



भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

FAX MESSAGE

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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24360336)
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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)
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. 03192-234087 & 238880)
CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)
CHIEF SECRETARY, GOVT. OF PUDUCHERRY (FAX NO. 0413-2337575)**

BOB 05/2011/01

Dated: 25.12. 2011

Time of issue: 2000 hours IST

Sub: Depression over southeast Bay of Bengal.

Latest satellite imagery indicates that a depression has formed over southeast Bay of Bengal and lay centred at 1730 hrs IST of today, the 25th December 2011 near latitude 8.5^oN and longitude 88.5^oE, about 1000 km southeast of Chennai (Tamilnadu), 800 km east of Trincomalee (Srilanka), 600 km west-southwest of Port Blair (Andaman & Nicobar island). The system is likely to move initially north-northwestwards, intensify into a deep depression and subsequently into a cyclonic storm during next 48 hrs. It may then move towards north Tamil Nadu coast.

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar islands during next 48 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over coastal Tamil Nadu and Puducherry from 27th December 2011

Squally winds speed reaching 45-55 kmph is likely to commence along and off Tamil Nadu and Puducherry coasts from 27th December onwards. Sea condition will be rough to very rough along and off Tamil Nadu and Puducherry coast from that period.

Fishermen along Tamil Nadu and Puducherry coasts, who are out at sea are advised to return to the coast.

The next bulletin will be issued at 0230 hrs IST of tomorrow, the 26th December, 2011

(M Mohapatra)
Scientist-E

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



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

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CONTROL ROOM NDMA, FAX.NO.26701729)

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CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND

(FAX NO. 03192-231945/233110)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

BOB 05/2011/02

Dated: 26.12. 2011

Time of issue:0130 hours IST

Sub: Depression over southeast Bay of Bengal.

The depression over southeast Bay of Bengal moved northwestwards and lay centred at 2330 hrs IST of yesterday, the 25th December 2011 over southeast Bay of Bengal near latitude 9.0⁰N and longitude 88.0⁰E, about 950 km southeast of Chennai (Tamilnadu), 750 km east-northeast of Trincomalee (Srilanka), 600 km southwest of Port Blair (Andaman & Nicobar island). The system is likely to move northwestwards, intensify into a deep depression and subsequently into a cyclonic storm during next 48 hrs. It may then move towards north Tamil Nadu coast.

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar islands during next 48 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over coastal Tamil Nadu and Puducherry from 27th December 2011

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar coast during next 48 hours and squally winds speed reaching 45-55 kmph likely to commence along and off Tamil Nadu and Puducherry coasts from 27th December onwards.

Sea condition will be rough to very rough along and off Andaman & Nicobar island, coast during next 48 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 27th December 2011 onwards

Fishermen along Andaman & Nicobar coast are advised not to venture into sea and fishermen along Tamil Nadu and Puducherry coasts, who are out at sea are advised to return to the coast.

The next bulletin will be issued at 0830 hrs IST of today, the 26th December, 2011

(T.N. Jha)

Director

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



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INDIA METEOROLOGICAL DEPARTMENT

FAX MESSAGE

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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CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

BOB 05/2011/03

Dated: 26.12. 2011

Time of issue:0830 hours IST

Sub :Deep Depression over southeast Bay of Benga I- Pre-cyclone watch.

The depression over southeast Bay of Bengal moved northwestwards, intensified into deep depression, and lay centred at 0530 hrs IST of today, the 26th December 2011 over southeast Bay of Bengal near latitude 9.5^oN and longitude 87.5^oE, about 900 km southeast of Chennai (Tamilnadu), 700 km east-northeast of Trincomalee (Srilanka), 600 km southwest of Port Blair (Andaman & Nicobar island). The system is likely to move northwestwards, intensify into a cyclonic storm during next 24 hrs. It is likely to move northwestward initially, then west-northwestwards and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by early morning of 29th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. ^o N/ long. ^o E)	Sustained maximum surface wind speed (kmph)	Intensity
26-12-2011/0530	9.5/87.5	55-65 gusting to 75	Deep Depression
26-12-2011/1130	10.0/87.0	55-65 gusting to 75	Deep Depression
26-12-2011/1730	10.5/86.5	65-75 gusting to 85	Cyclonic Storm
26-12-2011/2330	11.0/86.0	75-85 gusting to 95	Cyclonic Storm
27-12-2011/0530	11.5/85.5	90-100 gusting to 110	Severe Cyclonic Storm
27-12-2011/1730	12.0/84.5	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/0530	12.5/83.5	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/1730	13.0/82.0	100-110 gusting to 120	Severe Cyclonic Storm
29-12-2011/0530	13.0/80.5	100-110 gusting to 120	Severe Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar islands during next 24 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over coastal Tamil Nadu and Puducherry from 27th December 2011

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar coast during next 24 hours and squally winds speed reaching 45-55 kmph likely to commence along and off Tamil Nadu and Puducherry coasts from 27th December onwards.

Sea condition will be rough to very rough along and off Andaman & Nicobar Island, coast during next 48 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 27th December 2011 onwards

Fishermen along Andaman & Nicobar coast are advised not to venture into sea during next 24 hours and fishermen along Tamil Nadu, Puducherry & south Andhra Pradesh coast coasts, who are out at sea are advised to return to the coast.

The next bulletin will be issued at 1130 hrs IST of today, the 26th December, 2011

(T.N. Jha)
Director

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



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To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)

CONTROL ROOM NDMA, FAX.NO.26701729)

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SECRETARY, MoES, (Fax No. 24360336)

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)

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DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND

(FAX NO. 03192-231945/233110)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/04

Dated: 26.12. 2011

Time of issue:1100 hours IST

Sub : Deep Depression over southeast Bay of Bengal- Pre-cyclone watch.

The deep depression over southeast Bay of Bengal remained practically stationary during past 3 hours and lay centred at 0830 hrs IST of today, the 26th December 2011 over southeast Bay of Bengal near latitude 9.5^oN and longitude 87.5^oE, about 900 km southeast of Chennai (Tamilnadu), 700 km east-northeast of Trincomalee (Srilanka), 600 km southwest of Port Blair (Andaman & Nicobar island). The system is likely to move northwestwards, intensify into a cyclonic storm during next 24 hrs. Then it is likely to move west-northwestwards and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by early morning of 29th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. ^o N/ long. ^o E)	Sustained maximum surface wind speed (kmph)	Intensity
26-12-2011/0830	9.5/87.5	55-65 gusting to 75	Deep Depression
26-12-2011/1130	10.0/87.0	55-65 gusting to 75	Deep Depression
26-12-2011/1730	10.5/86.5	65-75 gusting to 85	Cyclonic Storm
26-12-2011/2330	11.0/86.0	75-85 gusting to 95	Cyclonic Storm
27-12-2011/0530	11.5/85.5	90-100 gusting to 110	Severe Cyclonic Storm
27-12-2011/1730	12.0/84.5	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/0530	12.5/83.5	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/1730	13.0/82.0	100-110 gusting to 120	Severe Cyclonic Storm
29-12-2011/0530	13.0/80.5	100-110 gusting to 120	Severe Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar Islands during next 24 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh from 27th December 2011 afternoon.

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar Islands during next 24 hours and squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 27th December afternoon onwards.

Sea condition will be rough to very rough along and off Andaman & Nicobar Islands during next 24 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 27th December 2011 afternoon onwards

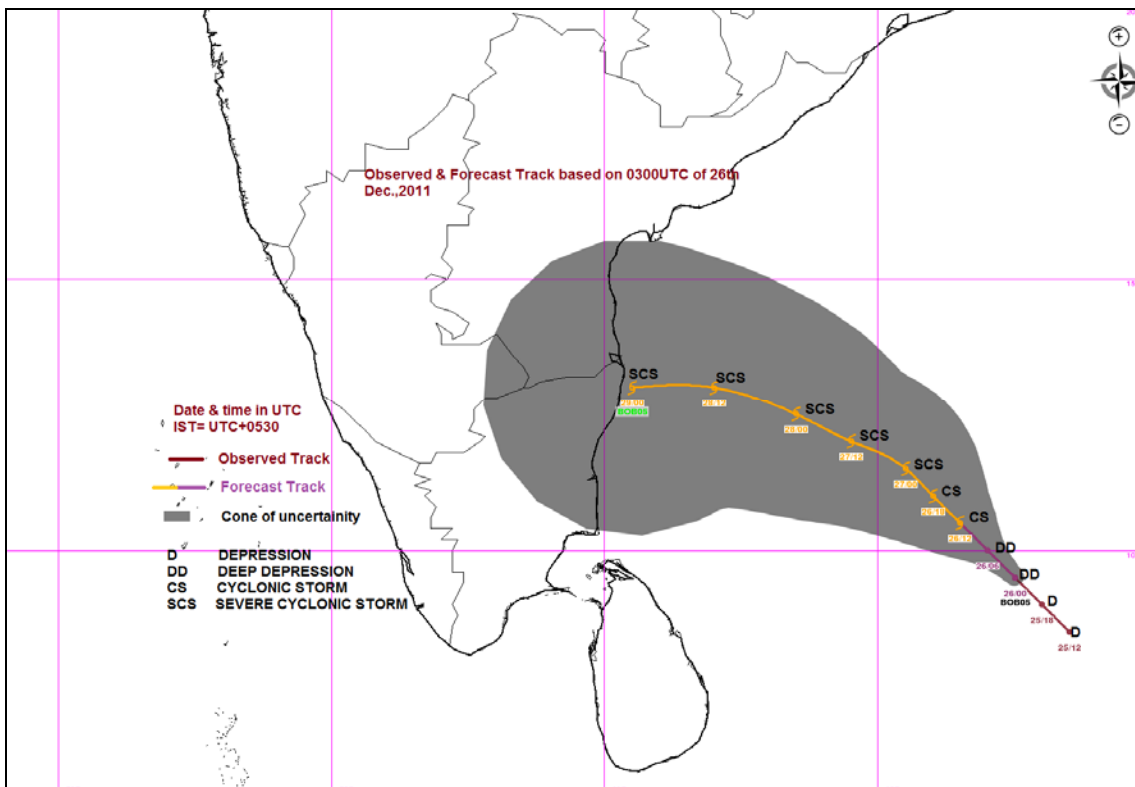
Fishermen along Andaman & Nicobar Islands are advised not to venture into sea during next 24 hours and fishermen along Tamil Nadu, Puducherry & south Andhra Pradesh coast coasts, who are out at sea are advised to return to the coast.

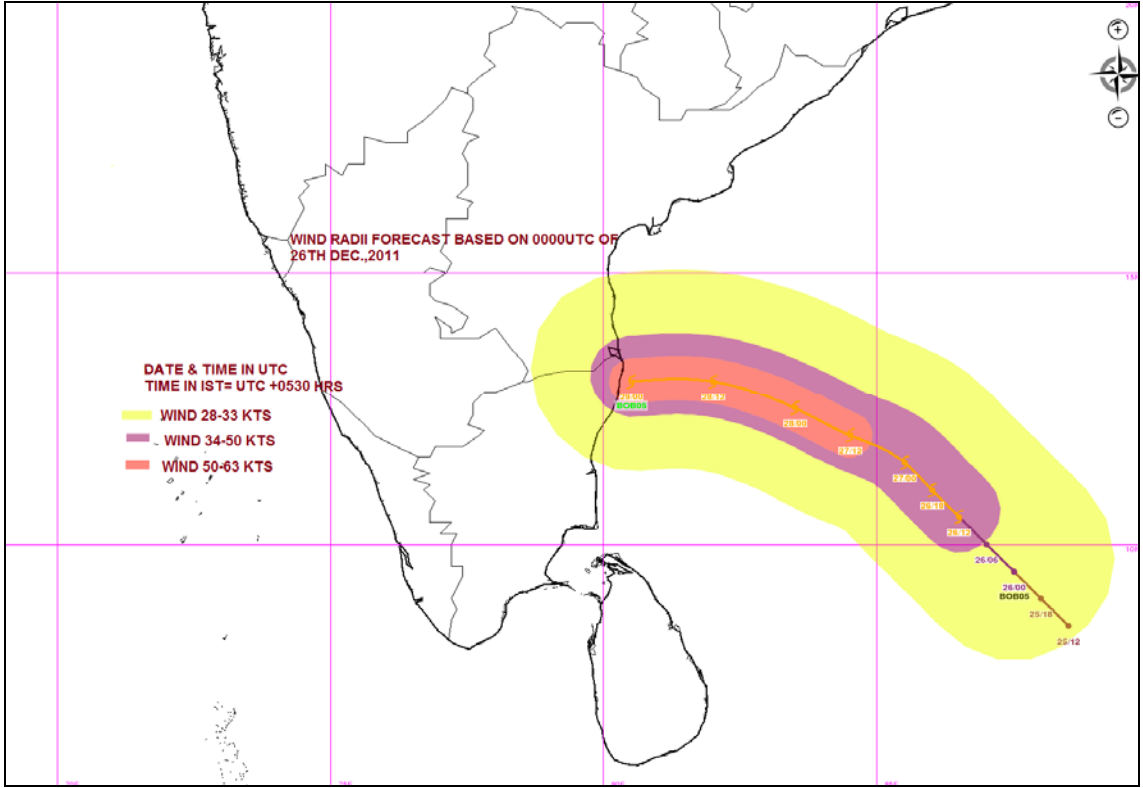
The next bulletin will be issued at 1430 hrs IST of today, the 26th December, 2011

(M.Mohapatra)

Director

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.







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CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/05

Dated: 26.12. 2011

Time of issue:1330 hours IST

Sub : Deep Depression over southeast Bay of Bengal- Pre-cyclone watch.

The deep depression over southeast Bay of Bengal moved northwards during past 6 hours and lay centred at 1130 hrs IST of today, the 26th December 2011 over southeast Bay of Bengal near latitude 10.0^oN and longitude 87.5^oE, about 850 km southeast of Chennai (Tamilnadu), 670 km east-northeast of Trincomalee (Srilanka), 600 km southwest of Port Blair (Andaman & Nicobar island). The system is likely to move northwestwards, intensify into a cyclonic storm during next 24 hrs. Then it is likely to move west-northwestwards and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by morning of 29th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. ^o N/ long. ^o E)	Sustained maximum surface wind speed (kmph)	Intensity
26-12-2011/1130	10.0/87.5	55-65 gusting to 75	Deep Depression
26-12-2011/1730	10.5/87.5	65-75 gusting to 85	Cyclonic Storm
26-12-2011/2330	11.0/87.0	75-85 gusting to 95	Cyclonic Storm
27-12-2011/0530	11.5/86.5	90-100 gusting to 110	Severe Cyclonic Storm
27-12-2011/1130	12.0/86.0	90-100 gusting to 110	Severe Cyclonic Storm
27-12-2011/2330	12.3/84.5	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/1130	12.5/83.0	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/2330	12.5/81.5	100-110 gusting to 120	Severe Cyclonic Storm
29-12-2011/1130	12.5/80.0	100-110 gusting to 120	Severe Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar Islands during next 24 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh from 28th December 2011 morning.

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar Islands during next 24 hours and squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December morning onwards.

