



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23018939)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-223331)

Time of issue: 1230 hours IST

Dated: 06.10.2014

Bulletin No.: BOB03/2014/01

**Sub: Low pressure area over Tenasserim Coast and adjoining Andaman Sea**

A low pressure area has formed over Tenasserim coast and adjoining Andaman Sea today, the 6<sup>th</sup> October 2014 morning. It would move northwestwards and concentrate into a depression by 7<sup>th</sup> October and subsequently into a cyclonic storm on 8<sup>th</sup> October near Andaman Islands

- (i) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with isolated heavy to very heavy falls would occur over Andaman and Nicobar Islands during the next 24 hours. Intensity would increase thereafter with heavy to very heavy rainfall at a few places and isolated extremely heavy falls ( $\geq 25$  cm) during subsequent 48 hours.
- (ii) **Wind warning:** Squally wind speed reaching 45-55 kmph will prevail in and around Andaman and Nicobar Islands during next 24 hours. The wind speed would increase gradually reaching gale wind speed upto 70-80 kmph on 8<sup>th</sup> October 2014.
- (iii) **Sea condition:** Sea condition around Andaman and Nicobar islands would be rough to very rough during next 24 hours and become very rough to high during subsequent 48 hours.
- (iv) **Fisherman warning:** Fisherman are advised not to venture into sea along and off Andaman and Nicobar islands during next 72 hours.

**The next bulletin will be issued at 1200 hrs IST of tomorrow the 7th October, 2014.**

(M Mohapatra)  
Scientist-E

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatanam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatanam. (0891-2709086).



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CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-223331)

Time of issue: 1200 hours IST

Dated: 07.10.2014

Bulletin No.: BOB03/2014/02

**Sub: Depression over north Andaman Sea,  
Cyclone Alert for Andaman & Nicobar Islands and  
Pre-cyclone Watch for north Andhra Pradesh & Odisha coasts.**

Latest observations indicate that a depression has formed over north Andaman Sea and lay centered at 0830 hrs IST of today, the 7<sup>th</sup> October 2014 near latitude 11.5<sup>o</sup>N and longitude 95.0<sup>o</sup>E, about 250 km east-southeast of Long Island. It would move west-northwestwards and intensify into a deep-depression within next 24 hours and subsequently into a cyclonic storm. It would cross Andaman & Nicobar Islands close to Long Island by tomorrow forenoon. Thereafter the system would continue to move west-northwestwards for some more time and then northwestwards towards north Andhra Pradesh and Odisha coast during subsequent 72 hours.

- (iv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls ( $\geq 25$  cm) would occur during subsequent 48 hours.
- (v) **Wind warning:** Squally wind speed reaching 45-55 kmph would prevail in and around Andaman and Nicobar Islands during next 12 hours. The wind speed would increase gradually reaching gale wind speed of 70-80 kmph by tomorrow, the 8<sup>th</sup> October 2014 morning.
- (vi) **Sea condition:** Sea condition around Andaman and Nicobar islands is rough to very rough. It would become very rough to high during next 24 hours.
- (vii) **Damage expected over Andaman & Nicobar Islands:** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.
- (viii) **Action suggested:** Fishermen are advised not to venture into sea along and off Andaman and Nicobar Islands during next 48 hours.

**The next bulletin will be issued at 1430 hrs IST of 7th October, 2014.**

(M Mohapatra)  
Scientist-E

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam  
/CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



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CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-223331)

Time of issue: 1430 hours IST

Dated: 07.10.2014

Bulletin No.: BOB03/2014/03

**Sub: Depression over north Andaman Sea,  
Cyclone Alert for Andaman & Nicobar Islands and  
Pre-cyclone Watch for north Andhra Pradesh & Odisha coasts.**

The depression over north Andaman Sea remained practically stationary and lay centered at 1130 hrs IST of today, the 7<sup>th</sup> October 2014 near latitude 11.5°N and longitude 95.0°E, about 250 km east-southeast of Long Island. It would move west-northwestwards and intensify into a deep-depression within next 24 hours and subsequently into a cyclonic storm. It would cross Andaman & Nicobar Islands close to Long Island by tomorrow forenoon. Thereafter the system would continue to move west-northwestwards for some more time and then northwestwards towards north Andhra Pradesh and Odisha coast during subsequent 72 hours.

**Warning for Andaman & Nicobar Islands**

- (ix) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls ( $\geq 25$  cm) would occur over Andaman & Nicobar Island during next 48 hours.
- (x) **Wind warning:** Squally wind speed reaching 45-55 kmph would prevail in and around Andaman and Nicobar Islands during next 12 hours. The wind speed would increase gradually reaching gale wind speed of 70-80 kmph by tomorrow, the 8<sup>th</sup> October 2014 morning.
- (xi) **Sea condition:** Sea condition around Andaman and Nicobar islands is rough to very rough. It would become very rough to high during next 24 hours.
- (xii) **Damage expected over Andaman & Nicobar Islands:** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.
- (xiii) **Action suggested:** Fishermen are advised not to venture into sea along and off Andaman and Nicobar Islands during next 48 hours.

**The next bulletin will be issued at 2030 hrs IST of 7th October, 2014.**

(M Mohapatra)  
Scientist-E

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam  
/CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



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CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)

Time of issue: 2000 hours IST

Dated: 07.10.2014

Bulletin No.: BOB03/2014/04

**Sub: Depression intensified into a Deep Depression over north Andaman Sea and neighbourhood,  
Cyclone Alert for Andaman & Nicobar Islands and  
Pre-cyclone Watch for north Andhra Pradesh & Odisha coasts.**

The depression over north Andaman Sea moved west-northwestwards during past six hours, intensified into a deep depression and lay centered at 1730 hrs IST of today, the 7<sup>th</sup> October 2014 over north Andaman Sea & neighbourhood near latitude 12.0°N and longitude 94.0°E, about 130 km east-southeast of Long Island. It would further move west-northwestwards and intensify into a cyclonic storm during next 24 hours. It would cross Andaman & Nicobar Islands close to Long Island by tomorrow forenoon. Thereafter, the system would continue to move west-northwestwards for some more time and then northwestwards towards north Andhra Pradesh - Odisha coast during subsequent 96 hours.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
07-10-2014/1730	12.0/94.0	50-60 gusting to 70	Deep Depression
07-10-2014/2330	12.3/93.5	55-65 gusting to 75	Deep Depression
08-10-2014/0530	12.6/93.0	65-75 gusting to 85	Cyclonic Storm
08-10-2014/1130	13.0/92.3	70-80 gusting to 90	Cyclonic Storm
08-10-2014/1730	13.5/91.5	70-80 gusting to 90	Cyclonic Storm
09-10-2014/0530	14.2/90.2	80-90 gusting to 100	Severe Cyclonic Storm
09-10-2014/1730	15.0/89.0	90-100 gusting to 110	Severe Cyclonic Storm
10-10-2014/0530	15.8/88.0	100-110 gusting to 125	Very Severe Cyclonic Storm
10-10-2014/1730	16.6/87.0	110-120 gusting to 135	Very Severe Cyclonic Storm
11-10-2014/0530	17.3/86.3	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/1730	17.7/85.6	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0530	18.2/84.9	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1730	18.7/84.2	120-130 gusting to 145	Very Severe Cyclonic Storm

### **Warning for Andaman & Nicobar Islands**

- (xiv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls ( $\geq 25$  cm) would occur over Andaman & Nicobar Island during next 36 hours.
- (xv) **Wind warning:** Squally wind speed reaching 50-60 kmph would prevail in and around Andaman and Nicobar Islands during next 06 hours. The wind speed would increase gradually reaching gale wind speed of 70-80 kmph by tomorrow, the 8<sup>th</sup> October 2014 morning.
- (xvi) **Sea condition:** Sea condition around Andaman and Nicobar islands is very rough. It would become high during next 24 hours.
- (xvii) **Damage expected over Andaman & Nicobar Islands:** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.
- (xviii) **Action suggested:** Fishermen are advised not to venture into sea along and off Andaman and Nicobar Islands during next 48 hours.

**The next bulletin will be issued at 0230 hrs IST of 8<sup>th</sup> October, 2014.**

(M Mohapatra)  
Scientist-E

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)**

**Time of issue: 0200 hours IST**

**Dated: 08.10.2014**

**Bulletin No.: BOB03/2014/05**

**Sub: Depression intensified into a Deep Depression over north Andaman Sea and neighbourhood,  
Cyclone Alert for Andaman & Nicobar Islands and  
Pre-cyclone Watch for north Andhra Pradesh & Odisha coasts.**

The deep depression over north Andaman Sea moved westwards during past six hours, and lay centered at 2330 hrs IST of 7<sup>th</sup> October 2014 over north Andaman Sea & neighbourhood near latitude 12.0°N and longitude 93.5°E, about 80 km southeast of Long Island. It would further move west-northwestwards and intensify into a cyclonic storm during next 24 hours. It would cross Andaman & Nicobar Islands close to Long Island by tomorrow forenoon. Thereafter, the system would continue to move west-northwestwards for some more time and then northwestwards towards north Andhra Pradesh - Odisha coast during subsequent 96 hours.

<b>Date/Time(IST)</b>	<b>Position (Lat. °N/ long. °E)</b>	<b>Maximum sustained surface wind speed (kmph)</b>	<b>Category of cyclonic disturbance</b>
07-10-2014/2330	12.0/93.5	55-65 gusting to 75	Deep Depression
08-10-2014/0530	12.4/93.1	65-75 gusting to 85	Cyclonic Storm
08-10-2014/1130	12.8/92.5	70-80 gusting to 90	Cyclonic Storm
08-10-2014/1730	13.3/91.7	70-80 gusting to 90	Cyclonic Storm
08-10-2014/2330	13.8/90.8	70-80 gusting to 90	Cyclonic Storm
09-10-2014/1130	14.6/89.6	80-90 gusting to 100	Severe Cyclonic Storm
09-10-2014/2330	15.4/88.5	90-100 gusting to 110	Severe Cyclonic Storm
10-10-2014/1130	16.2/87.5	100-110 gusting to 125	Severe Cyclonic Storm
10-10-2014/2330	16.9/86.6	110-120 gusting to 135	Very Severe Cyclonic Storm
11-10-2014/1130	17.5/85.9	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/2330	18.0/85.2	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1130	18.5/84.5	120-130 gusting to 145	Very Severe Cyclonic Storm
12-10-2014/2330	19.0/84.0	110-120 gusting to 135	Severe Cyclonic Storm

### **Warning for Andaman & Nicobar Islands**

- (xix) Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls ( $\geq 25$  cm) would occur over Andaman & Nicobar Island during next 36 hours.
- (xx) Wind warning:** Squally wind speed reaching 50-60 kmph would prevail in and around Andaman and Nicobar Islands during next 06 hours. The wind speed would increase gradually reaching gale wind speed of 70-80 kmph by tomorrow, the 8<sup>th</sup> October 2014 morning.
- (xxi) Sea condition:** Sea condition around Andaman and Nicobar islands is very rough. It would become high during next 24 hours.
- (xxii) Damage expected over Andaman & Nicobar Islands:** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.
- (xxiii) Action suggested:** Fishermen are advised not to venture into sea along and off Andaman and Nicobar Islands during next 48 hours.

**The next bulletin will be issued at 0830 hrs IST of 8<sup>th</sup> October, 2014.**

(Duty Officer)

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



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CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)

Time of issue: 0800 hours IST

Dated: 08.10.2014

Bulletin No.: BOB03/2014/06(Modified)

**Sub: Deep Depression over north Andaman Sea & adjoining southeast Bay of Bengal, Cyclone Alert for Andaman & Nicobar Islands and Pre-cyclone Watch for north Andhra Pradesh & Odisha coasts.**

The deep depression over north Andaman Sea & neighbourhood moved west-northwestward and lay centered at 0530 hrs IST of 8th October 2014 over north Andaman Sea & adjoining southeast Bay of Bengal near latitude 12.2°N and longitude 93.0°E, close to Long Island. It would intensify into a cyclonic storm during next 12 hours. It would cross Andaman & Nicobar Islands close to Long Island within a few hours. Thereafter, the system would continue to move west-northwestwards towards north Andhra Pradesh-Odisha coast during 96 hours.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
08-10-2014/0530	12.2/93.0	55-65 gusting to 75	Deep Depression
08-10-2014/1130	12.7/92.5	65-75 gusting to 85	Cyclonic Storm
08-10-2014/1730	13.2/91.6	70-80 gusting to 90	Cyclonic Storm
08-10-2014/2330	13.6/90.9	70-80 gusting to 90	Cyclonic Storm
09-10-2014/0530	14.0/90.2	70-80 gusting to 90	Cyclonic Storm
09-10-2014/1730	14.7/89.0	90-100 gusting to 110	Severe Cyclonic Storm
10-10-2014/0530	15.4/88.0	100-110 gusting to 125	Very Severe Cyclonic Storm
10-10-2014/1730	16.1/86.8	110-120 gusting to 135	Very Severe Cyclonic Storm
11-10-2014/0530	16.7/85.8	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/1730	17.2/84.7	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0530	17.7/83.7	120-130 gusting to 145	Very Severe Cyclonic Storm
12-10-2014/1730	18.2/82.7	110-120 gusting to 135	Severe Cyclonic Storm
13-10-2014/0530	18.7/83.5	80-90 gusting to 100	Cyclonic Storm

**Warning for Andaman & Nicobar Islands**

(xxiv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls ( $\geq 25$  cm) would occur over Andaman & Nicobar Island during next 24 hours.



- (xxv) **Wind warning:** Squally wind speed reaching 50-60 kmph would prevail in and around Andaman and Nicobar Islands during next 06 hours. The wind speed would increase gradually reaching gale wind speed of 70-80 kmph thereafter.
- (xxvi) **Sea condition:** Sea condition around Andaman and Nicobar islands is very rough. It would become high during next 24 hours.
- (xxvii) **Damage expected over Andaman & Nicobar Islands:** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.
- (xxviii) **Action suggested:** Fishermen are advised not to venture into sea along and off Andaman and Nicobar Islands during next 48 hours.

**The next bulletin will be issued at 1130 hrs IST of 8<sup>th</sup> October, 2014.**

(Naresh Kumar)  
Scientist 'D'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



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CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)**

**Time of issue: 1200 hours IST**

**Dated: 08.10.2014**

**Bulletin No.: BOB03/2014/07**

**Sub: Cyclonic Storm, 'HUD HUD' over north Andaman Sea & adjoining southeast Bay of Bengal,  
Cyclone Warning for Andaman & Nicobar Islands and  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The deep depression over north Andaman Sea & neighbourhood moved west-northwestward, intensified into a Cyclonic Storm 'HUD HUD' and lay centered at 0830 hrs IST of 8th October 2014 over north Andaman Sea near latitude 12.3°N and longitude 92.9°E, close to Long Island. It is now crossing Andaman & Nicobar Islands close to Long Island. Thereafter, the system would continue to move west-northwestwards, intensify further into a severe cyclonic storm during next 24 hours and subsequently into a very severe cyclonic storm during subsequent 36 hours. The system would cross north coastal Andhra Pradesh and south Odisha coast between Visakhapatnam and Gopalpur around noon of 12<sup>th</sup> October 2014.

