

## ସମ୍ଭାବ୍ୟ ଅଦିନିଆ ବର୍ଷା ପରିପ୍ରେକ୍ଷୀରେ ଫସଲ ପରିଚାଳନା ପାଇଁ ପରାମର୍ଶ

ତା. ୧୪.୧୧.୨୦୨୩

ବଙ୍ଗୋପସାଗରରେ ସମ୍ଭାବ୍ୟ ଲଘୁଚାପ ପ୍ରଭାବରେ ଆମ ରାଜ୍ୟର କେତେକ ଜିଲ୍ଲାରେ ଆସନ୍ତା ୧୫ ରୁ ୧୮ ତାରିଖ ମଧ୍ୟରେ ବର୍ଷାର ସମ୍ଭାବନା ଥିବାରୁ ଫସଲ ପରିଚାଳନା ପାଇଁ ନିମ୍ନୋକ୍ତ ପରାମର୍ଶ ପ୍ରଦାନ କରାଯାଉଅଛି ।

### ଓଡ଼ିଶାର ଉପକୂଳବର୍ତ୍ତୀ ଜିଲ୍ଲାମାନଙ୍କ ପାଇଁ

ଧାନ

- ବର୍ଷା ଆରମ୍ଭ ପୂର୍ବରୁ ଧାନକେଣ୍ଡା ୮୫ଭାଗ ପାଟି ଯାଇଥିବା ଧାନକୁ କାଟି ନେଇ ଅମଳ କରି ସୁରକ୍ଷିତ ସ୍ଥାନରେ ରଖନ୍ତୁ ।
- କଟା ହୋଇଯାଇଥିବା ଧାନକୁ ବେଙ୍ଗଳା କରି ଦିଅନ୍ତୁ କିମ୍ବା ସମସ୍ତ କଟା ଧାନ ଅମଳ ସମ୍ଭବ ନ ହେଲେ ସୁରକ୍ଷିତ ସ୍ଥାନରେ ପାଲ କିମ୍ବା ପଲିଥିନ ଘୋଡାଇ ରଖନ୍ତୁ ।
- ବିଲମ୍ବ କିସମ ଧାନ ଜମିରୁ ବଳକା ପାଣି ନିଷ୍କାସନ କରିବା ପାଇଁ ନାଲି କରନ୍ତୁ ଓ ନାଲି ମୁହଁ ଖୋଲା ରଖନ୍ତୁ ।
- ଧାନ କାଟି ବିଲରେ ସୁଖାନ୍ତୁ ନାହିଁ ।
- ଧାନ ଗଛ ପଡ଼ି ଯାଇଥିଲେ ବର୍ଷା ପରେ ହଳା କରି ଠିଆ କରନ୍ତୁ ।
- ବର୍ଷା ଛାଡ଼ି ଖରା ପାଗ ହୋଇଗଲା ପରେ କେଣ୍ଡା କଟା ପୋକ ଲାଗିବାର ସମ୍ଭାବନା ରହିଛି । ଏହାର ନିୟନ୍ତ୍ରଣ କରିବା ପାଇଁ ସନ୍ଧ୍ୟା ସମୟରେ ପ୍ରତି ଲିଟର ପାଣିରେ ୧.୫ ମି.ଲି. ହିସାବରେ ଲାମ୍ବଡା ସାଇହାଲୋଥ୍ରୀନ କିମ୍ବା ୨ମି.ଲି. ହିସାବରେ (କ୍ଲୋରୋପାଇରିଫସ +ସାଇପରମେଥ୍ରୀନ) ଫସଲ ଓ ହୁଡା ଚାରିପଟେ ସିଞ୍ଚନ କରନ୍ତୁ ।