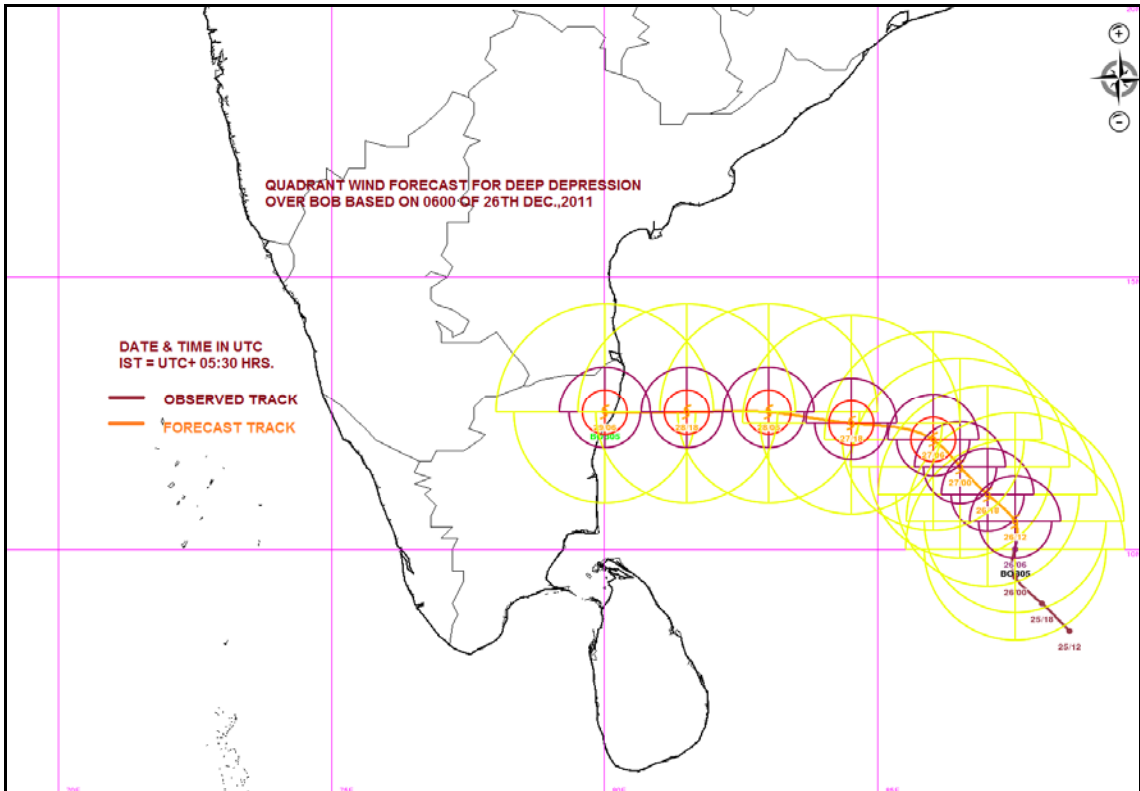
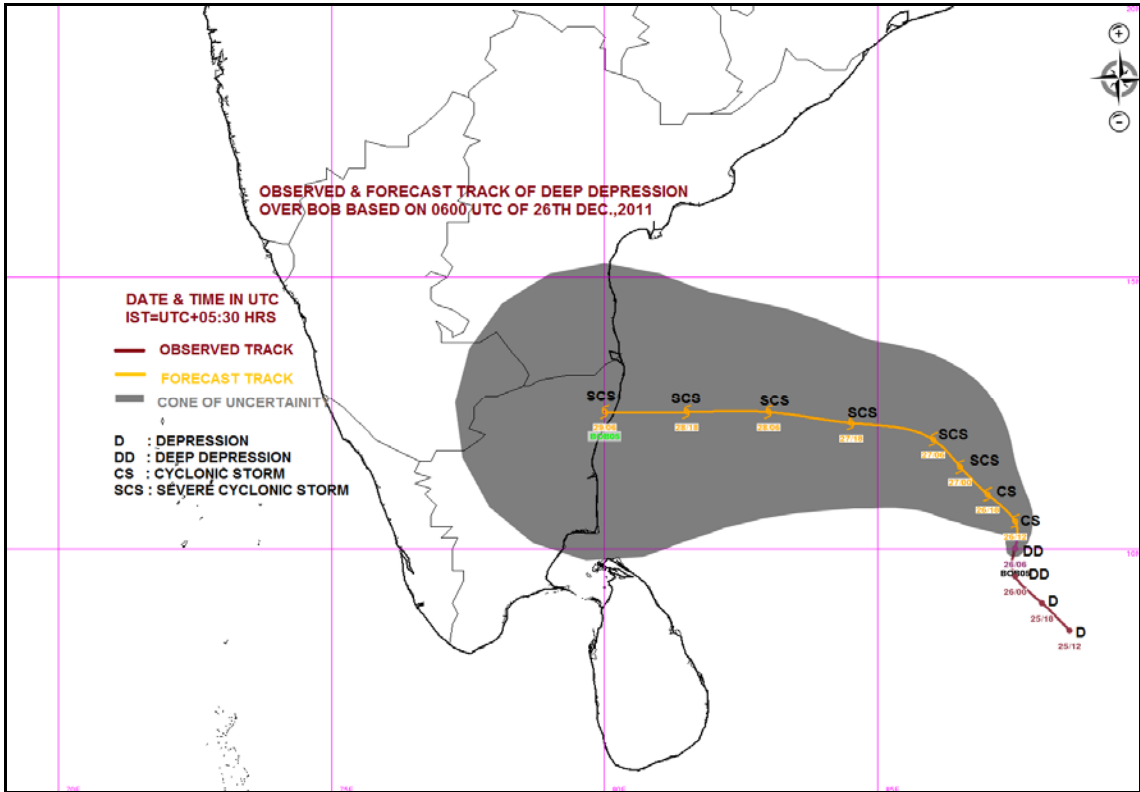
Sea condition will be rough to very rough along and off Andaman & Nicobar Islands during next 24 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 28th December morning onwards

Fishermen along Andaman & Nicobar Islands are advised not to venture into sea during next 24 hours and fishermen along Tamil Nadu, Puducherry & south Andhra Pradesh coast coasts, who are out at sea are advised to return to the coast.

The next bulletin will be issued at 2030 hrs IST of today, the 26th December, 2011

(M.Mohapatra)
Director

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO
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CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/06

Dated: 26.12. 2011

Time of issue:2000 hours IST

Sub : Deep Depression over southeast Bay of Bengal- Pre-cyclone watch.

The deep depression over southeast Bay of Bengal moved further northwards during past 6 hours and lay centred at 1730 hrs IST of today, the 26th December 2011 over southeast Bay of Bengal near latitude 10.5^oN and longitude 87.5^oE, about 800 km east-southeast of Chennai (Tamilnadu), 700 km east-northeast of Trincomalee (Srilanka), 600 km west-southwest of Port Blair (Andaman & Nicobar island). The system is likely to move northwestwards, intensify into a cyclonic storm during next 24 hrs. Then it is likely to move west-northwestwards and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
26-12-2011/1730	10.5/87.5	55-65 gusting to 75	Deep Depression
26-12-2011/2330	11.0/87.5	55-65 gusting to 75	Deep Depression
27-12-2011/0530	11.5/87.0	75-85 gusting to 95	Cyclonic Storm
27-12-2011/1130	12.0/86.5	85-90 gusting to 100	Cyclonic Storm
27-12-2011/1730	12.3/86.3	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/0530	13.0/85.3	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/1730	13.2/84.0	100-110 gusting to 120	Severe Cyclonic Storm
29-12-2011/0530	13.0/82.7	90-100 gusting to 110	Severe Cyclonic Storm
29-12-2011/1730	13.0/81.5	90-100 gusting to 110	Severe Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar Islands during next 24 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh from 28th December 2011 night.

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar Islands during next 24 hours and squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards.

Sea condition will be rough to very rough along and off Andaman & Nicobar Islands during next 24 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 28th December night onwards

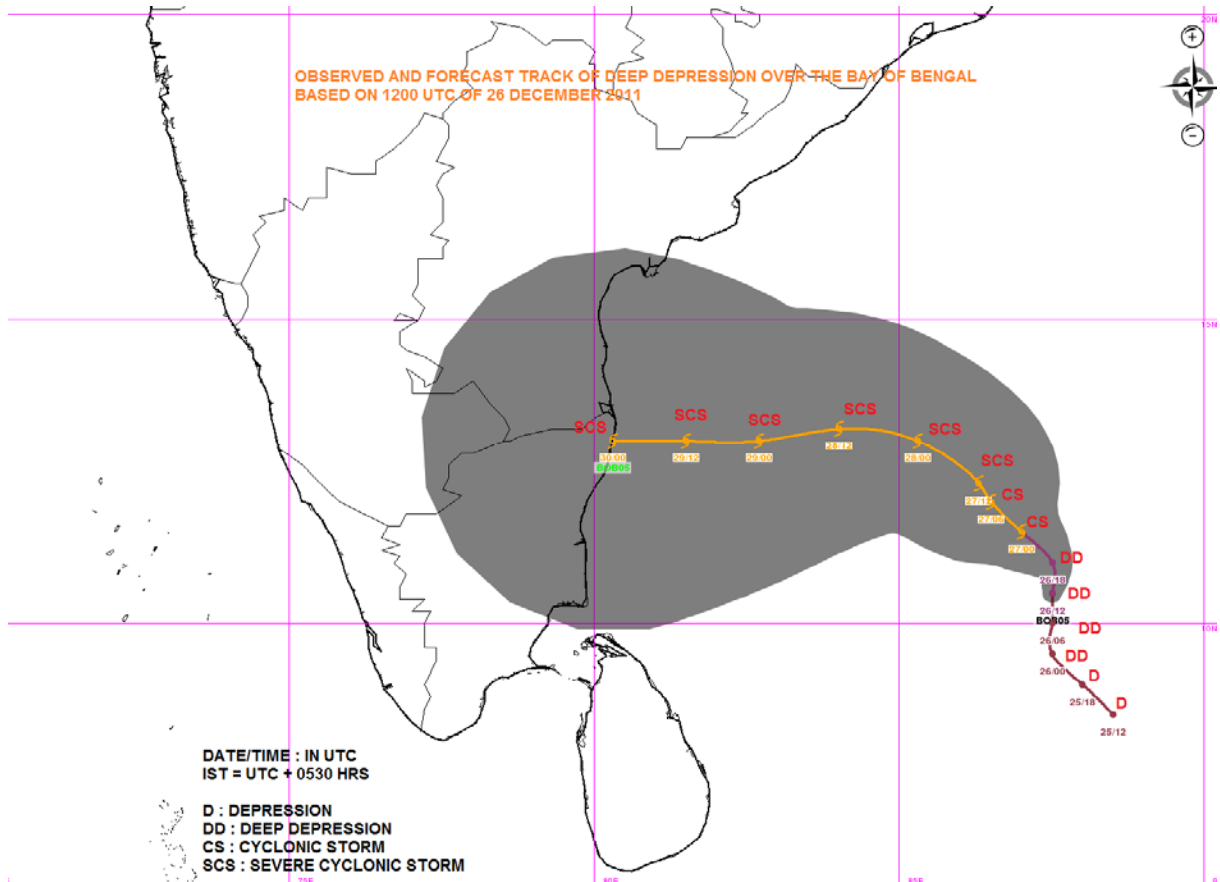
Fishermen along Andaman & Nicobar Islands are advised not to venture into sea during next 24 hours and fishermen along Tamil Nadu, Puducherry & south Andhra Pradesh coast coasts, who are out at sea are advised to return to the coast.

The next bulletin will be issued at 0230 hrs IST of tomorrow, the 27th December, 2011

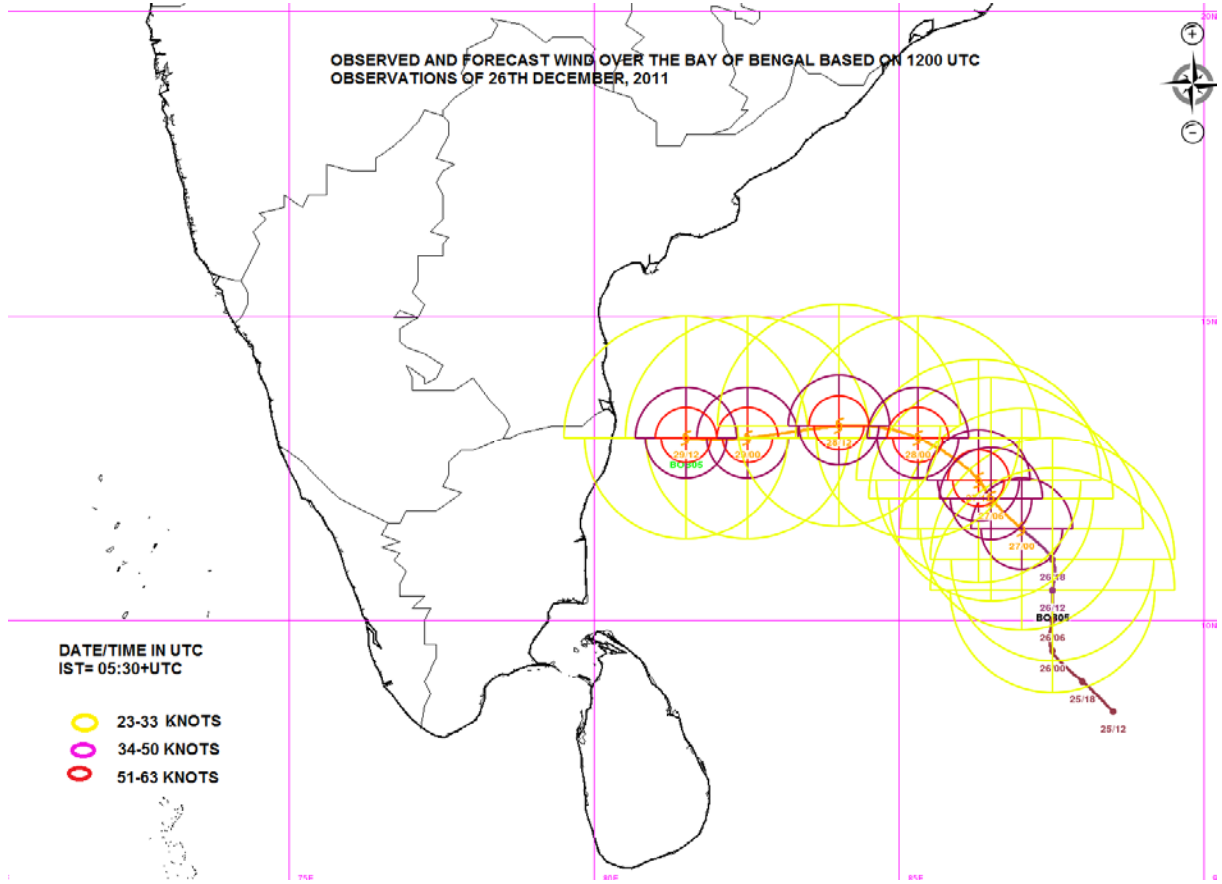
(M.Mohapatra)
Director

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.

