



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 1130 hours IST

Dated: 06-12-2013

Bulletin No.: BOB08/2013/01

**Sub: Depression over Southwest Bay of Bengal:**

Latest satellite imagery and observations indicate that a depression has formed over southwest Bay of Bengal and lay centred at 0830 hours IST of today, the 06 December 2013 near latitude  $10.0^{\circ}$  N and longitude  $84.0^{\circ}$  E, about 530 km southeast of Chennai and 350 km northeast of Trincomalee (Sri Lanka). It would intensify further into a deep depression during next 24 hrs and subsequently into a cyclonic storm. It would move nearly northwards slowly during next 48 hrs and then recurve north-northeastwards.

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu and Puducherry during next 24 hrs. Rainfall at many places with isolated heavy falls would occur over Andaman and Nicobar Island during next 72 hours.

Fishermen along and off Tamil Nadu and Puducherry coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**The next bulletin will be issued at 1430 hrs IST of the 06 Dcember, 2013.**

(M.Mohapatra)

Scientist-E

Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086).



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223331)  
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CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 1330 hours IST

Dated: 06-12-2013

Bulletin No.: BOB08/2013/02

**Sub: Depression over Southwest Bay of Bengal:**

The depression over southwest Bay of Bengal remained practically stationary and lay centred at 1130 hours IST of today, the 06 December 2013 near latitude  $10.0^{\circ}$  N and longitude  $84.0^{\circ}$  E, about 530 km southeast of Chennai and 350 km northeast of Trincomalee (Sri Lanka). It would intensify further into a deep depression during next 24 hrs and subsequently into a cyclonic storm. It would move nearly northwards slowly during next 48 hrs and then recurve north-northeastwards.

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu and Puducherry during next 24 hrs. Rainfall at many places with isolated heavy falls would occur over Andaman and Nicobar Island during next 72 hours.

Fishermen along and off Tamil Nadu and Puducherry coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**The next bulletin will be issued at 2030 hrs IST of the 06 December, 2013.**

(M.Mohapatra)  
Scientist-E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086).



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CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 1830 hours IST

Dated: 06-12-2013

Bulletin No.: BOB08/2013/03

**Sub: Depression over Southwest Bay of Bengal:**

The depression over southwest Bay of Bengal remained practically stationary and lay centred at 1730 hours IST of today, the 06 December 2013 near latitude  $10.0^{\circ}$  N and longitude  $84.0^{\circ}$  E, about 530 km southeast of Chennai and 350 km northeast of Trincomalee (Sri Lanka). It would intensify further into a deep depression during next 24 hrs and subsequently into a cyclonic storm. It would move nearly northwards very slowly during next 48 hrs and then recurve north-northeastwards.

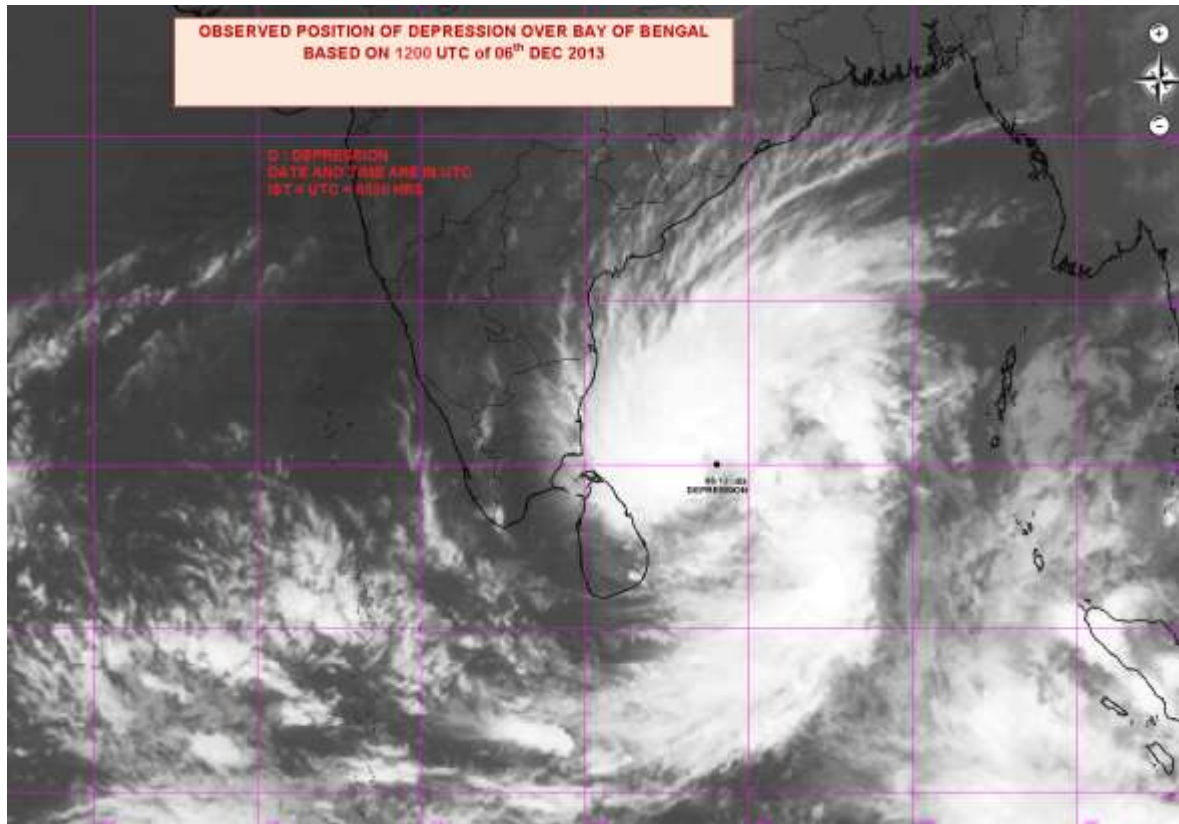
Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu and Puducherry during next 24 hrs. Rainfall at many places with isolated heavy falls would occur over Andaman and Nicobar Island during next 72 hours.

Fishermen along and off Tamil Nadu and Puducherry coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**The next bulletin will be issued at 0230 hrs IST of the 07 Dcember, 2013.**

(M.Mohapatra)  
Scientist-E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086).





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CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)**

**Time of issue: 0100 hours IST**

**Dated: 07-12-2013**

**Bulletin No.: BOB08/2013/04**

**Sub: Deep Depression over Southwest Bay of Bengal:**

The depression over southwest Bay of Bengal remained practically stationary, intensified into a deep depression and lay centred at 2330 hours IST of 06 December 2013 near latitude 10.0° N and longitude 84.0° E, about 530 km southeast of Chennai and 350 km northeast of Trincomalee (Sri Lanka). It would intensify further into a cyclonic storm during next 24 hrs. It would move nearly northwards very slowly during next 48 hrs and then recurve north-northeastwards.

Track and intensity forecasts 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
06-12-2013/2330	10.0/84.0	50-60 GUSTING TO 70	DEEP DEPRESSION
07-12-2013/0530	10.1/84.0	60-70 GUSTING TO 80	CYCLONIC STORM
07-12-2013/1130	10.3/83.9	60-70 GUSTING TO 80	CYCLONIC STORM
07-12-2013/1730	10.5/83.8	70-80 GUSTING TO 90	CYCLONIC STORM
07-12-2013/2330	10.7/83.7	80-90 GUSTING TO 100	CYCLONIC STORM
08-12-2013/1130	11.1/83.6	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
08-12-2013/2330	11.5/83.6	95-105 GUSTING TO 115	SEVERE CYCLONIC STORM
09-12-2013/1130	11.9/83.8	95-105 GUSTING TO 115	SEVERE CYCLONIC STORM
09-12-2013/2330	12.3/84.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
10-12-2013/1130	12.7/84.3	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
10-12-2013/2330	13.1/84.6	75-85 GUSTING TO 95	CYCLONIC STORM
11-12-2013/1130	13.6/84.9	70-80 GUSTING TO 90	CYCLONIC STORM
11-12-2013/2330	14.1/85.3	60-70 GUSTING TO 80	DEEP DEPRESSION

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu and Puducherry during next 24 hrs. Rainfall at many places with isolated heavy falls would occur over Andaman and Nicobar Island during next 72 hours.

Fishermen along and off Tamil Nadu and Puducherry coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**The next bulletin will be issued at 0830 hrs IST of the 07 Dcember, 2013.**

(Duty Officer)  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086).



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SECRETARY, DST (Fax No. 26863847/-2418)

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CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 0900 hours IST

Dated: 07-12-2013

Bulletin No.: BOB08/2013/05

Sub: Cyclonic storm 'MADI' over Southwest Bay of Bengal:

The cyclonic storm, 'MADI' over southwest Bay of Bengal remained practically stationary and lay centred at 0530 hours IST of 07 December 2013 over southwest Bay of Bengal near latitude 10.5° N and longitude 84.0° E, about 500 km southeast of Chennai and 370 km northeast of Trincomalee (Sri Lanka). It would intensify further into a severe cyclonic storm during next 24 hours. It would move nearly northwards very slowly during next 48 hrs and then recurve north-northeastwards.

Track and intensity forecasts 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
07-12-2013/0530	10.5/84.0	60-70 GUSTING TO 80	CYCLONIC STORM
07-12-2013/1130	10.6/84.0	70-80 GUSTING TO 90	CYCLONIC STORM
07-12-2013/1730	10.7/84.0	80-90 GUSTING TO 100	CYCLONIC STORM
07-12-2013/2330	10.9/84.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
08-12-2013/0530	11.1/84.0	95-105 GUSTING TO 115	SEVERE CYCLONIC STORM
08-12-2013/1730	11.5/84.0	105-115 GUSTING TO 125	SEVERE CYCLONIC STORM
09-12-2013/0530	12.0/84.0	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
09-12-2013/1730	12.4/84.1	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
10-12-2013/0530	12.8/84.2	100-110 GUSTING TO 110	SEVERE CYCLONIC STORM
10-12-2013/1730	13.2/84.3	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/0530	13.6/84.4	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1730	14.0/84.5	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/0530	14.4/84.6	70-80 GUSTING TO 90	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu and Puducherry during next 24 hrs. Rainfall at many places with isolated heavy falls would occur over Andaman and Nicobar Island during next 48 hours.