<b>Date/Time(IST)</b>	<b>Position (Lat. °N/ long. °E)</b>	<b>Maximum sustained surface wind speed (kmph)</b>	<b>Category of cyclonic disturbance</b>
08-10-2014/0830	12.3/92.9	65-75 gusting to 85	Cyclonic Storm
08-10-2014/1130	12.7/92.5	70-80 gusting to 90	Cyclonic Storm
08-10-2014/1730	13.2/91.6	75-85 gusting to 95	Cyclonic Storm
08-10-2014/2330	13.6/90.9	80-90 gusting to 100	Cyclonic Storm
09-10-2014/0530	14.0/90.2	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1730	14.7/89.0	100-110 gusting to 120	Severe Cyclonic Storm
10-10-2014/0530	15.4/88.0	110-120 gusting to 135	Severe Cyclonic Storm
10-10-2014/1730	16.1/86.8	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/0530	16.7/85.8	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/1730	17.2/84.7	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0530	17.7/83.7	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1730	18.2/82.7	120-130 gusting to 145	Very Severe Cyclonic Storm
13-10-2014/0530	18.9/81.7	80-90 gusting to 100	Cyclonic Storm

**Warning for Andaman & Nicobar Islands**

- (xxix) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls ( $\geq 25$  cm) would occur over Andaman & Nicobar Island during next 24 hours.
- (xxx) **Wind warning:** Gale wind speed reaching 70-80 kmph gusting into 90 kmph would prevail in and around Andaman and Nicobar Islands during next 24 hours.
- (xxxi) **Sea condition:** Sea condition around Andaman and Nicobar islands will be high during next 24 hours.
- (xxxii) **Damage expected over Andaman & Nicobar Islands:** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.
- (xxxiii) **Action suggested:** Fishermen are advised not to venture into sea along and off Andaman and Nicobar Islands during next 48 hours.

**Warning for north Andhra Pradesh coast and south Odisha**

- (i) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy to very heavy falls at a few places with isolated extremely heavy falls would occur over south Odisha from 11<sup>th</sup> evening onwards. Heavy rain to very heavy rainfall would also commence at a few places over Visakhapatnam, Vijayanagaram. Srikakulam districts of north coastal Andhra Pradesh and districts of north coastal Odisha during the same period.
- (ii) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along north Andhra and Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 150 from 12<sup>th</sup> morning.
- (iii) **Sea condition along north coastal Andhra Pradesh and south Odisha:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards.

**The next bulletin will be issued at 1430 hrs IST of 8<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23018939)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 1730 hours IST

Dated: 08.10.2014

Bulletin No.: BOB03/2014/09

**Sub: Cyclonic Storm, 'HUDHUD' over southeast Bay of Bengal,  
Cyclone Warning for Andaman & Nicobar Islands and  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Cyclonic Storm 'HUDHUD' over southeast Bay of Bengal moved west-northwestward and lay centered at 1430 hrs IST of 8th October 2014 near latitude 12.7°N and longitude 91.5°E about 1010 km southeast of Gopalpur and 1050 km east-southeast of Visakhapatnam. The system would continue to move west-northwestwards, intensify further into a severe cyclonic storm during next 24 hours and into a very severe cyclonic storm during subsequent 36 hours. The system would cross north Andhra Pradesh and south Odisha coasts between Visakhapatnam and Gopalpur around noon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
08-10-2014/1430	12.7/91.5	70-80 gusting to 90	Cyclonic Storm
08-10-2014/1730	13.0/91.1	75-85 gusting to 95	Cyclonic Storm
08-10-2014/2330	13.3 /90.7	80-90 gusting to 100	Cyclonic Storm
09-10-2014/0530	13.7/90.2	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1130	14.2/89.6	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/2330	15.0/88.5	100-110 gusting to 120	Severe Cyclonic Storm
10-10-2014/1130	15.8/87.4	110-120 gusting to 135	Severe Cyclonic Storm
10-10-2014/2330	16.4/86.3	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/1130	17.0/85.2	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/2330	17.4/84.2	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1130	17.9/83.2	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/2330	18.5/82.2	100-110 gusting to 120	Severe Cyclonic Storm
13-10-2014/1130	19.0/81.2	70-80 gusting to 90	Cyclonic Storm

### **Warning for Andaman & Nicobar Islands**

- (xxxiv) **Heavy rainfall warning:** Under the influence of the system, rainfall at many places with heavy to very heavy rainfall at isolated places would occur over Andaman & Nicobar Island during next 12 hours.
- (xxxv) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting into 70 kmph would prevail in and around Andaman and Nicobar Islands during next 12 hours.
- (xxxvi) **Sea condition:** Sea condition around Andaman and Nicobar islands will be high during next 12 hours.
- (xxxvii) **Damage expected over Andaman & Nicobar Islands:** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.
- (xxxviii) **Action suggested:** Fishermen are advised not to venture into sea along and off Andaman and Nicobar Islands during next 24 hours.

### **Warning for north Andhra Pradesh coast and south Odisha**

- (iv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy rainfall to very heavy rainfall at a few places would also commence over Visakhapatnam, Vijayanagaram. Srikakulam districts of north coastal Andhra Pradesh and districts of north coastal Odisha during the same period.
- (v) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 150 kmph from 12<sup>th</sup> morning.
- (vi) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards.
- (vii) **Damage expected:** : Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (viii) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 2030 hrs IST of 8<sup>th</sup> October, 2014.**

(M Mohapatra)  
Scientist 'E'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23018939)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 2000 hours IST

Dated: 08.10.2014

Bulletin No.: BOB03/2014/10

**Sub: Cyclonic Storm, 'HUDHUD' over southeast Bay of Bengal,  
Cyclone Warning for Andaman & Nicobar Islands and  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Cyclonic Storm 'HUDHUD' over southeast Bay of Bengal moved west-northwestward and lay centered at 1730 hrs IST of 8th October 2014 near latitude 12.8°N and longitude 91.0°E about 970 km southeast of Gopalpur and 1000 km east-southeast of Visakhapatnam. The system would continue to move west-northwestwards, intensify further into a severe cyclonic storm during next 24 hours and into a very severe cyclonic storm during subsequent 36 hours. The system would cross north Andhra Pradesh and south Odisha coasts between Visakhapatnam and Gopalpur around noon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
08-10-2014/1730	12.8/91.0	75-85 gusting to 95	Cyclonic Storm
08-10-2014/2330	13.1 /90.5	80-90 gusting to 100	Cyclonic Storm
09-10-2014/0530	13.4/90.1	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1130	13.8/89.6	100-110 gusting to 120	Severe Cyclonic Storm
09-10-2014/1730	14.2/89.1	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/0530	14.7/88.2	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/1730	15.5/87.1	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/0530	16.2/86.0	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/1730	16.9/84.8	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0530	17.5/83.8	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1730	18.1/82.7	100-110 gusting to 120	Severe Cyclonic Storm
13-10-2014/0530	18.6/81.5	70-80 gusting to 90	Cyclonic Storm
13-10-2014/1730	19.1/80.3	50-60 gusting to 70	Deep Depression

### **Warning for Andaman & Nicobar Islands**

- (xxxix) **Heavy rainfall warning:** Under the influence of the system, rainfall at many places with heavy to very heavy rainfall at isolated places would occur over Andaman & Nicobar Island during next 12 hours.
- (xl) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting into 70 kmph would prevail in and around Andaman and Nicobar Islands during next 12 hours.
- (xli) **Sea condition:** Sea condition around Andaman and Nicobar islands will be high during next 12 hours.
- (xlii) **Damage expected over Andaman & Nicobar Islands:** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.
- (xliii) **Action suggested:** Fishermen are advised not to venture into sea along and off Andaman and Nicobar Islands during next 24 hours.

### **Warning for north Andhra Pradesh coast and south Odisha**

- (ix) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy rainfall to very heavy rainfall at a few places would also commence over Visakhapatnam, Vijayanagaram. Srikakulam districts of north coastal Andhra Pradesh and districts of north coastal Odisha during the same period.
- (x) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 150 kmph from 12<sup>th</sup> morning.
- (xi) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards.
- (xii) **Damage expected:** : Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (xiii) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 2330 hrs IST of 8<sup>th</sup> October, 2014.**

(M Mohapatra)  
Scientist 'E'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23018939)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 2300 hours IST

Dated: 08.10.2014

Bulletin No.: BOB03/2014/11

**Sub: Cyclonic Storm, 'HUDHUD' over southeast Bay of Bengal,  
Cyclone Warning for Andaman & Nicobar Islands and  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Cyclonic Storm 'HUDHUD' over southeast Bay of Bengal moved west-northwestward and lay centered at 2030 hrs IST of 8th October 2014 near latitude 13.0°N and longitude 90.5°E about 920 km southeast of Gopalpur and 930 km east-southeast of Visakhapatnam. The system would continue to move west-northwestwards, intensify further into a severe cyclonic storm during next 12 hours and into a very severe cyclonic storm during subsequent 24 hours. The system would cross north Andhra Pradesh and south Odisha coasts between Visakhapatnam and Gopalpur around noon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
08-10-2014/2030	13.0/90.5	80-90 gusting to 100	Cyclonic Storm
09-10-2014/0230	13.2 /90.3	80-90 gusting to 100	Cyclonic Storm
09-10-2014/0830	13.5/90.0	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1430	13.8/89.6	100-110 gusting to 120	Severe Cyclonic Storm
09-10-2014/2030	14.2/89.1	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/0830	14.7/88.2	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/2030	15.5/87.1	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/0830	16.2/86.0	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/2030	16.9/84.8	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0830	17.5/83.8	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/2030	18.1/82.7	100-110 gusting to 120	Severe Cyclonic Storm
13-10-2014/0830	18.6/81.5	70-80 gusting to 90	Cyclonic Storm
13-10-2014/2030	19.1/80.3	50-60 gusting to 70	Deep Depression



### **Warning for Andaman & Nicobar Islands**

- (xliv) **Heavy rainfall warning:** Under the influence of the system, rainfall at many places with heavy to very heavy rainfall at isolated places would occur over Andaman & Nicobar Island during next 12 hours.
- (xlv) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting into 70 kmph would prevail in and around Andaman and Nicobar Islands during next 12 hours.
- (xlvi) **Sea condition:** Sea condition around Andaman and Nicobar islands will be high during next 12 hours.
- (xlvii) **Damage expected over Andaman & Nicobar Islands:** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.
- (xlviii) **Action suggested:** Fishermen are advised not to venture into sea along and off Andaman and Nicobar Islands during next 24 hours.

### **Warning for north Andhra Pradesh coast and south Odisha**

- (xiv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy rainfall to very heavy rainfall at a few places would also commence over Visakhapatnam, Vijayanagaram. Srikakulam districts of north coastal Andhra Pradesh and districts of north coastal Odisha during the same period.
- (xv) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 150 kmph from 12<sup>th</sup> morning.
- (xvi) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards.
- (xvii) **Damage expected:** : Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (xviii) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 0230 hrs IST of 9<sup>th</sup> October, 2014.**

(Ranjeet Singh)  
Scientist 'E'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 0100 hours IST

Dated: 09.10.2014

Bulletin No.: BOB03/2014/12

**Sub: Cyclonic Storm, 'HUDHUD' over southeast Bay of Bengal,  
Cyclone Warning for Andaman & Nicobar Islands and  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Cyclonic Storm 'HUDHUD' over southeast Bay of Bengal moved west-northwestward and lay centered at 2330 hrs IST of 8th October 2014 near latitude 13.2°N and longitude 90.2°E about 890 km southeast of Gopalpur and 900 km east-southeast of Visakhapatnam. The system would continue to move west-northwestwards, intensify further into a severe cyclonic storm during next 12 hours and into a very severe cyclonic storm during subsequent 24 hours. The system would cross north Andhra Pradesh and south Odisha coasts between Visakhapatnam and Gopalpur around noon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
08-10-2014/2330	13.2/90.2	80-90 gusting to 100	Cyclonic Storm
09-10-2014/0530	13.4 /90.0	80-90 gusting to 100	Cyclonic Storm
09-10-2014/1130	13.6/89.8	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1730	13.8/89.6	100-110 gusting to 120	Severe Cyclonic Storm
09-10-2014/2330	14.1/89.4	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/1130	14.7/88.6	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/2330	15.5/87.3	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/1130	16.2/86.0	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/2330	16.9/84.8	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1130	17.7/83.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/2330	18.1/82.7	100-110 gusting to 120	Severe Cyclonic Storm
13-10-2014/1130	18.6/81.5	70-80 gusting to 90	Cyclonic Storm
13-10-2014/2330	19.5/80.0	50-60 gusting to 70	Deep Depression

### **Warning for Andaman & Nicobar Islands**

- (xlix) **Heavy rainfall warning:** Under the influence of the system, rainfall at many places with heavy to very heavy rainfall at isolated places would occur over Andaman & Nicobar Island during next 12 hours.
- (l) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting into 70 kmph would prevail in and around Andaman and Nicobar Islands during next 12 hours.
- (li) **Sea condition:** Sea condition around Andaman and Nicobar islands will be high during next 12 hours.
- (lii) **Damage expected over Andaman & Nicobar Islands:** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.
- (liii) **Action suggested:** Fishermen are advised not to venture into sea along and off Andaman and Nicobar Islands during next 24 hours.

### **Warning for north Andhra Pradesh coast and south Odisha**

- (xix) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy rainfall to very heavy rainfall at a few places would also commence over Visakhapatnam, Vijayanagaram. Srikakulam districts of north coastal Andhra Pradesh and districts of north coastal Odisha during the same period.
- (xx) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 150 kmph from 12<sup>th</sup> morning.
- (xxi) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards.
- (xxii) **Damage expected:** : Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (xxiii) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 0530 hrs IST of 9<sup>th</sup> October, 2014.**

(Ranjeet Singh)  
Scientist 'E'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 0530 hours IST

Dated: 09.10.2014

Bulletin No.: BOB03/2014/13

**Sub: Cyclonic Storm, 'HUDHUD' over southeast Bay of Bengal,  
Cyclone Warning for Andaman & Nicobar Islands and  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Cyclonic Storm 'HUDHUD' over southeast Bay of Bengal moved west-northwestward and lay centered at 0230 hrs IST of 9th October 2014 near latitude 13.5°N and longitude 89.6°E about 820 km southeast of Gopalpur and 810 km east-southeast of Visakhapatnam. The system would continue to move west-northwestwards, intensify further into a severe cyclonic storm during next 12 hours and into a very severe cyclonic storm during subsequent 24 hours. The system would cross north Andhra Pradesh and south Odisha coasts between Visakhapatnam and Gopalpur around noon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
09-10-2014/0230	13.5/89.6	80-90 gusting to 100	Cyclonic Storm
09-10-2014/0830	13.8/89.2	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1430	14.0/88.7	100-110 gusting to 120	Severe Cyclonic Storm
09-10-2014/2030	14.3/88.0	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/0230	14.8/87.3	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/1430	15.5/86.7	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/0230	16.2/85.8	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/1430	16.9/84.8	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0230	17.5/83.8	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1430	18.1/82.7	100-110 gusting to 120	Severe Cyclonic Storm
13-10-2014/0230	18.6/81.5	70-80 gusting to 90	Cyclonic Storm
13-10-2014/1430	19.5/80.0	50-60 gusting to 70	Deep Depression
14-10-2014/0230	20.5/79.5	40-50 gusting to 60	Depression

## **De-Warning for Andaman & Nicobar Islands**

No adverse weather expected due to this system over Andaman & Nicobar Islands

## **Warning for north Andhra Pradesh coast and south Odisha**

- (xxiv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy rainfall to very heavy rainfall at a few places would also commence over Visakhapatnam, Vijayanagaram. Srikakulam districts of north coastal Andhra Pradesh and districts of north coastal Odisha during the same period.
- (xxv) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 150 kmph from 12<sup>th</sup> morning.
- (xxvi) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards.
- (xxvii) **Damage expected:** : Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (xxviii) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 0830 hrs IST of 9<sup>th</sup> October, 2014.**

(Ranjeet Singh)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 0830 hours IST