OBSERVED AND FORECAST TRACK OF DEEP DEPRESSION OVER THE BAY OF BENGAL
 BASED ON 1200 UTC OF 26 DECEMBER 2011



OBSERVED AND FORECAST WIND OVER THE BAY OF BENGAL BASED ON 1200 UTC
OBSERVATIONS OF 26TH DECEMBER, 2011





भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

FAX MESSAGE

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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

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. 03192-231945/238880)**

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/07

Dated: 27.12. 2011

Time of issue:0200 hours IST

**Sub : Cyclonic Storm 'THANE' over southeast Bay of Bengal:-Cyclone alert for
north Tamilnadu and south Andhra Pradesh coast.**

The deep depression over southeast Bay of Bengal moved further northwards and intensified into cyclonic storm '**THANE**' and lay centred at 2330 hrs IST of yesterday, the 26th December 2011 near latitude 11.0⁰N and longitude 87.5.⁰E, about 800 km east-southeast of Chennai (Tamilnadu), 700 km northeast of Trincomalee (Srilanka) and 550 km west-southwest of Port Blair (Andaman & Nicobar island). The system is likely to move northwestwards, intensify into a severe cyclonic storm during next 24 hrs. Then it is likely to move west-northwestwards and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
26-12-2011/2330	11.0/87.5	65-75 gusting to 85	Cyclonic Storm
27-12-2011/0530	11.5/87.0	75-85 gusting to 95	Cyclonic Storm
27-12-2011/1130	12.0/86.5	85-90 gusting to 100	Cyclonic Storm
27-12-2011/1730	12.5/86.0	90-100 gusting to 110	Severe Cyclonic Storm
27-12-2011/2330	13.0/85.5	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/1130	13.3/84.5	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/2330	13.5/83.0	90-100 gusting to 110	Severe Cyclonic Storm
29-12-2011/1130	13.0/81.5	90-100 gusting to 110	Severe Cyclonic Storm
29-12-2011/2330	13.0/80.5	90-100 gusting to 110	Severe Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar Islands during next 24 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh from 28th December 2011.

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar Islands during next 24 hours and squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards.

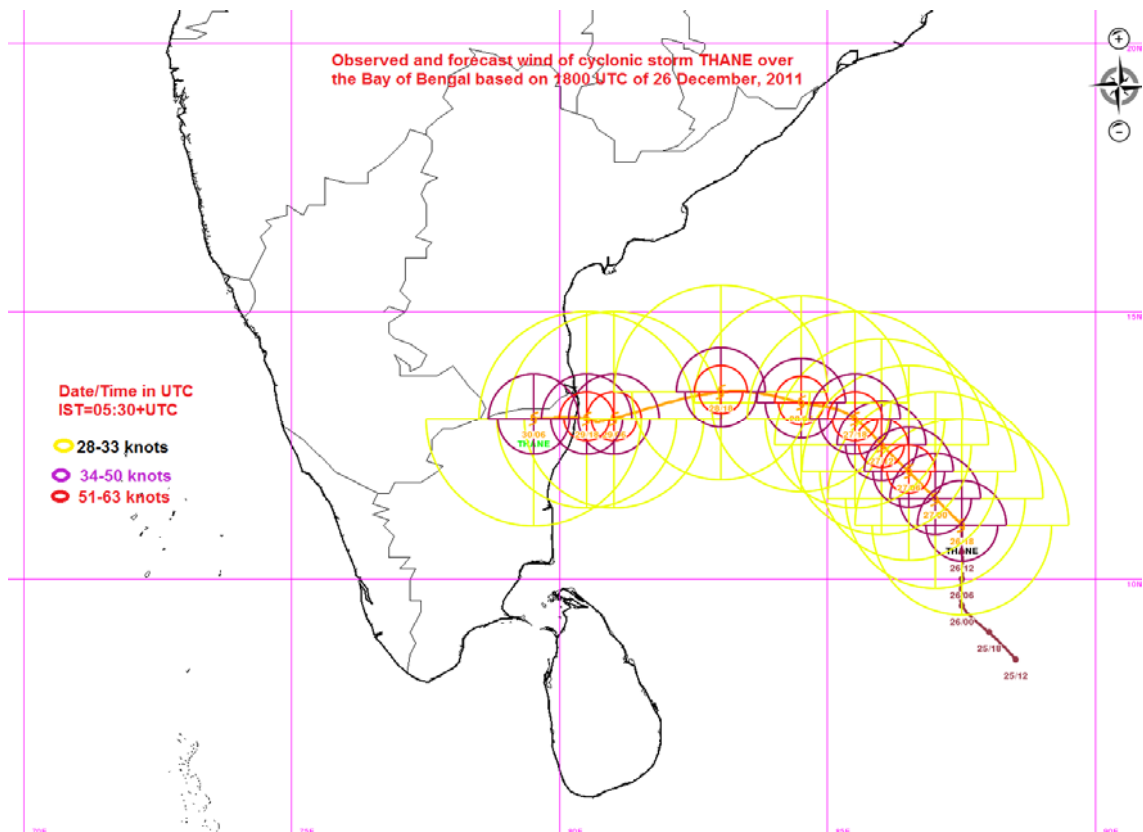
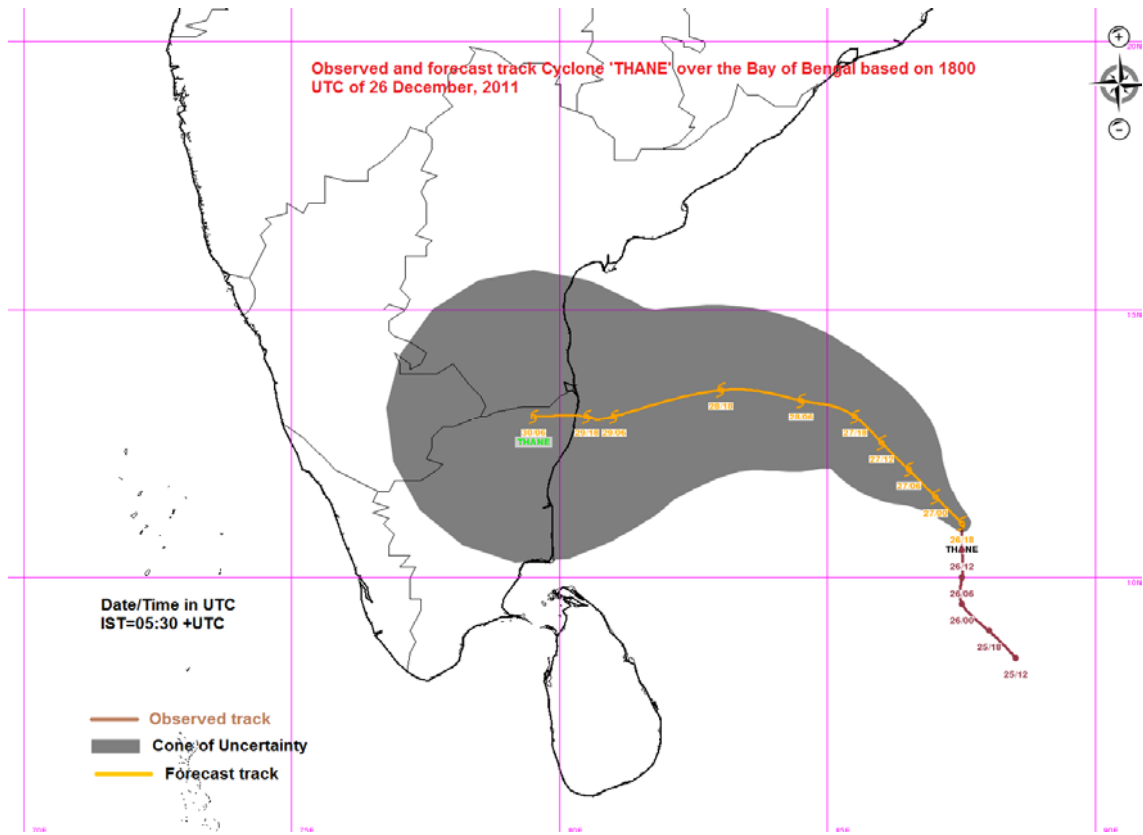
Sea condition will be rough to very rough along and off Andaman & Nicobar Islands during next 24 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 28th December night onwards

Fishermen along Andaman & Nicobar Islands are advised not to venture into sea during next 24 hours and fishermen along Tamil Nadu, Puducherry & south Andhra Pradesh coast coasts, who are out at sea are advised to return to the coast.

The next bulletin will be issued at 0530 hrs IST of today, the 27th December, 2011

(T. N. Jha)
Director

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.





भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

FAX MESSAGE

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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

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. 03192-231945/238880)**

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/08

Dated: 27.12. 2011

Time of issue:0400 hours IST

**Sub : Cyclonic Storm 'THANE' over southeast Bay of Bengal:-Cyclone alert for
north Tamilnadu and south Andhra Pradesh coast.**

The cyclonic storm 'THANE' over southeast Bay of Bengal remained practically stationary and lay centred at 0230 hrs IST of today, the 27th December 2011 near latitude 11.0⁰N and longitude 87.5⁰E, about 800 km east-southeast of Chennai (Tamilnadu), 700 km northeast of Trincomalee (Srilanka) and 550 km west-southwest of Port Blair (Andaman & Nicobar island). The system is likely to move northwestwards, intensify into a severe cyclonic storm during next 24 hrs. Then it is likely to move west-northwestwards and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
26-12-2011/0230	11.0/87.5	65-75 gusting to 85	Cyclonic Storm
27-12-2011/0530	11.5/87.0	75-85 gusting to 95	Cyclonic Storm
27-12-2011/1130	12.0/86.5	85-90 gusting to 100	Cyclonic Storm
27-12-2011/1730	12.5/86.0	90-100 gusting to 110	Severe Cyclonic Storm
27-12-2011/2330	13.0/85.5	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/1130	13.3/84.5	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/2330	13.5/83.0	90-100 gusting to 110	Severe Cyclonic Storm
29-12-2011/1130	13.0/81.5	90-100 gusting to 110	Severe Cyclonic Storm
29-12-2011/2330	13.0/80.5	90-100 gusting to 110	Severe Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar Islands during next 24 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh from 28th December 2011.

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar Islands during next 24 hours and squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards.

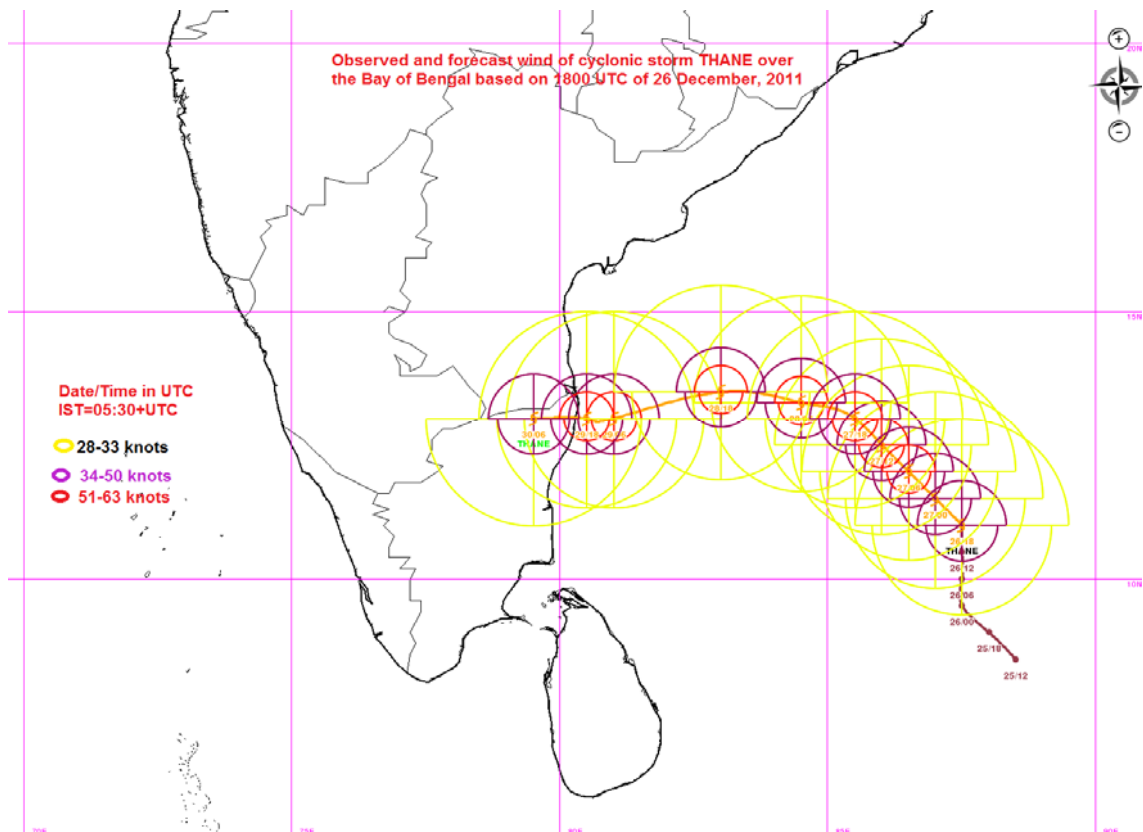
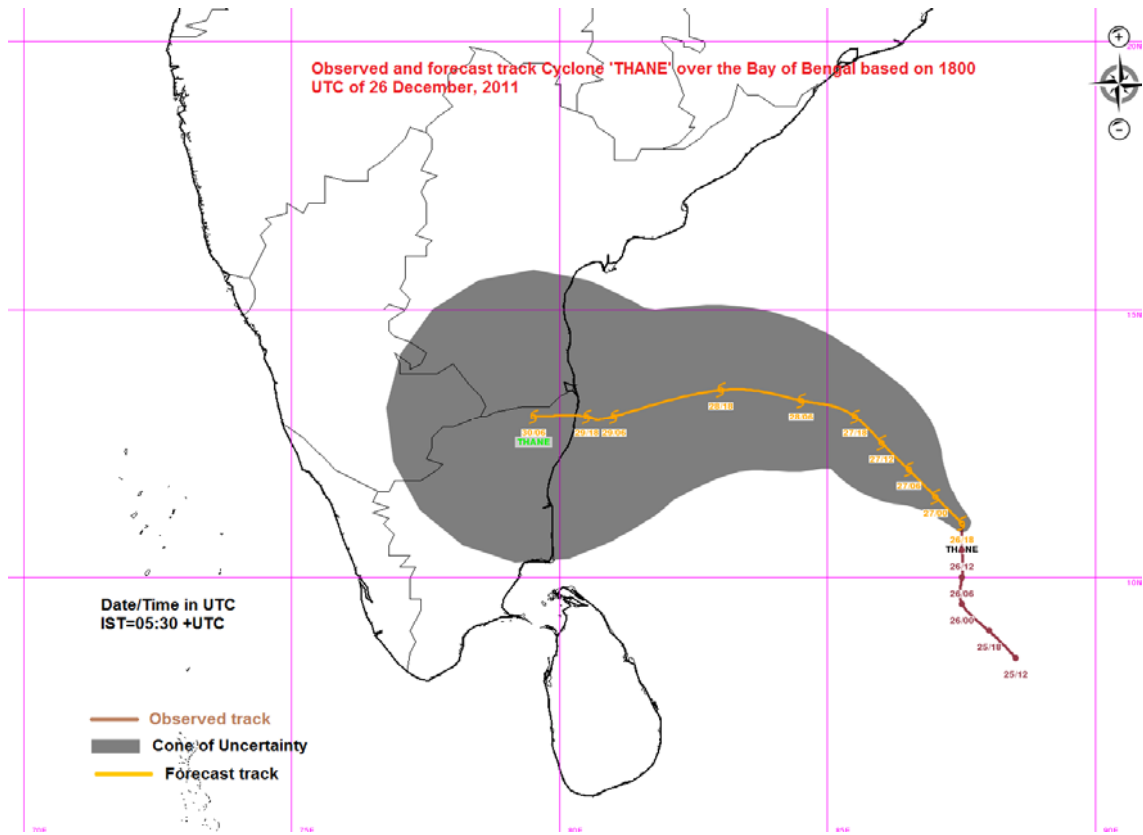
Sea condition will be rough to very rough along and off Andaman & Nicobar Islands during next 24 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 28th December night onwards

Fishermen along Andaman & Nicobar Islands are advised not to venture into sea during next 24 hours and fishermen along Tamil Nadu, Puducherry & south Andhra Pradesh coast coasts, who are out at sea are advised to return to the coast.