Fishermen along and off Tamil Nadu and Puducherry coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 1130 hrs IST of the 07 December, 2013.**

(M. Mohapatra)

Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086)





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**H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)**

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**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. 03192-223331)**

**CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)**

**CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)**

**CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)**

**Time of issue: 1100 hours IST**

**Dated: 07-12-2013**

**Bulletin No.: BOB08/2013/06**

**Sub: Cyclonic storm 'MADI' over Southwest Bay of Bengal:**

The cyclonic storm, **MADI** over southwest Bay of Bengal remained practically stationary and lay centred at 0830 hours IST of 07 December 2013 over southwest Bay of Bengal near latitude  $10.5^{\circ}$  N and longitude  $84.0^{\circ}$  E, about 500 km southeast of Chennai and 370 km northeast of Trincomalee (Sri Lanka). It would intensify further into a severe cyclonic storm during next 24 hours. It would move nearly northwards very slowly during next 48 hrs and then recurve north-northeastwards.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. $^{\circ}$ N/ long. $^{\circ}$ E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
07-12-2013/0830	10.5/84.0	65-75 GUSTING TO 85	CYCLONIC STORM
07-12-2013/1130	10.6/84.0	70-80 GUSTING TO 90	CYCLONIC STORM
07-12-2013/1730	10.7/84.0	80-90 GUSTING TO 100	CYCLONIC STORM
07-12-2013/2330	10.9/84.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
08-12-2013/0530	11.1/84.0	95-105 GUSTING TO 115	SEVERE CYCLONIC STORM
08-12-2013/1730	11.5/84.0	105-115 GUSTING TO 125	SEVERE CYCLONIC STORM
09-12-2013/0530	12.0/84.0	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
09-12-2013/1730	12.4/84.1	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
10-12-2013/0530	12.8/84.2	100-110 GUSTING TO 110	SEVERE CYCLONIC STORM
10-12-2013/1730	13.2/84.3	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/0530	13.6/84.4	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1730	14.0/84.5	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/0530	14.4/84.6	70-80 GUSTING TO 90	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu, Puducherry, south coastal Andhra Pradesh and Andaman and Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and south Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 1430 hrs IST of the 07 December, 2013.**

(M. Mohapatra)  
(Head, RSMC)

Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/  
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**CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)**

**CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)**

**Time of issue: 1400 hours IST**

**Dated: 07-12-2013**

**Bulletin No.: BOB08/2013/07**

**Sub: Cyclonic storm 'MADI' over Southwest Bay of Bengal:**

The cyclonic storm, **MADI** over southwest Bay of Bengal remained practically stationary and lay centred at 1130 hours IST of 07 December 2013 over southwest Bay of Bengal near latitude  $10.5^{\circ}$  N and longitude  $84.0^{\circ}$  E, about 500 km southeast of Chennai and 370 km northeast of Trincomalee (Sri Lanka). It would intensify further into a severe cyclonic storm during next 24 hours. It would move nearly northwards very slowly during next 48 hrs and then recurve north-northeastwards.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. $^{\circ}$ N/ long. $^{\circ}$ E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
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07-12-2013/2330	10.9/84.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
08-12-2013/0530	11.1/84.0	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
08-12-2013/1130	11.3/84.0	105-115 GUSTING TO 125	SEVERE CYCLONIC STORM
08-12-2013/2330	11.7/84.0	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
09-12-2013/1130	12.1/84.1	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
09-12-2013/2330	12.5/84.2	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
10-12-2013/1130	12.9/84.3	100-110 GUSTING TO 110	SEVERE CYCLONIC STORM
10-12-2013/2330	13.2/84.4	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1130	13.6/84.5	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/2330	14.0/84.6	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1130	14.4/84.7	70-80 GUSTING TO 90	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu, Puducherry, south coastal Andhra Pradesh and Andaman and Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and south Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 1730 hrs IST of the 07 Dcember, 2013.**

(M. Mohapatra)  
(Head, RSMC)

Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

**To: 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. 03192-223331)**

**CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)**

**CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)**

**CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)**

**Time of issue: 1700 hours IST**

**Dated: 07-12-2013**

**Bulletin No.: BOB08/2013/08**

**Sub: Severe Cyclonic storm 'MADI' over Southwest Bay of Bengal:**

The cyclonic storm, **MADI** over southwest Bay of Bengal remained practically stationary, intensified into a severe cyclonic storm and lay centred at 1430 hours IST of 07 December 2013 over southwest Bay of Bengal near latitude 10.5° N and longitude 84.0° E, about 500 km southeast of Chennai and 370 km northeast of Trincomalee (Sri Lanka) . It would intensify further into a very severe cyclonic storm during next 24 hours. It would move nearly northwards very slowly during next 48 hrs and then recurve north-northeastwards.

Track and intensity forecasts 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
07-12-2013/1430	10.5/84.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
07-12-2013/1730	10.8/84.2	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
07-12-2013/2330	11.1/84.4	105-115 GUSTING TO 125	SEVERE CYCLONIC STORM
08-12-2013/0530	11.3/84.4	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1130	11.5/84.5	115-125 GUSTING TO 140	SEVERE CYCLONIC STORM
08-12-2013/2330	12.0/84.6	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	12.3/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/2330	12.7/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
10-12-2013/1130	13.0/84.9	100-110 GUSTING TO 110	SEVERE CYCLONIC STORM
10-12-2013/2330	13.2/85.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1130	13.4/85.1	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/2330	13.6/85.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1130	13.8/85.3	70-80 GUSTING TO 90	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu, Puducherry, south coastal Andhra Pradesh and Andaman and Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and south Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 1730 hrs IST of the 07 Dcember, 2013.**

(M. Mohapatra)  
(Head, RSMC)

Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 1830 hours IST

Dated: 07-12-2013

Bulletin No.: BOB08/2013/09

Sub: Severe Cyclonic storm 'MADI' over Southwest Bay of Bengal:

The severe cyclonic storm, **MADI** over southwest Bay of Bengal moved northeastward and lay centred at 1730 hours IST of 07 December 2013 over southwest Bay of Bengal near latitude  $11.0^{\circ}$  N and longitude  $84.5^{\circ}$  E, about 520 km east-southeast of Chennai and 440 km northeast of Trincomalee (Sri Lanka). It would intensify further into a very severe cyclonic storm during next 24 hours. It would move nearly northwards very slowly.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. $^{\circ}$ N/ long. $^{\circ}$ E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
07-12-2013/1730	11.0/84.5	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
07-12-2013/2330	11.1/84.6	105-115 GUSTING TO 125	SEVERE CYCLONIC STORM
08-12-2013/0530	11.3/84.6	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1130	11.5/84.7	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1730	11.7/84.7	120-130 GUSTING TO 140	VERY SEVERE CYCLONIC STORM
09-12-2013/0530	12.2/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1730	12.6/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
10-12-2013/0530	12.9/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
10-12-2013/1730	13.1/84.9	100-110 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/0530	13.3/85.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1730	13.5/85.1	80-90 GUSTING TO 100	CYCLONIC STORM
12-12-2013/0530	13.6/85.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1730	13.7/85.3	70-80 GUSTING TO 90	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu, Puducherry, south coastal Andhra Pradesh and Andaman and Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and south Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 2330 hrs IST of the 07 December, 2013.**

(M. Mohapatra)

(Head, RSMC)

Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 2200 hours IST

Dated: 07-12-2013

Bulletin No.: BOB08/2013/10

Sub: Severe Cyclonic storm 'MADI' over Southwest Bay of Bengal:

The severe cyclonic storm, **MADI** over southwest Bay of Bengal remained practically stationary and lay centred at 2030 hours IST of 07 December 2013 over southwest Bay of Bengal near latitude 11.0° N and longitude 84.5° E, about 520 km east-southeast of Chennai and 440 km northeast of Trincomalee (Sri Lanka) . It would intensify further into a very severe cyclonic storm during next 24 hours. It would move nearly northwards very slowly.

Track and intensity forecasts 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
07-12-2013/2030	11.0/84.5	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
07-12-2013/2330	11.1/84.6	105-115 GUSTING TO 125	SEVERE CYCLONIC STORM
08-12-2013/0530	11.3/84.6	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1130	11.5/84.7	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1730	11.7/84.7	120-130 GUSTING TO 140	VERY SEVERE CYCLONIC STORM
09-12-2013/0530	12.2/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1730	12.6/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
10-12-2013/0530	12.9/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
10-12-2013/1730	13.1/84.9	100-110 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/0530	13.3/85.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1730	13.5/85.1	80-90 GUSTING TO 100	CYCLONIC STORM
12-12-2013/0530	13.6/85.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1730	13.7/85.3	70-80 GUSTING TO 90	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu, Puducherry, south coastal Andhra Pradesh and Andaman and Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and south Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 0230 hrs IST of the 08 December, 2013.**

(Naresh Kumar)

Meteorologist  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 0130 hours IST

Dated: 08-12-2013

Bulletin No.: BOB08/2013/11

Sub: Severe Cyclonic storm 'MADI' over Southwest Bay of Bengal:

The severe cyclonic storm, **MADI** over southwest Bay of Bengal moved north-northeast wards and lay centred at 2330 hours IST of 07 December 2013 over southwest Bay of Bengal near latitude  $11.2^{\circ}$  N and longitude  $84.6^{\circ}$  E, about 520 km east-southeast of Chennai and 470 km northeast of Trincomalee (Sri Lanka). It would intensify further into a very severe cyclonic storm during next 24 hours. It would move nearly northwards very slowly.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. $^{\circ}$ N/ long. $^{\circ}$ E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
07-12-2013/2330	11.2/84.6	105-115 GUSTING TO 125	SEVERE CYCLONIC STORM
08-12-2013/0530	11.3/84.6	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1130	11.5/84.7	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1730	11.7/84.7	120-130 GUSTING TO 140	VERY SEVERE CYCLONIC STORM
09-12-2013/2330	12.0/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	12.5/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/2330	12.9/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
10-12-2013/1130	13.1/84.9	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/2330	13.3/85.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1130	13.6/85.1	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/2330	13.8/85.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1130	14.0/85.3	70-80 GUSTING TO 90	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu, Puducherry, south coastal Andhra Pradesh and Andaman and Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and south Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 0530 hrs IST of the 08 December, 2013.**

(Naresh Kumar)

Meteorologist

Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 0430 hours IST

Dated: 08-12-2013

Bulletin No.: BOB08/2013/12

Sub: Severe Cyclonic storm 'MADI' over Southwest Bay of Bengal:

The severe cyclonic storm, **MADI** over southwest Bay of Bengal slightly moved northwards and lay centred at 0230 hours IST of 08 December 2013 over southwest Bay of Bengal near latitude  $11.3^{\circ}$  N and longitude  $84.6^{\circ}$  E, about 510 km southeast of Chennai and 470 km northeast of Trincomalee (Sri Lanka). It would intensify further into a very severe cyclonic storm during next 24 hours. It would move nearly northwards very slowly.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. $^{\circ}$ N/ long. $^{\circ}$ E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
08-12-2013/0230	11.3/84.6	105-115 GUSTING TO 125	SEVERE CYCLONIC STORM
08-12-2013/0530	11.4/84.6	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1130	11.5/84.7	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1730	11.7/84.7	120-130 GUSTING TO 140	VERY SEVERE CYCLONIC STORM
09-12-2013/2330	12.0/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	12.5/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/2330	12.9/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
10-12-2013/1130	13.1/84.9	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/2330	13.3/85.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1130	13.6/85.1	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/2330	13.8/85.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1130	14.0/85.3	70-80 GUSTING TO 90	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu, Puducherry, south coastal Andhra Pradesh and Andaman and Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and south Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 0830 hrs IST of the 08 December, 2013.**

(Naresh Kumar)

Meteorologist  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 0800 hours IST

Dated: 08-12-2013

Bulletin No.: BOB08/2013/13

Sub: Severe Cyclonic storm 'MADI' over Southwest Bay of Bengal:

The severe cyclonic storm, **MADI** over southwest Bay of Bengal moved northwards and lay centred at 0530 hours IST of 08 December 2013 over southwest Bay of Bengal near latitude  $11.8^{\circ}$  N and longitude  $84.6^{\circ}$  E, about 490 km east-southeast of Chennai and 510 km northeast of Trincomalee (Sri Lanka) . It would intensify further into a very severe cyclonic storm during next 12 hours. It would move nearly northwards very slowly.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. $^{\circ}$ N/ long. $^{\circ}$ E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
08-12-2013/0530	11.8/84.6	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1130	12.1/84.7	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1730	12.3/84.7	120-130 GUSTING TO 140	VERY SEVERE CYCLONIC STORM
08-12-2013/2330	12.6/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/0530	12.9/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1730	13.2/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
10-12-2013/0530	13.4/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
10-12-2013/1730	13.6/84.9	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
11-12-2013/0530	13.8/84.9	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1730	14.0/84.9	80-90 GUSTING TO 100	CYCLONIC STORM
12-12-2013/0530	14.1/84.9	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1730	14.2/84.9	70-80 GUSTING TO 90	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu, Puducherry, south coastal Andhra Pradesh and Andaman and Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and south Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 1130 hrs IST of the 08 December, 2013.**

(Naresh Kumar)

Meteorologist  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086)





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

**To: 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. 03192-223331)**

**CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)**

**CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)**

**CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)**

**Time of issue: 1030 hours IST**

**Dated: 08-12-2013**

**Bulletin No.: BOB08/2013/14**

**Sub: Severe cyclonic storm 'MADI' over Southwest Bay of Bengal:**

The severe cyclonic storm, **MADI** over southwest Bay of Bengal moved northwards and lay centred at 0830 hours IST of 8<sup>th</sup> December 2013 over southwest Bay of Bengal near latitude 12.0° N and longitude 84.6° E, about 490 km east-southeast of Chennai and 530 km northeast of Trincomalee (Sri Lanka) . It would intensify further into a very severe cyclonic storm during next 12 hours. It would move nearly northwards very slowly.