ମାଣ୍ଡିଆ

- ଅମଳ ଉପଯୋଗୀ ମାଣ୍ଡିଆ ଫସଲକୁ କାଟି ସୁରକ୍ଷିତ ରଖନ୍ତୁ ।

ପନିପରିବା

- ପନିପରିବା ତଥା ରବି ଫସଲରେ ଜଳ ନିଷ୍କାସନ କରିବାପାଇଁ ତୁରନ୍ତ ଆବଶ୍ୟକୀୟ ପଦକ୍ଷେପ ନିଅନ୍ତୁ ।
- ଲଘୁଚାପ ପ୍ରଭାବରେ ବର୍ଷା ସମ୍ଭାବନା ଥିବା ଅଞ୍ଚଳରେ ରବି ଫସଲ ଲଗାଇବା କିମ୍ବା ବୁଣିବା ସାମୟିକ ସ୍ଥଗିତ ରଖନ୍ତୁ ।
- କୀଟନାଶକ ଔଷଧ ସିଂଚନ ଓ ଜଳସେଚନ ସାମୟିକ ବନ୍ଦ ରଖନ୍ତୁ ।
- ବର୍ତ୍ତମାନ ମୂଳା, ବିନ୍ଦୁସ, କୋଶଳା, ଧନିଆ, ପାଳଙ୍ଗ ଆଦି ଅମଳ ପାଇଁ ଉପଯୁକ୍ତ ହୋଇଥିଲେ ଅମଳ କରି/ତୋଳି ବିକ୍ରୟ କରନ୍ତୁ ।
- ବାଇଗଣ, ବିଲାତି ବାଇଗଣ, ଫୁଲକୋବି, ବନ୍ଧାକୋବି, ବ୍ରୋକୋଲି ଓ କାପସିକମ ଆଦି ଫସଲର ଡଳି ଘେରାରେ ଧଳା ଜରି ଓ ବାଉଁଶ ଢେରା ଦେଇ ଘୋଡାଇ ବର୍ଷା ଦାଉରୁ ରକ୍ଷା କରନ୍ତୁ ।
- ବର୍ଷା ପରେ ପନିପରିବା ଫସଲ ଛୋଟ ଅବସ୍ଥାରେ ଥିଲେ ଓ ବର୍ଷା ହେତୁ ଗଛର ପତ୍ର ମାଟିରେ ପୋତି ହୋଇଥିଲେ ପତ୍ର ଗୁଡ଼ିକୁ ଛିଣ୍ଡାଇ ଦିଅନ୍ତୁ ।
- ବର୍ଷା ପରେ ପନିପରିବା ଫସଲରେ ମୂଳସତ୍ତା ଓ ଝାଉଁଳା ରୋଗ ଲାଗିବାର ସମ୍ଭାବନା ଥିବାରୁ ବର୍ଷା ଛାଡ଼ିଗଲା ପରେ ପ୍ରତି ୧୦ ଲିଟର ପାଣିରେ ୧.୫ ଗ୍ରାମ ସ୍ପ୍ରେୟୋସାଇକ୍ଲିନ ଓ ୨୦ଗ୍ରାମ (ମେଟାଲିକ୍ସିଲ + ମାକୋଜେବ) ମିଶାଇ ଫସଲର ମୂଳ ଭାଗକୁ ସିଞ୍ଚନ କରନ୍ତୁ ।
- ବିଲାତି ବାଇଗଣ ଓ କୋବି ଜାତୀୟ ଫସଲରେ ଧୂଆଁପତ୍ର ଗୋଟିପୋକ ଲାଗିବାର ସମ୍ଭାବନା ଥିବାରୁ ଏକର ପ୍ରତି ୩୦୦ ମି.ଲି. ଲାମ୍ବଡା ସାଇହାଲୋଥ୍ରୀନ ୪.୯ ସି.ଏସ. କୀଟନାଶକ ଔଷଧକୁ ୨୦୦ ଲିଟର ପାଣିରେ ମିଶାଇ ସିଂଚନ କରନ୍ତୁ । ପରବର୍ତ୍ତୀ ଅବସ୍ଥାରେ ଏକର ପ୍ରତି ୭୦ ମି.ଲି. ଫ୍ଲୁବେକ୍ସିଆମାଇଡ ୩୯.୩୫ ଏସ.ସି.

କିମ୍ବା ୮୦ ଗ୍ରାମ ଇମାନେକ୍ଲିନ ବେଞ୍ଜୋଏଟ କୀଟନାଶକ ଔଷଧ ସିଞ୍ଚନ କରନ୍ତୁ ।

- ଏବେ ବିଭିନ୍ନ ଜିଲ୍ଲାରେ ଆଜୁ ବିହନ ଲଗା ଚାଲିଛି । ବର୍ଷାର ପରିମାଣକୁ ଦେଖି ସାମୟିକଭାବେ ସ୍ଥଗିତ ରଖନ୍ତୁ ଏବଂ ଲଗାଯାଇଥିବା ଜମିରେ ନାଲି କାଟି, ନାଲି ମୁହଁ ଖୋଲା ରଖନ୍ତୁ ।