The next bulletin will be issued at 0830 hrs IST of today, the 27th December, 2011

(T. N. Jha)
Director

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.





भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

FAX MESSAGE

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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

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. 03192-231945/238880)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/09

Dated: 27.12. 2011

Time of issue:0830 hours IST

**Sub : Cyclonic Storm 'THANE' over southeast Bay of Bengal:-Cyclone alert for
north Tamilnadu and south Andhra Pradesh coast.**

The cyclonic storm 'THANE' over southeast Bay of Bengal moved northwestwards and lay centred at 0530 hrs IST of today, the 27th December 2011 near latitude 11.5^oN and longitude 87.5^oE, about 800 km east-southeast of Chennai (Tamilnadu), 750 km northeast of Trincomalee (Srilanka) and 550 km west-southwest of Port Blair (Andaman & Nicobar island). The system is likely to move west-northwestwards, intensify into a severe cyclonic storm during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
27-12-2011/0530	11.5/87.5	75-85 gusting to 95	Cyclonic Storm
27-12-2011/1130	12.0/87.0	85-90 gusting to 100	Cyclonic Storm
27-12-2011/1730	12.0/86.5	85-90 gusting to 100	Cyclonic Storm
27-12-2011/2330	12.5/86.0	85-90 gusting to 100	Cyclonic Storm
28-12-2011/0530	12.5/85.5	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/1730	12.8/84.0	100-110 gusting to 120	Severe Cyclonic Storm
29-12-2011/0530	13.0/82.5	90-100 gusting to 110	Severe Cyclonic Storm
29-12-2011/1730	13.0/81.5	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/0530	13.0/80.5	65-75 gusting to 85	Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar Islands during next 24 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh from 28th December 2011.

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar Islands during next 24 hours and squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off Andaman & Nicobar Islands during next 24 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 28th December night onwards

Fishermen along Andaman & Nicobar Islands are advised not to venture into sea during next 24 hours and fishermen along Tamil Nadu, Puducherry & south Andhra Pradesh coast coasts, who are out at sea are advised to return to the coast.

The next bulletin will be issued at 1130 hrs IST of today, the 27th December, 2011

(T. N. Jha)
Director

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

FAX MESSAGE

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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
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CHIEF SECRETARY, GOVT. OF PUDUCHERRY (FAX NO. 0413-2337575)

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/10

Dated: 27.12. 2011

Time of issue:1030 hours IST

**Sub : Cyclonic Storm 'THANE' over southeast Bay of Bengal:-Cyclone alert for
north Tamilnadu and south Andhra Pradesh coast.**

The cyclonic storm 'THANE' over southeast Bay of Bengal moved northwestwards and lay centred at 0830 hrs IST of today, the 27th December 2011 near latitude 12.0^oN and longitude 87.0.^oE, about 750 km east-southeast of Chennai (Tamilnadu), 750 km northeast of Trincomalee (Srilanka) and 600 km west-northwest of Port Blair (Andaman & Nicobar island). The system is likely to move west-northwestwards, intensify into a severe cyclonic storm during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
27-12-2011/0830	12.0/87.0	75-85 gusting to 95	Cyclonic Storm
27-12-2011/1130	12.2/86.8	85-90 gusting to 100	Cyclonic Storm
27-12-2011/1730	12.3/86.5	85-90 gusting to 100	Cyclonic Storm
27-12-2011/2330	12.5/86.0	85-90 gusting to 100	Cyclonic Storm
28-12-2011/0530	12.5/85.5	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/1730	12.8/84.0	100-110 gusting to 120	Severe Cyclonic Storm
29-12-2011/0530	13.0/82.5	90-100 gusting to 110	Severe Cyclonic Storm
29-12-2011/1730	13.0/81.5	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/0530	13.0/80.5	90-100 gusting to 110	Severe Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar Islands during next 24 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh from 28th December 2011 night onwards.

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar Islands during next 12 hours and squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off Andaman & Nicobar Islands during next 12 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 28th December night onwards

Fishermen along Andaman & Nicobar Islands are advised not to venture into sea during next 12 hours and fishermen along Tamil Nadu, Puducherry & south Andhra Pradesh coast, who are out at sea are advised to return to the coast.

Damage expected: Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested: Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. people in affected areas to remain indoors.

The next bulletin will be issued at 1430 hrs IST of today, the 27th December, 2011.

(M.Mohapatra)
Sc. 'E'

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

FAX MESSAGE

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To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)

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CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/11

Dated: 27.12. 2011

Time of issue:1330 hours IST

**Sub : Cyclonic Storm 'THANE' over southeast Bay of Bengal:-Cyclone alert for
north Tamilnadu and south Andhra Pradesh coast.**

The cyclonic storm 'THANE' over southeast Bay of Bengal remained practically stationary during past 3 hours and lay centered at 1130 hrs IST of today, the 27th December 2011 near latitude 12.0^oN and longitude 87.0^oE, about 750 km east-southeast of Chennai (Tamilnadu), 750 km northeast of Trincomalee (Srilanka) and 600 km west-northwest of Port Blair (Andaman & Nicobar island). The system is likely to move west-northwestwards, intensify into a severe cyclonic storm during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by morning of 30th December 2011.

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27-12-2011/2330	12.5/86.0	85-95 gusting to 105	Cyclonic Storm
28-12-2011/0530	12.6/85.5	95-105 gusting to 115	Severe Cyclonic Storm
28-12-2011/1130	12.7/85.0	100-110 gusting to 120	Severe Cyclonic Storm
28-12-2011/2330	12.8/83.8	100-110 gusting to 120	Severe Cyclonic Storm
29-12-2011/1130	13.0/82.5	90-100 gusting to 110	Severe Cyclonic Storm
29-12-2011/2330	13.0/81.2	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/1130	13.0/80.0	90-100 gusting to 110	Severe Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar Islands during next 12 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh from 28th December 2011 night onwards.

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar Islands during next 12 hours and squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off Andaman & Nicobar Islands during next 12 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 28th December night onwards

Fishermen along Andaman & Nicobar Islands are advised not to venture into sea during next 12 hours and fishermen along Tamil Nadu, Puducherry & south Andhra Pradesh coast, who are out at sea are advised to return to the coast.

Damage expected: Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

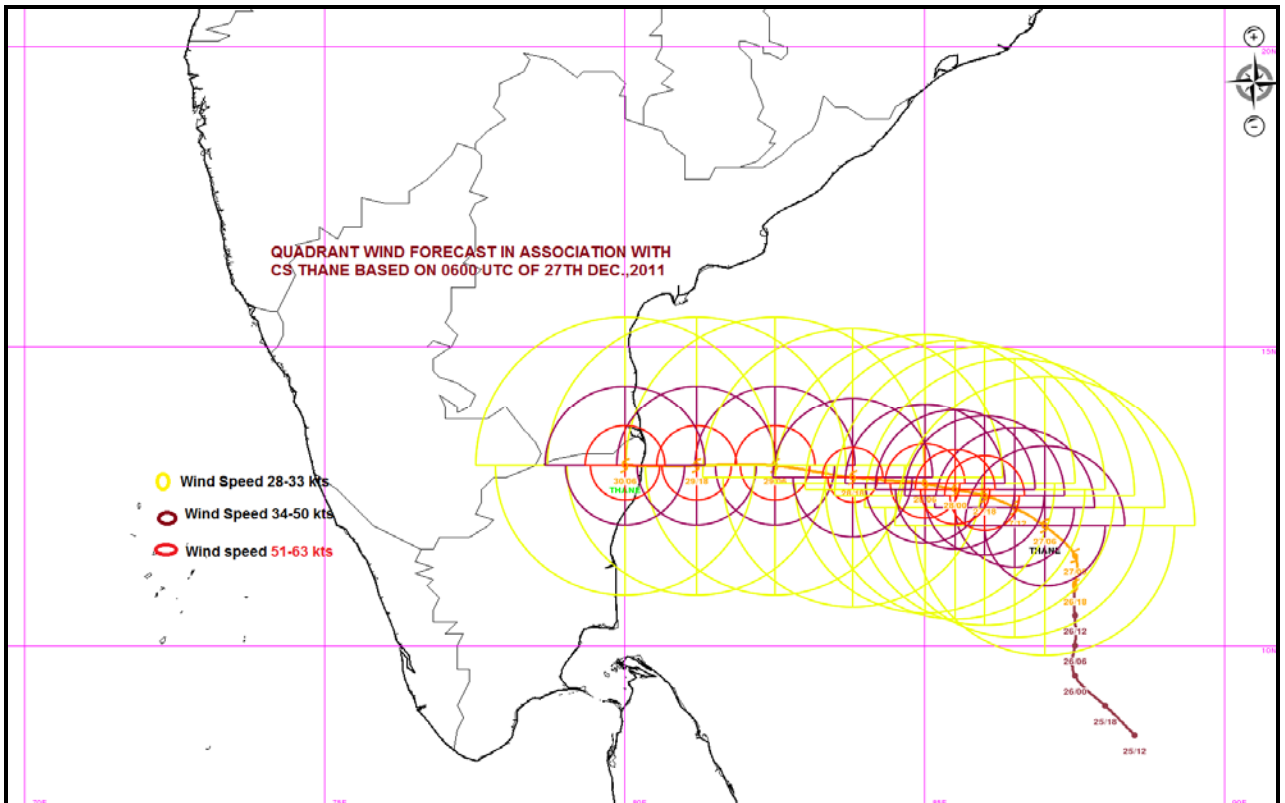
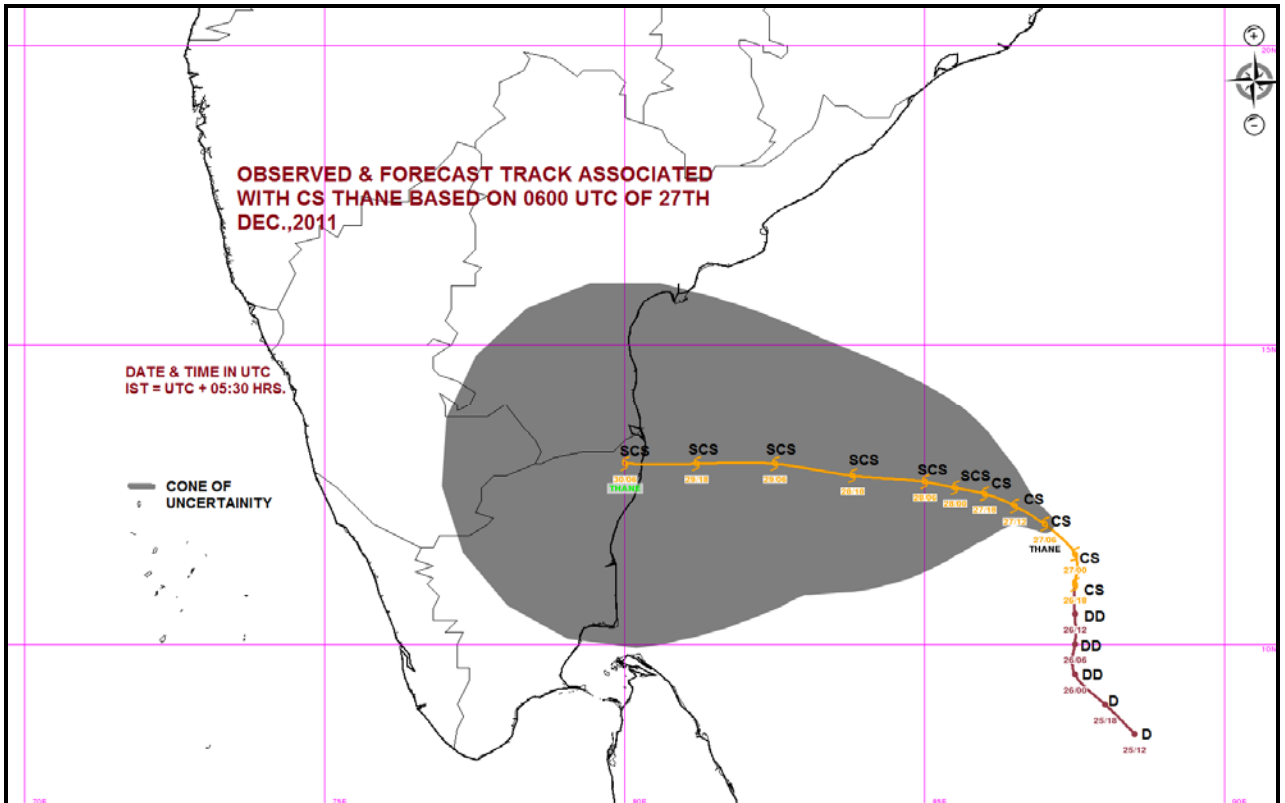
Action suggested: Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. people in affected areas to remain indoors.

The next bulletin will be issued at 1730 hrs IST of today, the 27th December, 2011.

(M.Mohapatra)
Sc. 'E'

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.





भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

FAX MESSAGE

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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

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. 03192-231945/238880)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/12

Dated: 27.12. 2011

Time of issue:1700 hours IST

**Sub : Cyclonic Storm 'THANE' over southeast Bay of Bengal:-Cyclone alert for
north Tamilnadu and south Andhra Pradesh coast.**

The cyclonic storm 'THANE' over southeast Bay of Bengal slightly moved west-northwestwards during past 3 hours and lay centered at 1430 hrs IST of today, the 27th December 2011 near latitude 12.2⁰N and longitude 86.7⁰E, about 700 km east-southeast of Chennai (Tamilnadu), 750 km northeast of Trincomalee (Srilanka) and 650 km west-northwest of Port Blair (Andaman & Nicobar island). The system is likely to move west-northwestwards, intensify into a severe cyclonic storm during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
27-12-2011/1430	12.2/86.7	80-90 gusting to 100	Cyclonic Storm
27-12-2011/1730	12.3/86.5	85-95 gusting to 100	Cyclonic Storm
27-12-2011/2330	12.5/86.0	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/0530	12.6/85.5	95-105 gusting to 120	Severe Cyclonic Storm
28-12-2011/1130	12.7/85.0	100-110 gusting to 125	Severe Cyclonic Storm
28-12-2011/2330	12.8/83.8	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/1130	13.0/82.5	95-105 gusting to 120	Severe Cyclonic Storm
29-12-2011/2330	13.0/81.2	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/1130	13.0/80.0	90-100 gusting to 110	Severe Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over Andaman & Nicobar Islands during next 12 hours. Rainfall at most places with isolated heavy rainfall is likely to commence over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh from 28th December 2011 night onwards.