Dated: 09.10.2014

Bulletin No.: BOB03/2014/14

**Sub: Cyclonic Storm, 'HUDHUD' over southeast Bay of Bengal,  
Cyclone Warning for Andaman & Nicobar Islands and  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Cyclonic Storm 'HUDHUD' over eastcentral Bay of Bengal moved west-northwestward and lay centered at 0530 hrs IST of 9th October 2014 near latitude 13.7°N and longitude 89.2°E about 780 km south-southeast of Gopalpur and 770 km southeast of Visakhapatnam. The system would continue to move west-northwestwards, intensify further into a severe cyclonic storm during next 12 hours and into a very severe cyclonic storm during subsequent 24 hours. The system would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
09-10-2014/0530	13.7/89.2	80-90 gusting to 100	Cyclonic Storm
09-10-2014/1130	14.0/88.7	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1730	14.4/88.2	100-110 gusting to 120	Severe Cyclonic Storm
09-10-2014/2330	14.8/87.8	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/0530	15.2/87.4	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/1730	15.7/86.9	130-140 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/0530	16.5/85.8	130-140 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/1730	17.2/84.7	130-140 gusting to 145	Very Severe Cyclonic Storm
12-10-2014/0530	17.5/83.5	130-140 gusting to 145	Very Severe Cyclonic Storm
12-10-2014/1730	18.1/82.3	100-110 gusting to 120	Severe Cyclonic Storm
13-10-2014/0530	18.6/81.0	70-80 gusting to 90	Cyclonic Storm
13-10-2014/1730	19.5/79.8	50-60 gusting to 70	Deep Depression

## **De-Warning for Andaman & Nicobar Islands**

No adverse weather expected due to this system over Andaman & Nicobar Islands

## **Warning for north Andhra Pradesh coast and south Odisha**

- (xxix) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy rainfall to very heavy rainfall at a few places would also commence over Visakhapatnam, Vijayanagaram. Srikakulam districts of north coastal Andhra Pradesh and districts of north coastal Odisha during the same period.
- (xxx) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 150 kmph from 12<sup>th</sup> morning.
- (xxxii) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards.
- (xxxiii) **Damage expected:** : Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (xxxiii) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 1130 hrs IST of 9<sup>th</sup> October, 2014.**

(M Mohapatra)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 1000 hours IST

Dated: 09.10.2014

Bulletin No.: BOB03/2014/15/Modified

**Sub: Severe Cyclonic Storm, 'HUDHUD' over eastcentral Bay of Bengal,  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Cyclonic Storm 'HUDHUD' over eastcentral Bay of Bengal moved west-northwestward and intensified into a Severe Cyclonic Storm and lay centered at 0830 hrs IST of 9th October 2014 near latitude 13.8°N and longitude 89.0°E about 750 km southeast of Gopalpur and east-southeast of Visakhapatnam. The system would continue to move west-northwestwards, intensify further into a very severe cyclonic storm during next 24 hours. The system would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
09-10-2014/0830	13.8/89.0	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1130	14.1/88.6	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1730	14.4/88.2	100-110 gusting to 120	Severe Cyclonic Storm
09-10-2014/2330	14.8/87.8	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/0530	15.2/87.4	120-130 gusting to 155	Very Severe Cyclonic Storm
10-10-2014/1730	15.7/86.9	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/0530	16.5/85.8	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1730	17.2/84.7	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0530	17.5/83.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1730	18.1/82.3	100-110 gusting to 120	Severe Cyclonic Storm
13-10-2014/0530	18.6/81.0	70-80 gusting to 90	Cyclonic Storm
13-10-2014/1730	19.5/79.8	50-60 gusting to 70	Deep Depression



## **Warning for north Andhra Pradesh coast and south Odisha**

- (xxxiv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh and south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over remaining districts of Andhra Pradesh and north coastal Odisha during the same period.
- (xxxv) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra coast and 80-90 kmph along and off south Odisha coast.
- (xxxvi) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra coast and very rough to high along and off south Odisha coast.
- (xxxvii) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (xxxviii) **Damage expected:** Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (xxxix) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 1430 hrs IST of 9<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

**FAX MESSAGE**

**FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)**

**To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)**

**Time of issue: 1330 hours IST**

**Dated: 09.10.2014**

**Bulletin No.: BOB03/2014/16**

**Sub: Severe Cyclonic Storm, 'HUDHUD' over eastcentral Bay of Bengal,  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Severe Cyclonic Storm 'HUDHUD' over eastcentral Bay of Bengal moved west-northwestward and lay centered at 1130 hrs IST of 9th October 2014 near latitude 13.9°N and longitude 88.8°E about 720 km southeast of Gopalpur and east-southeast of Visakhapatnam. The system would continue to move west-northwestwards, intensify further into a very severe cyclonic storm during next 24 hours. The system would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

<b>Date/Time(IST)</b>	<b>Position (Lat. °N/ long. °E)</b>	<b>Maximum sustained surface wind speed (kmph)</b>	<b>Category of cyclonic disturbance</b>
09-10-2014/1130	13.9/88.8	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1730	14.2/88.4	100-110 gusting to 120	Severe Cyclonic Storm
09-10-2014/2330	14.5/88.0	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/0530	14.8/87.6	120-130 gusting to 155	Very Severe Cyclonic Storm
10-10-2014/1130	15.3/87.1	120-130 gusting to 155	Very Severe Cyclonic Storm
10-10-2014/2330	15.8/86.5	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1130	16.5/85.9	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/2330	17.4/84.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1130	18.2/83.4	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/2330	18.8/82.5	80-90 gusting to 100	Cyclonic Storm
13-10-2014/1130	19.6/81.6	50-60 gusting to 70	Deep Depression

## **Warning for north Andhra Pradesh coast and south Odisha**

- (xi) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh and south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over remaining districts of Andhra Pradesh and north coastal Odisha during the same period.
- (xli) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra coast and 80-90 kmph along and off south Odisha coast.
- (xlii) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra coast and very rough to high along and off south Odisha coast.
- (xliii) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (xliv) **Damage expected:** Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (xlv) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 1730 hrs IST of 9<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 1600 hours IST

Dated: 09.10.2014

Bulletin No.: BOB03/2014/17

**Sub: Severe Cyclonic Storm, 'HUDHUD' over eastcentral Bay of Bengal,  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Severe Cyclonic Storm 'HUDHUD' over eastcentral Bay of Bengal moved west-northwestward and lay centered at 1430 hrs IST of 9th October 2014 near latitude 14.0°N and longitude 88.6°E about 700 km southeast of Gopalpur and east-southeast of Visakhapatnam. The system would continue to move west-northwestwards, intensify further into a very severe cyclonic storm during next 24 hours. The system would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
09-10-2014/1430	14.0/88.6	90-100 gusting to 110	Severe Cyclonic Storm
09-10-2014/1730	14.2/88.4	100-110 gusting to 120	Severe Cyclonic Storm
09-10-2014/2330	14.5/88.0	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/0530	14.8/87.6	120-130 gusting to 155	Very Severe Cyclonic Storm
10-10-2014/1130	15.3/87.1	120-130 gusting to 155	Very Severe Cyclonic Storm
10-10-2014/2330	15.8/86.5	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1130	16.5/85.9	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/2330	17.4/84.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1130	18.2/83.4	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/2330	18.8/82.5	80-90 gusting to 100	Cyclonic Storm
13-10-2014/1130	19.6/81.6	50-60 gusting to 70	Deep Depression

## **Warning for north Andhra Pradesh coast and south Odisha**

- (xlvi) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh and south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over remaining districts of Andhra Pradesh and north coastal Odisha during the same period.
- (xlvii) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra coast and 80-90 kmph along and off south Odisha coast.
- (xlviii) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra coast and very rough to high along and off south Odisha coast.
- (xlix) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (l) **Damage expected:** Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (li) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 2030 hrs IST of 9<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 1930 hours IST

Dated: 09.10.2014

Bulletin No.: BOB03/2014/18

**Sub: Severe Cyclonic Storm, 'HUDHUD' over westcentral and adjoining eastcentral Bay of Bengal,  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Severe Cyclonic Storm 'HUDHUD' over eastcentral Bay of Bengal moved west-northwestward and lay centered at 1730 hrs IST of 9th October 2014 over westcentral and adjoining eastcentral Bay near latitude 14.1°N and longitude 88.4°E about 675 km east-southeast of Visakhapatnam and 685 km southeast of Gopalpur. The system would continue to move west-northwestwards, intensify further into a very severe cyclonic storm during next 12 hours. The system would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
09-10-2014/1730	14.1/88.4	100-110 gusting to 120	Severe Cyclonic Storm
09-10-2014/2330	14.3/88.0	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/0530	14.5/87.6	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/1130	14.8/87.1	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/1730	15.0/86.7	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/0530	15.6/85.7	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1730	16.5/84.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0530	17.3/83.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1730	18.0/82.5	80-90 gusting to 100	Cyclonic Storm
13-10-2014/0530	18.8/81.4	50-60 gusting to 70	Deep Depression
13-10-2014/1730	19.6/80.6	30-40 gusting to 50	Depression

## **Warning for north Andhra Pradesh coast and south Odisha**

- (lii) Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh and south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over remaining districts of Andhra Pradesh and north coastal Odisha during the same period.
- (liii) Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra coast and 80-90 kmph along and off south Odisha coast.
- (liv) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra coast and very rough to high along and off south Odisha coast.
- (lv) Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (lvi) Damage expected:** Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (lvii) Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 2330 hrs IST of 9<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 2300 hours IST

Dated: 09.10.2014

Bulletin No.: BOB03/2014/19

**Sub: Severe Cyclonic Storm, 'HUDHUD' over westcentral and adjoining eastcentral Bay of Bengal,  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Severe Cyclonic Storm 'HUDHUD' over eastcentral Bay of Bengal moved west-northwestwards during past six hours and lay centered at 2030 hrs IST of 9<sup>th</sup> October 2014 over westcentral & adjoining eastcentral Bay near latitude 14.1°N and longitude 88.1°E about 650 km east-southeast of Visakhapatnam and 670 km southeast of Gopalpur. The system would continue to move west-northwestwards, intensify further into a very severe cyclonic storm during next 12 hours. The system would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
09-10-2014/2030	14.1/88.1	100-110 gusting to 120	Severe Cyclonic Storm
09-10-2014/2330	14.3/87.8	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/0530	14.5/87.5	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/1130	14.8/87.1	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/1730	15.0/86.7	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/0530	15.6/85.7	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1730	16.5/84.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0530	17.3/83.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1730	18.0/82.5	80-90 gusting to 100	Cyclonic Storm
13-10-2014/0530	18.8/81.4	50-60 gusting to 70	Deep Depression
13-10-2014/1730	19.6/80.6	30-40 gusting to 50	Depression



## **Warning for north Andhra Pradesh coast and south Odisha**

- (lviii) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh and south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over remaining districts of Andhra Pradesh and north coastal Odisha during the same period.
- (lix) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra coast and 80-90 kmph along and off south Odisha coast.
- (lx) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra coast and very rough to high along and off south Odisha coast.
- (lxi) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (lxii) **Damage expected:** Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (lxiii) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 0230 hrs IST of 10<sup>th</sup> October, 2014.**

(Naresh Kumar)  
Scientist 'D'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 0230 hours IST

Dated: 10.10.2014

Bulletin No.: BOB03/2014/20

**Sub: Severe Cyclonic Storm, 'HUDHUD' over westcentral and adjoining eastcentral Bay of Bengal,  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Severe Cyclonic Storm 'HUDHUD' over westcentral & adjoining eastcentral Bay moved westwards and lay centered at 2330 hrs IST of 9<sup>th</sup> October 2014 near latitude 14.1°N and longitude 87.9°E over westcentral & adjoining eastcentral Bay about 630 km east-southeast of Visakhapatnam and 650 km southeast of Gopalpur. The system would move west-northwestwards, intensify further into a very severe cyclonic storm during next 12 hours. Thereafter, system would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
09-10-2014/2330	14.1/87.9	100-110 gusting to 120	Severe Cyclonic Storm
10-10-2014/0530	14.2/87.5	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/1130	14.4/87.1	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/1730	14.7/86.7	130-140 gusting to 155	Very Severe Cyclonic Storm
10-10-2014/2330	15.0/86.2	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1130	15.9/85.1	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/2330	16.8/84.0	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1130	17.6/83.0	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/2330	18.4/82.0	60-70 gusting to 80	Deep Depression
13-10-2014/1130	19.2/81.0	40-50 gusting to 60	Depression

## **Warning for north Andhra Pradesh coast and south Odisha**

- (lxiv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh and south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over remaining districts of Andhra Pradesh and north coastal Odisha during the same period.
- (lxv) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra coast and 80-90 kmph along and off south Odisha coast.
- (lxvi) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra coast and very rough to high along and off south Odisha coast.
- (lxvii) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (lxviii) **Damage expected:** Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (lxix) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 0530 hrs IST of 10<sup>th</sup> October, 2014.**

(Naresh Kumar)  
Scientist 'D'  
Ph: 011-24631913, 24652484

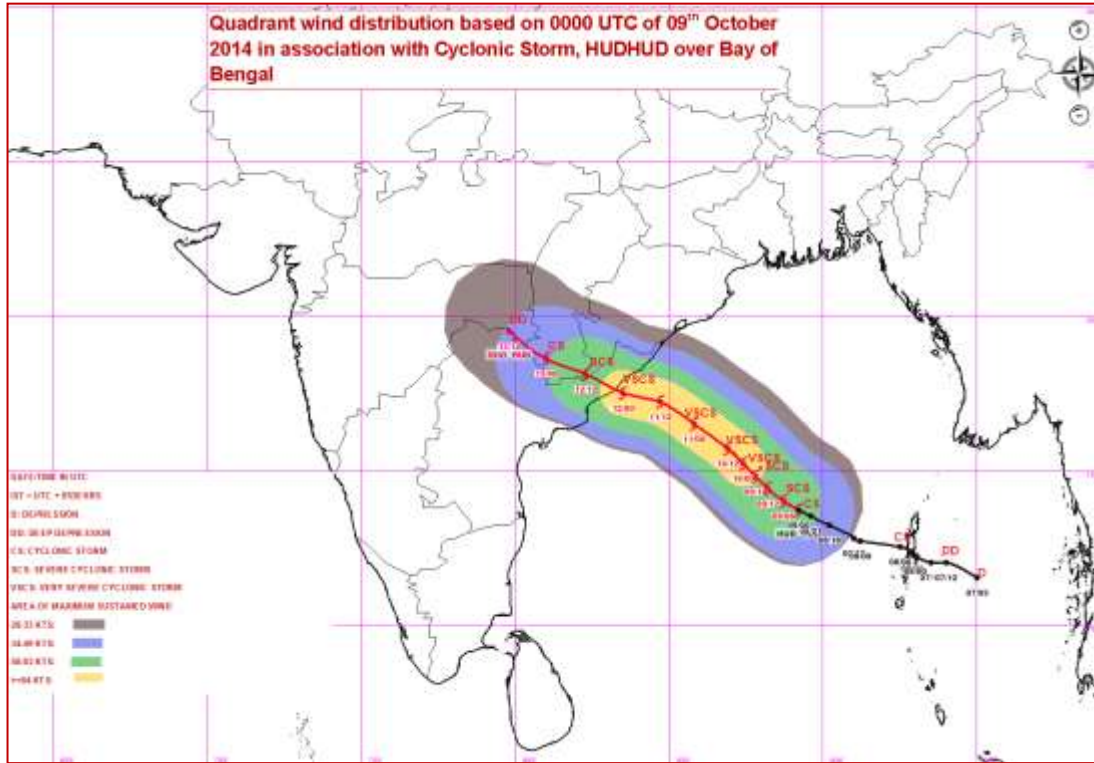
CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)



PS  
TO  
HON'BLE  
MINISTER  
FOR S &  
T AND  
EARTH  
SCIENCE  
S (FAX  
NO.23316  
745)  
SECR  
ETARY,  
MoES,  
(Fax No.  
24629777)  
SECR  
ETARY,  
DST (Fax  
No.  
26863847/  
-2418)  
H.Q.  
(INTEGRA

TED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
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DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 0500 hours IST

Dated: 10.10.2014

Bulletin No.: BOB03/2014/21

Sub: Severe Cyclonic Storm, 'HUDHUD' over westcentral and adjoining eastcentral Bay of Bengal,  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.