Track and intensity forecasts 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
08-12-2013/0830	12.0/84.6	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
08-12-2013/1130	12.1/84.6	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
08-12-2013/1730	12.3/84.6	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
08-12-2013/2330	12.6/84.7	130-140 GUSTING TO 155	VERY SEVERE CYCLONIC STORM
09-12-2013/0530	12.9/84.7	130-140 GUSTING TO 155	VERY SEVERE CYCLONIC STORM
09-12-2013/1730	13.2/84.7	130-140 GUSTING TO 155	VERY SEVERE CYCLONIC STORM
10-12-2013/0530	13.4/84.7	130-140 GUSTING TO 155	VERY SEVERE CYCLONIC STORM
10-12-2013/1730	13.6/84.8	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
11-12-2013/0530	13.8/84.8	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
11-12-2013/1730	13.9/84.8	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
12-12-2013/0530	14.0/84.8	80-90 GUSTING TO 100	CYCLONIC STORM
12-12-2013/1730	14.1/84.8	70-80 GUSTING TO 90	CYCLONIC STORM
13-12-2013/0530	14.2/84.8	65-75 GUSTING TO 85	CYCLONIC STORM
13-12-2013/1730	14.3/84.8	60-70 GUSTING TO 80	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Tamil Nadu, Puducherry, south coastal Andhra Pradesh and Andaman and Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 1430 hrs IST of the 8<sup>th</sup> December, 2013.**

(M.MOHAPATRA)

HEAD, RSMC

Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 1340 hours IST

Dated: 08-12-2013

Bulletin No.: BOB08/2013/15

**Sub: Very severe cyclonic storm 'MADI' over southwest and adjoining westcentral Bay of Bengal**

The severe cyclonic storm 'MADI' over southwest Bay of Bengal moved slightly north-northeastwards, intensified into very severe cyclonic storm and lay centred at 1130 hours IST of 8<sup>th</sup> December 2013 over southwest and adjoining westcentral Bay of Bengal near latitude 12.3° N and longitude 84.7° E, about 490 km east-southeast of Chennai and 560 km northeast of Trincomalee (Sri Lanka). It would intensify further and move slightly north-northeastwards slowly.

Track and intensity forecasts 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
08-12-2013/1130	12.3/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
08-12-2013/1730	12.7/84.8	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
08-12-2013/2330	13.1/84.8	130-140 GUSTING TO 155	VERY SEVERE CYCLONIC STORM
09-12-2013/0530	13.4/84.9	130-140 GUSTING TO 155	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	13.7/84.9	130-140 GUSTING TO 155	VERY SEVERE CYCLONIC STORM
09-12-2013/2330	14.0/85.0	130-140 GUSTING TO 155	VERY SEVERE CYCLONIC STORM
10-12-2013/1130	14.4/85.1	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
10-12-2013/2330	14.7/85.2	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
11-12-2013/1130	14.9/85.3	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
11-12-2013/2330	15.0/85.4	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
12-12-2013/1130	15.1/85.5	80-90 GUSTING TO 100	CYCLONIC STORM
12-12-2013/2330	15.2/85.6	70-80 GUSTING TO 90	CYCLONIC STORM
13-12-2013/1130	15.3/85.7	65-75 GUSTING TO 85	CYCLONIC STORM

Under the influence of this system, rainfall at a few places would occur over coastal Andhra Pradesh and Andaman & Nicobar Islands and at isolated places over coastal Tamil Nadu and Puducherry during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 1730 hrs IST of the 8<sup>th</sup> December, 2013.**

(M.MOHAPATRA)

HEAD, RSMC  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 1700 hours IST

Dated: 08-12-2013

Bulletin No.: BOB08/2013/16

**Sub: Very severe cyclonic storm 'MADI' over southwest and adjoining westcentral Bay of Bengal**

The very severe cyclonic storm 'MADI' over southwest Bay of Bengal moved slightly northwards, and lay centred at 1430 hours IST of 8<sup>th</sup> December 2013 over southwest and adjoining westcentral Bay of Bengal near latitude 12.6° N and longitude 84.7° E, about 490 km east-southeast of Chennai and 580 km northeast of Trincomalee (Sri Lanka). It would move slightly northwards slowly for some more time.

Track and intensity forecasts 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
08-12-2013/1430	12.6/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
08-12-2013/1730	12.7/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
08-12-2013/2330	13.1/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/0530	13.4/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	13.7/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
09-12-2013/2330	14.0/84.7	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1130	14.2/84.7	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
10-12-2013/2330	14.4/84.6	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1130	14.2/84.4	70-80 GUSTING TO 90	CYCLONIC STORM
11-12-2013/2330	14.0/84.2	60-70 GUSTING TO 80	CYCLONIC STORM
12-12-2013/1130	13.8/84.0	55-65 GUSTING TO 75	DEEP DEPRESSION
12-12-2013/2330	13.6/83.8	50-60 GUSTING TO 70	DEEP DEPRESSION
13-12-2013/1130	13.4/83.5	45-55 GUSTING TO 65	DEPRESSION

Under the influence of this system, rainfall at a few places would occur over coastal Andhra Pradesh and Andaman & Nicobar Islands and at isolated places over coastal Tamil Nadu and Puducherry during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 2030 hrs IST of the 8<sup>th</sup> December, 2013.**

(M.MOHAPATRA)

HEAD, RSMC  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 2000 hours IST

Dated: 08-12-2013

Bulletin No.: BOB08/2013/17

(CORRECTED)

**Sub: Very severe cyclonic storm 'MADI' over southwest and adjoining westcentral Bay of Bengal**

The very severe cyclonic storm 'MADI' over southwest Bay of Bengal moved slightly northwards, and lay centred at 1730 hours IST of 8<sup>th</sup> December 2013 over southwest and adjoining westcentral Bay of Bengal near latitude 13.0° N and longitude 84.7° E, about 490 km east of Chennai and 620 km northeast of Trincomalee (Sri Lanka). It would weaken gradually from tomorrow and move north-wards slowly for 36 hrs and then west-southwestward.

Track and intensity forecasts 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
08-12-2013/1730	13.0/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
08-12-2013/2330	13.4/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/0530	13.8/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	14.1/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
09-12-2013/1730	14.4/84.7	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/0530	14.6/84.7	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
10-12-2013/1730	14.7/84.5	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/0530	14.6/84.1	70-80 GUSTING TO 90	CYCLONIC STORM
11-12-2013/1730	14.2/83.7	60-70 GUSTING TO 80	CYCLONIC STORM
12-12-2013/0530	13.7/83.2	50-60 GUSTING TO 70	DEEP DEPRESSION
12-12-2013/1730	13.3/82.7	40-50 GUSTING TO 60	DEPRESSION
13-12-2013/0530	12.9/82.2	30-40 GUSTING TO 50	WELL MARKED LOW

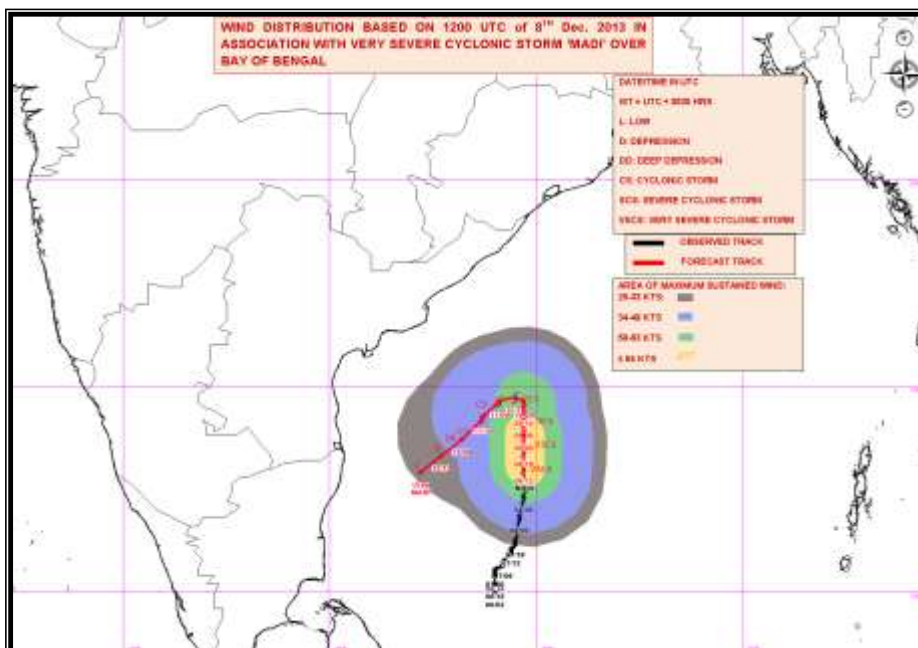
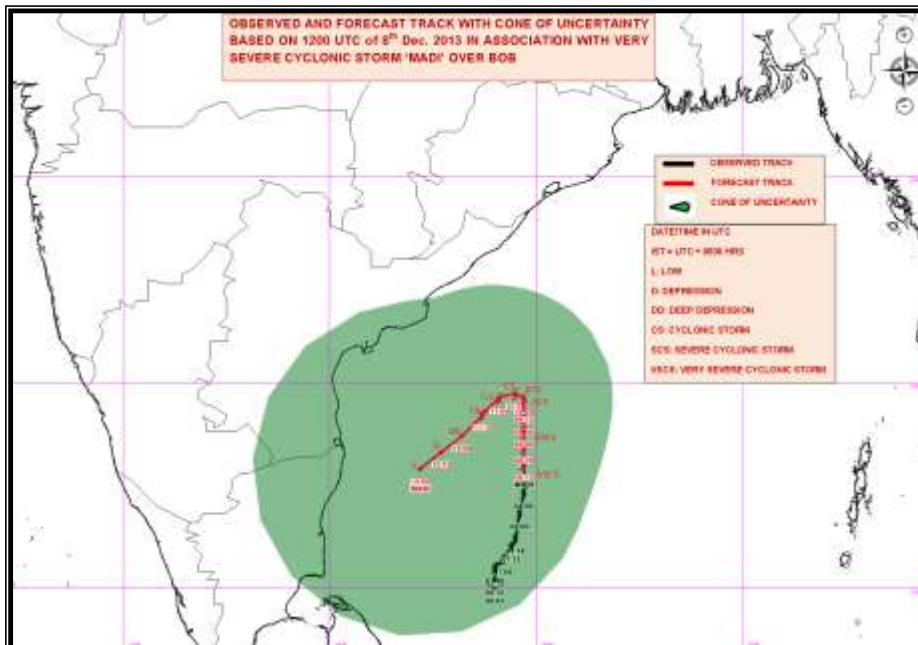
Under the influence of this system, rainfall would occur at a few places over coastal Andhra Pradesh and at isolated places over coastal Tamil Nadu and Puducherry and Andaman & Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 2330 hrs IST of the 8<sup>th</sup> December, 2013.**

(M.MOHAPATRA)

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086)







भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 2300 hours IST

Dated: 08-12-2013

Bulletin No.: BOB08/2013/18

**Sub: Very severe cyclonic storm 'MADI' over southwest and adjoining westcentral Bay of Bengal**

The very severe cyclonic storm 'MADI' over southwest Bay of Bengal moved slightly northwards, and lay centred at 2030 hours IST of 8<sup>th</sup> December 2013 over southwest and adjoining westcentral Bay of Bengal near latitude 13.2° N and longitude 84.7° E, about 490 km east of Chennai and 630 km northeast of Trincomalee (Sri Lanka). It would weaken gradually from tomorrow and move north-wards slowly for 36 hrs and then west-southwestward.