Squally wind speed of 45-55 kmph is likely to prevail along and off Andaman & Nicobar Islands during next 12 hours and squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off Andaman & Nicobar Islands during next 12 hours and will be rough to very rough from along and off Tamil Nadu and Puducherry coast from 28th December night onwards

Fishermen along Andaman & Nicobar Islands are advised not to venture into sea during next 12 hours and fishermen along Tamil Nadu, Puducherry & south Andhra Pradesh coast, who are out at sea are advised to return to the coast.

Damage expected: Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested: Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. people in affected areas to remain indoors.

The next bulletin will be issued at 2030 hrs IST of today, the 27th December, 2011.

(M.Mohapatra)
Sc. 'E'

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

FAX MESSAGE

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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

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. 03192-231945/238880)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/13

Dated: 27.12. 2011

Time of issue:1900 hours IST

Sub : Cyclonic Storm 'THANE' over southeast and adjoining southwest Bay of Bengal:-Cyclone alert for north Tamilnadu and south Andhra Pradesh coast : Yellow Message

The cyclonic storm '**THANE**' over southeast Bay of Bengal moved northwestwards and lay centered at 1730 hrs IST of today, the 27th December 2011 near latitude 12.5⁰N and longitude 86.5⁰E, about 650 km east-southeast of Chennai (Tamilnadu), 700 km northeast of Trincomalee (Srilanka) and 670 km west-northwest of Port Blair (Andaman & Nicobar island). The system is likely to move west-northwestwards, intensify into a severe cyclonic storm during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore by morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
27-12-2011/1730	12.5/86.5	80-90 gusting to 100	Cyclonic Storm
27-12-2011/2330	12.7/86.0	85-95 gusting to 100	Severe Cyclonic Storm
28-12-2011/0530	12.9/85.5	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/1130	13.1/85.0	95-105 gusting to 120	Severe Cyclonic Storm
28-12-2011/1730	13.3/84.5	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/0530	13.3/83.2	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/1730	13.3/81.9	95-105 gusting to 120	Severe Cyclonic Storm
30-12-2011/0530	13.2/80.6	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/1730	13.1/79.3	90-100 gusting to 110	Severe Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh from 28th December 2011 night onwards.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected over north coastal Tamil Nadu and south coastal Andhra Pradesh: Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested over north coastal Tamil Nadu and south coastal Andhra Pradesh: Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. people in affected areas to remain indoors.

No adverse weather is likely over Andaman and Nicobar Islands due to this system. Hence, this is the last bulletin for Andaman and Nicobar Islands

The next bulletin will be issued at 2330 hrs IST of today, the 27th December, 2011.

(M.Mohapatra)

Sc. 'E'

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

FAX MESSAGE

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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

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. 03192-231945/238880)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/14

Dated: 27.12. 2011

Time of issue:2245 hours IST

Sub : Cyclonic Storm 'THANE' over southeast and adjoining southwest Bay of Bengal:-Cyclone alert for north Tamilnadu and south Andhra Pradesh coast : Yellow Message

The cyclonic storm '**THANE**' over southeast Bay of Bengal remained practically stationary and lay centered at 2030 hrs IST of today, the 27th December 2011 near latitude 12.5^oN and longitude 86.5^oE, about 650 km east-southeast of Chennai (Tamilnadu), 700 km northeast of Trincomalee (Srilanka) and 670 km west-northwest of Port Blair (Andaman & Nicobar island). The system is likely to move west-northwestwards, intensify into a severe cyclonic storm during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore around morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
27-12-2011/2030	12.5/86.5	80-90 gusting to 100	Cyclonic Storm
28-12-2011/0230	12.7/86.0	85-95 gusting to 100	Severe Cyclonic Storm
28-12-2011/0830	12.9/85.5	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/1430	13.1/85.0	95-105 gusting to 120	Severe Cyclonic Storm
28-12-2011/2030	13.3/84.5	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/0830	13.3/83.2	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/2030	13.3/81.9	95-105 gusting to 120	Severe Cyclonic Storm
30-12-2011/0830	13.2/80.6	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/2030	13.1/79.3	80-90 gusting to 100	Cyclonic Storm

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over coastal north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from 28th December 2011 night onwards.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from 28th December night onwards

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected from 28th December night onwards (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 0230 hrs IST of the 28th December, 2011.

(Charan Singh)
Director

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

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. 03192-231945/238880)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/15

Dated: 28.12. 2011

Time of issue:0100 hours IST

**Sub : Cyclonic Storm 'THANE' over southwest and adjoining southeast Bay of
Bengal:-Cyclone alert for north Tamilnadu and south Andhra Pradesh
coast : Yellow Message**

The cyclonic storm '**THANE**' over southeast Bay of Bengal moved westward and lay centered at 2330 hrs IST of today, the 27th December 2011 over southwest and adjoining southeast Bay of Bengal near latitude 12.5⁰N and longitude 86.0⁰E, about 600 km east-southeast of Chennai (Tamilnadu), 650 km northeast of Trincomalee (Srilanka) and 700 km west-northwest of Port Blair (Andaman & Nicobar island). The system is likely to move west-northwestwards, intensify into a severe cyclonic storm during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore around morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
27-12-2011/2330	12.5/86.0	80-90 gusting to 100	Cyclonic Storm
28-12-2011/0530	12.7/85.5	85-95 gusting to 100	Severe Cyclonic Storm
28-12-2011/1130	12.9/85.0	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/1730	13.1/84.5	95-105 gusting to 120	Severe Cyclonic Storm
28-12-2011/2330	13.3/84.0	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/1130	13.3/83.0	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/2330	13.3/81.5	95-105 gusting to 120	Severe Cyclonic Storm
30-12-2011/1130	13.2/79.5	80-90 gusting to 100	Cyclonic Storm
30-12-2011/2330	13.0/78.5	45-55 gusting to 65	Deep Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over coastal north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from tomorrow morning the 29th December 2011 onwards.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow morning the 29th December 2011 onwards.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow morning the 29th December 2011 onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected from tomorrow morning the 29th December 2011 onwards(over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 0530 hrs IST of today the 28th December, 2011.

(Charan Singh)
Director

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
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**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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

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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

**CHIEF SECRETARY, GOVT. OF ANDAMAN & NICOBAR ISLAND
(FAX NO. 03192-231945/238880)**

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/16

Dated: 28.12. 2011

Time of issue:0500 hours IST

**Sub : Cyclonic Storm 'THANE' over southwest and adjoining southeast Bay of
Bengal:-Cyclone alert for north Tamilnadu and south Andhra Pradesh
coast : Yellow Message**

The cyclonic storm '**THANE**' over southwest and adjoining southeast Bay of Bengal remained practically stationary and lay centered at 0230 hrs IST of today, the 28th December 2011 near latitude 12.5^oN and longitude 86.0^oE, about 600 km east-southeast of Chennai (Tamilnadu), 650 km northeast of Trincomalee (Srilanka) and 700 km west-northwest of Port Blair (Andaman & Nicobar island). The system is likely to move west-northwestwards, intensify into a severe cyclonic storm during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coast between Cuddalore and Nellore around morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
28-12-2011/0230	12.5/86.0	80-90 gusting to 100	Cyclonic Storm
28-12-2011/0530	12.7/85.5	85-95 gusting to 100	Severe Cyclonic Storm
28-12-2011/1130	12.9/85.0	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/1730	13.1/84.5	95-105 gusting to 120	Severe Cyclonic Storm
28-12-2011/2330	13.3/84.0	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/1130	13.3/83.0	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/2330	13.3/81.5	95-105 gusting to 120	Severe Cyclonic Storm
30-12-2011/1130	13.2/79.5	80-90 gusting to 100	Cyclonic Storm
30-12-2011/2330	13.0/78.5	45-55 gusting to 65	Deep Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from tomorrow morning the 29th December 2011 onwards.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow morning the 29th December 2011 onwards.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected from tomorrow morning the 29th December 2011 onwards(over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 0830 hrs IST of today the 28th December, 2011.

(Charan Singh)
Director

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
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H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)

DIRECTOR GENERAL, DOORDARSHAN (23385843)

DIRECTOR GENERAL, AIR (25843825)

PIB (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

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. 03192-231945/238880)**

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/17

Dated: 28.12. 2011

Time of issue:0730 hours IST

**Sub : Cyclonic Storm 'THANE' over southwest and adjoining southeast Bay of
Bengal:-Cyclone alert for north Tamilnadu and south Andhra Pradesh
coast : Yellow Message**

The cyclonic storm '**THANE**' over southwest and adjoining southeast Bay of Bengal remained practically stationary and lay centered at 0530 hrs IST of today, the 28th December 2011 near latitude 12.5^oN and longitude 86.0^oE, about 600 km east-southeast of Chennai (Tamilnadu), 650 km northeast of Trincomalee (Srilanka) and 700 km west-northwest of Port Blair (Andaman & Nicobar Island). The system is likely to move west-northwestwards slowly, intensify into a severe cyclonic storm during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coasts between Cuddalore and Nellore around morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
28-12-2011/0530	12.5/86.0	80-90 gusting to 100	Cyclonic Storm
28-12-2011/1130	12.7/85.5	85-95 gusting to 100	Severe Cyclonic Storm
28-12-2011/1730	12.9/85.0	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/2330	13.1/84.5	95-105 gusting to 120	Severe Cyclonic Storm
29-12-2011/0530	13.3/84.0	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/1730	13.3/83.0	100-110 gusting to 125	Severe Cyclonic Storm
30-12-2011/0530	13.3/81.5	95-105 gusting to 120	Severe Cyclonic Storm
30-12-2011/1730	13.2/79.5	80-90 gusting to 100	Cyclonic Storm
31-12-2011/0530	13.0/78.5	45-55 gusting to 65	Deep Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from tomorrow the 29th December 2011 onwards.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow morning the 29th December 2011 onwards.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected from tomorrow the 29th December 2011 onwards(over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 1130 hrs IST of today the 28th December, 2011.

(Charan Singh)
Director

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC
Visakhapatnam/Bhubaneswar/Command MO Mumbai (022-22630084)
/Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/18

Dated: 28.12. 2011

Time of issue:1130 hours IST

**Sub : Cyclonic Storm 'THANE' over southwest and adjoining southeast Bay of
Bengal:-Cyclone Warning for north Tamilnadu and south Andhra
Pradesh coast : Orange Message**

The cyclonic storm '**THANE**' over southwest and adjoining southeast Bay of Bengal moved westwards and lay centered at 0830 hrs IST of today, the 28th December 2011 near latitude 12.5⁰N and longitude 85.5⁰E, about 550 km east-southeast of Chennai (Tamilnadu), 600 km northeast of Trincomalee (Srilanka) and 750 km west-northwest of Port Blair (Andaman & Nicobar Island). The system is likely to move west-northwestwards, intensify further during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coasts between Cuddalore and Nellore, close to south of Chennai around morning of 30th December 2011. However, as the cyclonic storm will come further close to coast after 24 hours, there is probability of slight weakening before landfall.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
28-12-2011/0830	12.5/85.5	80-90 gusting to 100	Cyclonic Storm
28-12-2011/1130	12.5/85.0	80-90 gusting to 100	Cyclonic Storm
28-12-2011/1730	12.7/84.3	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/2330	12.7/83.7	95-105 gusting to 120	Severe Cyclonic Storm
29-12-2011/0530	12.8/83.1	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/1730	12.8/81.7	100-110 gusting to 125	Severe Cyclonic Storm
30-12-2011/0530	12.7/80.3	95-105 gusting to 120	Severe Cyclonic Storm
30-12-2011/1730	12.7/78.9	80-90 gusting to 100	Cyclonic Storm
31-12-2011/0530	12.5/77.5	45-55 gusting to 65	Deep Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from tomorrow the 29th December 2011 onwards. The intensity of rainfall would increase with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) from 29th evening onwards and extend to Rayalseema and north interior Tamil Nadu.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow morning the 29th December 2011 onwards. The wind speed will increase gradually from 29th night onwards becoming 95-105 kmph gusting to 120 kmph along and off north Tamilnadu and south Andhra Pradesh coast at the time of landfall.

Storm surge of about 1 meter height above the astronomical tide would inundate the low lying areas of Nellore district of south coastal Andhra Pradesh and Chennai, Tiruvallur, Kanchipuram and Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow onwards becoming high to very high from 29th night onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 1430 hrs IST of today the 28th December, 2011.

(M.Mohapatra)
Scientist-E
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/19

Dated: 28.12. 2011

Time of issue:1330 hours IST

Sub : Cyclonic Storm 'THANE' over southwest and adjoining southeast Bay of Bengal:-Cyclone Warning for north Tamilnadu and south Andhra Pradesh coast : Orange Message

The cyclonic storm '**THANE**' over southwest and adjoining southeast Bay of Bengal moved westwards and lay centered at 1130 hrs IST of today, the 28th December 2011 near latitude 12.5⁰N and longitude 85.0⁰E, about 500 km east-southeast of Chennai (Tamilnadu), 600 km northeast of Trincomalee (Srilanka) and 800 km west-northwest of Port Blair (Andaman & Nicobar Island). The system is likely to move west-northwestwards, intensify further during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coasts between Cuddalore and Nellore, close to south of Chennai around morning of 30th December 2011. However, as the cyclonic storm will come further close to coast after 24 hours, there is probability of slight weakening before landfall.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
28-12-2011/1130	12.5/85.0	80-90 gusting to 100	Cyclonic Storm
28-12-2011/1730	12.5/84.3	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/2330	12.7/83.7	95-105 gusting to 120	Severe Cyclonic Storm
29-12-2011/0530	12.8/83.1	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/1130	12.8/82.5	100-110 gusting to 125	Severe Cyclonic Storm
29-12-2011/2330	12.8/81.3	95-105 gusting to 120	Severe Cyclonic Storm
30-12-2011/1130	12.7/79.9	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/2330	12.7/78.5	70-80 gusting to 90	Cyclonic Storm
31-12-2011/1130	12.5/77.0	45-55 gusting to 65	Deep Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from tomorrow the 29th December 2011 onwards. The intensity of rainfall would increase with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) from 29th evening onwards and extend to Rayalseema and north interior Tamil Nadu.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow morning the 29th December 2011 onwards. The wind speed will increase gradually from 29th night onwards becoming 95-105 kmph gusting to 120 kmph along and off north Tamilnadu and south Andhra Pradesh coast at the time of landfall.

Storm surge of about 1 meter height above the astronomical tide would inundate the low lying areas of Nellore district of south coastal Andhra Pradesh and Chennai, Tiruvallur, Kanchipuram and Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow onwards becoming high to very high from 29th night onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 1730 hrs IST of today the 28th December, 2011.