#### ଓଡ଼ିଶାର ଆଭ୍ୟନ୍ତରୀଣ ଜିଲ୍ଲାମାନଙ୍କ ପାଇଁ

- ଅମଳ ଧାନକୁ ସୁରକ୍ଷିତ ସ୍ଥାନରେ ରଖନ୍ତୁ ।
- ଖରିଫ ଧାନ ୮୫ଭାଗ ପାଟି ଯାଇଥିଲେ ଅମଳ କରି ସୁରକ୍ଷିତ ସ୍ଥାନରେ ସାଇତି ରଖନ୍ତୁ ।
- ଧାନ କାଟି ବିଲରେ ସୁଖାନ୍ତୁ ନାହିଁ ।

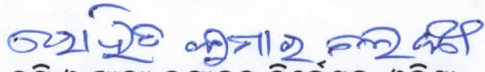
#### କପା

- ଅମଳ ଉପଯୋଗୀ କପା ଫସଲକୁ ଅତି ଶୀଘ୍ର ଅମଳ କରନ୍ତୁ ଏବଂ ସୁରକ୍ଷିତ ସ୍ଥାନରେ ସାଇତି ରଖନ୍ତୁ ।

#### ଡାଲିଜାତୀୟ ଫସଲ

- ମୁଗ, ବିରି ଆଦି ଫସଲ ଥିବା ଚାଷ ଜମିରୁ ପାଣି କାଟିବାର ବ୍ୟବସ୍ଥା କରନ୍ତୁ ।
- ବର୍ଷା ପରବର୍ତ୍ତୀ ସମୟରେ ରୋଗପୋକ ସର୍ବେକ୍ଷଣ କରି ଉପଯୁକ୍ତ ରୋଗପୋକ ନିରୋଧକ ଔଷଧ ବ୍ୟବହାର କରନ୍ତୁ ।

ବି.ଦ୍ର. ଅଧିକ ସୂଚନା ପାଇଁ ନିକଟସ୍ଥ କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର, ଆଞ୍ଚଳିକ କୃଷି ଗବେଷଣା କେନ୍ଦ୍ର, କୃଷି ଅଧିକାରୀ ଓ ଆମକୃଷି ଦେୟମୁକ୍ତ ନମ୍ବର ୧୫୫୩୩୩୩ ସହ ଯୋଗାଯୋଗ କରନ୍ତୁ ।

  
କୃଷି ଓ ଖାଦ୍ୟ ଉତ୍ପାଦନ ନିର୍ଦ୍ଦେଶକ, ଓଡ଼ିଶା

  
ଅଧ୍ୟକ୍ଷ

ସଂପ୍ରସାରଣ ଶିକ୍ଷା ନିର୍ଦ୍ଦେଶାଳୟ, ଓୟୁଏଟି

**SPECIAL BULLETIN**  
(No. BOB 2023/14/02)

Date: 14<sup>th</sup> November 2023

Time: 1330 Hrs IST

**Sub: Low Pressure Area over Southeast Bay of Bengal and adjoining Andaman & Nicobar Island & heavy rainfall activity over the districts of Odisha.**

**Meteorological features:**

Under influence of the yesterday's upper air cyclonic circulation a low pressure area has formed over Southeast Bay of Bengal and adjoining Andaman & Nicobar Islands today morning with the associated cyclonic circulation extending upto upper tropospheric levels and now persists over the same region at 0830 hours IST of today, the 14th November.

It is likely to move west-northwestwards and intensify into a Depression over Westcentral Bay of Bengal on 15th November, 2023. Thereafter, it would move northwestwards and may intensify into a Deep Depression over Westcentral Bay of Bengal off Andhra Pradesh coast on 16th November. Subsequently, it would recurve north-northeastwards and reach Northwest Bay of Bengal off Odisha coast on 17th November.

**Rainfall forecast:**

**Day-1** : (Valid up to 0830 Hrs IST of 15.11.23)

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

**Day-2** : (Valid from 0830 Hrs IST of 15.09.2023 to 0830 Hrs IST of 16.09.2023)

**Light to moderate rain/ thundershower** very likely to occur at a few places over the districts of **Puri, Jagatsinghpur, Khordha, Ganjam, Gajapati, Rayagada, Koraput**, at one or two places over the districts of **Nawarangpur, Malkangiri, Kendrapada, Bhadrak, Nayagarh, Kandhamal, Kalahandi, Cuttack** & dry weather very likely to prevail over the rest districts of Odisha.