Track and intensity forecasts 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
08-12-2013/2030	13.2/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
08-12-2013/2330	13.4/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/0530	13.8/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	14.1/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
09-12-2013/1730	14.4/84.7	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/0530	14.6/84.7	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
10-12-2013/1730	14.7/84.5	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/0530	14.6/84.1	70-80 GUSTING TO 90	CYCLONIC STORM
11-12-2013/1730	14.2/83.7	60-70 GUSTING TO 80	CYCLONIC STORM
12-12-2013/0530	13.7/83.2	50-60 GUSTING TO 70	DEEP DEPRESSION
12-12-2013/1730	13.3/82.7	40-50 GUSTING TO 60	DEPRESSION
13-12-2013/0530	12.9/82.2	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at a few places over coastal Andhra Pradesh and at isolated places over coastal Tamil Nadu and Puducherry and Andaman & Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 0230 hrs IST of the 9<sup>th</sup> December, 2013.**

(RANJEET SINGH)  
SCIENTIST - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 0200 hours IST

Dated: 09-12-2013

Bulletin No.: BOB08/2013/19

**Sub: Very severe cyclonic storm 'MADI' over southwest and adjoining westcentral Bay of Bengal**

The very severe cyclonic storm 'MADI' over southwest Bay of Bengal moved slightly northwards, and lay centred at 2330 hours IST of 8<sup>th</sup> December 2013 over southwest and adjoining westcentral Bay of Bengal near latitude 13.4° N and longitude 84.7° E, about 490 km east of Chennai and 650 km northeast of Trincomalee (Sri Lanka). It would weaken gradually from tomorrow and move north-wards slowly for 36 hrs and then west-southwestward.

Track and intensity forecasts 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
08-12-2013/2330	13.4/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/0530	13.8/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	14.1/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
09-12-2013/1730	14.4/84.7	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
09-12-2013/2330	14.6/84.7	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1130	14.7/84.5	80-90 GUSTING TO 100	CYCLONIC STORM
10-12-2013/2330	14.6/84.2	70-80 GUSTING TO 90	CYCLONIC STORM
11-12-2013/1130	14.4/83.9	60-70 GUSTING TO 80	CYCLONIC STORM
11-12-2013/2330	14.0/83.4	50-60 GUSTING TO 70	DEEP DEPRESSION
12-12-2013/1130	13.6/83.0	40-50 GUSTING TO 60	DEPRESSION
12-12-2013/2330	13.1/82.5	40-50 GUSTING TO 60	DEPRESSION
13-12-2013/1130	12.5/82.0	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at a few places over coastal Andhra Pradesh and at isolated places over coastal Tamil Nadu and Puducherry and Andaman & Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 0530 hrs IST of the 9<sup>th</sup> December, 2013.**

(RANJEET SINGH)  
SCIENTIST - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 0500 hours IST

Dated: 09-12-2013

Bulletin No.: BOB08/2013/20

**Sub: Very severe cyclonic storm 'MADI' over southwest and adjoining westcentral Bay of Bengal**

The very severe cyclonic storm 'MADI' over southwest Bay of Bengal moved slightly northwards, and lay centred at 0230 hours IST of 9<sup>th</sup> December 2013 over southwest and adjoining westcentral Bay of Bengal near latitude 13.6° N and longitude 84.7° E, about 490 km east-northeast of Chennai and 670 km north-northeast of Trincomalee (Sri Lanka). It would weaken gradually from tomorrow and move north-wards slowly for 36 hrs and then west-southwestward.

Track and intensity forecasts 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
08-12-2013/0230	13.6/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/0530	13.8/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	14.1/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
09-12-2013/1730	14.4/84.7	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
09-12-2013/2330	14.6/84.7	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1130	14.7/84.5	80-90 GUSTING TO 100	CYCLONIC STORM
10-12-2013/2330	14.6/84.2	70-80 GUSTING TO 90	CYCLONIC STORM
11-12-2013/1130	14.4/83.9	60-70 GUSTING TO 80	CYCLONIC STORM
11-12-2013/2330	14.0/83.4	50-60 GUSTING TO 70	DEEP DEPRESSION
12-12-2013/1130	13.6/83.0	40-50 GUSTING TO 60	DEPRESSION
12-12-2013/2330	13.1/82.5	40-50 GUSTING TO 60	DEPRESSION
13-12-2013/1130	12.5/82.0	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at a few places over coastal Andhra Pradesh and at isolated places over coastal Tamil Nadu and Puducherry and Andaman & Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 0830 hrs IST of the 9<sup>th</sup> December, 2013.**

(RANJEET SINGH)  
SCIENTIST - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 0800 hours IST

Dated: 09-12-2013

Bulletin No.: BOB08/2013/21

**Sub: Very severe cyclonic storm 'MADI' over southwest and adjoining westcentral Bay of Bengal**

The very severe cyclonic storm 'MADI' over southwest Bay of Bengal moved northwards, and lay centred at 0530 hours IST of 9<sup>th</sup> December 2013 over southwest and adjoining westcentral Bay of Bengal near latitude 14.0° N and longitude 84.7° E, about 500 km east-northeast of Chennai and 710 km north-northeast of Trincomalee (Sri Lanka). It would weaken gradually and move northwards slowly for 24 hrs and then recurve towards west-southwestward.

Track and intensity forecasts 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
09-12-2013/0530	14.0/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	14.2/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
09-12-2013/1730	14.4/84.7	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
09-12-2013/2330	14.5/84.7	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/0530	14.6/84.6	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
10-12-2013/1730	14.7/84.4	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/0530	14.6/84.1	70-80 GUSTING TO 90	CYCLONIC STORM
11-12-2013/1730	14.2/83.7	60-70 GUSTING TO 80	CYCLONIC STORM
12-12-2013/0530	13.7/83.2	50-60 GUSTING TO 70	DEEP DEPRESSION
12-12-2013/1730	13.3/82.7	40-50 GUSTING TO 60	DEPRESSION
13-12-2013/0530	12.9/82.2	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at a few places over coastal Andhra Pradesh and at isolated places over coastal Tamil Nadu and Puducherry and Andaman & Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 1130 hrs IST of the 9<sup>th</sup> December, 2013.**

(RANJEET SINGH)

SCIENTIST - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 1100 hours IST

Dated: 09-12-2013

Bulletin No.: BOB08/2013/22

**Sub: Very severe cyclonic storm 'MADI' over westcentral and adjoining southwest Bay of Bengal**

The very severe cyclonic storm 'MADI' over westcentral and adjoining southwest Bay of Bengal remained practically stationary and lay centred at 0830 hours IST of 9<sup>th</sup> December 2013 over westcentral and adjoining southwest Bay of Bengal near latitude 14.0° N and longitude 84.7° E, about 500 km east-northeast of Chennai and 710 km north-northeast of Trincomalee (Sri Lanka). It would weaken gradually and move nearly northwards slowly for 12 hrs and then recurve southwestward.

Track and intensity forecasts 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
09-12-2013/0830	14.0/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1130	14.2/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1730	14.4/84.6	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/2330	14.5/84.5	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/0530	14.5/84.4	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1730	14.4/84.2	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/0530	14.0/83.7	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1730	13.5/83.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/0530	13.0/82.5	60-70 GUSTING TO 80	CYCLONIC STORM
12-12-2013/1730	12.5/81.8	50-60 GUSTING TO 70	DEEP DEPRESSION
13-12-2013/0530	12.0/81.0	40-50 GUSTING TO 60	DEPRESSION

Under the influence of this system, rainfall would occur at a few places over coastal Andhra Pradesh and at isolated places over coastal Tamil Nadu and Puducherry and Andaman & Nicobar Islands during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea.

**Next bulletin will be issued at 1430 hrs IST of the 9<sup>th</sup> December, 2013.**

(M.MOHAPATRA)  
SCIENTIST - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)

CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)

CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

Time of issue: 1330 hours IST

Dated: 09-12-2013

Bulletin No.: BOB08/2013/23

**Sub: Very severe cyclonic storm 'MADI' over westcentral and adjoining southwest Bay of Bengal**

The very severe cyclonic storm 'MADI' over westcentral and adjoining southwest Bay of Bengal moved slightly northwards and lay centred at 1130 hours IST of 9<sup>th</sup> December 2013 over westcentral and adjoining southwest Bay of Bengal near latitude 14.3° N and longitude 84.7° E, about 500 km east-northeast of Chennai and 740 km north-northeast of Trincomalee (Sri Lanka). It would weaken gradually and move nearly northwards slowly for some more time and then recurve southwestward.

Track and intensity forecasts 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
09-12-2013/1130	14.3/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1730	14.5/84.6	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/2330	14.6/84.5	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/0530	14.7/84.4	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1130	14.5/84.4	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/2330	14.2/84.2	90-100 GUSTING TO 110	CYCLONIC STORM
11-12-2013/1130	14.0/83.7	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/2330	13.5/83.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1130	13.0/82.5	60-70 GUSTING TO 80	DEEP DEPRESSION
12-12-2013/2330	12.5/81.8	50-60 GUSTING TO 70	DEPRESSION
13-12-2013/1130	12.0/81.0	40-50 GUSTING TO 60	LOW

Under the influence of this system, rainfall would occur at many places over Andaman & Nicobar Islands and at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea during next 48 hrs.

**Next bulletin will be issued at 1730 hrs IST of the 9<sup>th</sup> December, 2013.**

(CHARAN SINGH)  
SCIENTIST - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

**To: 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. 03192-223331)**

**CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)**

**CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)**

**CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)**

**Time of issue: 1630 hours IST**

**Dated: 09-12-2013**

**Bulletin No.: BOB08/2013/24**

**Sub: Very severe cyclonic storm 'MADI' over westcentral and adjoining southwest Bay of Bengal**

The very severe cyclonic storm 'MADI' over westcentral and adjoining southwest Bay of Bengal moved slightly northwards and lay centred at 1430 hours IST of 9<sup>th</sup> December 2013 over westcentral and adjoining southwest Bay of Bengal near latitude 14.4° N and longitude 84.7° E, about 510 km east-northeast of Chennai and 750 km north-northeast of Trincomalee (Sri Lanka). It would weaken gradually and move nearly northwards slowly for some more time and then recurve southwestward.

Track and intensity forecasts 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
09-12-2013/1430	14.4/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/1730	14.5/84.7	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
09-12-2013/2330	14.7/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/0530	14.7/84.6	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1130	14.6/84.5	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/2330	14.3/84.2	90-100 GUSTING TO 110	CYCLONIC STORM
11-12-2013/1130	13.8/83.7	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/2330	13.2/83.1	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1130	12.7/82.5	60-70 GUSTING TO 80	CYCLONIC STORM
12-12-2013/2330	12.1/81.8	50-60 GUSTING TO 70	DEEP DEPRESSION
13-12-2013/1130	11.5/81.0	40-50 GUSTING TO 60	DEPRESSION

Under the influence of this system, rainfall would occur at many places over Andaman & Nicobar Islands and at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 48 hrs.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea during next 48 hrs.