The Severe Cyclonic Storm 'HUDHUD' over westcentral & adjoining eastcentral Bay moved northwestwards and lay centered at 0230 hrs IST of 10<sup>th</sup> October 2014 near latitude 14.3°N and longitude 87.7°E over westcentral & adjoining eastcentral Bay about 610 km southeast of Visakhapatnam and 630 km south-southeast of Gopalpur. The system would move west-

northwestwards, intensify further into a very severe cyclonic storm during next 12 hours. Thereafter, system would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

<b>Date/Time(IST)</b>	<b>Position (Lat. °N/ long. °E)</b>	<b>Maximum sustained surface wind speed (kmph)</b>	<b>Category of cyclonic disturbance</b>
10-10-2014/0230	14.3/87.7	100-110 gusting to 120	Severe Cyclonic Storm
10-10-2014/0530	14.5/87.4	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/1130	14.8/86.0	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/1730	15.1/86.6	130-140 gusting to 155	Very Severe Cyclonic Storm
10-10-2014/2330	15.5/86.2	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1130	15.9/85.1	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/2330	16.8/84.0	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1130	17.6/83.0	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/2330	18.4/82.0	60-70 gusting to 80	Deep Depression
13-10-2014/1130	19.2/81.0	40-50 gusting to 60	Depression

## **Warning for north Andhra Pradesh coast and south Odisha**

- (lxx) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh and south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over remaining districts of Andhra Pradesh and north coastal Odisha during the same period.
- (lxxi) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra coast and 80-90 kmph along and off south Odisha coast.
- (lxxii) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra coast and very rough to high along and off south Odisha coast.
- (lxxiii) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (lxxiv) **Damage expected:** Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (lxxv) **Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 0830 hrs IST of 10<sup>th</sup> October, 2014.**

(Naresh Kumar)  
Scientist 'D'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)

Time of issue: 0800 hours IST

Dated: 10.10.2014

Bulletin No.: BOB03/2014/22

**Sub: Severe Cyclonic Storm, 'HUDHUD' over westcentral and adjoining eastcentral Bay of Bengal,  
Cyclone Alert for north coastal Andhra Pradesh & south Odisha coasts.**

The Severe Cyclonic Storm 'HUDHUD' over westcentral & adjoining eastcentral Bay moved northwestwards and lay centered at 0530 hrs IST of 10<sup>th</sup> October 2014 near latitude 14.4°N and longitude 87.6°E over westcentral & adjoining eastcentral Bay about 590 km southeast of Visakhapatnam and 610 km south-southeast of Gopalpur. The system would move west-northwestwards, intensify further into a very severe cyclonic storm during next 12 hours. Thereafter, it would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-10-2014/0530	14.4/87.6	100-110 gusting to 120	Severe Cyclonic Storm
10-10-2014/1130	14.7/87.0	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/1730	15.0/86.6	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/2330	15.3/86.2	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/0530	15.7/85.6	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1730	16.5/84.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0530	17.3/83.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1730	18.0/82.5	80-90 gusting to 100	Cyclonic Storm
13-10-2014/0530	18.8/81.4	50-60 gusting to 70	Deep Depression
13-10-2014/1730	19.6/80.6	30-40 gusting to 50	Depression

## **Warning for north Andhra Pradesh coast and south Odisha**

- (lxxvi) Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh and south Odisha from 11<sup>th</sup> evening onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over remaining districts of Andhra Pradesh and north coastal Odisha during the same period.
- (lxxvii) Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra coast and 80-90 kmph along and off south Odisha coast.
- (lxxviii) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra coast and very rough to high along and off south Odisha coast.
- (lxxix) Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (lxxx) Damage expected:** Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (lxxxi) Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 1130 hrs IST of 10<sup>th</sup> October, 2014.**

(Naresh Kumar)  
Scientist 'D'  
Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)

Time of issue: 1130 hours IST

Dated: 10.10.2014

Bulletin No.: BOB03/2014/23

**Sub: Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north coastal Andhra Pradesh & south Odisha coasts.**

The Severe Cyclonic Storm 'HUDHUD' over westcentral & adjoining eastcentral Bay moved west-northwestwards and lay centered at 0830 hrs IST of 10<sup>th</sup> October 2014 near latitude 14.7°N and longitude 87.2°E over westcentral Bay about 530 km east-southeast of Visakhapatnam and 570 km south-southeast of Gopalpur. The system would move west-northwestwards, intensify further into a very severe cyclonic storm during next 12 hours. Thereafter, it would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-10-2014/0830	14.7/87.2	100-110 gusting to 120	Severe Cyclonic Storm
10-10-2014/1130	15.0/86.8	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/1730	15.3/86.4	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/2330	15.5/86.1	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/0530	15.8/85.6	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1730	16.5/84.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/0530	17.3/83.5	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1730	18.0/82.5	80-90 gusting to 100	Cyclonic Storm
13-10-2014/0530	18.8/81.4	50-60 gusting to 70	Deep Depression
13-10-2014/1730	19.6/80.6	30-40 gusting to 50	Depression

## **Warning for north Andhra Pradesh coast and south Odisha**

- (lxxxii) Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west and east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha commencing from 11<sup>th</sup> onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur and Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.
- (lxxxiii) Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would gradually increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra coast (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).
- (lxxxiv) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra coast and very rough to high along and off south Odisha coast.
- (lxxxv) Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (lxxxvi) Damage expected:** Under the influence of system, extensive damage to kutcha houses. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- (lxxxvii) Action suggested:** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**The next bulletin will be issued at 1430 hrs IST of 10<sup>th</sup> October, 2014.**

(M.Mohapatra)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 1400 hours IST

Dated: 10.10.2014

Bulletin No.: BOB03/2014/24

**Sub: Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Orange Message)**

The Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved west-northwestwards and lay centered at 1130 hrs IST of 10<sup>th</sup> October 2014 near latitude 14.8°N and longitude 87.0°E about 500 km east-southeast of Visakhapatnam and 550 km south-southeast of Gopalpur. The system would move west-northwestwards, intensify further into a very severe cyclonic storm during next 12 hours. Thereafter, it would cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-10-2014/1130	14.8/87.0	110-120 gusting to 130	Severe Cyclonic Storm
10-10-2014/1730	15.1/86.5	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/2330	15.4/86.1	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/0530	15.7/85.6	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1130	16.1/85.1	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/2330	16.7/84.3	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1130	17.6/83.0	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/2330	18.3/82.3	80-90 gusting to 100	Cyclonic Storm
13-10-2014/1130	19.0/81.5	50-60 gusting to 70	Deep Depression
13-10-2014/2330	19.8/80.5	30-40 gusting to 50	Depression



## **Warning for north Andhra Pradesh and south Odisha**

- (lxxxviii) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west and east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha commencing from 11<sup>th</sup> onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur and Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.
- (lxxxix) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would gradually increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).
- (xc) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra Pradesh coast and very rough to high along and off south Odisha coast.
- (xci) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (xcii) **Damage expected:**
- A) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Uprooting of big trees. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes.
- B) **South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees.
- (xciii) **Action suggested:**
- A) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period. Mobilise evacuation from coastal areas.
- B) **South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations.

**The next bulletin will be issued at 1730 hrs IST of 10<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
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SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
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UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 1630 hours IST

Dated: 10.10.2014

Bulletin No.: BOB03/2014/25

Sub: Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Orange Message)

The Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved northwestwards and intensified into a very severe cyclonic storm. It lay centered at 1430 hrs IST of 10<sup>th</sup> October 2014 near latitude 15.0°N and longitude 86.8°E about 470 km east-southeast of Visakhapatnam and 520 km south-southeast of Gopalpur. The system would move west-northwestwards and cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-10-2014/1430	15.0/86.8	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/1730	15.2/86.4	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/2330	15.4/86.0	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/0530	15.7/85.6	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1130	16.1/85.1	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/2330	16.7/84.3	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/1130	17.6/83.0	130-140 gusting to 155	Very Severe Cyclonic Storm
12-10-2014/2330	18.3/82.3	80-90 gusting to 100	Cyclonic Storm
13-10-2014/1130	19.0/81.5	50-60 gusting to 70	Deep Depression
13-10-2014/2330	19.8/80.5	30-40 gusting to 50	Depression



## **Warning for north Andhra Pradesh and south Odisha**

- (xciv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west and east Godavari, Visakhapatnam, Vijayanagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha commencing from 11<sup>th</sup> onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur and Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.
- (xcv) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would gradually increase to 130-140 kmph gusting to 155 kmph from 12<sup>th</sup> morning along and off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).
- (xcvi) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along and off north Andhra Pradesh coast and very rough to high along and off south Odisha coast.
- (xcvii) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (xcviii) **Damage expected:**
- C) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Uprooting of big trees. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes. Damage to agricultural crops.
- D) **South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.
- (xcix) **Action suggested:**
- C) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period. Mobilise evacuation from coastal areas.
- D) **South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations.

**The next bulletin will be issued at 2030 hrs IST of 10<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).





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INDIA METEOROLOGICAL DEPARTMENT

**FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)**

**To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
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DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)**

**Time of issue: 2030 hours IST**

**Dated: 10.10.2014**

**Bulletin No.: BOB03/2014/26**

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Orange Message)**

The Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved northwestwards during past six hours and lay centered at 1730 hrs IST of 10<sup>th</sup> October 2014 near latitude 15.2°N and longitude 86.7°E about 460 km east-southeast of Visakhapatnam and 490 km south-southeast of Gopalpur. The system would move west-northwestwards and cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

<b>Date/Time(IST)</b>	<b>Position (Lat. °N/ long. °E)</b>	<b>Maximum sustained surface wind speed (kmph)</b>	<b>Category of cyclonic disturbance</b>
10-10-2014/1730	15.2/86.7	120-130 gusting to 145	Very Severe Cyclonic Storm
10-10-2014/2330	15.5/86.3	125-135 gusting to 150	Very Severe Cyclonic Storm
11-10-2014/0530	15.8/85.8	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1130	16.2/85.2	135-145 gusting to 160	Very Severe Cyclonic Storm
11-10-2014/1730	16.6/84.7	140-150 gusting to 165	Very Severe Cyclonic Storm
12-10-2014/0530	17.5/83.6	140-150 gusting to 165	Very Severe Cyclonic Storm
12-10-2014/1730	18.4/82.5	90-100 gusting to 110	Cyclonic Storm
13-10-2014/0530	19.5/81.7	45-55 gusting to 65	Depression

## **Warning for north Andhra Pradesh and south Odisha**

- (c) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha commencing from 11<sup>th</sup> onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.
- (ci) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along & off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would gradually increase to 140-150 kmph gusting to 165 kmph from 12<sup>th</sup> morning along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).
- (cii) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha coast.
- (ciii) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (civ) **Damage expected:**
- E) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Uprooting of big trees. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes. Damage to agricultural crops.
- F) **South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.
- (cv) **Action suggested:**
- E) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period. Mobilise evacuation from coastal areas.
- F) **South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**The next bulletin will be issued at 2330 hrs IST of 10<sup>th</sup> October, 2014.**

(M. Mohapatra)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 2300 hours IST

Dated: 10.10.2014

Bulletin No.: BOB03/2014/27

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Orange Message)**

The Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved northwestwards during past six hours and lay centered at 2030 hrs IST of 10<sup>th</sup> October 2014 near latitude 15.4°N and longitude 86.5°E about 430 km east-southeast of Visakhapatnam and 460 km south-southeast of Gopalpur. The system would move west-northwestwards and cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-10-2014/2030	15.4/86.5	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/0230	15.6/86.1	125-135 gusting to 150	Very Severe Cyclonic Storm
11-10-2014/0830	15.8/85.8	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1430	16.2/85.2	135-145 gusting to 160	Very Severe Cyclonic Storm
11-10-2014/2030	16.6/84.7	140-150 gusting to 165	Very Severe Cyclonic Storm
12-10-2014/0830	17.5/83.6	140-150 gusting to 165	Very Severe Cyclonic Storm
12-10-2014/2030	18.4/82.5	90-100 gusting to 110	Cyclonic Storm
13-10-2014/0830	19.5/81.7	45-55 gusting to 65	Depression

## **Warning for north Andhra Pradesh and south Odisha**

- (cvi) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha commencing from 11<sup>th</sup> onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.
- (cvii) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along & off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would gradually increase to 140-150 kmph gusting to 165 kmph from 12<sup>th</sup> morning along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).
- (cviii) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha coast.
- (cix) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (cx) **Damage expected:**
- G) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Uprooting of big trees. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes. Damage to agricultural crops.
- H) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.
- (cxi) **Action suggested:**
- G) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period. Mobilise evacuation from coastal areas.
- H) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**The next bulletin will be issued at 0230 hrs IST of 11<sup>th</sup> October, 2014.**

(Ranjeet Singh)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 0230 hours IST

Dated: 11.10.2014

Bulletin No.: BOB03/2014/28

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Orange Message)**

The Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved northwestwards during past six hours and lay centered at 2330 hrs IST of 10<sup>th</sup> October 2014 near latitude 15.5°N and longitude 86.4°E about 420 km southeast of Visakhapatnam and 450 km south-southeast of Gopalpur. The system would move west-northwestwards and cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-10-2014/2330	15.5/86.4	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/0530	15.7/86.1	125-135 gusting to 150	Very Severe Cyclonic Storm
11-10-2014/1130	15.9/85.8	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1730	16.3/85.2	135-145 gusting to 160	Very Severe Cyclonic Storm
11-10-2014/2330	16.7/84.7	140-150 gusting to 165	Very Severe Cyclonic Storm
12-10-2014/1130	17.6/83.3	140-150 gusting to 165	Very Severe Cyclonic Storm
12-10-2014/2330	18.5/82.5	90-100 gusting to 110	Cyclonic Storm
13-10-2014/1130	19.8/81.7	45-55 gusting to 65	Depression

## **Warning for north Andhra Pradesh and south Odisha**

- (cxii) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha commencing from 11<sup>th</sup> onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.
- (cxiii) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along & off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would gradually increase to 140-150 kmph gusting to 165 kmph from 12<sup>th</sup> morning along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).
- (cxiv) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha coast.
- (cxv) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (cxvi) **Damage expected:**
- I) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Uprooting of big trees. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes. Damage to agricultural crops.
  - J) **South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.
- (cxvii) **Action suggested:**
- I) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period. Mobilise evacuation from coastal areas.
  - J) **South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**The next bulletin will be issued at 0530 hrs IST of 11<sup>th</sup> October, 2014.**

(Ranjeet Singh)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
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SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
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CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 0500 hours IST

Dated: 11.10.2014

Bulletin No.: BOB03/2014/29

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Orange Message)**

The Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved northwestwards during past six hours and lay centered at 0230 hrs IST of 11<sup>th</sup> October 2014 near latitude 15.9°N and longitude 85.9°E about 350 km southeast of Visakhapatnam and 390 km south-southeast of Gopalpur. The system would move west-northwestwards and cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-10-2014/0230	15.9/85.9	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/0830	16.1/85.6	125-135 gusting to 150	Very Severe Cyclonic Storm
11-10-2014/1430	16.4/85.1	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/2030	16.8/84.6	135-145 gusting to 160	Very Severe Cyclonic Storm
12-10-2014/0830	17.4/83.5	140-150 gusting to 165	Very Severe Cyclonic Storm
12-10-2014/2030	17.9/82.6	90-100 gusting to 110	Cyclonic Storm
13-10-2014/0830	18.8/81.5	50-60 gusting to 70	Deep Depression
13-10-2014/2030	20.5/80.5	45-55 gusting to 65	Depression

## **Warning for north Andhra Pradesh and south Odisha**

- (cxviii) Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha commencing from 11<sup>th</sup> onwards. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.
- (cxix) Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along & off north Andhra Pradesh and south Odisha coasts from 11<sup>th</sup> morning onwards. The wind speed would gradually increase to 140-150 kmph gusting to 165 kmph from 12<sup>th</sup> morning along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).
- (cxx) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough from 11<sup>th</sup> morning. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha coast.
- (cxxi) Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (cxxii) Damage expected:**
- K) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Uprooting of big trees. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes. Damage to agricultural crops.
  - L) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.
- (cxxiii) Action suggested:**
- K) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period. Mobilise evacuation from coastal areas.
  - L) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**The next bulletin will be issued at 0830 hrs IST of 11<sup>th</sup> October, 2014.**

(Ranjeet Singh)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
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PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 0830 hours IST

Dated: 11.10.2014

Bulletin No.: BOB03/2014/30

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Orange Message)**

The Very Severe Cyclonic Storm 'HUDHUD' is now lying within the range of Doppler Weather Radar, Visakhapatnam. Hence it is being tracked by Visakhapatnam Radar since early morning of today in addition to satellite and other observational tools.