**Day-3** : (Valid from 0830 Hrs IST of 16.09.2023 to 0830 Hrs IST of 17.09.2023)

**Light to moderate rain/ thundershower** very likely to occur at most places over the districts of **Ganjam, Puri, Jagatsinghpur, Kendrapada, Bhadrak, Cuttack, Khordha, Nayagarh**, at many places over the districts of **Balasore, Gajapati, Dhenkanal, Mayurbhanj, Keonjhar, Jajapur**, at a few places over the districts of **Angul, Boudh, Kandhamal, Kalahandi** and at one or two places over the rest districts of Odisha .

**Day -4**:(Valid from 0830 Hrs IST of 17.09.2023 to 0830 Hrs IST of 18.09.2023)

**Light to moderate rain/ thundershower** very likely to occur at most places over the districts of **Balasore, Badhrak, Mayurbhanj, Jajpur**, at many places over the districts of **Kendrapada, Keonjhar, Dhenkanal, Jagatsinghpur, Cuttack, Khordha, Puri**, at a few places over the districts of **Angul, Sundergarh, Deogarh**, at one or two places over the districts of **Jagatsinghpur, Sambalpur, Ganjam, Boudh, Kandhamal** & dry weather very likely to prevail over the rest districts of Odisha.

**Day -5**:(Valid from 0830 Hrs IST of 18.09.2023 to 0830 Hrs IST of 19.09.2023)

**Light to moderate rain/ thundershower** very likely to occur at one or two places over the districts of **Mayurbhanj, Balasore, Bhadrak, Kendrapada, Jajpur, Keonjhar** & dry weather very likely to prevail over the rest districts of Odisha.

**Warning for next five days as follows:**

Days	Warning
<b>Day-1 to Day 2:</b> (Valid up to 0830 Hrs IST of 16.11.23)	<b><u>NIL</u></b>

<b>Day-3:</b> (Valid from 0830 Hrs IST of 16.11.2023 to 0830 Hrs IST of 17.11.2023)	<b>Yellow Warning (Be updated)</b> <b>Heavy to very heavy rainfall (7 to 20cm)</b> very likely to occur at a few places over the districts of <b>Jagatsinghpur, Kendrapada, Puri</b> and <b>heavy rainfall (7 to 11cm)</b> very likely to occur at <b>isolated</b> places over the districts of <b>Ganjam, Khordha, Bhadrak, Cuttack, Jajpur, Balasore, Mayurbhanj, Keonjhar and Dhenkanal.</b>
<b>Day-4:</b> (Valid from 0830 Hrs IST of 17.09.2023 to 0830 Hrs IST of 18.09.2023)	<b>Yellow Warning (Be updated)</b> <b>Heavy Rainfall (7 to 11cm)</b> very likely to occur at <b>isolated</b> places over the districts of <b>Mayurbhanj, Keonjhar, Balasore, Bhadrak, Jajpur, Dhenkanal, and Kendrapada.</b>
<b>Day-5:</b> (Valid from 0830 Hrs IST of 18.11.2023 to 0830 Hrs IST of 19.11.2023)	<b><u>NIL</u></b>

### Impact & Action Suggested:

#### Agriculture Advisory:

In view of rainfall activity over coastal districts of Odisha, ongoing harvesting of matured paddy crops and vegetables may be completed and harvested paddy crops (early to medium duration variety), vegetables may be kept in safe place.

#### Wind warning :

Date	Winds
15 <sup>th</sup> Nov, 2023	<b>Squally weather with gusty surface wind</b> speed reaching 40-50 kmph is very likely over Westcentral Bay of Bengal.
16 <sup>th</sup> Nov, 2023	<b>Squally wind</b> speed reaching <b>45-55 kmph gusting to 65 kmph</b> likely over West central Bay of Bengal adjoining Northwest Bay of Bengal, off Odisha coast.
17 <sup>th</sup> to 18 <sup>th</sup> Nov, 2023	<b>Squally wind</b> speed reaching <b>45-55 kmph gusting to 65 kmph</b> likely along and off Odisha coast, and <b>50-60 kmph gusting to 70 kmph</b> over Northwest and adjoining West central Bay of Bengal.