**Next bulletin will be issued at 2030 hrs IST of the 9<sup>th</sup> December, 2013.**

(M.MOHAPATRA)  
SCIENTIST - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

**To: 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. 03192-223331)**

**CHIEF SECRETARY, TAMILNADU (FAX NO.044-25672304)**

**CHIEF SECRETARY, PUDUCHERRY (FAX.NO.0413-2337575)**

**CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)**

**Time of issue: 2000 hours IST**

**Dated: 09-12-2013**

**Bulletin No.: BOB08/2013/25**

**Sub: Severe cyclonic storm 'MADI' over westcentral and adjoining southwest Bay of Bengal**

The very severe cyclonic storm 'MADI' over westcentral and adjoining southwest Bay of Bengal moved slightly northwards, weakened into a severe cyclonic storm and lay centred at 1730 hours IST of 9<sup>th</sup> December 2013 over westcentral and adjoining southwest Bay of Bengal near latitude 14.6° N and longitude 84.7° E, about 520 km east-northeast of Chennai and 770 km north-northeast of Trincomalee (Sri Lanka). It would weaken further gradually and move nearly northwards slowly for some more time and then recurve southwestward.

Track and intensity forecasts 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
09-12-2013/1730	14.6/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
09-12-2013/2330	14.8/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/0530	15.0/84.6	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1130	15.0/84.5	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1730	14.8/84.3	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/0530	14.3/83.7	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1730	13.8/83.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/0530	13.2/82.6	60-70 GUSTING TO 80	CYCLONIC STORM
12-12-2013/1730	12.5/81.9	50-60 GUSTING TO 70	DEEP DEPRESSION
13-12-2013/0530	11.8/81.2	40-50 GUSTING TO 60	DEPRESSION
13-12-2013/1730	11.1/80.5	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at many places over Andaman & Nicobar Islands and at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 36 hrs. Rainfall would increase gradually over coastal Tamil Nadu and Puducherry thereafter.

Fishermen along and off Tamil Nadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea during next 48 hrs.

**Next bulletin will be issued at 2330 hrs IST of the 9<sup>th</sup> December, 2013.**

(M.MOHAPATRA)  
SCIENTIST - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/  
Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue:** 2200 hours IST

**Dated:** 09 December, 2013  
**Bulletin No:** BOB08/2013/26

**Sub: Severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal remained practically stationary and lay centred at 2030 hours IST of today the 9 December 2013 over westcentral & adjoining southwest Bay of Bengal near lat.14.6°N and long. 84.7°E, about 520 km east-northeast of Chennai and 770 km north-northeast of Trincomalee (Sri Lanka). It would weaken further gradually and move nearly northwards slowly for some more time and then recurve southwestwards.

Track and intensity forecasts 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
09-12-2013/2030	14.6/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
09-12-2013/2330	14.8/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/0530	15.0/84.6	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1130	15.0/84.5	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1730	14.8/84.3	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/0530	14.3/83.7	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1730	13.8/83.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/0530	13.2/82.6	60-70 GUSTING TO 80	CYCLONIC STORM
12-12-2013/1730	12.5/81.9	50-60 GUSTING TO 70	DEEP DEPRESSION
13-12-2013/0530	11.8/81.2	40-50 GUSTING TO 60	DEPRESSION
13-12-2013/1730	11.1/80.5	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at many places over Andaman & Nicobar Islands and at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 48 hours. Rainfall would increase gradually over coastal Tamil Nadu and Puducherry thereafter.

Fishermen along and off Tamilnadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea during next 72 hrs.

**Next bulletin will be issued at 0230 hrs IST of the 10 December, 2013.**

(Charan Singh)  
Scientist - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue:** 0230 hours IST

**Dated:** 10 December, 2013  
**Bulletin No:** BOB08/2013/27

**Sub: Severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal moved slightly northwards and lay centred at 2330 hours IST of 9 December 2013 over westcentral & adjoining southwest Bay of Bengal near lat.14.8° N and long. 84.7° E, about 530 km east-northeast of Chennai and 780 km north-northeast of Trincomalee (Sri Lanka). It would weaken gradually and move nearly northwards slowly for some more time and then recurve southwestwards.

Track and intensity forecasts 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
09-12-2013/2330	14.8/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/0530	15.0/84.6	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/1130	15.0/84.5	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1730	14.8/84.3	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/2330	14.5/83.9	90-100 GUSTING TO 110	CYCLONIC STORM
11-12-2013/1130	14.2/83.6	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/2330	13.8/83.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1130	13.2/82.6	60-70 GUSTING TO 80	DEEP DEPRESSION
12-12-2013/2330	12.5/81.9	50-60 GUSTING TO 70	DEPRESSION
13-12-2013/1130	11.8/81.2	40-50 GUSTING TO 60	DEPRESSION
13-12-2013/2330	11.0/80.5	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at many places over Andaman & Nicobar Islands and at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 48 hours. Rainfall would increase gradually over coastal Tamil Nadu and Puducherry thereafter.

Fishermen along and off Tamilnadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea during next 72 hrs.

**Next bulletin will be issued at 0530 hrs IST of the 10 December, 2013.**

(Charan Singh)  
Scientist - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue:** 0530 hours IST

**Dated:** 10 December, 2013  
**Bulletin No:** BOB08/2013/28

**Sub: Severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal moved slightly northwards and lay centred at 0230 hours IST of today, the 10 December 2013 over westcentral & adjoining southwest Bay of Bengal near lat. 14.8° N and long. 84.7° E, about 530 km east-northeast of Chennai and 780 km north-northeast of Trincomalee (Sri Lanka). It would weaken gradually and move nearly northwards slowly for some more time and then recurve southwestwards.

Track and intensity forecasts 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
10-12-2013/0230	14.8/84.7	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/0530	15.0/84.6	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/1130	15.0/84.5	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/1730	14.8/84.3	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/2330	14.5/83.9	90-100 GUSTING TO 110	CYCLONIC STORM
11-12-2013/1130	14.2/83.6	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/2330	13.8/83.2	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1130	13.2/82.6	60-70 GUSTING TO 80	DEEP DEPRESSION
12-12-2013/2330	12.5/81.9	50-60 GUSTING TO 70	DEPRESSION
13-12-2013/1130	11.8/81.2	40-50 GUSTING TO 60	DEPRESSION
13-12-2013/2330	11.0/80.5	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at many places over Andaman & Nicobar Islands and at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 48 hours. Rainfall would increase gradually over coastal Tamil Nadu and Puducherry thereafter.

Fishermen along and off Tamilnadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea during next 72 hrs.

**Next bulletin will be issued at 0800 hrs IST of the 10 December, 2013.**

(Charan Singh)  
Scientist - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue:** 0730 hours IST

**Dated:** 10 December, 2013  
**Bulletin No:** BOB08/2013/29

**Sub: Severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal moved slightly north-northeastwards during past six hours and lay centred at 0530 hours IST of today, the 10 December 2013 over westcentral & adjoining southwest Bay of Bengal near lat.15.0° N and long. 85.0° E, about 560 km east-northeast of Chennai and 820 km north-northeast of Trincomalee (Sri Lanka). It would weaken gradually and move nearly northwards slowly for some more time and then recurve southwestwards.

Track and intensity forecasts 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
10-12-2013/0530	15.0/85.0	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/1130	15.2/84.8	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/1730	14.9/84.3	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/2330	14.6/83.9	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
11-12-2013/0530	14.2/83.5	90-100 GUSTING TO 110	CYCLONIC STORM
11-12-2013/1730	13.7/83.0	80-90 GUSTING TO 100	CYCLONIC STORM
12-12-2013/0530	13.2/82.5	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1730	12.5/81.9	60-70 GUSTING TO 80	DEEP DEPRESSION
13-12-2013/0530	11.8/81.2	40-50 GUSTING TO 60	DEPRESSION
13-12-2013/1730	11.0/80.5	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 48 hours and rainfall would increase gradually over coastal Tamil Nadu and Puducherry thereafter. Rainfall would also occur at many places over Andaman & Nicobar Islands during next 48 hours.

Fishermen along and off Tamilnadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea during next 72 hours.

**Next bulletin will be issued at 1130 hrs IST of the 10 December, 2013.**

(Charan Singh)  
Scientist - E

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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, 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue:** 1030 hours IST

**Dated:** 10 December, 2013  
**Bulletin No:** BOB08/2013/30

**Sub: Severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal moved northeastwards during past six hours and lay centred at 0830 hours IST of today, the 10<sup>th</sup> December 2013 over westcentral & adjoining southwest Bay of Bengal near lat.15.3<sup>o</sup> N and long. 85.3<sup>o</sup> E, about 600 km east-northeast of Chennai and 860 km north-northeast of Trincomalee (Sri Lanka). It would move nearly northwards slowly for some time and then recurve southwestwards and weaken gradually.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. <sup>o</sup> N/ long. <sup>o</sup> E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-12-2013/0830	15.3/85.3	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/1130	15.4/85.3	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/1730	15.5/85.2	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/2330	15.3/85.0	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
11-12-2013/0530	15.0/84.6	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1730	14.2/83.8	80-90 GUSTING TO 100	CYCLONIC STORM
12-12-2013/0530	13.3/83.0	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/1730	12.4/82.2	60-70 GUSTING TO 80	CYCLONIC STORM
13-12-2013/0530	11.5/81.3	50-60 GUSTING TO 70	DEEP DEPRESSION
13-12-2013/1730	10.6/80.4	40-50 GUSTING TO 60	DEPRESSION

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 48 hours and rainfall would increase gradually over coastal Tamil Nadu and Puducherry thereafter. Rainfall would also occur at many places over Andaman & Nicobar Islands during next 48 hours.

Fishermen along and off Tamilnadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea during next 72 hours.

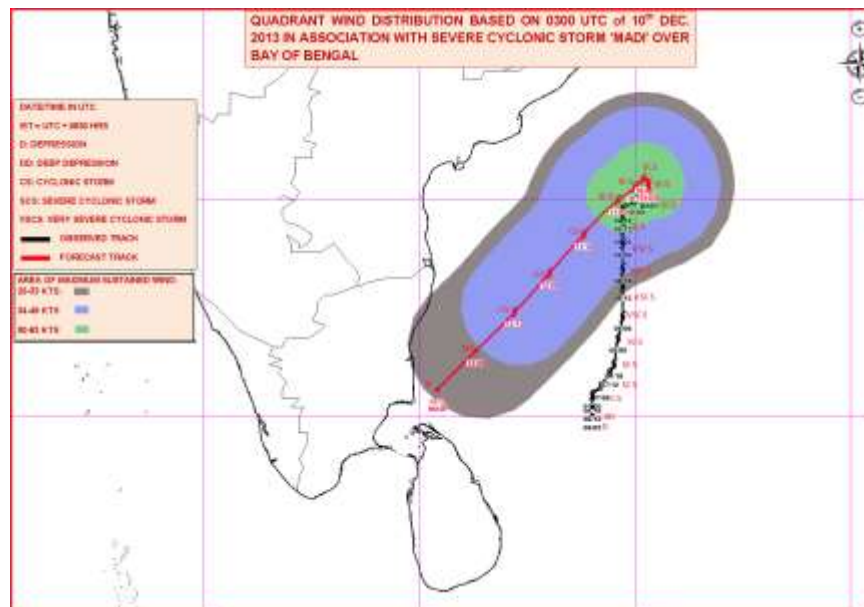
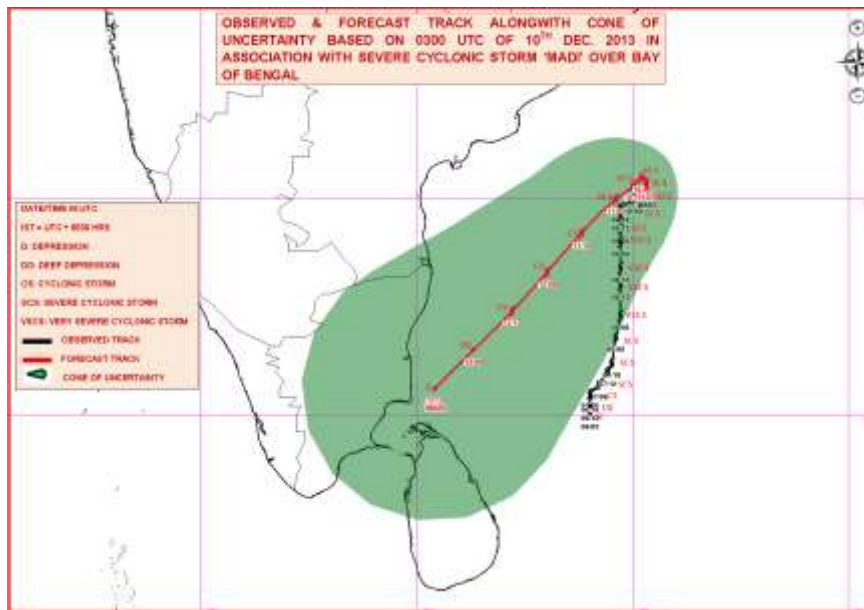
**Next bulletin will be issued at 1430 hrs IST of the 10 December, 2013.**