According to latest observations, the Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved west northwestwards during past six hours and lay centered at 0530 hrs IST of 11<sup>th</sup> October 2014 near latitude 15.9°N and longitude 85.7°E about 330 km southeast of Visakhapatnam and 380 km south-southeast of Gopalpur. The system would move west-northwestwards for some more time. It would then move northwestwards and cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
11-10-2014/0530	15.9/85.7	120-130 gusting to 145	Very Severe Cyclonic Storm
11-10-2014/1130	16.1/85.3	125-135 gusting to 150	Very Severe Cyclonic Storm
11-10-2014/1730	16.4/85.0	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/2330	16.7/84.6	135-145 gusting to 160	Very Severe Cyclonic Storm
12-10-2014/0530	17.1/84.1	140-150 gusting to 165	Very Severe Cyclonic Storm
12-10-2014/1730	18.1/82.9	90-100 gusting to 110	Cyclonic Storm
13-10-2014/0530	19.3/81.5	50-60 gusting to 70	Deep Depression
13-10-2014/1730	21.0/80.5	45-55 gusting to 65	Depression



## **Warning for north Andhra Pradesh and south Odisha**

**(cxxiv) Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

**(cxxv) Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along & off north Andhra Pradesh and south Odisha coasts during next 12 hrs. The wind speed would gradually increase to 140-150 kmph gusting to 165 kmph around the time of landfall along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).

**(cxxvi) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough during next 12 hrs. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha and south Andhra Pradesh coast.

**(cxxvii) Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.

**(cxxviii) Damage expected:**

**M) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutch houses. Uprooting of big trees. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Flooding of escape routes. Damage to agricultural crops.

**N) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**(cxxix) Action suggested:**

**M) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Suspension of fishing operations in area of influence of cyclone. Judicious regulation of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period. Mobilise evacuation from coastal areas.

**N) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**The next bulletin will be issued at 1130 hrs IST of 11<sup>th</sup> October, 2014.**

(M.MOHAPATRA)

Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 1130 hours IST

Dated: 11.10.2014

Bulletin No.: BOB03/2014/31

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Orange Message)**

The Very Severe Cyclonic Storm 'HUDHUD' is now lying within the range of Doppler Weather Radar, Visakhapatnam. Hence it is being tracked by Visakhapatnam Radar since early morning of today in addition to satellite and other observational tools. In association with the system, light to moderate rainfall has commenced over coast to the north of Kalingapatnam in Andhra Pradesh and over coastal Odisha.

According to latest observations, the Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved westwards during past six hours and lay centered at 0830 hrs IST of 11<sup>th</sup> October 2014 near latitude 15.9°N and longitude 85.4°E, about 300 km southeast of Visakhapatnam and 380 km south-southeast of Gopalpur. The system would move west-northwestwards for some more time. It would then move northwestwards and cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
11-10-2014/0830	15.9/85.4	130-140 gusting to 155	Very Severe Cyclonic Storm
11-10-2014/1130	16.1/85.3	140-150 gusting to 165	Very Severe Cyclonic Storm
11-10-2014/1730	16.4/85.0	150-160 gusting to 175	Very Severe Cyclonic Storm
11-10-2014/2330	16.7/84.6	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/0530	17.1/84.1	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1730	18.1/82.9	90-100 gusting to 110	Cyclonic Storm
13-10-2014/0530	19.3/81.5	50-60 gusting to 70	Deep Depression
13-10-2014/1730	21.0/80.5	45-55 gusting to 65	Depression

**Warning for north Andhra Pradesh and south Odisha**

**(cxxx) Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

**(cxxxii) Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along & off north Andhra Pradesh and south Odisha coasts during next 12 hrs. The wind speed would gradually increase to 170-180 kmph gusting to 195 kmph around the time of landfall along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).

**(cxxxiii) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough during next 12 hrs. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha and south Andhra Pradesh coast.

**(cxxxiv) Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.

**(cxxxv) Damage expected:**

**O) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutch houses. Some damage to old buildings. Large scale disruption of power and communication lines. Disruption of rail and road traffic due to extensive flooding. Potential threat from flying debris. Damage to agricultural crops.

**P) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**(cxxxvi) Action suggested:**

**O) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Total suspension of fishing operations in area of influence of cyclone. Mobilise extensive evacuation from coastal areas. Diversion or suspension of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**P) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**Post landfall outlook:** Even after landfall the system would maintain the intensity of very severe cyclonic storm for 6 hours and gradually weaken into a cyclonic storm in subsequent 6 hours while moving northwestwards across south interior Odisha and Chattisgarh. Under its influence rainfall at most places with heavy falls at a few places would occur over south Chattisgarh adjoining Telangana and south Odisha and isolated heavy to very heavy falls over north Chattisgarh and north Odisha. Gale wind speed reaching 100-120 kmph gusting to 130 kmph would also prevail for 6 hours and 80-90 kmph gusting to 100 kmph for subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput and Malkangiri districts of Odisha during the same period. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would also prevail for next 12 hours over south Chattisgarh and adjoining districts of north Telangana and south Odisha.

**The next bulletin will be issued at 1430 hrs IST of 11<sup>th</sup> October, 2014.**

(M.Mohapatra)

Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatanam /CWC Bhubaneswar/M.O. Port Blair/Command M. O Visakhapatanam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
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CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 1430 hours IST

Dated: 11.10.2014

Bulletin No.: BOB03/2014/32

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Red Message)**

According to latest observations, the Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved west-northwestwards during past six hours and lay centered at 1130 hrs IST of 11<sup>th</sup> October 2014 near latitude 16.1°N and longitude 85.1°E, about 260 km southeast of Visakhapatnam and 350 km south-southeast of Gopalpur. The system would move northwestwards and cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
11-10-2014/1130	16.1/85.1	155-165 gusting to 180	Very Severe Cyclonic Storm
11-10-2014/1730	16.3/84.9	155-165 gusting to 180	Very Severe Cyclonic Storm
11-10-2014/2330	16.7/84.6	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/0530	17.1/84.1	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1130	18.0/83.1	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/2330	18.9/82.1	80-90 gusting to 100	Cyclonic Storm
13-10-2014/1130	19.6/81.0	50-60 gusting to 70	Deep Depression

**Warning for north Andhra Pradesh and south Odisha**

(cxxxvi) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall

would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

**(cxxxvii) Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along & off north Andhra Pradesh and south Odisha coasts during next 12 hrs. The wind speed would gradually increase to 170-180 kmph gusting to 195 kmph around the time of landfall along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).

**(cxxxviii) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough during next 12 hrs. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha and south Andhra Pradesh coast.

**(cxxxix) Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.

**(cxl) Damage expected:**

**Q) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutchha houses. Some damage to old buildings. Large scale disruption of power and communication lines. Disruption of rail and road traffic due to extensive flooding. Potential threat from flying debris. Damage to agricultural crops.

**R) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**(cxli) Action suggested:**

**Q) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Total suspension of fishing operations in area of influence of cyclone. Mobilise extensive evacuation from coastal areas. Diversion or suspension of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**R) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**Post landfall outlook:** Even after landfall the system would maintain the intensity of very severe cyclonic storm for 6 hours and gradually weaken into a cyclonic storm in subsequent 6 hours while moving northwestwards across south interior Odisha and Chattisgarh. Under its influence rainfall at most places with heavy falls at a few places would occur over south Chattisgarh, adjoining Telangana and south Odisha and isolated heavy to very heavy falls over north Chattisgarh and north Odisha. Gale wind speed reaching 100-120 kmph gusting to 130 kmph would also prevail for 6 hours after landfall and 80-90 kmph gusting to 100 kmph for subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput and Malkangiri districts of Odisha during the same period. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would also prevail for next 12 hours after landfall over south Chattisgarh and adjoining districts of north Telangana and south Odisha.

**The next bulletin will be issued at 1730 hrs IST of 11<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).





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INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
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CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 1630 hours IST

Dated: 11.10.2014

Bulletin No.: BOB03/2014/33

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Red Message)**

According to latest observations, the Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved west-northwestwards during past six hours and lay centered at 1430 hrs IST of 11<sup>th</sup> October 2014 near latitude 16.1°N and longitude 85.0°E, about 250 km southeast of Visakhapatnam and 340 km south-southeast of Gopalpur. The system would move northwestwards and cross north Andhra Pradesh coast around Visakhapatnam by the forenoon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
11-10-2014/1430	16.1/85.0	155-165 gusting to 180	Very Severe Cyclonic Storm
11-10-2014/1730	16.3/84.9	155-165 gusting to 180	Very Severe Cyclonic Storm
11-10-2014/2330	16.7/84.6	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/0530	17.1/84.1	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1130	17.5/83.6	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/2330	18.5/82.5	80-90 gusting to 100	Cyclonic Storm
13-10-2014/1130	19.5/81.2	50-60 gusting to 70	Deep Depression

**Warning for north Andhra Pradesh and south Odisha**

(cxl) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall would occur at

most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

**(cxliv) Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along & off north Andhra Pradesh and south Odisha coasts during next 12 hrs. The wind speed would gradually increase to 170-180 kmph gusting to 195 kmph around the time of landfall along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of south Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).

**(cxlv) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough during next 12 hrs. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha and south Andhra Pradesh coast.

**(cxlv) Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.

**(cxlvi) Damage expected:**

**S) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Some damage to old buildings. Large scale disruption of power and communication lines. Disruption of rail and road traffic due to extensive flooding. Potential threat from flying debris. Damage to agricultural crops.

**T) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**(cxlvii) Action suggested:**

**S) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Total suspension of fishing operations in area of influence of cyclone. Mobilise extensive evacuation from coastal areas. Diversion or suspension of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**T) South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**Post landfall outlook:** Even after landfall the system would maintain the intensity of very severe cyclonic storm for 6 hours and gradually weaken into a cyclonic storm in subsequent 6 hours while moving northwestwards across south interior Odisha and Chattisgarh. Under its influence rainfall at most places with heavy falls at a few places would occur over south Chattisgarh, adjoining Telangana and south Odisha and isolated heavy to very heavy falls over north Chattisgarh and north Odisha. Gale wind speed reaching 100-120 kmph gusting to 130 kmph would also prevail for 6 hours after landfall and 80-90 kmph gusting to 100 kmph for subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput and Malkangiri districts of Odisha during the same period. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would also prevail for next 12 hours after landfall over south Chattisgarh and adjoining districts of north Telangana and south Odisha.

**The next bulletin will be issued at 2030 hrs IST of 11<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 2000 hours IST

Dated: 11.10.2014

Bulletin No.: BOB03/2014/34

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Red Message)**

According to latest observations, the Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved west-northwestwards during past six hours and lay centered at 1730 hrs IST of 11<sup>th</sup> October 2014 near latitude 16.2°N and longitude 84.8°E, about 230 km southeast of Visakhapatnam and 340 km south-southeast of Gopalpur. The system would move northwestwards and cross north Andhra Pradesh coast close to Visakhapatnam around noon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
11-10-2014/1730	16.2/84.8	155-165 gusting to 180	Very Severe Cyclonic Storm
11-10-2014/2330	16.5/84.3	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/0530	16.9/83.8	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1130	17.6/83.3	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1730	18.2/82.8	90-100 gusting to 110	Severe Cyclonic Storm
13-10-2014/0530	19.3/81.8	50-60 gusting to 70	Deep Depression

**Warning for north Andhra Pradesh and south Odisha**

(cxlviii) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

- (cxlix) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along & off north Andhra Pradesh and south Odisha coasts during next 06 hrs and wind speed reaching 60-70 kmph gusting to 85 kmph during the subsequent 06 hours. The wind speed would gradually increase to 170-180 kmph gusting to 195 kmph around the time of landfall along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of Andhra Pradesh (West Godavari & Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).
- (cl) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough during next 06 hrs. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha and south Andhra Pradesh coast.
- (cli) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (clii) **Damage expected:**
- U) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Some damage to old buildings. Large scale disruption of power and communication lines. Disruption of rail and road traffic due to extensive flooding. Potential threat from flying debris. Damage to agricultural crops.
- V) **West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.
- (cliii) **Action suggested:**
- U) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Total suspension of fishing operations in area of influence of cyclone. Mobilise extensive evacuation from coastal areas. Diversion or suspension of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.
- V) **West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**Post landfall outlook:** Even after landfall the system would maintain the intensity of very severe cyclonic storm for 6 hours and gradually weaken into a cyclonic storm in subsequent 6 hours while moving northwestwards across south interior Odisha and Chattisgarh. Under its influence rainfall at most places with heavy falls at a few places would occur over south Chattisgarh, adjoining Telangana and south Odisha and isolated heavy to very heavy falls over north Chattisgarh and north Odisha. Gale wind speed reaching 100-120 kmph gusting to 130 kmph would also prevail for 6 hours after landfall and 80-90 kmph gusting to 100 kmph for subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput and Malkangiri districts of Odisha during the same period. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would also prevail for next 12 hours after landfall over south Chattisgarh and adjoining districts of north Telangana and south Odisha.