(M.Mohapatra)
Scientist-E
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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

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

DIRECTOR GENERAL, DOORDARSHAN (23385843)

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CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/20

Dated: 28.12. 2011

Time of issue:1700 hours IST

**Sub : Severe Cyclonic Storm 'THANE' over southwest and adjoining southeast
Bay of Bengal:-Cyclone Warning for north Tamilnadu and south Andhra
Pradesh coast : Orange Message**

The cyclonic storm '**THANE**' over southwest and adjoining southeast Bay of Bengal remained practically stationary, intensified into a severe cyclonic storm and lay centered at 1430 hrs IST of today, the 28th December 2011 near latitude 12.5⁰N and longitude 85.0⁰E, about 500 km east-southeast of Chennai (Tamilnadu), 600 km northeast of Trincomalee (Srilanka) and 800 km west-northwest of Port Blair (Andaman & Nicobar Island). The system is likely to move west-northwestwards, intensify further during next 24 hrs and cross north Tamil Nadu and south Andhra Pradesh coasts between Cuddalore and Sriharikota, close to south of Chennai around morning of 30th December 2011. However, as the cyclonic storm will come further close to coast after 24 hours, there is probability of slight weakening before landfall.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
28-12-2011/1430	12.5/85.0	90-100 gusting to 110	Severe Cyclonic Storm
28-12-2011/1730	12.5/84.3	100-110 gusting to 125	Severe Cyclonic Storm
28-12-2011/2330	12.5/83.6	110-120 gusting to 135	Severe Cyclonic Storm
29-12-2011/0530	12.5/82.9	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/1130	12.5/82.2	110-120 gusting to 135	Severe Cyclonic Storm
29-12-2011/2330	12.5/80.4	100-110 gusting to 125	Severe Cyclonic Storm
30-12-2011/1130	12.7/79.5	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/2330	12.7/78.1	65-75 gusting to 85	Cyclonic Storm
31-12-2011/1130	12.5/76.7	45-55 gusting to 65	Deep Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from tomorrow the 29th December 2011 onwards. The intensity of rainfall would increase with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) from 29th evening onwards and extend to Rayalseema and north interior Tamil Nadu.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow morning the 29th December 2011 onwards. The wind speed will increase gradually from 29th night onwards becoming 100-110 kmph gusting to 125 kmph along and off north Tamilnadu and south Andhra Pradesh coast at the time of landfall.

Storm surge of about 1 meter height above the astronomical tide would inundate the low lying areas of Nellore district of south coastal Andhra Pradesh and Chennai, Tiruvallur, Kanchipuram and Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow onwards becoming high to very high from 29th night onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 2030 hrs IST of today the 28th December, 2011.

(M.Mohapatra)
Scientist-E
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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

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

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/21

Dated: 28.12. 2011

Time of issue:1930 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone Warning for north Tamilnadu and south Andhra Pradesh coast :
Orange Message**

The severe cyclonic storm '**THANE**' over southwest Bay of Bengal moved further westward, intensified into a very severe cyclonic storm and lay centered at 1730 hrs IST of today, the 28th December 2011 near latitude 12.5⁰N and longitude 84.5⁰E, about 450 km east-southeast of Chennai (Tamilnadu), 550 km northeast of Trincomalee (Srilanka) and 900 km west-northwest of Port Blair (Andaman & Nicobar Island). The system is likely to move west-westwards, intensify further during next 12 hrs and cross north Tamil Nadu coast between Nagapattinam and Chennai, close to Puducherry around morning of 30th December 2011. However, as the cyclonic storm will come further close to coast after 24 hours, there is probability of slight weakening before landfall.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
28-12-2011/1730	12.5/84.5	120-130 gusting to 145	VerySevere Cyclonic Storm
28-12-2011/2330	12.5/83.8	130-140 gusting to 155	VerySevere Cyclonic Storm
29-12-2011/0530	12.5/83.1	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/1130	12.5/82.4	120-130 gusting to 145	VerySevere Cyclonic Storm
29-12-2011/1730	12.5/81.7	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/0530	12.5/80.3	100-110 gusting to 125	Severe Cyclonic Storm
30-12-2011/1730	12.5/78.9	65-75 gusting to 85	Cyclonic Storm
31-12-2011/0530	12.5/77.5	55-65 gusting to 75	Deep Depression
31-12-2011/1130	12.5/76.1	45-55 gusting to 65	Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from tomorrow the 29th December 2011 onwards. The intensity of rainfall would increase with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) from 29th evening onwards and extend to Rayalseema and north interior Tamil Nadu.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow morning the 29th December 2011 onwards. The wind speed will increase gradually from 29th night onwards becoming 100-110 kmph gusting to 125 kmph along and off north Tamilnadu and south Andhra Pradesh coast at the time of landfall.

Storm surge of about 1 meter height above the astronomical tide would inundate the low lying areas of Nellore district of south coastal Andhra Pradesh and Chennai, Tiruvallur, Kanchipuram and Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow onwards becoming high to very high from 29th night onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 2330 hrs IST of today the 28th December, 2011.

(M.Mohapatra)
Scientist-E
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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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SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/22

Dated: 28.12. 2011

Time of issue:2230 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone Warning for north Tamilnadu and south Andhra Pradesh coast :
Orange Message**

The very severe cyclonic storm '**THANE**' over southwest Bay of Bengal moved further westward and lay centered at 2030 hrs IST of today, the 28th December 2011 near latitude 12.5⁰N and longitude 84.0⁰E, about 400 km east-southeast of Chennai (Tamilnadu), 520 km northeast of Trincomalee (Sri Lanka) and 950 km west-northwest of Port Blair (Andaman & Nicobar Islands). The system is likely to move westwards, intensify further during next 12 hrs and cross north Tamil Nadu coast between Nagapattinam and Chennai, close to Puducherry around morning of 30th December 2011. However, as the cyclonic storm will come further close to coast after 24 hours, there is probability of slight weakening before landfall.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
28-12-2011/2030	12.5/84.0	120-130 gusting to 145	Very Severe Cyclonic Storm
28-12-2011/2330	12.5/83.7	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/0530	12.5/83.1	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/1130	12.5/82.4	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/1730	12.5/81.7	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/0530	12.5/80.3	100-110 gusting to 125	Severe Cyclonic Storm
30-12-2011/1730	12.5/78.9	65-75 gusting to 85	Cyclonic Storm
31-12-2011/0530	12.5/77.5	55-65 gusting to 75	Deep Depression
31-12-2011/1130	12.5/76.1	45-55 gusting to 65	Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from tomorrow the 29th December 2011 onwards. The intensity of rainfall would increase with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) from 29th evening onwards and extend to Rayalseema and north interior Tamil Nadu.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow morning the 29th December 2011 onwards. The wind speed will increase gradually from 29th night onwards becoming 100-110 kmph gusting to 125 kmph along and off north Tamilnadu and south Andhra Pradesh coast at the time of landfall.

Storm surge of about 1 meter height above the astronomical tide would inundate the low lying areas of Nellore district of south coastal Andhra Pradesh and Chennai, Tiruvallur, Kanchipuram and Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow onwards becoming high to very high from 29th night onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 0230 hrs IST of tomorrow the 29th December, 2011.

(Naresh Kumar)
Meteorologist
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/23

Dated: 29.12. 2011

Time of issue:0230 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone Warning for north Tamilnadu and south Andhra Pradesh coast :
Orange Message**

The very severe cyclonic storm '**THANE**' over southwest Bay of Bengal remained practically stationary and lay centered at 2330 hrs IST of yesterday, the 28th December 2011 near latitude 12.5⁰N and longitude 84.0⁰E, about 400 km east-southeast of Chennai (Tamilnadu), 520 km northeast of Trincomalee (Sri Lanka) and 950 km west-northwest of Port Blair (Andaman & Nicobar Islands). The system is likely to move westwards and cross north Tamil Nadu coast between Nagapattinam and Chennai, close to Puducherry around morning of 30th December 2011. However, as the cyclonic storm will come further close to coast after 24 hours, there is probability of slight weakening before landfall.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
28-12-2011/2330	12.5/84.0	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/0530	12.5/83.2	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/1130	12.5/82.4	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/1730	12.5/81.7	110-120 gusting to 135	Severe Cyclonic Storm
29-12-2011/2330	12.5/81.0	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/0530	12.5/80.3	100-110 gusting to 125	Severe Cyclonic Storm
30-12-2011/1730	12.5/78.9	65-75 gusting to 85	Cyclonic Storm
31-12-2011/0530	12.5/77.5	55-65 gusting to 75	Deep Depression
31-12-2011/1730	12.5/76.1	45-55 gusting to 65	Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from today, the 29th December 2011 onwards. The intensity of rainfall would increase with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) from today evening onwards and extend to Rayalseema and north interior Tamil Nadu.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from today morning, the 29th December 2011 onwards. The wind speed will increase gradually from today night onwards becoming 100-110 kmph gusting to 125 kmph along and off north Tamilnadu and south Andhra Pradesh coast at the time of landfall.

Storm surge of about 1 meter height above the astronomical tide would inundate the low lying areas of Nellore district of south coastal Andhra Pradesh and Chennai, Tiruvallur, Kanchipuram and Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow onwards becoming high to very high from 29th night onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 0530 hrs IST of today the 29th December, 2011.

(Naresh Kumar)
Meteorologist
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/24

Dated: 29.12. 2011

Time of issue:0430 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone Warning for north Tamilnadu and south Andhra Pradesh coast :
Orange Message**

The very severe cyclonic storm '**THANE**' over southwest Bay of Bengal moved westward and lay centered at 0230 hrs IST of today, the 29th December 2011 near latitude 12.5⁰N and longitude 83.5⁰E, about 350 km east-southeast of Chennai (Tamilnadu) and 500 km north-northeast of Trincomalee (Sri Lanka). The system is likely to move westwards and cross north Tamil Nadu coast between Nagapattinam and Chennai, close to Puducherry around morning of 30th December 2011. However, as the cyclonic storm will come further close to coast after 24 hours, there is probability of slight weakening before landfall.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
29-12-2011/0230	12.5/83.5	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/0530	12.5/83.1	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/1130	12.5/82.4	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/1730	12.5/81.7	110-120 gusting to 135	Severe Cyclonic Storm
29-12-2011/2330	12.5/81.0	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/0530	12.5/80.3	100-110 gusting to 125	Severe Cyclonic Storm
30-12-2011/1730	12.5/78.9	65-75 gusting to 85	Cyclonic Storm
31-12-2011/0530	12.5/77.5	55-65 gusting to 75	Deep Depression
31-12-2011/1730	12.5/76.1	45-55 gusting to 65	Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely to commence over north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from today, the 29th December 2011 onwards. The intensity of rainfall would increase with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) from today evening onwards and extend to Rayalseema and north interior Tamil Nadu.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from today morning, the 29th December 2011 onwards. The wind speed will increase gradually from today night onwards becoming 100-110 kmph gusting to 125 kmph along and off north Tamilnadu and south Andhra Pradesh coast at the time of landfall.

Storm surge of about 1 meter height above the astronomical tide would inundate the low lying areas of Nellore district of south coastal Andhra Pradesh and Chennai, Tiruvallur, Kanchipuram and Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition will be high to very high around the system centre. Sea condition will be rough to very rough along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from tomorrow onwards becoming high to very high from 29th night onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 0830 hrs IST of today the 29th December, 2011.

(Naresh Kumar)
Meteorologist
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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 (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/25

Dated: 29.12. 2011

Time of issue:0730 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone Warning for north Tamilnadu and south Andhra Pradesh coast :
Orange Message**

The very severe cyclonic storm '**THANE**' over southwest Bay of Bengal moved west-southwestward and lay centered at 0530 hrs IST of today, the 29th December 2011 near latitude 12.3⁰N and longitude 83.0⁰E, about 300 km east-southeast of Chennai (Tamilnadu) and 480 km north-northeast of Trincomalee (Sri Lanka). The system is likely to move westwards and cross north Tamil Nadu coast between Nagapattinam and Chennai, close to Puducherry around morning of 30th December 2011. However, as the cyclonic storm will come further close to coast, there is probability of slight weakening before landfall.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
29-12-2011/0530	12.3/83.0	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/1130	12.0/82.3	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/1730	12.0/81.5	110-120 gusting to 135	Severe Cyclonic Storm
29-12-2011/2330	12.0/80.7	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/0530	12.0/80.0	100-110 gusting to 125	Severe Cyclonic Storm
30-12-2011/1730	12.0/78.6	65-75 gusting to 85	Cyclonic Storm
31-12-2011/0530	12.0/77.2	55-65 gusting to 75	Deep Depression
31-12-2011/1730	12.0/75.8	45-55 gusting to 65	Depression

Under the influence of this system, rainfall at most places with isolated heavy rainfall is likely over north Tamil Nadu & Puducherry and south coastal Andhra Pradesh from today morning, the 29th December 2011 onwards. The intensity of rainfall would increase with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) from today evening onwards and extend to Rayalseema and north interior Tamil Nadu.

Squally winds speed reaching 45-55 kmph likely to commence along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from today morning. The wind speed will increase gradually from today night onwards becoming 100-110 kmph gusting to 125 kmph along and off north Tamilnadu and south Andhra Pradesh coast at the time of landfall.

Storm surge of about 1 meter height above the astronomical tide would inundate the low lying areas of Chennai and Tiruvallur, Kanchipuram & Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition will be high to very high around the system centre. Sea condition will be high to very high along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts from today night onwards.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea. Those who are out at sea are advised to return to the coast.