(M.MOHAPATRA)

Scientist - E  
Ph: 011-

24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086)





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue:** 1250 hours IST

**Dated:** 10 December, 2013  
**Bulletin No:** BOB08/2013/31

**Sub: Severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal moved slightly north-northeastwards during past six hours and lay centred at 1130 hours IST of today, the 10<sup>th</sup> December 2013 over westcentral & adjoining southwest Bay of Bengal near lat.15.4<sup>o</sup> N and long. 85.3<sup>o</sup> E, about 610 km east-northeast of Chennai and 880 km north-northeast of Trincomalee (Sri Lanka). It would move nearly northwards slowly for some time and then recurve southwestwards and weaken gradually.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. <sup>o</sup> N/ long. <sup>o</sup> E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-12-2013/1130	15.4/85.3	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/1730	15.6/85.3	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/2330	15.6/85.2	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
11-12-2013/0530	15.2/85.0	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
11-12-2013/1130	14.8/84.2	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/2330	14.0/83.6	80-90 GUSTING TO 100	CYCLONIC STORM
12-12-2013/1130	13.2/82.8	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/2330	12.4/82.0	60-70 GUSTING TO 80	CYCLONIC STORM
13-12-2013/1130	11.5/81.2	50-60 GUSTING TO 70	DEEP DEPRESSION
13-12-2013/2330	10.6/80.3	40-50 GUSTING TO 60	DEPRESSION

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 48 hours and rainfall would increase gradually over coastal Tamil Nadu and Puducherry thereafter. Rainfall would also occur at many places over Andaman & Nicobar Islands during next 48 hours.

Fishermen along and off Tamilnadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea during next 72 hours.

**Next bulletin will be issued at 1730 hrs IST of the 10 December, 2013.**

(M.MOHAPATRA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue:** 1600 hours IST

**Dated:** 10 December, 2013  
**Bulletin No:** BOB08/2013/32

**Sub: Severe cyclonic storm 'MADI' over westcentral Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral & adjoining southwest Bay of Bengal moved slightly northwards during past six hours and lay centred at 1430 hours IST of today, the 10<sup>th</sup> December 2013 over westcentral Bay of Bengal near lat.15.7<sup>o</sup> N and long. 85.3<sup>o</sup> E, about 450 km east-southeast of Machillipatnam, 630 km northeast of Chennai and 900 km north-northeast of Trincomalee (Sri Lanka). It would move nearly northwards slowly for some time and then recurve southwestwards and weaken gradually.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. <sup>o</sup> N/ long. <sup>o</sup> E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-12-2013/1430	15.7/85.3	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/1730	15.9/85.3	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
10-12-2013/2330	15.9/85.2	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
11-12-2013/0530	15.4/85.0	110-120 GUSTING TO 130	SEVERE CYCLONIC STORM
11-12-2013/1130	14.9/84.2	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/2330	14.0/83.6	80-90 GUSTING TO 100	CYCLONIC STORM
12-12-2013/1130	13.2/82.8	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/2330	12.4/82.0	60-70 GUSTING TO 80	CYCLONIC STORM
13-12-2013/1130	11.5/81.2	50-60 GUSTING TO 70	DEEP DEPRESSION
13-12-2013/2330	10.6/80.3	40-50 GUSTING TO 60	DEPRESSION

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 48 hours and rainfall would increase gradually over coastal Tamil Nadu and Puducherry thereafter. Rainfall would also occur at many places over Andaman & Nicobar Islands during next 48 hours.

Fishermen along and off Tamilnadu, Puducherry and Andhra Pradesh coasts are advised to be cautious while venturing into sea and should not venture into deep sea during next 72 hours.

**Next bulletin will be issued at 2030 hrs IST of the 10 December, 2013.**

(RANJEET SINGH)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 2000** hours IST

**Dated:** 10 December, 2013  
**Bulletin No:** BOB08/2013/33

**Sub: Severe cyclonic storm 'MADI' over westcentral Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral Bay of Bengal moved southwestward during past three hours and lay centred at 1730 hours IST of today, the 10<sup>th</sup> December 2013 over westcentral Bay of Bengal near lat.15.4<sup>o</sup> N and long. 85.0<sup>o</sup> E, about 430 km east-southeast of Machillipatnam, 580 km northeast of Chennai and 860 km north-northeast of Trincomalee (Sri Lanka). It would move southwestwards and weaken gradually.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. <sup>o</sup> N/ long. <sup>o</sup> E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-12-2013/1730	15.4/85.0	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/2330	14.9/84.5	100-100 GUSTING TO 120	SEVERE CYCLONIC STORM
11-12-2013/0530	14.4/84.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1130	13.9/83.5	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1730	13.4/83.0	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/0530	12.4/82.0	60-70 GUSTING TO 80	CYCLONIC STORM
12-12-2013/1730	11.5/81.0	50-60 GUSTING TO 70	DEEP DEPRESSION
13-12-2013/0530	10.6/80.0	40-50 GUSTING TO 60	DEPRESSION

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 24 hours and rainfall would increase gradually over coastal Tamil Nadu, Puducherry and south coast of Andhra Pradesh thereafter

Fishermen along and off Tamilnadu, Puducherry and Andhra Pradesh coasts are advised not venture into sea during next 72 hours.

**Next bulletin will be issued at 2330 hrs IST of the 10 December, 2013.**

(M. Mohapatra)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 2330** hours IST

**Dated:** 10 December, 2013  
**Bulletin No:** BOB08/2013/34

**Sub: Severe cyclonic storm 'MADI' over westcentral Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral Bay of Bengal moved southwestward during past three hours and lay centred at 2030 hours IST of today, the 10<sup>th</sup> December 2013 over westcentral Bay of Bengal near lat.15.0<sup>o</sup> N and long. 84.8<sup>o</sup> E, about 420 km east-southeast of Machillipatnam, 530 km northeast of Chennai and 810 km north-northeast of Trincomalee (Sri Lanka). It would move southwestwards and weaken gradually.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. <sup>o</sup> N/ long. <sup>o</sup> E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
10-12-2013/2030	15.0/84.8	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
10-12-2013/2330	14.8/84.5	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/0530	14.4/84.0	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1130	13.9/83.5	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1730	13.4/83.0	70-80 GUSTING TO 90	CYCLONIC STORM
12-12-2013/0530	12.4/82.0	60-70 GUSTING TO 80	CYCLONIC STORM
12-12-2013/1730	11.5/81.0	50-60 GUSTING TO 70	DEEP DEPRESSION
13-12-2013/0530	10.6/80.0	40-50 GUSTING TO 60	DEPRESSION

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 24 hours and rainfall would increase gradually over coastal Tamil Nadu, Puducherry and south coast of Andhra Pradesh thereafter

Fishermen along and off Tamilnadu, Puducherry and Andhra Pradesh coasts are advised not venture into sea during next 72 hours.

**Next bulletin will be issued at 0230 hrs IST of the 11 December, 2013.**

(T.N.JHA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 0230 hours IST**

**Dated: 11 December, 2013**  
**Bulletin No: BOB08/2013/35**

**Sub: Severe cyclonic storm 'MADI' over westcentral Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral Bay of Bengal moved slightly southwestward during past three hours and lay centred at 2330 hours IST of 10<sup>th</sup> December 2013 over westcentral Bay of Bengal near lat.14.9° N and long. 84.7° E, about 410 km east-southeast of Machillipatnam, 530 km northeast of Chennai and 790 km north-northeast of Trincomalee (Sri Lanka). It would move southwestwards and weaken gradually.

Track and intensity forecasts 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
10-12-2013/2330	14.9/84.7	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/0530	14.4/84.2	90-100 GUSTING TO 110	SEVERE CYCLONIC STORM
11-12-2013/1130	13.9/83.7	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1730	13.4/83.2	70-80 GUSTING TO 90	CYCLONIC STORM
11-12-2013/2330	12.9/82.7	50-60 GUSTING TO 70	DEEP DEPRESSION
12-12-2013/1130	12.0/81.7	40-50 GUSTING TO 60	DEPRESSION
12-12-2013/2330	11.0/80.5	25-35 GUSTING TO 45	WELL MARKED LOW

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 24 hours and rainfall would increase gradually over coastal Tamil Nadu, Puducherry and south coast of Andhra Pradesh thereafter

Fishermen along and off Tamilnadu, Puducherry and Andhra Pradesh coasts are advised not venture into sea during next 48 hours.

**Next bulletin will be issued at 0530 hrs IST of the 11 December, 2013.**

(T.N.JHA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 0530** hours IST

**Dated:** 11 December, 2013  
**Bulletin No:** BOB08/2013/36

**Sub: Severe cyclonic storm 'MADI' WEAKENED over west central Bay of Bengal**

The severe cyclonic storm 'MADI' over westcentral Bay of Bengal moved southwestward weakened into cyclonic storm at 0230 hours IST of 11<sup>th</sup> December 2013 over westcentral Bay of Bengal and lay centred near lat.14.6<sup>o</sup> N and long. 84.6<sup>o</sup> E, about 400 km east-southeast of Machillipatnam, 500 km northeast of Chennai and 750 km north-northeast of Trincomalee (Sri Lanka). It would move further southwestwards and weaken gradually.

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. <sup>o</sup> N/ long. <sup>o</sup> E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
11-12-2013/0230	14.6/84.6	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/0530	14.4/84.2	80-90 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1130	13.9/83.7	70-80 GUSTING TO 100	CYCLONIC STORM
11-12-2013/1730	13.4/83.2	70-80 GUSTING TO 90	CYCLONIC STORM
11-12-2013/2330	12.9/82.7	50-60 GUSTING TO 70	DEEP DEPRESSION
12-12-2013/1130	12.0/81.7	40-50 GUSTING TO 60	DEPRESSION
12-12-2013/2330	11.0/80.5	25-35 GUSTING TO 45	WELL MARKED LOW

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 24 hours and rainfall would increase gradually over coastal Tamil Nadu, Puducherry and south coast of Andhra Pradesh thereafter

Fishermen along and off Tamilnadu, Puducherry and south Andhra Pradesh coasts are advised not venture into sea during next 48 hours.