**The next bulletin will be issued at 2330 hrs IST of 11<sup>th</sup> October, 2014.**

(Charan Singh)

Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
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SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 2300 hours IST

Dated: 11.10.2014

Bulletin No.: BOB03/2014/35

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Red Message)**

According to latest observations, the Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal remained practically stationary during the last 03 hours and lay centered at 2030 hrs IST of 11<sup>th</sup> October 2014 near latitude 16.2°N and longitude 84.8°E, about 230 km southeast of Visakhapatnam and 340 km south-southeast of Gopalpur. The system would move northwestwards and cross north Andhra Pradesh coast close to Visakhapatnam around noon of 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
11-10-2014/2030	16.2/84.8	155-165 gusting to 180	Very Severe Cyclonic Storm
12-10-2014/0230	16.5/84.3	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/0830	16.9/83.8	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1430	17.6/83.3	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/2030	18.2/82.8	90-100 gusting to 110	Severe Cyclonic Storm
13-10-2014/0830	19.3/81.8	50-60 gusting to 70	Deep Depression

**Warning for north Andhra Pradesh and south Odisha**

(cliv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

- (clv) **Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along & off north Andhra Pradesh and south Odisha coasts during next 06 hrs and wind speed reaching 60-70 kmph gusting to 85 kmph during the subsequent 06 hours. The wind speed would gradually increase to 170-180 kmph gusting to 195 kmph around the time of landfall along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of Andhra Pradesh (West Godavari & Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).
- (clvi) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough during next 06 hrs. It would gradually become phenomenal from 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha and south Andhra Pradesh coast.
- (clvii) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (clviii) **Damage expected:**
- W) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Some damage to old buildings. Large scale disruption of power and communication lines. Disruption of rail and road traffic due to extensive flooding. Potential threat from flying debris. Damage to agricultural crops.
- X) **West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.
- (clix) **Action suggested:**
- W) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Total suspension of fishing operations in area of influence of cyclone. Mobilise extensive evacuation from coastal areas. Diversion or suspension of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.
- X) **West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**Post landfall outlook:** Even after landfall the system would maintain the intensity of very severe cyclonic storm for 6 hours and gradually weaken into a cyclonic storm in subsequent 6 hours while moving northwestwards across south interior Odisha and Chattisgarh. Under its influence rainfall at most places with heavy falls at a few places would occur over south Chattisgarh, adjoining Telangana and south Odisha and isolated heavy to very heavy falls over north Chattisgarh and north Odisha. Gale wind speed reaching 100-120 kmph gusting to 130 kmph would also prevail for 6 hours after landfall and 80-90 kmph gusting to 100 kmph for subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput and Malkangiri districts of Odisha during the same period. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would also prevail for next 12 hours after landfall over south Chattisgarh and adjoining districts of north Telangana and south Odisha.

**The next bulletin will be issued at 0230 hrs IST of 12<sup>th</sup> October, 2014.**

(Charan Singh)

Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
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CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 0230 hours IST

Dated: 12.10.2014

Bulletin No.: BOB03/2014/36

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal,  
Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Red Message)**

According to latest observations, the Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved slightly north-northwestwards with a speed of about 6 kmph during the last 06 hours and lay centered at 2330 hrs IST of 11<sup>th</sup> October 2014 near latitude 16.4°N and longitude 84.7°E, about 210 km southeast of Visakhapatnam and 320 km south of Gopalpur. The system would move northwestwards and cross north Andhra Pradesh coast close to Visakhapatnam around noon of today, the 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
11-10-2014/2330	16.4/84.7	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/0530	16.8/84.1	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/1130	17.3/83.5	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1730	17.8/83.1	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/2330	18.4/82.7	90-100 gusting to 110	Severe Cyclonic Storm
13-10-2014/1130	19.7/82.0	50-60 gusting to 70	Deep Depression

**Warning for north Andhra Pradesh and south Odisha**

(clx) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5 – 12.4 cm) to very heavy falls (12.5 – 24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

- (clxi) **Wind warning:** Wind speed reaching 60-70 kmph gusting to 80 kmph would prevail along & off north Andhra Pradesh and south Odisha coasts during next 06 hrs. The wind speed would gradually increase to 170-180 kmph gusting to 195 kmph around the time of landfall along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of Andhra Pradesh (West Godavari & Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).
- (clxii) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough during next 06 hrs. It would gradually become phenomenal from today, the 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha and south Andhra Pradesh coast.
- (clxiii) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.
- (clxiv) **Damage expected:**
- Y) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Some damage to old buildings. Large scale disruption of power and communication lines. Disruption of rail and road traffic due to extensive flooding. Potential threat from flying debris. Damage to agricultural crops.
- Z) **West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.
- (clxv) **Action suggested:**
- Y) **North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Total suspension of fishing operations in area of influence of cyclone. Mobilise extensive evacuation from coastal areas. Diversion or suspension of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.
- Z) **West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**Post landfall outlook:** Even after landfall the system would maintain the intensity of very severe cyclonic storm for 6 hours and gradually weaken into a cyclonic storm in subsequent 6 hours while moving northwestwards across south interior Odisha and Chattisgarh. Under its influence rainfall at most places with heavy falls at a few places would occur over south Chattisgarh, adjoining Telangana and south Odisha and isolated heavy to very heavy falls over north Chattisgarh and north Odisha. Gale wind speed reaching 100-120 kmph gusting to 130 kmph would also prevail for 6 hours after landfall and 80-90 kmph gusting to 100 kmph for subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput and Malkangiri districts of Odisha during the same period. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would also prevail for next 12 hours after landfall over south Chattisgarh and adjoining districts of north Telangana and south Odisha.

**The next bulletin will be issued at 0530 hrs IST of 12<sup>th</sup> October, 2014.**

(Charan Singh)  
Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
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CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 0500 hours IST

Dated: 12.10.2014

(Modified) Bulletin No.: BOB03/2014/37

**Sub:** Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal, Cyclone Warning for north Andhra Pradesh & south Odisha coasts (Red Message)

According to latest observations, the Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved northwestwards with a speed of about 8 kmph during the last 09 hours and lay centered at 0230 hours IST of 12<sup>th</sup> October 2014 near latitude 16.8°N and longitude 84.4°E, about 160 km southeast of Visakhapatnam and 280 km south-southwest of Gopalpur. The system would move northwestwards and cross north Andhra Pradesh coast close to Visakhapatnam around noon of today, the 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
12-10-2014/0230	16.8/84.4	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/0530	17.0/84.1	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/1130	17.3/83.5	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1730	17.8/83.1	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/2330	18.4/82.7	90-100 gusting to 110	Severe Cyclonic Storm
13-10-2014/1130	19.7/82.0	50-60 gusting to 70	Deep Depression

**Warning for north Andhra Pradesh and south Odisha**

(clxvi) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places and isolated extremely heavy falls (≥ 24.5 cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

(clxvii) **Wind warning:** Wind speed reaching 70-80 kmph gusting to 90 kmph would prevail along & off north Andhra Pradesh and south Odisha coasts during next 06 hours. The wind speed would gradually increase to 170-180 kmph gusting to 195 kmph around the time of landfall along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of Andhra Pradesh (West Godavari & Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).

(clxviii) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough to very rough during next few hours. It would gradually become phenomenal from today, the 12<sup>th</sup> morning onwards along & off north Andhra Pradesh coast and very rough to high along & off south Odisha and south Andhra Pradesh coast during next 24 hours.

(clxix) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.

(clxx) **Damage expected:**

**AA) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Some damage to old buildings. Large scale disruption of power and communication lines. Disruption of rail and road traffic due to extensive flooding. Potential threat from flying debris. Damage to agricultural crops.

**BB) West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

(clxxi) **Action suggested:**

**AA) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Total suspension of fishing operations in area of influence of cyclone. Mobilise extensive evacuation from coastal areas. Diversion or suspension of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**BB) West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**Post landfall outlook:** Even after landfall the system would maintain the intensity of very severe cyclonic storm for 6 hours and gradually weaken into a cyclonic storm in subsequent 6 hours while moving northwestwards across south interior Odisha and Chattisgarh. Under its influence rainfall at most places with heavy falls at a few places would occur over south Chattisgarh, adjoining Telangana and south Odisha and isolated heavy to very heavy falls over north Chattisgarh and north Odisha. Gale wind speed reaching 100-120 kmph gusting to 130 kmph would also prevail for 6 hours after landfall and 80-90 kmph gusting to 100 kmph for subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput and Malkangiri districts of Odisha during the same period. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would also prevail for next 12 hours after landfall over south Chattisgarh and adjoining districts of north Telangana and south Odisha.

**The next bulletin will be issued at 0830 hrs IST of 12<sup>th</sup> October, 2014.**

(Charan Singh)  
Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 0630 hours IST

Dated: 12.10.2014

Bulletin No.:

BOB03/2014/38

**Sub:** Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal, Cyclone Warning for north Andhra Pradesh & south Odisha coasts (**Red Message**) and post landfall outlook.

The Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved northwestwards with a speed of about 15 kmph during the last 06 hours and lay centered at 0530 hours IST of 12<sup>th</sup> October 2014 near latitude 17.2°N and longitude 84.2°E, about 100 km southeast of Visakhapatnam and 240 km south-southwest of Gopalpur. The system would move northwestwards and cross north Andhra Pradesh coast close to Visakhapatnam around noon of today, the 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
12-10-2014/0530	17.2/84.2	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1130	17.8/83.6	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1730	18.2/83.2	160-170 gusting to 185	Very Severe Cyclonic Storm
12-10-2014/2330	18.7/82.7	90-100 gusting to 110	Severe Cyclonic Storm
13-10-2014/1130	19.2/82.2	50-60 gusting to 70	Deep Depression
13-10-2014/1730	20.0/81.5	40-50 gusting to 60	Depression

**Warning for north Andhra Pradesh and south Odisha**

(clxxii) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places and isolated extremely heavy falls (≥ 24.5 cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall would occur at

most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

**(clxxiii) Wind warning:** Gale wind speed upto to 170-180 kmph gusting to 195 kmph would prevail along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) 80-90 kmph along and off adjoining districts of Andhra Pradesh (West Godavari & Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).

**(clxxiv) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be phenomenal along & off north Andhra Pradesh coast and high along & off south Odisha and south Andhra Pradesh coast during next 24 hours.

**(clxxv) Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.

**(clxxvi) Damage expected:**

**CC) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Some damage to old buildings. Large scale disruption of power and communication lines. Disruption of rail and road traffic due to extensive flooding. Potential threat from flying debris. Damage to agricultural crops.

**DD) West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**(clxxvii) Action suggested:**

**CC) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Total suspension of fishing operations in area of influence of cyclone. Mobilise extensive evacuation from coastal areas. Diversion or suspension of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**DD) West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**Post landfall outlook:** Even after landfall the system would maintain the intensity of very severe cyclonic storm for 6 hours and gradually weaken into a cyclonic storm in subsequent 6 hours while moving northwestwards across south interior Odisha and Chattisgarh. Under its influence rainfall at most places with heavy falls at a few places would occur over south Chattisgarh, adjoining Telangana and south Odisha and isolated heavy to very heavy falls over north Chattisgarh and north Odisha. Gale wind speed reaching 100-120 kmph gusting to 130 kmph would also prevail for 6 hours after landfall and 80-90 kmph gusting to 100 kmph for subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput and Malkangiri districts of Odisha during the same period. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would also prevail for next 12 hours after landfall over south Chattisgarh and adjoining districts of north Telangana and south Odisha.

**The next bulletin will be issued at 1130 hrs IST of 12<sup>th</sup> October, 2014.**

(M.Mohapatra)  
Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
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SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 0930 hours IST

Dated: 12.10.2014

Bulletin No.:

BOB03/2014/39

**Sub:** Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal, Cyclone Warning for north Andhra Pradesh & south Odisha coasts (**Red Message**) and post landfall outlook.

The Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved west-northwestwards with a speed of about 15 kmph during the last 06 hours and lay centered at 0830 hours IST of 12<sup>th</sup> October 2014 near latitude 17.4°N and longitude 83.8°E, about 60 km east-southeast of Visakhapatnam. The system would move west-northwestwards and cross north Andhra Pradesh coast close to Visakhapatnam around noon of today, the 12<sup>th</sup> October 2014.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
12-10-2014/0830	17.4/83.8	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1130	17.8/83.5	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1730	18.2/83.3	100-120 gusting to 130	Severe Cyclonic Storm
12-10-2014/2330	18.7/82.7	80-90 gusting to 100	Cyclonic Storm
13-10-2014/0530	19.2/82.2	55-65 gusting to 75	Deep Depression
13-10-2014/1730	20.0/81.5	40-50 gusting to 60	Depression

**Warning for north Andhra Pradesh and south Odisha**

(clxxviii) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall

would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

**(clxxxix) Wind warning:** Gale wind speed upto to 170-180 kmph gusting to 195 kmph would prevail along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) 80-90 kmph along and off adjoining districts of Andhra Pradesh (West Godavari & Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).

**(clxxx) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be phenomenal along & off north Andhra Pradesh coast and high along & off south Odisha and south Andhra Pradesh coast during next 24 hours.

**(clxxxii) Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.

**(clxxxiii) Damage expected:**

**EE) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Some damage to old buildings. Large scale disruption of power and communication lines. Disruption of rail and road traffic due to extensive flooding. Potential threat from flying debris. Damage to agricultural crops.

**FF) West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**(clxxxiii) Action suggested:**

**EE) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Total suspension of fishing operations in area of influence of cyclone. Mobilise extensive evacuation from coastal areas. Diversion or suspension of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**FF) West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**Post landfall outlook:** Even after landfall the system would maintain the intensity of very severe cyclonic storm for 6 hours and gradually weaken into a cyclonic storm in subsequent 6 hours while moving northwestwards across south interior Odisha and Chattisgarh. Under its influence rainfall at most places with heavy falls at a few places would occur over south Chattisgarh, adjoining Telangana and south Odisha and isolated heavy to very heavy falls over north Chattisgarh and north Odisha. Gale wind speed reaching 100-120 kmph gusting to 130 kmph would also prevail for 6 hours after landfall and 80-90 kmph gusting to 100 kmph for subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput and Malkangiri districts of Odisha during the same period. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would also prevail for next 12 hours after landfall over south Chattisgarh and adjoining districts of north Telangana and south Odisha.

**The next bulletin will be issued at 1230 hrs IST of 12<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
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SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
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CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 1230 hours IST

Dated: 12.10.2014

Bulletin No.:

**BOB03/2014/40**

**Sub:** Very Severe Cyclonic Storm, 'HUDHUD' over westcentral Bay of Bengal, Cyclone Warning for north Andhra Pradesh & south Odisha coasts (**Red Message**) and post landfall outlook.

The Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved west-northwestwards with a speed of about 15 kmph during the last 06 hours and lay centered at 1130 hours IST of 12<sup>th</sup> October 2014 near latitude 17.6°N and longitude 83.2°E, close to Visakhapatnam. The system is crossing the coast.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
12-10-2014/1130	17.6/83.2	170-180 gusting to 195	Very Severe Cyclonic Storm
12-10-2014/1730	18.2/82.7	100-120 gusting to 130	Severe Cyclonic Storm
12-10-2014/2330	18.7/82.2	80-90 gusting to 100	Cyclonic Storm
13-10-2014/0530	19.2/81.7	55-65 gusting to 75	Deep Depression
13-10-2014/1130	19.7/81.2	40-50 gusting to 60	Depression

**Warning for north Andhra Pradesh and south Odisha**

(clxxxiv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 48 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, Guntur & Prakasham districts of Andhra Pradesh and north coastal Odisha during the same period.

(clxxxv) **Wind warning:** Gale wind speed upto to 170-180 kmph gusting to 195 kmph would prevail along & off north Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) 80-90 kmph along and off adjoining districts of Andhra Pradesh (West Godavari & Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).

(clxxxvi) **Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be phenomenal along & off north Andhra Pradesh coast and high along & off south Odisha and south Andhra Pradesh coast during next 24 hours.

(clxxxvii) **Storm surge warning:** Storm surge of about 1-2 meters above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh at the time of landfall.

(clxxxviii) **Damage expected:**

**GG) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Under the influence of system, extensive damage to kutcha houses. Some damage to old buildings. Large scale disruption of power and communication lines. Disruption of rail and road traffic due to extensive flooding. Potential threat from flying debris. Damage to agricultural crops.

**HH) West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

(clxxxix) **Action suggested:**

**GG) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Total suspension of fishing operations in area of influence of cyclone. Mobilise extensive evacuation from coastal areas. Diversion or suspension of aviation, navigation, rail and road traffic. People in affected areas to remain at safe places around landfall period.

**HH) West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Total suspension of fishing operations. People in affected areas to remain at safe places.