### Fishermen warning:

**Fishermen are advised not to venture into sea during above mentioned dates to the respective regions till further notice.**

**FISHERMEN WHOEVER IN DEEP SEA AREA ARE ADVISED TO RETURN TO COAST BY NIGHT OF 14<sup>TH</sup> NOVEMBER, 2023.**

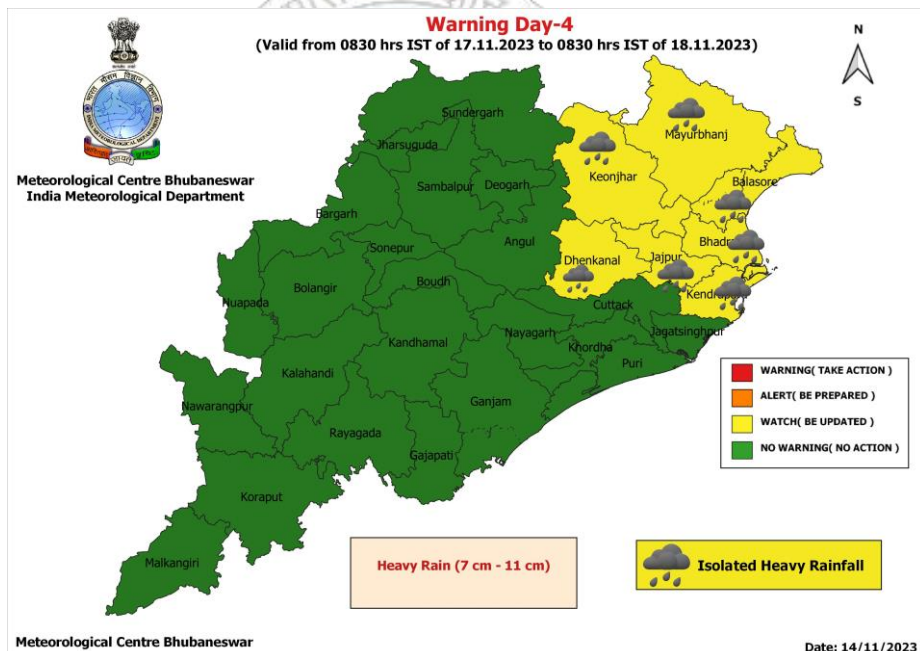
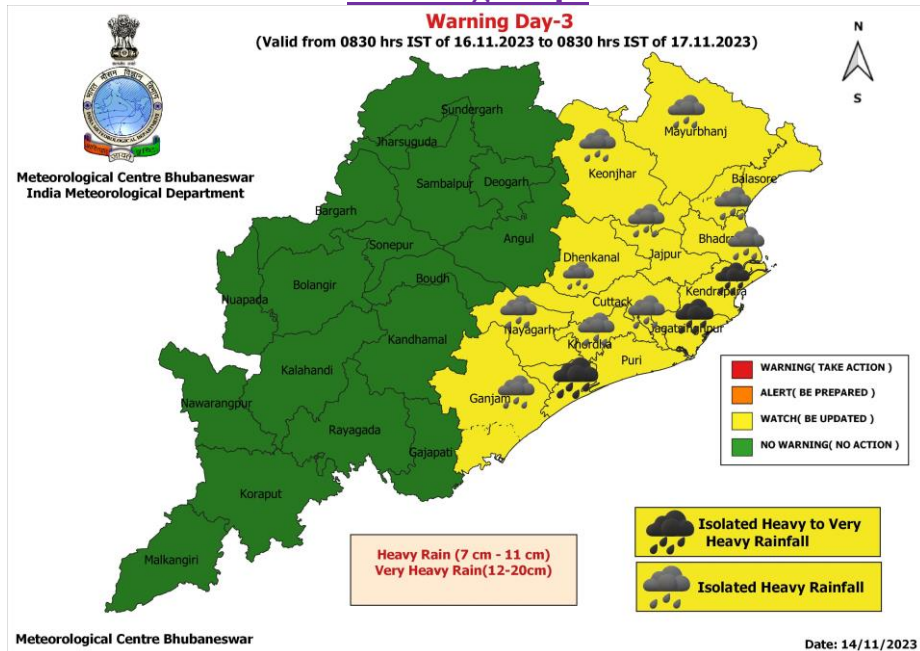
**N.B: 1. SPATIAL RAINFALL DISTRIBUTION: ISOLATED :=< 25%, A FEW: 26-50%, MANY: 51-75%, MOST: 76-100%, RAINFALL AMOUNT (MM): HEAVY RAIN: 64.5 – 115.5, VERY HEAVY RAIN: 115.6 – 204.4, EXTREMELY HEAVY RAIN: 204.5 OR MORE. PROBABILISTIC FORECAST: UNLIKELY =< 25%, LIKELY 26-50%, VERY LIKELY 51-75%, MOST LIKELY > 7**