**Next bulletin will be issued at 0830 hrs IST of the 11 December, 2013.**

(T.N.JHA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 0830** hours IST

**Dated:** 11 December, 2013  
**Bulletin No:** BOB08/2013/37

**Sub: The cyclonic storm 'MADI' over west central Bay of Bengal**

The cyclonic storm 'MADI' over westcentral Bay of Bengal moved south - southwestward and lay centred at 0530 hours IST of 11<sup>th</sup> December 2013 over westcentral Bay of Bengal near lat.14.5° N and long. 84.4° E, about 400 km east-southeast of Machillipatnam, 480 km northeast of Chennai and 740 km north-northeast of Trincomalee (Sri Lanka). It would move further south - southwestwards and weaken into depression during next 12 hours

Track and intensity forecasts 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
11-12-2013/0530	14.5/84.4	70-80 GUSTING TO 90	CYCLONIC STORM
11-12-2013/1130	14.0/84.0	50-60 GUSTING TO 70	DEEP DEPRESSION
11-12-2013/1730	13.5/83.6	40-50 GUSTING TO 60	DEPRESSION
11-12-2013/2330	13.0/83.2	40-50 GUSTING TO 60	DEPRESSION
12-12-2013/0530	12.5/82.7	20-30 GUSTING TO 40	LOW

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 24 hours.

Fishermen along and off North Tamilnadu, Puducherry and south Andhra Pradesh coasts are advised not to venture into sea during next 24 hours.

**Next bulletin will be issued at 1130 hrs IST of the 11 December, 2013.**

(T.N.JHA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 1100 hours IST**

**Dated: 11 December, 2013**  
**Bulletin No: BOB08/2013/38**

**Sub: Cyclonic Storm 'MADI' over west central Bay of Bengal weakened into a Deep Depression**

The cyclonic storm 'MADI' over westcentral Bay of Bengal moved southwestward, weakened into a deep depression and lay centred at 0830 hours IST of 11<sup>th</sup> December 2013 over westcentral Bay of Bengal near lat.14.0<sup>o</sup> N and long. 83.8<sup>o</sup> E, about 380 km southeast of Machillipatnam, 400 km east-northeast of Chennai and 660 km north-northeast of Trincomalee (Sri Lanka). It would move further southwestwards and weaken into depression during next 12 hours

Track and intensity forecasts 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
11-12-2013/0830	14.0/83.8	55-65 GUSTING TO 75	DEEP DEPRESSION
11-12-2013/1130	13.8/83.5	50-60 GUSTING TO 70	DEEP DEPRESSION
11-12-2013/1730	13.3/83.0	45-55 GUSTING TO 65	DEPRESSION
11-12-2013/2330	12.8/82.4	40-50 GUSTING TO 60	DEPRESSION
12-12-2013/0530	12.3/81.8	25-35 GUSTING TO 45	WELL MARKED LOW

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 24 hours. Rainfall would occur at many places over Tamil Nadu & Puducherry with isolated heavy falls over coastal Tamil Nadu during subsequent 48 hrs.

Fishermen along and off North Tamilnadu, Puducherry and south Andhra Pradesh coasts are advised not to venture into sea during next 24 hours.

**Next bulletin will be issued at 1430 hrs IST of the 11 December, 2013.**

(M.MOHAPATRA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



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INDIA METEOROLOGICAL DEPARTMENT

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

To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 1400** hours IST

**Dated:** 11 December, 2013  
**Bulletin No:** BOB08/2013/39

**Sub: Deep Depression over westcentral Bay of Bengal**

The deep depression over westcentral Bay of Bengal moved slightly southwestward, and lay centred at 1130 hours IST of 11<sup>th</sup> December 2013 near lat.13.7° N and long. 83.6° E, about 380 km southeast of Machillipatnam, 370 km east-northeast of Chennai and 620 km north-northeast of Trincomalee (Sri Lanka). It would move further southwestwards and weaken into depression during next 12 hours

Track and intensity forecasts 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
11-12-2013/1130	13.7/83.6	50-60 GUSTING TO 70	DEEP DEPRESSION
11-12-2013/1730	13.3/83.0	45-55 GUSTING TO 65	DEPRESSION
11-12-2013/2330	12.8/82.4	40-50 GUSTING TO 60	DEPRESSION
12-12-2013/0530	12.3/81.8	25-35 GUSTING TO 45	WELL MARKED LOW

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 24 hours. Rainfall would occur at many places over Tamil Nadu & Puducherry with isolated heavy falls over coastal Tamil Nadu during subsequent 48 hrs.

Fishermen along and off North Tamilnadu, Puducherry and south Andhra Pradesh coasts are advised not to venture into sea during next 24 hours.

**Next bulletin will be issued at 1730 hrs IST of the 11 December, 2013.**

(M.MOHAPATRA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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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DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
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CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 1630 hours IST**

**Dated: 11 December, 2013**  
**Bulletin No: BOB08/2013/40**

**Sub: Deep Depression over westcentral and adjoining southwest Bay of Bengal**

The deep depression over westcentral Bay of Bengal moved slightly southwestwards, and lay centred at 1430 hours IST of 11<sup>th</sup> December 2013 over westcentral and adjoining southwest Bay of Bengal near lat.13.3<sup>0</sup>N and long. 83.3<sup>0</sup>E, about 400 km southeast of Machillipatnam, 340 km east-northeast of Chennai and 570 km north-northeast of Trincomalee (Sri Lanka). It would move further southwestwards and weaken into depression during next 06 hours

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. <sup>0</sup> N/ long. <sup>0</sup> E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
11-12-2013/1430	13.3/83.3	50-60 GUSTING TO 70	DEEP DEPRESSION
11-12-2013/1730	13.1/83.0	45-55 GUSTING TO 65	DEPRESSION
11-12-2013/2330	12.6/82.4	40-50 GUSTING TO 60	DEPRESSION
12-12-2013/0530	12.1/81.8	25-35 GUSTING TO 45	WELL MARKED LOW

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 24 hours. Rainfall would occur at many places over Tamil Nadu & Puducherry with isolated heavy falls over coastal Tamil Nadu during subsequent 48 hrs.

Fishermen along and off North Tamilnadu, Puducherry and south Andhra Pradesh coasts are advised not to venture into sea during next 24 hours.

**Next bulletin will be issued at 2030 hrs IST of the 11 December, 2013.**

(M.MOHAPATRA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
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CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 1930 hours IST**

**Dated: 11 December, 2013**  
**Bulletin No: BOB08/2013/41**

**Sub: Deep Depression over westcentral and adjoining southwest Bay of Bengal**

The deep depression over westcentral Bay and adjoining southwest Bay of Bengal moved south-southwestward at a speed of about 10 kmph during past 6 hrs, and lay centred at 1730 hours IST of 11<sup>th</sup> December 2013 over westcentral and adjoining southwest Bay of Bengal near lat.13.3<sup>o</sup>N and long. 83.3<sup>o</sup>E, about 400 km southeast of Machillipatnam, 340 km east-northeast of Chennai and 570 km north-northeast of Trincomalee (Sri Lanka). It would move southwestwards and weaken into a depression during next 12 hours

Track and intensity forecasts of the system are given in the table below:

Date/Time(IST)	Position (Lat. <sup>o</sup> N/ long. <sup>o</sup> E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
11-12-2013/1730	13.3/83.3	50-60 GUSTING TO 70	DEEP DEPRESSION
11-12-2013/2330	12.8/82.7	50-60 GUSTING TO 70	DEEP DEPRESSION
12-12-2013/0530	12.3/82.0	45-55 GUSTING TO 65	DEPRESSION
12-12-2013/1130	11.8/81.2	40-50 GUSTING TO 60	DEPRESSION
12-12-2013/1730	11.3/80.3	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 12 hours. Rainfall would occur at many places over Tamil Nadu & Puducherry with isolated heavy falls over coastal Tamil Nadu during subsequent 48 hrs.

Fishermen along and off North Tamilnadu, Puducherry and south Andhra Pradesh coasts are advised not to venture into sea during next 24 hours. Fishermen along and off south Tamil Nadu are advised to be cautious while venturing into Sea.

**Next bulletin will be issued at 0230 hrs IST of the 12 December, 2013.**

(M.MOHAPATRA  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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, DST (Fax No. 26863847/-2418)  
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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)  
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CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 0130 hours IST**

**Dated: 12 December, 2013**  
**Bulletin No: BOB08/2013/42**

**Sub: Depression over southwest Bay of Bengal**

The deep depression over westcentral Bay and adjoining southwest Bay of Bengal moved southwestward at a speed of about 10 kmph during past 6 hrs, weakened into a depression and lay centred at 2330 hours IST of 11<sup>th</sup> December 2013 over southwest Bay of Bengal near lat.12.9°N and long. 82.7°E, about, 270 km east-northeast of Chennai and 500 km north-northeast of Trincomalee (Sri Lanka). It would move further southwestwards and weaken into a well marked low pressure area during next 18 hours

Track and intensity forecasts 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
11-12-2013/2330	12.9/82.7	45-55 GUSTING TO 65	DEPRESSION
12-12-2013/0530	12.5/82.0	45-55 GUSTING TO 65	DEPRESSION
12-12-2013/1130	11.9/81.2	40-50 GUSTING TO 60	DEPRESSION
12-12-2013/1730	11.3/80.3	30-40 GUSTING TO 50	WELL MARKED LOW

Under the influence of this system, rainfall would occur at isolated places over coastal Andhra Pradesh, coastal Tamil Nadu and Puducherry during next 12 hours. Rainfall would occur at many places over Tamil Nadu & Puducherry with isolated heavy falls over coastal Tamil Nadu during subsequent 36 hrs.

Fishermen along and off North Tamilnadu, Puducherry and south Andhra Pradesh coasts are advised not to venture into sea during next 24 hours. Fishermen along and off south Tamil Nadu are advised to be cautious while venturing into Sea.

**Next bulletin will be issued at 0830 hrs IST of today the 12 December, 2013.**

(RANJEET SINGH)  
Scientist - E  
Ph: 011-24631913

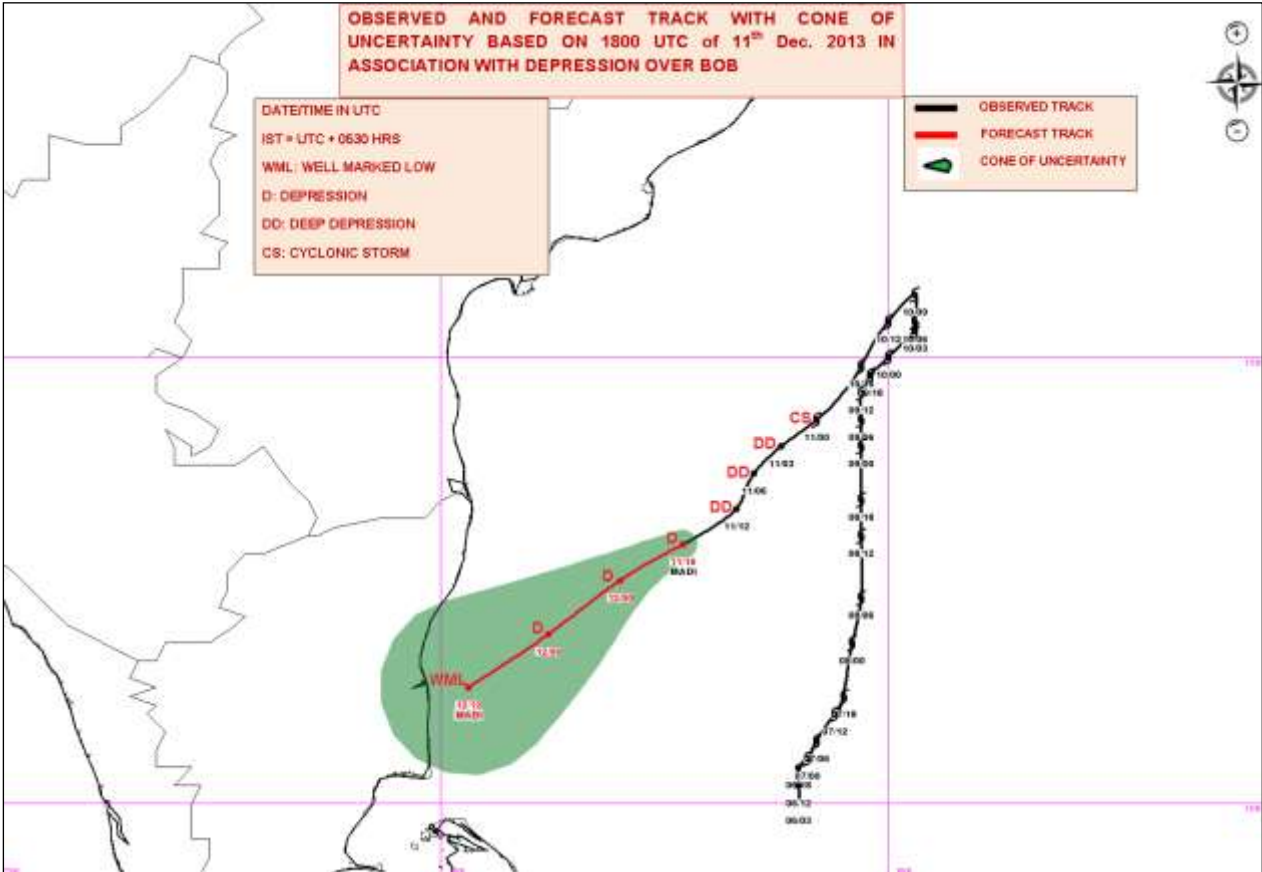
CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC  
Visakhapatnam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) /  
Command M. O Visakhapatnam. (0891-2709086)