**Post landfall outlook:** Even after landfall the system would maintain the intensity of very severe cyclonic storm for 6 hours and gradually weaken into a cyclonic storm in subsequent 6 hours while moving northwestwards across south interior Odisha and Chattisgarh. Under its influence rainfall at most places with heavy falls at a few places would occur over south Chattisgarh, adjoining Telangana and south Odisha and isolated heavy to very heavy falls over north Chattisgarh, east Madhya Pradesh and north Odisha. Gale wind speed reaching 100-120 kmph gusting to 130 kmph would also prevail for 6 hours after landfall and 80-90 kmph gusting to 100 kmph for subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput and Malkangiri districts of Odisha during the same period. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would also prevail for next 12 hours after landfall over south Chattisgarh and adjoining districts of north Telangana and south Odisha.

**The next bulletin will be issued at 1530 hrs IST of 12<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).





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INDIA METEOROLOGICAL DEPARTMENT

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PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND (FAX NO. 03192-232656)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT OF PUDUCHERRY (FAX No. 0413-2337575)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 1700 hours IST

Dated: 12.10.2014

Bulletin No.:

**BOB03/2014/41**

**Sub: Very Severe Cyclonic Storm, 'HUDHUD' over Andhra Pradesh**

The Very Severe Cyclonic Storm 'HUDHUD' over westcentral Bay of Bengal moved west-northwestwards, crossed Andhra Pradesh coast over Visakhapatnam between 1200 and 1300 hrs IST and lay centered at 1430 hours IST of 12<sup>th</sup> October 2014 near latitude 17.8°N and longitude 83.0°E, about 30 km west-northwest of Visakhapatnam. It would move northwestwards and weaken gradually.

ESTIMATED TRACK AND INTENSITY OF THE SYSTEM ARE GIVEN IN THE TABLE BELOW:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
12-10-2014/1430	17.8/83.0	130-140 gusting to 150	Very Severe Cyclonic Storm
12-10-2014/1730	18.2/82.7	90-100 gusting to 110	Severe Cyclonic Storm
12-10-2014/2330	19.0/82.0	70-80 gusting to 90	Cyclonic Storm
13-10-2014/0530	19.8/81.2	50-60 gusting to 70	Deep Depression
13-10-2014/1130	20.7/80.5	30-40 gusting to 50	Depression

**Warning for north Andhra Pradesh and south Odisha**

(cxc) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places and isolated extremely heavy falls ( $\geq 24.5$  cm) would occur over west & east Godavari, Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 24 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over

Krishna, Guntur & Prakasham districts of Andhra Pradesh and north Odisha during the same period.

Rainfall at most places with heavy falls at a few places would occur over south Chattisgarh, adjoining Telangana and isolated heavy to very heavy falls over north Chattisgarh, east Madhya Pradesh, Jharkhand and Bihar.

**(cxcii) Wind warning:** Current gale wind speed reaching 130-140 kmph gusting to 150 kmph would decrease gradually to 100-110 kmph gusting to 120 kmph during next 3 hours and to 80-90 kmph during subsequent 6 hours over East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh. Wind speed of 80-90 kmph gusting to 100 kmph would prevail over Koraput, Malkangiri, Nabarangpur and Rayagada districts during next 6 hrs and 50 to 60 kmph during subsequent 12 hrs. Squally wind speed reaching upto 55-65 kmph gusting to 75 kmph would also prevail along and off West Godavari & Krishna districts of Andhra Pradesh, Ganjam & Gajapati districts of Odisha, south Chattisgarh and adjoining districts of north Telangana during next 12 hours.

**(cxciii) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be very high along & off north Andhra Pradesh coast and very rough along & off south Odisha and south Andhra Pradesh coast during next 12 hours. It will gradually improve to rough by tomorrow morning along these coasts

**(cxciv) Storm surge warning:** Storm surge of about 0.5 to 1 meter above astronomical tide would inundate low lying areas of Visakhapatnam, Vijayanagaram and Srikakulam districts of north coastal Andhra Pradesh during next three hours.

**(cxcv) Damage expected:**

**II) North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts):** Extensive damage to kutcha houses. Some damage to old buildings. Partial disruption of power and communication lines. Minor disruption of rail and road traffic. Potential threat from flying debris. Damage to agricultural crops.

**JJ) West Godavari & Krishna districts of Andhra Pradesh and south Odisha coasts (Ganjam, Gajapati, Koraput and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**The next bulletin will be issued at 2030 hrs IST of 12<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 2030 hours IST

Dated: 12.10.2014

Bulletin No.:

BOB03/2014/42

Sub: Very Severe Cyclonic Storm, 'HUDHUD' over north Andhra Pradesh

The Very Severe Cyclonic Storm 'HUDHUD' over north Andhra Pradesh moved northwestwards, weakened into a Severe Cyclonic Storm and lay centered over north Andhra Pradesh at 1730 hours IST of 12<sup>th</sup> October 2014 near latitude 18.0°N and longitude 82.7°E, about 140 km south-southeast of Jagdalpur and 65 km northwest of Visakhapatnam. It would continue to move northwestwards and weaken further into a Cyclonic Storm during next six hours and into a Depression during subsequent 12 hours.

Estimated track and intensity of the system are given in the table below:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
12-10-2014/1730	18.0/82.7	90-100 gusting to 110	Severe Cyclonic Storm
12-10-2014/2330	18.4/82.2	70-80 gusting to 90	Cyclonic Storm
13-10-2014/0530	18.9/81.7	50-60 gusting to 70	Deep Depression
13-10-2014/1130	19.5/81.2	35-45 gusting to 50	Depression

**Warning for north Andhra Pradesh and south Odisha**

(cxcv) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places would occur over Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 24 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, east Godavari districts of Andhra Pradesh and remaining districts of Odisha during the same period.

Rainfall at most places with heavy falls at a few places would occur over south Chattisgarh during next 24 hrs and isolated heavy to very heavy falls over north Chattisgarh, east Madhya Pradesh, Jharkhand and Bihar during next 48 hrs.

**(cxcvi) Wind warning:** Gale wind speed reaching 90-100 kmph gusting to 110 kmph would prevail about 50 km around system centre and wind speed of 70-80 kmph gusting to 90 kmph would prevail over Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh, Koraput, Malkangiri, Nabarangpur and Rayagada districts during next 6 hrs, gradually decrease thereafter and become insignificant in subsequent 12 hrs. Squally wind speed reaching upto 50-60 kmph gusting to 70 kmph would also prevail along and off Ganjam & Gajapati districts of Odisha, south Chattisgarh and during next 12 hours.

**(cxcvii) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be high along & off north Andhra Pradesh coast and very rough along & off south Odisha coast during next 6 hours. It will gradually improve to rough by tomorrow morning along these coasts.

**(cxcviii) Damage expected:**

**KK) North Andhra Pradesh (Visakhapatnam, Vizianagaram and Srikakulam districts):**

Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**LL) Odisha (Koraput, Nabarangpur, Rayagada and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**The next bulletin will be issued at 2330 hrs IST of 12<sup>th</sup> October, 2014.**

(M. Mohapatra)  
Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

**FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)**

**To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)**

**Time of issue: 2330 hours IST**

**Dated: 12.10.2014**

**Bulletin No.:**

**BOB03/2014/43**

**Sub: Cyclonic Storm, 'HUDHUD' over north Andhra Pradesh & adjoining south Odisha**

The Severe Cyclonic Storm 'HUDHUD' over north Andhra Pradesh moved north-northwestwards, weakened further into a Cyclonic Storm and lay centered at 2030 hours IST of 12<sup>th</sup> October 2014 over north Andhra Pradesh & adjoining south Odisha near latitude 18.2°N and longitude 82.6°E, about 115 km south-southeast of Jagdalpur and 85 km northwest of Visakhapatnam. It would move northwestwards and weaken gradually.

Estimated track and intensity of the system are given in the table below:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
12-10-2014/2030	18.2/82.6	80-90 gusting to 100	Cyclonic Storm
12-10-2014/0230	18.5/82.3	70-80 gusting to 90	Cyclonic Storm
13-10-2014/0830	18.9/81.7	50-60 gusting to 70	Deep Depression
13-10-2014/1430	19.5/81.2	35-45 gusting to 50	Depression

**Warning for north Andhra Pradesh and south Odisha**

**(cxcix) Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places would occur over Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 24 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, east Godavari districts of Andhra Pradesh and remaining districts of Odisha during the same period.

Rainfall at most places with heavy falls at a few places would occur over south Chattisgarh during next 24 hrs and isolated heavy to very heavy falls over north Chattisgarh, east Madhya Pradesh, Jharkhand and Bihar during next 48 hrs.

**(cc) Wind warning:** Gale wind speed reaching 90-100 kmph gusting to 110 kmph would prevail about 50 km around system centre and wind speed of 70-80 kmph gusting to 90 kmph would prevail over Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh, Koraput, Malkangiri, Nabarangpur and Rayagada districts during next 6 hrs, gradually decrease thereafter and become insignificant in subsequent 12 hrs. Squally wind speed reaching upto 50-60 kmph gusting to 70 kmph would also prevail along and off Ganjam & Gajapati districts of Odisha, south Chattisgarh and during next 12 hours.

**(cci) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be high along & off north Andhra Pradesh coast and very rough along & off south Odisha coast during next 6 hours. It will gradually improve to rough by tomorrow morning along these coasts.

**(ccii) Damage expected:**

**MM) North Andhra Pradesh (Visakhapatnam, Vizianagaram and Srikakulam districts):**

Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**NN) Odisha (Koraput, Nabarangpur, Rayagada and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**The next bulletin will be issued at 0230 hrs IST of 13<sup>th</sup> October, 2014.**

(Naresh Kumar)  
Scientist 'D'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

**FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)**

**To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
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SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)**

**Time of issue: 0130 hours IST**

**Dated: 13.10.2014**

**Bulletin No.:**

**BOB03/2014/44**

**Sub: Cyclonic Storm, 'HUDHUD' over southwest Odisha & adjoining Chhattisgarh**

The Cyclonic Storm 'HUDHUD' over north Andhra Pradesh & adjoining south Odisha moved further north-northwestwards and lay centered at 2330 hours IST of 12<sup>th</sup> October 2014 over southwest Odisha & adjoining Chhattisgarh near latitude 18.7°N and longitude 82.3°E, about 50 km southeast of Jagdalpur and 150 km north-northwest of Visakhapatnam. It would move north-northwestwards and weaken gradually.

Estimated track and intensity of the system are given in the table below:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
12-10-2014/2330	18.7/82.3	80-90 gusting to 100	Cyclonic Storm
13-10-2014/0530	19.6/81.5	50-60 gusting to 70	Deep Depression
13-10-2014/1130	20.7/80.7	35-45 gusting to 50	Depression

**Warning for north Andhra Pradesh and south Odisha**

(cciii) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places would occur over Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 24 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, east Godavari districts of Andhra Pradesh and remaining districts of Odisha during the same period.

Rainfall at most places with heavy falls at a few places would occur over south Chattisgarh during next 24 hrs and isolated heavy to very heavy falls over north Chattisgarh, east Madhya Pradesh, Jharkhand and Bihar during next 48 hrs.

**(cciv) Wind warning:** Gale wind speed reaching 90-100 kmph gusting to 110 kmph would prevail about 50 km around system centre and wind speed of 70-80 kmph gusting to 90 kmph would prevail over Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh, Koraput, Malkangiri, Nabarangpur and Rayagada districts during next 6 hrs, gradually decrease thereafter and become insignificant in subsequent 12 hrs. Squally wind speed reaching upto 50-60 kmph gusting to 70 kmph would also prevail along and off Ganjam & Gajapati districts of Odisha, south Chattisgarh and during next 12 hours.

**(ccv) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be high along & off north Andhra Pradesh coast and very rough along & off south Odisha coast during next 6 hours. It will gradually improve to rough by tomorrow morning along these coasts.

**(ccvi) Damage expected:**

**OO)North Andhra Pradesh (Visakhapatnam, Vizianagaram and Srikakulam districts):**

Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**PP) Odisha (Koraput, Nabarangpur, Rayagada and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**The next bulletin will be issued at 0530 hrs IST of 13<sup>th</sup> October, 2014.**

(Naresh Kumar)  
Scientist 'D'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
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SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
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DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)

Time of issue: 0430 hours IST

Dated: 13.10.2014

Bulletin No.:

BOB03/2014/45

Sub: Cyclonic Storm, 'HUDHUD' over south Chhattisgarh & adjoining southwest Odisha

The Cyclonic Storm 'HUDHUD' over southwest Odisha & adjoining Chhattisgarh moved northwestwards and lay centered at 0230 hours IST of 13<sup>th</sup> October 2014 very close to Jagdalpur over south Chhattisgarh & adjoining southwest Odisha. It would move north-northwestwards and weaken gradually.

Estimated track and intensity of the system are given in the table below:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
13-10-2014/0230	19.0/82.0	80-90 gusting to 100	Cyclonic Storm
13-10-2014/0530	19.5/81.7	70-80 gusting to 90	Cyclonic Storm
13-10-2014/1130	20.6/80.1	50-60 gusting to 70	Deep Depression
13-10-2014/1730	21.7/80.5	35-45 gusting to 50	Depression

**Warning for north Andhra Pradesh and south Odisha**

(ccvii) **Heavy rainfall warning:** Under the influence of the system, rainfall at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places would occur over Visakhapatnam, Vijayanagaram & Srikakulam districts of north Andhra Pradesh and Ganjam, Gajapati, Koraput, Rayagada, Nabarangpur, Malkangiri, Kalahandi, Phulbani districts of south Odisha during next 24 hrs. Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over Krishna, east Godavari districts of Andhra Pradesh and remaining districts of Odisha during the same period.

Rainfall at most places with heavy falls at a few places would occur over south Chattisgarh during next 24 hrs and isolated heavy to very heavy falls over north Chattisgarh, east Madhya Pradesh, Jharkhand and Bihar during next 48 hrs.

**(ccviii) Wind warning:** Gale wind speed reaching 90-100 kmph gusting to 110 kmph would prevail about 50 km around system centre and wind speed of 70-80 kmph gusting to 90 kmph would prevail over Visakhapatnam, Vizianagaram and Srikakulam districts of north Andhra Pradesh, Koraput, Malkangiri, Nabarangpur and Rayagada districts during next 6 hrs, gradually decrease thereafter and become insignificant in subsequent 12 hrs. Squally wind speed reaching upto 50-60 kmph gusting to 70 kmph would also prevail along and off Ganjam & Gajapati districts of Odisha, south Chattisgarh and during next 12 hours.

**(ccix) Sea condition along and off north Andhra Pradesh and south Odisha coasts:** Sea condition would be rough along & off north Andhra Pradesh and south Odisha coast during next 6 hours.

**(ccx) Damage expected:**

**QQ) North Andhra Pradesh (Visakhapatnam, Vizianagaram and Srikakulam districts):**

Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**RR) Odisha (Koraput, Nabarangpur, Rayagada and Malkangiri districts):** Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines. Uprooting of small trees. Damage to agricultural crops.

**The next bulletin will be issued at 0830 hrs IST of 13<sup>th</sup> October, 2014.**

(Naresh Kumar)  
Scientist 'D'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

**FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)**

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)  
CHIEF SECRETARY, GOVT. OF MADHYA PRADESH (FAX NO. 07552441370)  
CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 06512400255)  
CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 061222217085)  
CHIEF SECRETARY, GOVT. OF UTTAR PRADESH (FAX NO. 05202239283)

**Time of issue: 0730 hours IST**

**Dated: 13.10.2014**

**Bulletin No.: BOB03/2014/46**

**Sub: Cyclonic Storm, 'HUDHUD' weakened into a deep depression over south Chhattisgarh & neighbourhood**

The Cyclonic Storm 'HUDHUD' over south Chhattisgarh & adjoining southwest Odisha moved northwestwards and lay centered at 0530 hours IST of 13<sup>th</sup> October 2014 over south Chhattisgarh & neighbourhood, about 90 km northwest of Jagdalpur and 190 km south of Raipur. It would move north-northwestwards, weaken into a depression during next 06 hours and into a well marked low pressure area during subsequent 06 hours.

