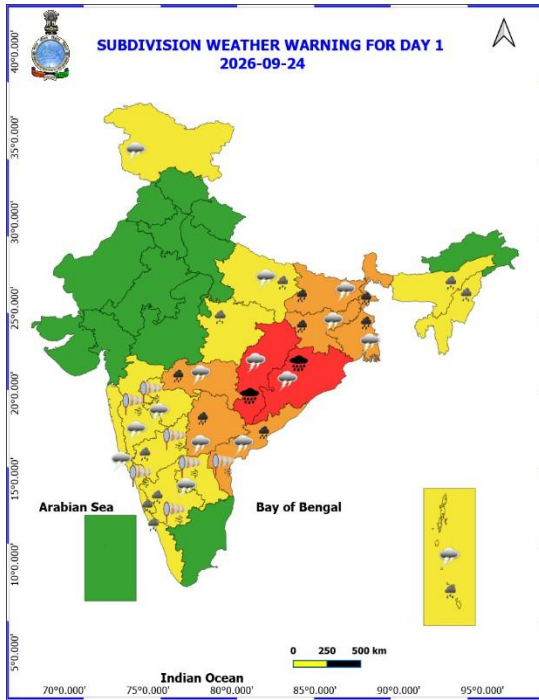
- Lift and go for earthing up if the small mango trees which were partially fallen.

Telangana

1. AMFU Jagtiyal (Peddapalli, Jayashankar Bhupalapally, Mulugu, Bhadrachalam, Kothagudem, Khammam, Mahabubabad)

- After cessation of rainfall, observe for symptoms of BLB in rice. If symptoms are found, Spray with Plantamycin @ 0.4 gm per litre of water.
- After rainfall phosphorus deficiency may develop in the soil of maize turning pale or purplish spray the crop with 19-19-19 @ 5 gm. Or DAP @ 20 gm. per 1 litre of water.
- In cotton spray 10 gm. Polyfeed (19:19:19) or Multi-K or Urea per litre of water for about two to three times at one week interval for quick recovery of the crop.
- After cessation of rainfall, monitor the crop for the symptoms of root rot. If the symptoms are found, drench with Copper Oxychloride @ 3 gm. per litre of water during clear sky.
- Post rains, If the symptoms of Leaf spot and Leaf blotch are seen in ginger / turmeric, spray Triflozystrobin + Tebuconazole @ 0.4 gm per litre of water for about two times at 15 days interval during clear sky

Weather Warning Graphics



COLOUR CODED WARNING

No Warning (No Action)

Watch (Be Aware)

Alert (Be Prepared To Take Action)

Warning (Take Action)