UMASANKAR DAS,  
SCIENTIST-D,  
MET .CENTRE BHUBANESWAR

To

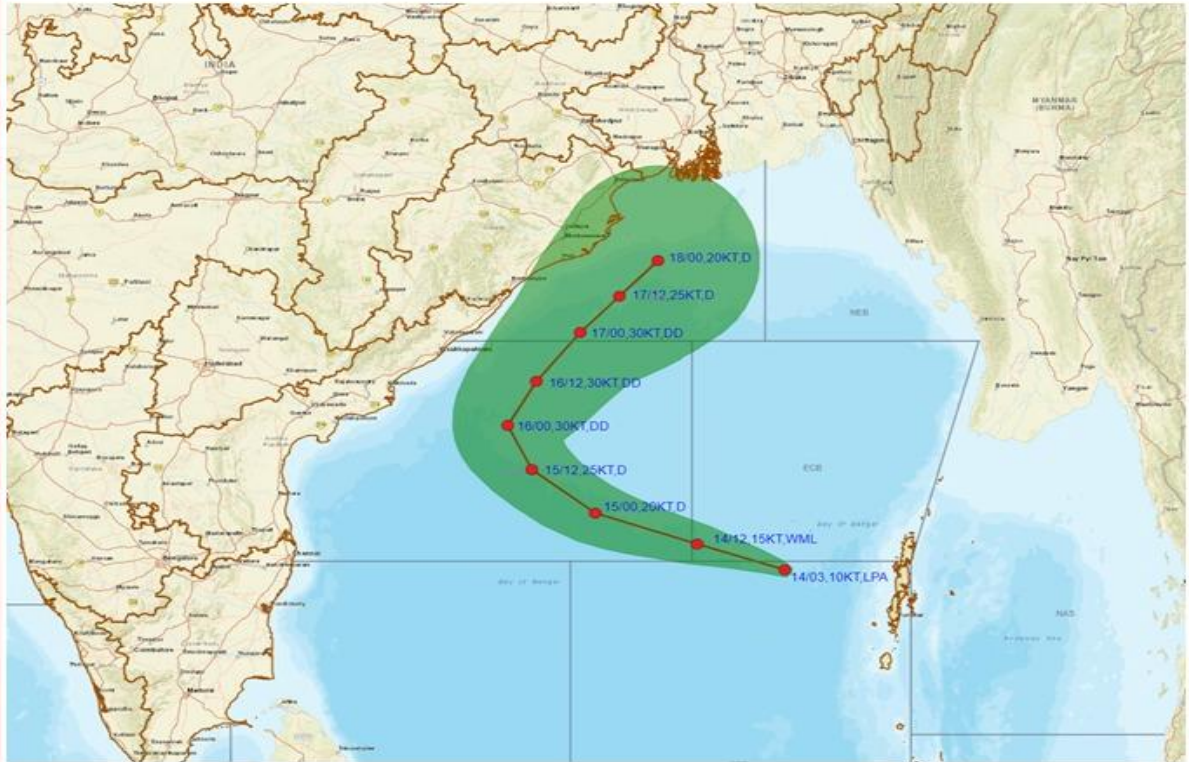
1. PRINCIPAL SECRETARY, REVENUE & DISASTER MANAGEMENT, GOVT. OF ODISHA.
2. PRINCIPAL SECRETARY, DEPT. OF AGRICULTURE, GOVT. OF ODISHA.
3. PRINCIPAL SECRETARY, DEPARTMENT OF WATER RESOURCES, GOVT, OF ODISHA.
4. SPECIAL RELIEF COMMISSIONER (SRC), GOVT. OF ODISHA BHUBANESWAR.
5. REVENUE SECRETARY, GOVT. OF ODISHA, BHUBANESWAR.
6. M.D., OSDMA, GOVT. OF ODISHA, BHUBANESWAR.
7. RDC, CENTRAL DIVISION/ SOUTHERN DIVISION/ NORTHERN DIVISION.
8. AIR CUTTACK / DOORDARSHAN.

