



Government of India
Ministry of Earth Sciences
India Meteorological
Department
Meteorological Centre
Bhubaneswar, Odisha-751020



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ଭାରତସରକାର
ପୃଥିବୀବିଜ୍ଞାନମନ୍ତ୍ରାଳୟ
ଭାରତପାଣିପାଗବିଭାଗ
ପାଣିପାଗକେନ୍ଦ୍ର
ଭୁବନେଶ୍ୱର-୭୫୧୦୨୦

MIDDAY WEATHER BULLETIN

DATE 01.12.2021
TIME OF ISSUE: 1300 HRS IST

METEOROLOGICAL FEATURES AND OBSERVATIONS:

◆ The Low Pressure Area over central parts of Andaman Sea & neighbourhood with the associated cyclonic circulation extending upto mid-tropospheric levels persists. It is likely to move west-northwestwards and concentrate into a Depression by tomorrow, the 2nd December and further intensify into a cyclonic storm over Central Bay of Bengal during subsequent 24 hours. It likely to move northwestwards, intensify further and reach near north Andhra Pradesh-Odisha coasts by the morning of 4th December, 2021.

Dry weather prevailed over the districts of Odisha. Dense fog has occurred at one or two places over the districts of **KANDHAMAL & GAJAPATI** of South Odisha. Shallow to moderate fog has occurred at one or two places over the districts of **KALAHANDI, KORAPUT & MALKANGIRI** of South Interior Odisha.

Minimum temperatures observed appreciable fall at one or two places over South Interior Odisha and no large change at elsewhere over Odisha. They were below normal at one or two places over Interior Odisha and normal at elsewhere over Odisha. The highest maximum temperature of **30.0°C** was recorded at **MALKANGIRI** and the lowest minimum temperature of **08.5°C** was recorded at **PHULBANI** in the plains of Odisha.

Weather forecast and warning for districts of Odisha for next five days:

Days	Forecast	Warning
Day-1 (valid up to 0830 hrs IST of 02.12.2021).	Dry weather most likely to prevail over the districts of Odisha.	NIL
Day-2 (valid from 0830 hrs IST of 02.12.2021 up to 0830 hrs IST of 03.12.2021).	Light rain or thundershower likely to occur at one or two places over the districts of Ganjam, Gajapati, Puri and dry weather very likely to prevail over the rest districts of Odisha.	NIL
Day-3 (valid from 0830 hrs IST of 03.12.2021 up to 0830 hrs IST of 04.12.2021).	Light to moderate rain or thundershower very likely to occur at many places over the districts of south coastal Odisha and at a few places over the rest districts of Odisha.	YellowWarning (Be updated): Heavy rainfall very likely to occur at one or two places over the districts of Gajapati, Ganjam, Puri, Jagatsinghpur.
Day-4 (valid from 0830 hrs IST of 04.12.2021 up to 0830 hrs IST of 05.12.2021).	Light to moderate rain or thundershower very likely to occur at most places over districts of Coastal Odisha and at many places over the districts of Interior Odisha	Red warning (Take action) Heavy to very heavy rainfall very likely to occur at a few places with extremely heavy (>20cm) falls at one or two places over the districts of Gajapati, Ganjam, Puri, Jagatsinghpur.

		<p>Orange warning (Be prepared) Heavy to very heavy rainfall very likely to at one or two places over the districts of Kendrapada, Cuttack, Khordha, Nayagarh, Kandhamal, Rayagada and Koraput .</p> <p>Yellow Warning (Be updated) Heavy rainfall very likely to occur at one or two places over the districts of Balasore, Bhadrak, Jajpur, Malkangiri.</p>
<p>Day-5 (valid from 0830 hrs IST of 05.12.2021 up to 0830 hrs IST of 06.12.2021).</p>	<p>Light to moderate rain or thundershower very likely to occur at most places over districts of North Coastal Odisha and at many places over the rest districts of Odisha</p>	<p>Orange warning (Be prepared) Heavy to very heavy rainfall very likely to occur at one or two places over the districts of Mayurbhanj, Balasore, Bhadrak, Kendrapada, Jagatsinghpur, Jajpur, Cuttack and Puri.</p> <p>Yellow Warning (Be updated): Heavy rainfall very likely to occur at isolated places over the districts of Keonjhar, Angul, Dhenkanal, Nayagarh, Khordha, Ganjam and Gajapati .</p>
<p>Outlook for subsequent two days</p>	<p>DECREASE IN RAINFALL</p>	

IMPACT & ACTION SUGGESTED:

- i) Localized flooding /Water logging and inundation in low lying areas.
- ii) Minor Damage to Kutchha roads and vulnerable structure and wall collapsed of vulnerable kutchha houses
- iii) Temporary disruption of municipal services, Water logging in underpass road and occasional reduction of visibility causing traffic congestion in urban areas.
- iv) Damage to horticulture/standing crops in some areas due to inundation.
- v) Localized Landslides in hilly areas.
- vi) Avoid staying in vulnerable structure and movement in affected areas.
- vii), Complete harvest of matured paddy crop and the harvested paddy should be shifted to safer places. Also harvest the rabi vegetables like cauliflower and cabbage if heads are ready to use.
- viii) Do arrangement for Drainage of excess water from standings crops in growing stage and vegetable fields.
- ix) Postpone sowing of rabi crop like Green gram, black gram and Mustard and vegetables like potato, Onion and coriander.
- x) Provide support to young fruit plants like Papaya and Banana and vegetables like ridge gourd. Cover the vegetable nursery with white polythene.
- xi) Keep the livestock indoors during rainfall if possible keep them loose inside the shed. Keep feed for 3-5 days, in case of any emergency.
- xii) It may lead to riverine flooding in some river catchments(Nagavali, Rushikulya, Vanshadhara) (for riverine flooding please visit Web page of CWC)

WIND WARNING:

Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to commence along & off Odisha coasts from the mid-night of 3rd December and increase gradually becoming 70-80 kmph gusting to 90 kmph from 4th morning, for the subsequent 12 hours.

Temperature Forecast : No large change in Minimum temperature (night temperature) during next 24 hours and gradual rise by 3-5°C thereafter over the districts of Odisha.

Farmers weather bulletin (for next 24 hours):

Dry weather most likely to prevail over the districts of Odisha.

Farmers warning (for next 24 hours): NIL

Forecast for Bhubaneswar and n/hood valid for the next 24 hours:

Mainly clear sky. Maximum and Minimum temperature very likely to be around **29°C** and **16°C** respectively.

Observations of Bhubaneswar recorded at 0830 hours IST of 01.12.2021

Temperature (°c)		Relative humidity (%)		Rainfall (mm)
Maximum	Minimum	Maximum	Minimum	
28.2	15.6	96	46	0.0

Weather warning for fishermen of Odisha coast valid for next 05 days commencing from 1400 hrs IST on date 01.12.2021

Day 1: NIL

Day 2 to Day 5: Under the influence of above system, squally wind speed reaching 50-60 kmph gusting to 70 kmph over southeast & adjoining east-central Bay of Bengal, on 2nd December. Gale winds speed reaching 65-75 kmph gusting to 85 kmph likely to prevail over central Bay of Bengal from the early morning of 3rd December and gradually increase becoming 90-100 kmph gusting to 110 kmph over northwest & adjoining west-central Bay of Bengal from the morning of 4th December for the subsequent 24 hours.

Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to commence along & off North Andhra Pradesh – Odisha coasts from the mid-night of 3rd December and increase gradually becoming 70-80 kmph gusting to 90 kmph from 4th morning, for the subsequent 12 hours.

Sea condition would become very rough to High over southeast & adjoining east-central Bay of Bengal on 2nd December. Sea condition would be High over central Bay of Bengal on 3rd December and High to very High over west-central & northwest Bay of Bengal from the early morning of 4th December for the subsequent 24 hours.

Sea condition will be rough to very rough over along & off North Andhra Pradesh – Odisha coast from the mid-night of 3rd December and become High to very High from 4th Afternoon, for the subsequent 12 hours.




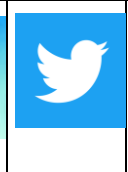


Fishermen are advised not to venture into southeast & adjoining east-central Bay of Bengal on 2nd & 3rd December, west-central & adjoining northwest Bay of Bengal and along & off north Andhra Pradesh - Odisha- West Bengal coasts during 3rd - 5th December 2021.

Fishermen whoever out at Sea are advised to return to coast by the morning of 2nd December 2021.

N.B:Spatial rainfall distribution: ONE OR TWO :=< 25%, a few: 26-50%, Many: 51-75%, Most: 76-100%

Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more. Probabilistic forecast: Unlikely =< 25%, likely 26-50%, Very likely 51-75%, Most likely > 75%.

***Kindly download and use “MAUSAM App” for location specific forecast and warning, “Meghdoot App” for Agromet advisory and “Damini App” for Lightning warning. Follow us on twitter @mcbbsr,facebookMC Bhubaneswarand Telegram channel METEOROLOGICAL CENTRE BHUBANESWAR for regular weather updates.**

					
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