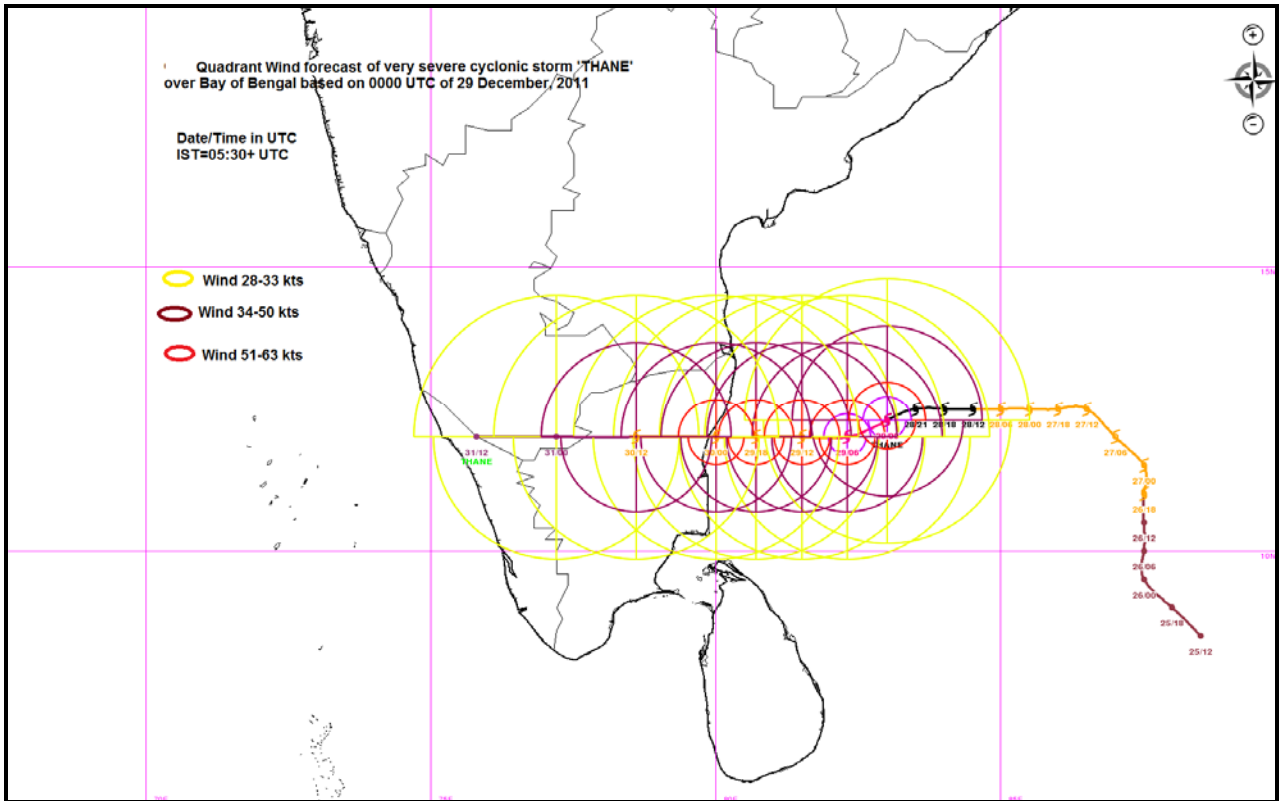
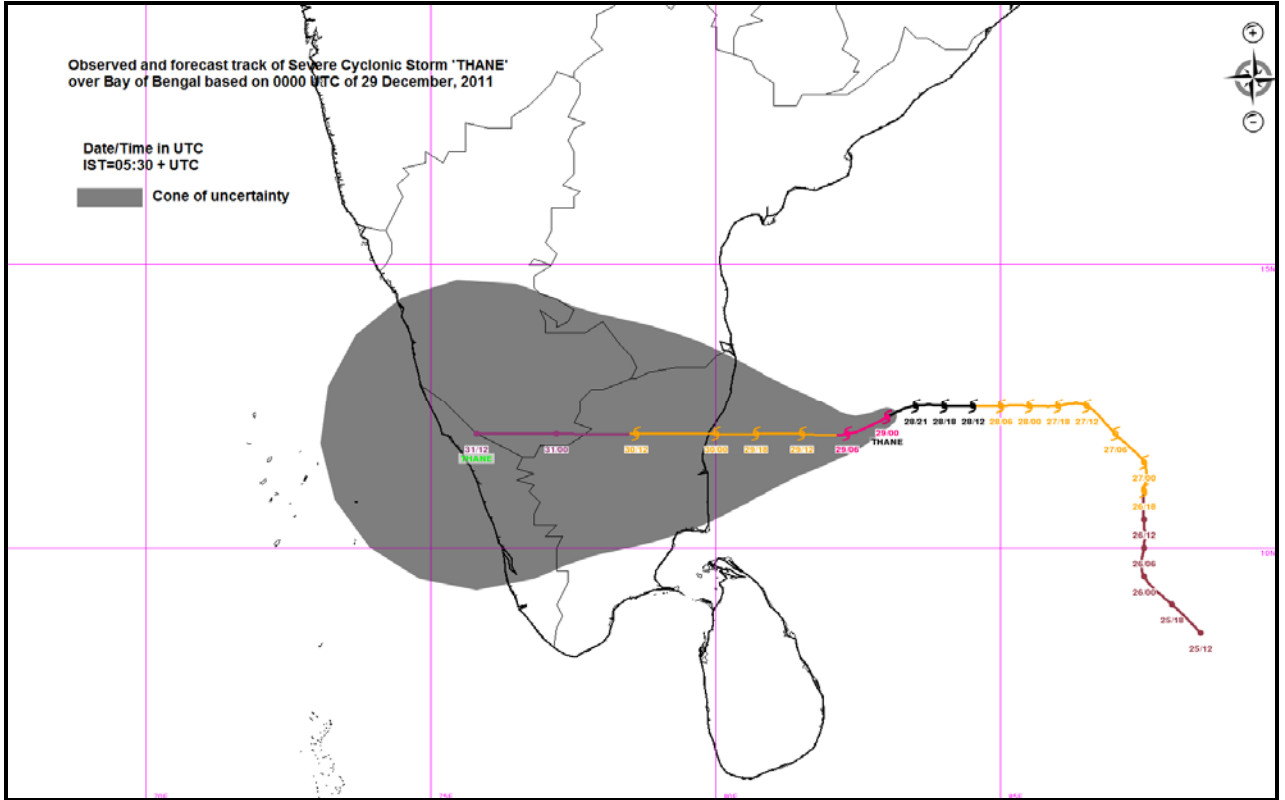
Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 1130 hrs IST of today the 29th December, 2011.

(Naresh Kumar)
Meteorologist
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.





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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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

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

DIRECTOR GENERAL, DOORDARSHAN (23385843)

DIRECTOR GENERAL, DOORDARSHAN (NEWS) (23097602)

DIRECTOR GENERAL, AIR (25843825)

PIB (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/26

Dated: 29.12. 2011

Time of issue:1130 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone Warning for north Tamilnadu and south Andhra Pradesh coast :
Red Message**

The very severe cyclonic storm '**THANE**' over southwest Bay of Bengal moved west-southwestward and lay centered at 0830 hrs IST of today, the 29th December 2011 near latitude 12.0⁰N and longitude 82.5⁰E, about 270 km east of Puducherry, 250 km east-southeast of Chennai (Tamilnadu) and 420 km north-northeast of Trincomalee (Sri Lanka). The system is likely to move westwards and cross north Tamil Nadu coast between Nagapattinam and Chennai, close to Puducherry around early morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
29-12-2011/0830	12.0/82.5	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/1130	12.0/82.0	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/1730	12.0/81.3	120-130 gusting to 145	Very Severe Cyclonic Storm
29-12-2011/2330	12.0/80.6	120-130 gusting to 145	Very Severe Cyclonic Storm
30-12-2011/0530	12.0/79.9	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/1730	12.0/78.5	65-75 gusting to 85	Cyclonic Storm
31-12-2011/0530	12.0/77.1	55-65 gusting to 75	Deep Depression
31-12-2011/1730	12.0/75.7	45-55 gusting to 65	Depression

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) would occur over north Tamil Nadu & Puducherry during next 48 hours. Rainfall at most places with isolated heavy to very heavy rainfall would also occur over south coastal Andhra Pradesh and Rayalseema and isolated heavy rainfall would occur over south Tamil Nadu during the same period.

Squally winds speed reaching 55-65 kmph gusting to 75 kmph is likely along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts. The wind speed will increase gradually becoming 110-120 kmph gusting to 135 kmph along and off north Tamilnadu and adjoining south Andhra Pradesh coast from today night onwards.

Storm surge of about 1 meter height above the astronomical tide would inundate the low lying areas of Chennai and Tiruvallur, Kanchipuram & Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition is very rough. It will gradually become very high to phenomenal along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea during next 48 hrs.

Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes. Storm is expected to damage the standing rice, groundnut and maize in coastal districts of Tamilnadu and rice and groundnut in coastal Andhra Pradesh.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors. Farmers are advised to drain out excess water from the field to prevent crop damage. Taller crops like banana, leaves may be removed and extra physical support may be given.

The next bulletin will be issued at 1330 hrs IST of today the 29th December, 2011.

(M.Mohapatra)
Scientist-E
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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

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

DIRECTOR GENERAL, DOORDARSHAN (23385843)

DIRECTOR GENERAL, DOORDARSHAN (NEWS) (23097602)

DIRECTOR GENERAL, AIR (25843825)

PIB (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/27

Dated: 29.12. 2011

Time of issue:1330 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone Warning for north Tamilnadu and south Andhra Pradesh coast :
Red Message**

The very severe cyclonic storm '**THANE**' over southwest Bay of Bengal moved westward and lay centered at 1130 hrs IST of today, the 29th December 2011 near latitude 12.0⁰N and longitude 82.0⁰E, about 220 km east of Puducherry, 200 km southeast of Chennai (Tamilnadu) and 400 km north-northeast of Trincomalee (Sri Lanka). The system is likely to move westwards and cross north Tamil Nadu coast between Nagapattinam and Chennai, close to Puducherry around early morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
29-12-2011/1130	12.0/82.0	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/1730	12.0/81.3	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/2330	12.0/80.6	120-130 gusting to 145	Very Severe Cyclonic Storm
30-12-2011/0530	12.0/79.9	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/1130	12.0/79.2	80-90 gusting to 100	Cyclonic Storm
30-12-2011/2330	12.0/77.8	55-65 gusting to 75	Cyclonic Storm
31-12-2011/1130	12.0/76.4	45-55 gusting to 65	Deep Depression
31-12-2011/2330	12.0/75.0	30-40 gusting to 50	Low pressure area

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) would occur over north Tamil Nadu & Puducherry during next 48 hours. Rainfall at most places with isolated heavy to very heavy rainfall would also occur over south coastal Andhra Pradesh and Rayalseema and isolated heavy rainfall would occur over south Tamil Nadu during the same period.

Squally winds speed reaching 55-65 kmph gusting to 75 kmph is likely along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts. The wind speed will increase gradually becoming 110-120 kmph gusting to 135 kmph along and off north Tamilnadu and adjoining south Andhra Pradesh coast from today night onwards.

Storm surge of about 1 meter height above the astronomical tide would inundate the low lying areas of Chennai and Tiruvallur, Kanchipuram & Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition is very rough. It will gradually become very high to phenomenal along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea during next 48 hrs.

Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes. Storm is expected to damage the standing rice, groundnut and maize in coastal districts of Tamilnadu and rice and groundnut in coastal Andhra Pradesh.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors. Farmers are advised to drain out excess water from the field to prevent crop damage. Taller crops like banana, leaves may be removed and extra physical support may be given.

The next bulletin will be issued at 1730 hrs IST of today, the 29th December, 2011.

(M.Mohapatra)
Scientist-E
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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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)
CONTROL ROOM NDMA, FAX.NO.26701729)
CABINET SECRETARIAT, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH SCIENCES (FAX NO.23316745)
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SECRETARY, DST (Fax No. 26863847/-2418)
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DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)
CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)
CHIEF SECRETARY, GOVT. OF PUDUCHERRY (FAX NO. 0413-2337575)
CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/28

Dated: 29.12. 2011

Time of issue:1630 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone Warning for north Tamilnadu and south Andhra Pradesh coast :
Red Message**

The very severe cyclonic storm 'THANE' over southwest Bay of Bengal slightly moved westward and lay centered at 1430 hrs IST of today, the 29th December 2011 near latitude 12.0^oN and longitude 81.7^oE, about 180 km east of Puducherry, 180 km southeast of Chennai (Tamilnadu) and 400 km north-northeast of Trincomalee (Sri Lanka). The system is likely to move westwards and cross north Tamil Nadu coast between Nagapattinam and Chennai, close to Puducherry around early morning of 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. ^o N/ long. ^o E)	Sustained maximum surface wind speed (kmph)	Intensity
29-12-2011/1430	12.0/81.7	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/1730	12.0/81.3	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/2330	12.0/80.6	120-130 gusting to 145	Very Severe Cyclonic Storm
30-12-2011/0530	12.0/79.9	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/1130	12.0/79.2	80-90 gusting to 100	Cyclonic Storm
30-12-2011/2330	12.0/77.8	55-65 gusting to 75	Cyclonic Storm
31-12-2011/1130	12.0/76.4	45-55 gusting to 65	Deep Depression
31-12-2011/2330	12.0/75.0	30-40 gusting to 50	Low pressure area

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) would occur over north Tamil Nadu & Puducherry during next 48 hours. Rainfall at most places with isolated heavy to very heavy rainfall would also occur over south coastal Andhra Pradesh and Rayalseema and isolated heavy rainfall would occur over south Tamil Nadu during the same period.

Squally winds speed reaching 55-65 kmph gusting to 75 kmph is likely along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts. The wind speed will increase gradually becoming 110-120 kmph gusting to 135 kmph along and off north Tamilnadu and adjoining south Andhra Pradesh coast from today night onwards.

Storm surge of about 1.0-1.5 meter height above the astronomical tide would inundate the low lying areas of Puducherry and Chennai, Tiruvallur, Kanchipuram & Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition is very rough. It will gradually become very high to phenomenal along and off north Tamil Nadu, Puducherry and south Andhra Pradesh coasts.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea during next 48 hrs.

Damage expected (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes. Storm is expected to damage the standing rice, groundnut and maize in coastal districts of Tamilnadu and rice and groundnut in coastal Andhra Pradesh.

Action suggested (over north coastal Tamil Nadu and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors. Farmers are advised to drain out excess water from the field to prevent crop damage. Taller crops like banana, leaves may be removed and extra physical support may be given.

The next bulletin will be issued at 2030 hrs IST of today, the 29th December, 2011.

(M.Mohapatra)
Scientist-E
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

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

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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/29

Dated: 29.12. 2011

Time of issue:2000 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone warning for north Tamilnadu and south Andhra Pradesh coast :
Red Message**

The very severe cyclonic storm 'THANE' over southwest Bay of Bengal moved westward and lay centered at 1730 hrs IST of today, the 29th December 2011 near latitude 12.0^oN and longitude 81.3^oE, about 160 km east of Puducherry, 160 km southeast of Chennai (Tamilnadu) and 380 km north-northeast of Trincomalee (Sri Lanka). The system is likely to move westwards and cross north Tamil Nadu coast between Nagapattinam and Chennai, close to Puducherry around early morning of tomorrow, the 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
29-12-2011/1730	12.0/81.3	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/2330	12.0/80.6	120-130 gusting to 145	Very Severe Cyclonic Storm
30-12-2011/0530	12.0/79.9	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/1130	12.0/79.2	80-90 gusting to 100	Cyclonic Storm
30-12-2011/1730	12.0/78.5	50-60 gusting to 70	Deep Depression
31-12-2011/0530	12.0/77.0	40-50 gusting to 60	Depression

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) would occur over north Tamil Nadu & Puducherry during next 36 hours. Rainfall at most places with isolated heavy to very heavy rainfall would also occur over south coastal Andhra Pradesh and Rayalseema and isolated heavy rainfall would occur over south Tamil Nadu during the same period.

Gale winds speed reaching 11-120 kmph gusting to 135 kmph is likely along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts during next 24 hours.

Storm surge of about 1.0-1.5 meter height above the astronomical tide would inundate the low lying areas of Puducherry and Chennai, Tiruvallur, Kanchipuram & Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition is phenomenal along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea during next 24 hrs.

Damage expected (over north coastal Tamil Nadu, Pudducherry and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes. Storm is expected to damage the standing rice, groundnut and maize in coastal districts of Tamilnadu and rice and groundnut in coastal Andhra Pradesh.

Action suggested (over north coastal Tamil Nadu, Pudducherry and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

Post landfall outlook:

Even after landfall the system is likely to maintain its intensity for 12 hours and weaken gradually. Under its influence rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy fall is likely to continue over north Tamil Nadu and Pudducherry during next 24 hours after landfall causing inundation of low lying areas. Gale/squally wind speed reaching 80-90 kmph gusting to 100 kmph causing damage to thatched roofs and huts breaking of tree branches causing minor damage to power and communication lines over north Tamil Nadu and Pudducherry during 12 hours after the landfall. People are advised to remain indoor/safe place and cooperate with state Govt. officials and disaster management agencies.

The next bulletin will be issued at 2330 hrs IST of today, the 29th December, 2011.

(M.Mohapatra)
Scientist-E
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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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)

CONTROL ROOM NDMA, FAX.NO.26701729)

**CABINET SECRETARIAT, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
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CHIEF SECRETARY, GOVT. OF PUDUCHERRY (FAX NO. 0413-2337575)

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/30

Dated: 29.12. 2011

Time of issue:2330 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone warning for north Tamilnadu and south Andhra Pradesh coast :
Red Message**

The very severe cyclonic storm 'THANE' over southwest Bay of Bengal moved westward and lay centered at 2030 hrs IST of today, the 29th December 2011 near latitude 12.0^oN and longitude 81.0^oE, about 130 km east of Puducherry, 150 km southeast of Chennai (Tamilnadu) and 370 km north of Trincomalee (Sri Lanka). The system is likely to move westwards and cross north Tamil Nadu coast between Nagapattinam and Chennai, close to Puducherry around early morning of tomorrow, the 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
29-12-2011/1500	12.0/81.0	130-140 gusting to 155	Very Severe Cyclonic Storm
29-12-2011/2330	12.0/80.6	120-130 gusting to 145	Very Severe Cyclonic Storm
30-12-2011/0530	12.0/79.9	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/1130	12.0/79.2	80-90 gusting to 100	Cyclonic Storm
30-12-2011/1730	12.0/78.5	50-60 gusting to 70	Deep Depression
31-12-2011/0530	12.0/77.0	40-50 gusting to 60	Depression

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) would occur over north Tamil Nadu & Puducherry during next 36 hours. Rainfall at most places with isolated heavy to very heavy rainfall would also occur over south coastal Andhra Pradesh and Rayalseema and isolated heavy rainfall would occur over south Tamil Nadu during the same period.