### Warning Maps





**PREGENESIS TRACK FORECAST IN ASSOCIATION WITH LOW PRESSURE AREA OVER SOUTHEAST BAY OF BENGAL AND ADJOINING ANDAMAN & NICOBAR ISLANDS BASED ON 0300 UTC (0830 IST) OF 14<sup>TH</sup> NOVEMBER 2023.**



DATE/TIME IN UTC  
 IST=UTC + 0530  
 L: LOW PRESSURE AREA  
 WML: WELL MARKED LOW PRESSURE AREA  
 D: DEPRESSION (17-27 KT)  
 DD: DEEP DEPRESSION (28-33 KT)  
 CS: CYCLONIC STORM (34-47 KT)  
 SCS: SEVERE CYCLONIC STORM (48-63KT)  
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)  
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)  
 SuCS: SUPER CYCLONIC STORM ( $\geq$  120 KT)

- LESS THAN 34 KT
- 34.47 KT
- $\geq$  48 KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY



**PREGENESIS TRACK FORECAST ALONG WITH QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH LOW PRESSURE AREA OVER SOUTHEAST BAY OF BENGAL AND ADJOINING ANDAMAN & NICOBAR ISLANDS BASED ON 0300 UTC (0830 IST) OF 14<sup>TH</sup> NOVEMBER 2023.**



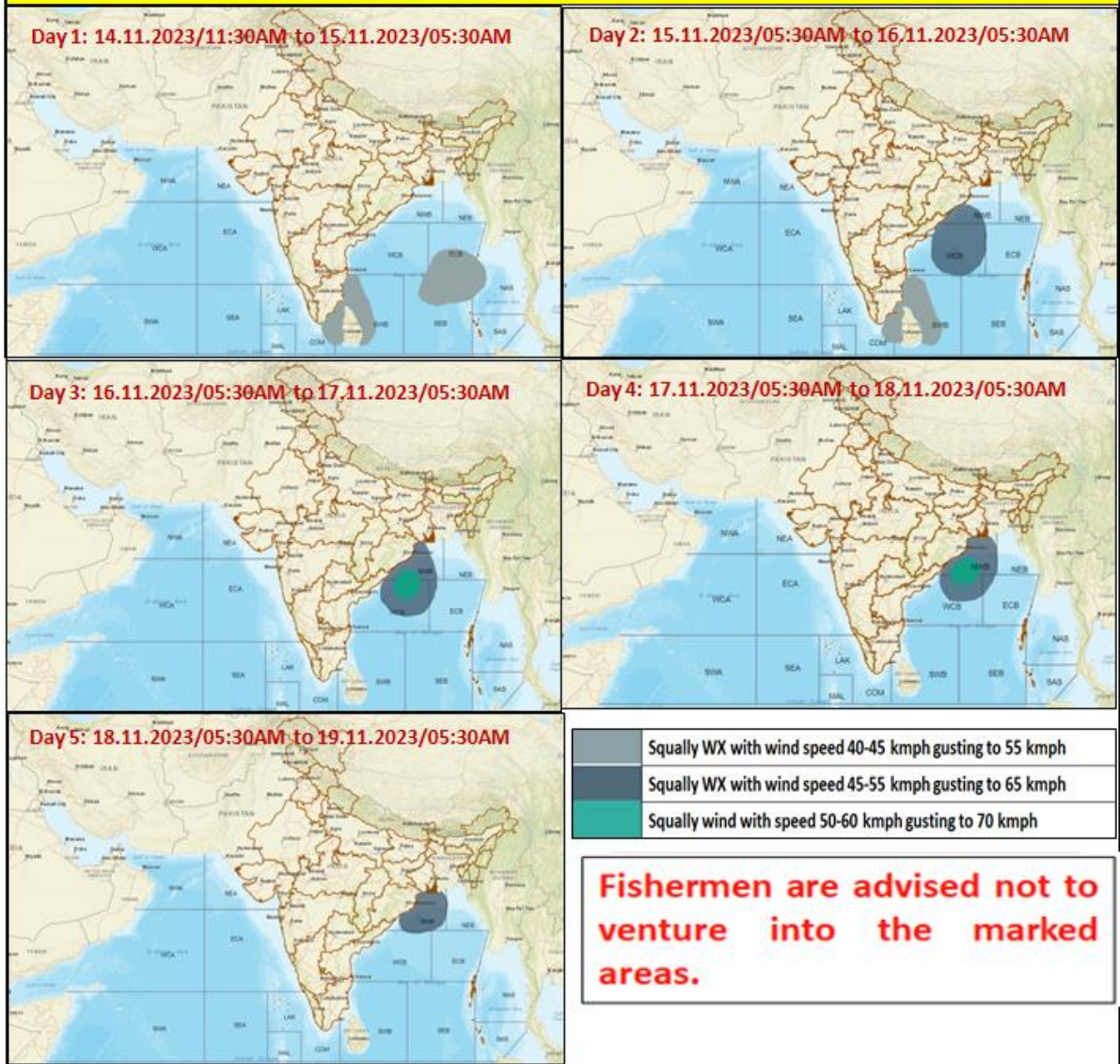
DATE/TIME IN UTC  
 IST=UTC + 0530  
 L: LOW PRESSURE AREA  
 WML: WELL MARKED LOW PRESSURE AREA  
 D: DEPRESSION (17-27 KT)  
 DD: DEEP DEPRESSION (28-33 KT)  
 CS: CYCLONIC STORM (34-47 KT)  
 SCS: SEVERE CYCLONIC STORM (48-63KT)  
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)  
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)  
 SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