**OBSERVED AND FORECAST TRACK WITH CONE OF UNCERTAINTY BASED ON 1800 UTC of 11<sup>th</sup> Dec. 2013 IN ASSOCIATION WITH DEPRESSION OVER BOB**

DATE/TIME IN UTC  
 IST = UTC + 0530 HRS  
 WML: WELL MARKED LOW  
 D: DEPRESSION  
 DD: DEEP DEPRESSION  
 CS: CYCLONIC STORM

— OBSERVED TRACK  
 — FORECAST TRACK  
 ◀ CONE OF UNCERTAINTY





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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To: 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. 03192-223331)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 0800** hours IST

**Dated:** 12 December, 2013

**Bulletin No:** BOB08/2013/43

**Sub: Depression weakened into a Well Marked Low Pressure Area over southwest Bay of Bengal**

The depression over westcentral Bay and adjoining southwest Bay of Bengal moved southwestward, weakened further and lay as a Well Marked Low Pressure Area over southwest Bay of Bengal at 0530 hours IST of today, the 12<sup>th</sup> December 2013.

Under the influence of this system, rainfall would occur at many places over Tamil Nadu & Puducherry with isolated heavy falls over coastal Tamil Nadu during next 48 hrs.

**This is the last bulletin for this system.**

**However the regular bulletin will continue from Regional Meteorological centre, Chennai and Meteorological centre, Hyderabad.**

(M.MOHAPATRA)

Scientist - E  
Ph: 011-

24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatanam/Bhubaneswar/M.O. Port Blair/ Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatanam. (0891-2709086)



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INDIA METEOROLOGICAL DEPARTMENT

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CHIEF SECRETARY, ANDHRA PRADESH (FAX.NO.040-23453700)

**Time of issue: 1730** hours IST

**Dated:** 12 December, 2013  
**Bulletin No:** BOB08/2013/44

**Sub: Depression over southwest Bay of Bengal**

Latest Satellite imagery and coastal & RADAR observations indicate that the well marked low pressure area lay as a Depression at 1430 hrs IST of today, the 12<sup>th</sup> December 2013 over southwest Bay of Bengal near lat. 10.7°N and long. 80.7°E, about 90 km east of Nagapattinam. It would move west-southwestwards and cross Tamil Nadu coast between Vedaranniyam and Pamban by midnight of today or tomorrow morning.

Under the influence of this system, rainfall would occur at many places over Tamil Nadu & Puducherry with isolated heavy falls during next 48 hrs.

Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off Tamil Nadu and Puducherry coasts during next 24 hrs.

Fishermen along and off Tamil Nadu and Puducherry coasts are advised not to venture into sea during next 24 hrs.

Next bulletin will be issued at 2030 hrs IST of today, the 12<sup>th</sup> December 2013.

(M.MOHAPATRA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086).



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CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)

**Time of issue: 2000 hours IST**

**Dated: 12 December, 2013**  
**Bulletin No: BOB08/2013/45**

**Sub: Depression over southwest Bay of Bengal**

The Depression over southwest Bay of Bengal moved west-southwestwards and lay centred at 1730 hrs IST of today, the 12<sup>th</sup> December 2013 over southwest Bay of Bengal near lat. 10.5°N and long. 80.0°E, about 20 km east of Vedaranyam. It would move west-southwestwards and cross Tamil Nadu coast close to Vedaranyam within a few hours. It would emerge into the Palk Strait and move west-southwestwards and cross again Tamil Nadu coast between Atiramapattinam and Pamban close to Tondi by midnight of today/early morning of tomorrow.

Under the influence of this system, rainfall would occur at many places over Tamil Nadu & Puducherry with isolated heavy falls during next 48 hrs.

Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off Tamil Nadu and Puducherry coasts during next 24 hrs.

Fishermen along and off Tamil Nadu and Puducherry coasts are advised not to venture into sea during next 24 hrs.

Next bulletin will be issued at 0230 hrs IST of tomorrow 13<sup>th</sup> December 2013.

(M.MOHAPATRA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086).



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)

**Time of issue: 0130 hours IST**

**Dated: 13 December, 2013**  
**Bulletin No: BOB08/2013/46**

**Sub: Depression over southwest Bay of Bengal**

The Depression over southwest Bay of Bengal moved west-southwestwards and crossed Tamil Nadu coast closed to Vedaranyam around 1900 hours IST of 12<sup>th</sup> December 2013. It then emerge into Palk Strait at 2030 Hours IST, moved west-southwestwards and crossed again Tamil Nadu coast near Tondi around 2230 hours IST of 12<sup>th</sup> December 2013 and lay centred at 2330 hrs IST of the 12<sup>th</sup> December near lat. 10.0°N and long. 78.5°E, about 50 km northeast of Madurai. The system would move west-southwestwards and weaken gradually into a well marked low pressure area during next 24 hrs.

Under the influence of this system, rainfall would occur at many places over Tamil Nadu, Puducherry & Kerala with isolated heavy falls during next 24 hrs.

Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off Tamil Nadu and Puducherry coasts during next 12 hrs.

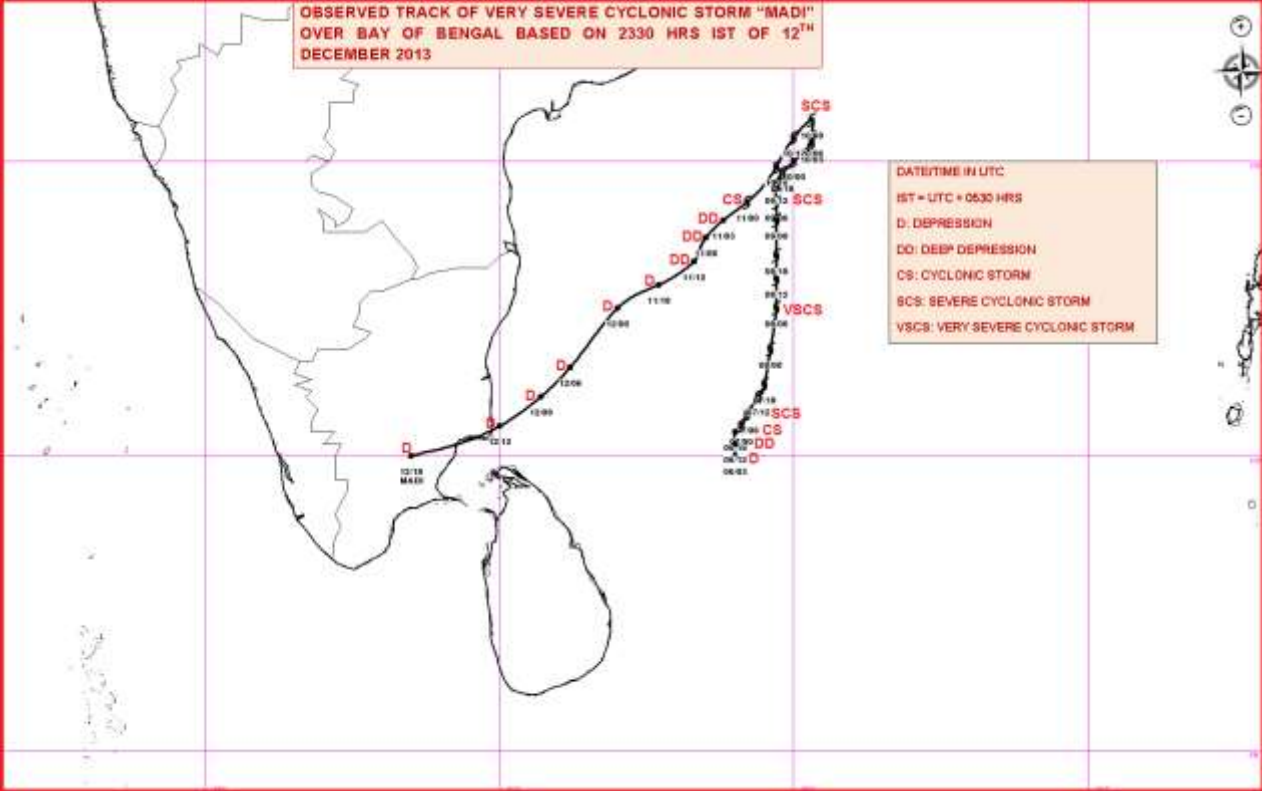
Fishermen along and off Tamil Nadu and Puducherry coasts are advised not to venture into sea during next 12 hrs.

Next bulletin will be issued at 0830 hrs IST of 13<sup>th</sup> December 2013.

(T.N. JHA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam. (0891-2709086).

OBSERVED TRACK OF VERY SEVERE CYCLONIC STORM "MADI"  
OVER BAY OF BENGAL BASED ON 2330 HRS IST OF 12<sup>TH</sup>  
DECEMBER 2013





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

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

To: 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)  
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H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)  
DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX.NO. 0413-2337575)  
CHIEF SECRETARY, KERALA (FAX NO. 0471-2327176)  
ADMINISTRATOR, LAKSHADWEEP (FAX NO 04896-262184, 262140)

**Time of issue: 0830** hours IST

**Dated:** 13 December, 2013  
**Bulletin No:** BOB08/2013/47

**Sub: Depression weakened into a well marked low pressure area**

The Depression over Tamil Nadu moved westwards, weakened into a well marked low pressure area over southeast Arabian Sea and adjoining Kerala at 0530 hrs IST of the 13<sup>th</sup> December. The system would move further westwards and weaken gradually.

Under the influence of this system, rainfall would occur at many places over Lakshadweep and Kerala with isolated heavy falls over Lakshadweep during next 24 hrs.

Strong surface wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Lakshadweep area and along off Kerala coast during next 24 hrs.

Fishermen of Lakshadweep and Kerala coasts are advised not to venture into sea during next 24 hrs.

**This is the last bulletin for the system, however routine bulletins will be issued by Regional Meteorological Centre, Chennai and Meteorological Centre, Thiruvananthapuram.**

(M.MOHAPATRA)  
Scientist - E  
Ph: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ Mumbai, CWC Visakhapatnam/Bhubaneswar/Command M.O. Mumbai (022-22630084) / Command M. O Visakhapatnam/MC Thiruvananthapuram. (0891-2709086).