Estimated track and intensity of the system are given in the table below:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
13-10-2014/0530	19.5/81.5	50-60 gusting to 70	Deep Depression
13-10-2014/1130	20.6/80.6	40-50 gusting to 60	Depression

**Warning for north Andhra Pradesh and south Odisha**

**(ccxi) Heavy rainfall warning:** Under the influence of the system, rainfall at many places with isolated heavy falls (6.5–12.4 cm) would occur over north Andhra Pradesh (to the north of Visakhapatnam) and coastal Odisha during next 12 hours and improve thereafter. Rainfall would occur at most places with isolated heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) over Chhattisgarh & adjoining east Madhya Pradesh and interior Odisha during next 24 hrs and over East Uttar Pradesh, Jharkhand & Bihar during next 48 hrs.

**(ccxii) Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail upto 100 km around system centre, which includes areas of south Chhattisgarh & adjoining southwest Odisha during next 12 hrs.

**The next bulletin will be issued at 1130 hrs IST of 13<sup>th</sup> October, 2014.**

(M. Mohapatra)  
Scientist 'E'

Ph: 011-24631913,

24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatanam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatanam. (0891-2709086).



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INDIA METEOROLOGICAL DEPARTMENT

**FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)**

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
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DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
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CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)  
CHIEF SECRETARY, GOVT. OF MADHYA PRADESH (FAX NO. 07552441370)  
CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 06512400255)  
CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 061222217085)  
CHIEF SECRETARY, GOVT. OF UTTAR PRADESH (FAX NO. 05202239283)

**Time of issue: 1030 hours IST**

**Dated: 13.10.2014**

**Bulletin No.: BOB03/2014/47**

**Sub: Deep Depression over south Chhattisgarh and neighbourhood**

The Deep Depression over south Chhattisgarh & adjoining southwest Odisha moved northwards and lay centered at 0830 hours IST of 13<sup>th</sup> October 2014 over south Chhattisgarh & neighbourhood near Lat. 20.5°N and Long. 81.5°E, about 90 km south of Raipur. It would move northwards for next 12 hours and then north-northeastwards. It would weaken into a depression during next 03 hours and into a well marked low pressure area during subsequent 12 hours.

Estimated track and intensity of the system are given in the table below:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
13-10-2014/0830	20.5/81.5	50-60 gusting to 70	Deep Depression
13-10-2014/1130	21.0/81.6	40-50 gusting to 60	Depression

**Warning for north Andhra Pradesh and south Odisha**

**(ccxiii) Heavy rainfall warning:** Under the influence of the system, rainfall at many places with isolated heavy falls (6.5–12.4 cm) would occur over Vizianagaram and Srikakulam districts of north Andhra Pradesh and adjoining districts of south coastal Odisha during next 6 hours and decrease thereafter. Rainfall would occur at most places with isolated heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) over Chhattisgarh & adjoining east Madhya Pradesh and interior Odisha during next 24 hrs and over East Uttar Pradesh, Jharkhand & Bihar during next 48 hrs.

**(ccxiv) Wind warning:** Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail upto 100 km around system centre, which includes areas of Chhattisgarh & adjoining west Odisha during next 6 hrs.

**The next bulletin will be issued at 1430 hrs IST of 13<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatanam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatanam. (0891-2709086).



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INDIA METEOROLOGICAL DEPARTMENT

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To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
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DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)  
CHIEF SECRETARY, GOVT. OF MADHYA PRADESH (FAX NO. 07552441370)  
CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 06512400255)  
CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 061222217085)  
CHIEF SECRETARY, GOVT. OF UTTAR PRADESH (FAX NO. 05202239283)

**Time of issue: 1230 hours IST**

**Dated: 13.10.2014**

**Bulletin No.: BOB03/2014/48**

**Sub: Deep Depression over south Chhattisgarh and neighbourhood**

The Deep Depression over south Chhattisgarh & neighbourhood moved northwards and lay centered at 1130 hours IST of 13<sup>th</sup> October 2014 near Lat. 20.7°N and Long. 81.5°E, 50 kms south of Raipur. It would move northwards for next 12 hours and then north-northeastwards. It would weaken into a depression during next 06 hours and into a well marked low pressure area during subsequent 12 hours.

Estimated track and intensity of the system are given in the table below:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
13-10-2014/1130	20.7/81.5	40-50 gusting to 60	Deep Depression
13-10-2014/1730	21.2/81.5	30-40 gusting to 50	Depression

**Warning for north Andhra Pradesh and south Odisha**

**(ccxv) Heavy rainfall warning:** Under the influence of the system, rainfall at many places with isolated heavy falls (6.5–12.4 cm) would occur over Vizianagaram and Srikakulam districts of north Andhra Pradesh during next few hours and decrease thereafter. Rainfall would occur at most places with isolated heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) over Chhattisgarh & adjoining east Madhya Pradesh and interior Odisha during next 24 hrs and over East Uttar Pradesh, Jharkhand & Bihar during next 48 hrs.

**(ccxvi) Wind warning:** Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail upto 100 km around system centre, which includes areas of Chhattisgarh & adjoining west Odisha during next 6 hrs.

**The next bulletin will be issued at 2030 hrs IST of 13<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatanam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/Command M. O Visakhapatanam. (0891-2709086).





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DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
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CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 06512400255)  
CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 061222217085)  
CHIEF SECRETARY, GOVT. OF UTTAR PRADESH (FAX NO. 05202239283)

**Time of issue: 2030 hours IST**

**Dated: 13.10.2014**

**Bulletin No.: BOB03/2014/49 (Modified)**

**Sub: Deep Depression over south Chhattisgarh and neighbourhood weakened into a Depression**

The Deep Depression over south Chhattisgarh & neighbourhood moved north-northwestwards, weakened into a Depression and lay centered at 1730 hours IST of 13<sup>th</sup> October 2014 near Lat. 21.3°N and Long. 81.0°E, about 60 km west-northwest of Raipur. It would move northwards for next 6 hours and then north-northeastwards. It would weaken into a well marked low pressure area during next 12 hours.

**Warnings**

**(ccxvii) Heavy rainfall warning:** Rainfall would occur at most places with isolated heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) over Chhattisgarh & east Madhya Pradesh during next 24 hrs and over east Uttar Pradesh, Jharkhand & Bihar during next 36 hrs. Rainfall at many places with isolated heavy falls would occur over interior Odisha during next 12 hours.

**(ccxviii) Wind warning:** Squally wind speed reaching 30-40 kmph gusting to 50 kmph would prevail upto 50 km around system centre, which includes areas of Chhattisgarh during next 12 hrs.

**The next bulletin will be issued at 1030 hrs IST of 14<sup>th</sup> October, 2014.**

(Charan Singh)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/MC Lucknow/MC Ranchi/MC Patna/MC Bhopal/Command M. O Visakhapatnam. (0891-2709086).



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CHIEF SECRETARY, GOVT. OF MADHYA PRADESH (FAX NO. 07552441370)  
CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 06512400255)  
CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 061222217085)  
CHIEF SECRETARY, GOVT. OF UTTAR PRADESH (FAX NO. 05202239283)

**Time of issue: 0200 hours IST**

**Dated: 14.10.2014**

**Bulletin No.: BOB03/2014/50**

**Sub: Depression over Chhattisgarh and adjoining east Madhya Pradesh**

The Depression over south Chhattisgarh & neighbourhood moved north-northeastwards, and lay centered at 2330 hours IST of 13<sup>th</sup> October 2014 over Chhattisgarh and adjoining east Madhya Pradesh near Lat. 22.3°N and Long. 81.5°E, about 60 km southwest of Pendra Road. It would move north-northeastwards and weaken into a well marked low pressure area during next 6 hours.

**Warnings:**

**(ccxix) Heavy rainfall warning:** Rainfall would occur at most places with isolated heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) over Chhattisgarh & east Madhya Pradesh during next 24 hrs and over east Uttar Pradesh, Jharkhand & Bihar during next 36 hrs. Rainfall at many places with isolated heavy falls would occur over interior Odisha during next 12 hours.

**(ccxx) Wind warning:** Squally wind speed reaching 30-40 kmph gusting to 50 kmph would prevail upto 50 km around system centre, which includes areas of Chhattisgarh during next 6 hrs.

**The next bulletin will be issued at 0830 hrs IST of 14<sup>th</sup> October, 2014.**

(DUTY OFFICER)

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/MC Lucknow/MC Ranchi/MC Patna/MC Bhopal/Command M. O Visakhapatnam. (0891-2709086).



## FAX MESSAGE

**FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)**

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
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PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
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SECRETARY, DST (Fax No. 26863847/-2418)  
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DIRECTOR GENERAL, AIR (25843825)  
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CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 06512400255)  
CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 06122217085)  
CHIEF SECRETARY, GOVT. OF UTTAR PRADESH (FAX NO. 05222239283)

**Time of issue: 0830 hours IST**

**Dated: 14.10.2014**

**Bulletin No.: BOB03/2014/51**

**Sub: Depression over northeast Madhya Pradesh and adjoining east Uttar Pradesh & north Chhattisgarh**

The depression over Chhattisgarh & adjoining east Madhya Pradesh moved north-northeastwards and lay centered at 0530 hours IST of 14<sup>th</sup> October 2014 over northeast Madhya Pradesh and adjoining east Uttar Pradesh & north Chhattisgarh near lat. 24.8°N and long. 81.8°E, about 120 km southwest of Varanasi and 110 km northeast of Satna. It would move north-northeastwards and weaken into a well marked low pressure area during next 12 hours.

### Warnings:

**(ccxxi) Heavy rainfall warning:** Rainfall would occur at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places over east Uttar Pradesh and Bihar; isolated heavy to very heavy over north Chhattisgarh & east Madhya Pradesh and isolated heavy over Jharkhand during next 24 hours. During subsequent 24 hours, rainfall would occur at many places with heavy to very heavy falls at isolated places over east Uttar Pradesh, Bihar, Sub-Himalayan West Bengal and Sikkim and isolated heavy over Jharkhand and north Chhattisgarh.

**(ccxxii) Wind warning:** Squally wind speed reaching 30-40 kmph gusting to 50 kmph would prevail upto 50 km around system centre, which includes areas of northeast Madhya Pradesh, east Uttar Pradesh and north Chhattisgarh during next 12 hrs.

**The next bulletin will be issued at 1130 hrs IST of 14<sup>th</sup> October, 2014.**

(Charan Singh)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/ MC Raipur/MC Hyderabad/MC Lucknow/MC Ranchi/MC Patna/MC Bhopal/Command M. O Visakhapatnam. (0891-2709086).



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CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 06122217085)  
CHIEF SECRETARY, GOVT. OF UTTAR PRADESH (FAX NO. 05222239283)

**Time of issue: 1200 hours IST**

**Dated: 14.10.2014**

**Bulletin No.: BOB03/2014/52**

**Sub: Depression over east Uttar Pradesh and neighbourhood**

The Depression over northeast Madhya Pradesh and adjoining east Uttar Pradesh & north Chhattisgarh moved northwards during past 3 hours and lay centered at 0830 hours IST of 14<sup>th</sup> October 2014 over east Uttar Pradesh and neighbourhood near lat. 25.1°N and long. 82.1°E, about 80 km southwest of Varanasi .It would move northeastwards and weaken into a well marked low pressure area during next 12 hours.

**Warnings:**

**(ccxxiii) Heavy rainfall warning:** Rainfall would occur at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places over east Uttar Pradesh and Bihar; isolated heavy to very heavy over north Chhattisgarh & east Madhya Pradesh and isolated heavy over Jharkhand during next 24 hours. During subsequent 24 hours, rainfall would occur at many places with heavy to very heavy falls at isolated places over east Uttar Pradesh, Bihar, Sub-Himalayan West Bengal and Sikkim and isolated heavy over Jharkhand and north Chhattisgarh.

**(ccxxiv) Wind warning:** Squally wind speed reaching 30-40 kmph gusting to 50 kmph would prevail upto 50 km around system centre, which includes areas of northeast Madhya Pradesh, east Uttar Pradesh and north Chhattisgarh during next 12 hrs.

**The next bulletin will be issued at 1430 hrs IST of 14<sup>th</sup> October, 2014.**

(M. Mohapatra)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/RMC Kolkata/ MC Raipur/MC Hyderabad/MC Lucknow/MC Ranchi/MC Patna/MC Bhopal/Command M. O Visakhapatnam. (0891-2709086).



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SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (25843825)  
PIB MoES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660, 07712221242)  
CHIEF SECRETARY, GOVT OF ANDHRA PRADESH (FAX No. 040-23453700)  
CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 07712221242)  
CHIEF SECRETARY, GOVT. OF MADHYA PRADESH (FAX NO. 07552441370)  
CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 06512400255)  
CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 06122217085)  
CHIEF SECRETARY, GOVT. OF UTTAR PRADESH (FAX NO. 05222239283)

**Time of issue: 1630 hours IST**

**Dated: 14.10.2014**

**Bulletin No.: BOB03/2014/53**

**Sub: Depression over east Uttar Pradesh and neighbourhood**

The Depression over east Uttar Pradesh and neighbourhood moved in north-northwesterly direction during past 6 hours and lay centered at 1430 hours IST of 14<sup>th</sup> October 2014 over east Uttar Pradesh and neighbourhood near lat. 26.3°N Long. 81.5°E, close to north of Fursatganj. It would move north-northeastwards and weaken into a well marked low pressure area during next 6 hours.

**Warnings:**

**(ccxxv) Heavy rainfall warning:** Rainfall would occur at most places with heavy (6.5–12.4 cm) to very heavy falls (12.5–24.4 cm) at a few places over east Uttar Pradesh, Bihar, Sub-Himalayan West Bengal and Sikkim during next 24 hours.

**(ccxxvi) Wind warning:** Squally wind speed reaching 30-40 kmph gusting to 50 kmph would prevail upto 50 km around system centre, which includes areas of east Uttar Pradesh during next 6 hrs.

**The next bulletin will be issued at 2030 hrs IST of 14<sup>th</sup> October, 2014.**

(Kamaljit Ray)  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/RMC Kolkata/ MC Raipur/MC Hyderabad/MC Lucknow/MC Ranchi/MC Patna/MC Bhopal/Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

**FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)**

To: PRIME MINISTER'S OFFICE (FAX. No.23010233)  
CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23793144)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MoES, (Fax No. 24629777)  
SECRETARY, DST (Fax No. 26863847/-2418)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
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CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 06122217085)  
CHIEF SECRETARY, GOVT. OF UTTAR PRADESH (FAX NO. 05222239283)

**Time of issue: 1930 hours IST**

**Dated: 14.10.2014**

**Bulletin No.: BOB03/2014/54**

**Sub: Depression over east Uttar Pradesh and neighbourhood weakened into a well marked low pressure area.**

The Depression over east Uttar Pradesh and neighbourhood moved slightly northwards during past 3 hours and weakened into a well marked low pressure area over east Uttar Pradesh and neighbourhood.

**Warnings:**

**(ccxxvii) Heavy rainfall warning:** Rainfall would occur at many places with heavy (6.5–12.4 cm) falls at isolated places over Bihar, Sub-Himalayan West Bengal and Sikkim and adjoining east Uttar Pradesh, during next 24 hours.

**This is the last bulletin on this system. However the regular bulletin will continue from National Weather Forecasting centre, New Delhi and the concerned State Meteorological centres and Regional Meteorological centres.**

**(M. Mohapatra)**  
Scientist 'E'

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam /CWC Bhubaneswar/RMC Nagpur/RMC Kolkata/ MC Raipur/MC Hyderabad/MC Lucknow/MC Ranchi/MC Patna/MC Bhopal/Command M. O Visakhapatnam. (0891-2709086).