● LESS THAN 34 KT  
 ○ 34-47 KT  
 ⊙ ≥ 48 KT  
 — OBSERVED TRACK  
 — FORECAST TRACK  
 ▲ CONE OF UNCERTAINTY  
 AREA OF MAXIMUM SUSTAINED WIND SPEED:  
 ■ 28-33 KT (52-61 KMPH)  
 ■ 34-49 KT (62-91 KMPH)  
 ■ 50-63 KT (92-117 KMPH)  
 ■ ≥ 64 KT (≥118 KMPH)

**IMPACT OVER THE SEA**

MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

## Fishermen warning graphics







**Government of Odisha  
Office of Special Relief Commissioner**

No. 5902 /R&DM (DM) Date: 13.11.2023

From

Shri Satyabrata Sahu, IAS  
Special Relief Commissioner &  
Additional Chief Secretary to Govt.  
Disaster Management

To

The Principal Secretary to Government  
Agriculture & FE Department

**Sub: Precautionary measures to be taken to save crops in view of possible rain.**

Sir,

As per IMD weather bulletin at 1330hrs dt.13.11.2023, the upper air cyclonic circulation over south Andaman sea extending upto middle tropospheric levels tilting southwestwards with height. **Under its influence, a low pressure area is likely to form over southeast Bay of Bengal during next 24 hours. It is likely to move west-northwestwards and intensify into a depression over westcentral Bay of Bengal around 16<sup>th</sup> November, 2023.**

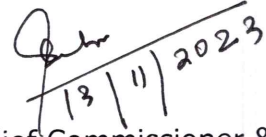
Under the influence of anticipated low pressure area and its further intensification squally weather with gusty surface wind speed reaching 45-55 kmph very likely over westcentral Bay of Bengal during 15<sup>th</sup> to 17<sup>th</sup> November, 2023.

- Light to moderate rain/ thundershower very likely to occur at a few places over the districts of Balasore, Bhadrak, Jajpur, Kendrapara, Cuttack, Jagatsinghpur, Puri, Khurda, Nayagarh, Ganjam, Gajapati, Angul, Boudh, Kandhamal, Dhenkanal, Mayurbhanj, Rayagada, Malkangiri, Koraput, Sundargarh, Deogarh districts during 15<sup>th</sup> November to 18<sup>th</sup> November.
- Heavy rainfall very likely to occur at one or two places over the districts of Ganjam, Jagatsinghpur, Puri, Kendrapara, Bhadrak, Cuttack also Thunderstorm with lightening very likely to occur at one or two places over the districts of Balasore,

Bhadrak, Jajpur, Kendrapara, Cuttack, Jagatsinghpur, Puri, Khurda, Nayagarh,  
Ganjam, Gajapati, Dhenkanal, Mayurbhanj during 16<sup>th</sup> / 17<sup>th</sup> November, 2023.

In view of the rainfall prediction, it is requested to issue required advisory to field  
functionaries for dissemination to farmers for taking appropriate preventive steps to  
protect paddy and other crops.

Yours faithfully,

A handwritten signature in black ink, followed by a horizontal line and the date '13/11/2023' written below it.

Special Relief Commissioner &  
Additional Chief Secretary to Govt.  
Disaster Management