Gale winds speed reaching 110-120 kmph gusting to 135 kmph is likely along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts during next 24 hours.

Storm surge of about 1.0-1.5 meter height above the astronomical tide would inundate the low lying areas of Puducherry and Chennai, Tiruvallur, Kanchipuram & Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition is phenomenal along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea during next 24 hrs.

Damage expected (over north coastal Tamil Nadu, Pudducherry and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes. Storm is expected to damage the standing rice, groundnut and maize in coastal districts of Tamilnadu and rice and groundnut in coastal Andhra Pradesh.

Action suggested (over north coastal Tamil Nadu, Pudducherry and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

Post landfall outlook:

Even after landfall the system is likely to maintain its intensity for 12 hours and weaken gradually. Under its influence rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy fall is likely to continue over north Tamil Nadu and Pudducherry during next 24 hours after landfall causing inundation of low lying areas. Gale/squally wind speed reaching 80-90 kmph gusting to 100 kmph causing damage to thatched roofs and huts breaking of tree branches causing minor damage to power and communication lines over north Tamil Nadu and Pudducherry during 12 hours after the landfall. People are advised to remain indoor/safe place and cooperate with state Govt. officials and disaster management agencies.

The next bulletin will be issued at 0230 hrs IST of tomorrow, the 30th December, 2011.

(T. N. Jha)
Director

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/31

Dated: 30.12. 2011

Time of issue:0200 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone warning for north Tamilnadu and south Andhra Pradesh coast :
Red Message**

The very severe cyclonic storm '**THANE**' over southwest Bay of Bengal moved westward and lay at centered at 2330 hrs IST of yesterday, the 29th December 2011 near latitude 12.0°N and longitude 80.6°E, about 90 km east of Puducherry, 125 km south-southeast of Chennai (Tamilnadu) and 380 km northwest of Trincomalee (Sri Lanka). The system is likely to move westwards and cross north Tamil Nadu coast close to Puducherry around early morning of today, the 30th December 2011.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
29-12-2011/2330	12.0/80.6	120-130 gusting to 145	Very Severe Cyclonic Storm
30-12-2011/0530	12.0/79.9	110-120 gusting to 135	Severe Cyclonic Storm
30-12-2011/1130	12.0/79.2	70-80 gusting to 90	Cyclonic Storm
30-12-2011/1730	12.0/79.0	50-60 gusting to 70	Deep Depression
30-12-2011/2330	12.0/78.5	40-50 gusting to 60	Depression
31-12-2011/1130	12.0/77.0	20-30 gusting to 40	Low Pressure Area

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) would occur over north Tamil Nadu & Puducherry during next 24 hours. Rainfall at most places with isolated heavy to very heavy rainfall would also occur over south coastal Andhra Pradesh and Rayalseema and isolated heavy rainfall would occur over south Tamil Nadu during the same period.

Gale winds speed reaching 110-120 kmph gusting to 135 kmph is likely along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts during next 12 hours.

Storm surge of about 1.0-1.5 meter height above the astronomical tide would inundate the low lying areas of Puducherry and Chennai, Tiruvallur, Kanchipuram & Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition is phenomenal along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea during next 24 hrs.

Damage expected (over north coastal Tamil Nadu, Pudducherry and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes. Storm is expected to damage the standing rice, groundnut and maize in coastal districts of Tamilnadu and rice and groundnut in coastal Andhra Pradesh.

Action suggested (over north coastal Tamil Nadu, Pudducherry and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

Post landfall outlook:

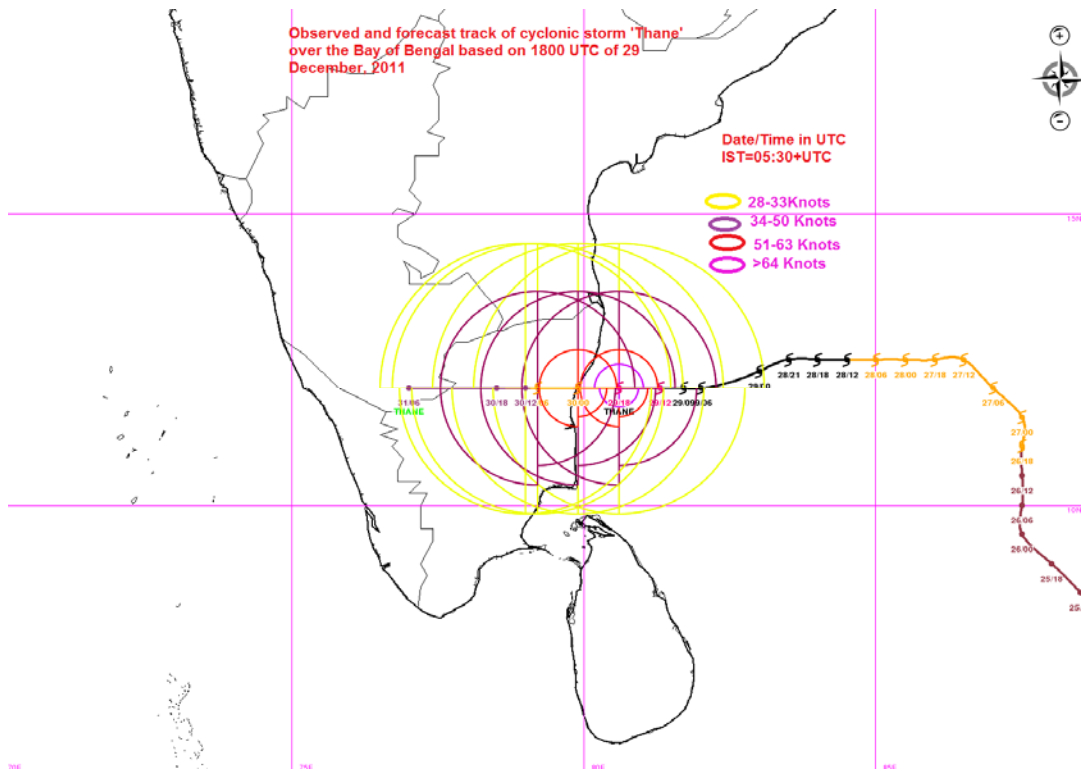
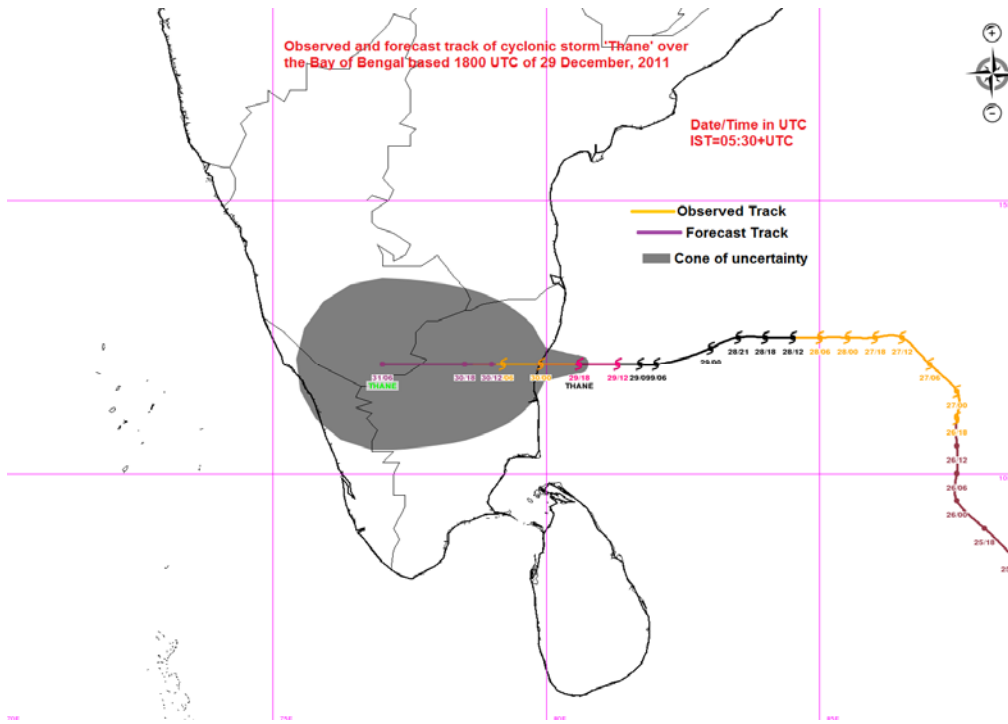
Even after landfall the system is likely to maintain its intensity for 12 hours and weaken gradually. Under its influence rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy fall is likely to continue over north Tamil Nadu and Pudducherry during next 24 hours after landfall causing inundation of low lying areas. Gale/squally wind speed reaching 80-90 kmph gusting to 100 kmph causing damage to thatched roofs and huts breaking of tree branches causing minor damage to power and communication lines over north Tamil Nadu and Pudducherry during 12 hours after the landfall. People are advised to remain indoor/safe place and cooperate with state Govt. officials and disaster management agencies.

The next bulletin will be issued at 0530 hrs IST of today, the 30th December, 2011.

(T. N. Jha)
Director

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.





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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)**

**PS TO HON'BLE MINISTER FOR SCIENCE AND TECHNOLOGY AND EARTH
SCIENCES (FAX NO.23316745)**

SECRETARY, MoES, (Fax No. 24360336)

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

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

DIRECTOR GENERAL, DOORDARSHAN (23385843)

DIRECTOR GENERAL, DOORDARSHAN (NEWS) (23097602)

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PIB (Ms. KALPANA PALKIWALA, DEPUTY DIRECTOR, FAX NO. 24362909)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)

DIRECTOR OF PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, GOVT. OF TAMIL NADU (FAX NO. 044-25672304)

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

CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)

Bulletin No. BOB 05/2011/32

Dated: 30.12. 2011

Time of issue:0530 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal:-
Cyclone warning for north Tamilnadu and south Andhra Pradesh coast :
Red Message**

The very severe cyclonic storm 'THANE' over southwest Bay of Bengal moved westward and lay at centered at 0230 hrs IST of today, the 30th December 2011 near latitude 11.8°N and longitude 80.3°E, about 50 km east of Puducherry and 125 km south of Chennai (Tamilnadu). The system is likely to move westwards and cross north Tamil Nadu coast close to south of Puducherry within a few hours.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
30-12-2011/0230	11.8/80.3	120-130 gusting to 145	Very Severe Cyclonic Storm
30-12-2011/0530	11.8/79.9	120-130 gusting to 145	Very Severe Cyclonic Storm
30-12-2011/1130	11.8/79.2	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/1730	11.8/79.0	65-75 gusting to 85	Cyclonic Storm
30-12-2011/2330	11.8/78.3	45-55 gusting to 65	Depression
31-12-2011/1130	11.8/77.0	25-35 gusting to 45	Low Pressure area

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) would occur over north Tamil Nadu & Puducherry during next 24 hours. Rainfall at most places with isolated heavy to very heavy rainfall would also occur over south coastal Andhra Pradesh and Rayalseema and isolated heavy rainfall would occur over south Tamil Nadu during the same period.

Gale winds speed reaching 110-120 kmph gusting to 135 kmph is likely along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts during next 12 hours.

Storm surge of about 1.0-1.5 meter height above the astronomical tide would inundate the low lying areas of Puducherry and Chennai, Tiruvallur, Kanchipuram & Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition is phenomenal along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea during next 24 hrs.

The current observation indicates heavy rainfall is continuing along north coastal Tamil Nadu with gale wind speed of 100-110 gusting to 125 kmph near Puducherry and adjoining area.

Damage expected (over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes. Storm is expected to damage the standing rice, groundnut and maize in coastal districts of Tamilnadu and rice and groundnut in coastal Andhra Pradesh.

Action suggested (over north coastal Tamil Nadu, Puducherry and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

Post landfall outlook:

Even after landfall the system is likely to maintain its intensity for 12 hours and weaken gradually. Under its influence rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy fall is likely to continue over north Tamil Nadu and Puducherry during next 24 hours after landfall causing inundation of low lying areas. Gale/squally wind speed reaching 80-90 kmph gusting to 100 kmph causing damage to thatched roofs and huts breaking of tree branches causing minor damage to power and communication lines over north Tamil Nadu and Puducherry during 12 hours after the landfall. People are advised to remain indoor/safe place and cooperate with state Govt. officials and disaster management agencies.

The next bulletin will be issued at 0830 hrs IST of today, the 30th December, 2011.

(T. N. Jha)
Director

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
(FAX.NO.23793144)
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CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)
CHIEF SECRETARY, GOVT. OF KERALA (FAX NO. 0471-2327176)
CHIEF SECRETARY, GOVT. OF KARNATAKA (FAX NO. 080-22258913)**

Bulletin No. BOB 05/2011/33

Dated: 30.12. 2011

Time of issue:0700 hours IST

**Sub : Very Severe Cyclonic Storm 'THANE' over southwest Bay of Bengal
close to Puducherry:-Cyclone warning for north Tamilnadu and south
Andhra Pradesh coast : Red Message**

The very severe cyclonic storm 'THANE' over southwest Bay of Bengal moved further westward and lay at centered at 0530 hrs IST of today, the 30th December 2011 near latitude 11.8^oN and longitude 79.9^oE, very close to southeast of Puducherry. The system is likely to move westwards and cross north Tamil Nadu coast close to south of Puducherry within a few hours and weaken gradually.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
30-12-2011/0530	11.8/79.9	115-125 gusting to 145	Very Severe Cyclonic Storm
30-12-2011/1130	11.8/79.2	80-90 gusting to 110	Cyclonic Storm
30-12-2011/1730	11.8/78.5	55-65 gusting to 75	Deep Depression
30-12-2011/2330	11.8/77.8	40-50 gusting to 60	Depression
31-12-2011/0530	11.8/77.0	25-35 gusting to 45	Low Pressure area

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy falls (25cm or more) would occur over north Tamil Nadu & Puducherry during next 24 hours. Rainfall at most places with isolated heavy to very heavy rainfall would also occur over south coastal Andhra Pradesh and Rayalseema the same period. Rainfall at many places with isolated heavy rainfall would occur over south Tamil Nadu, north Kerala and south Karnataka during next 24 hours.

Gale winds speed reaching 120-130 kmph gusting to 145 kmph is likely along and off north Tamil Nadu and Puducherry coasts during next 3 hours and then decrease gradually.

Storm surge of about 1.0-1.5 meter height above the astronomical tide would inundate the low lying areas of Puducherry and Chennai, Tiruvallur, Kanchipuram & Villupuram districts of north Tamil Nadu at the time of landfall.

Sea condition is phenomenal along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea during next 24 hrs.

The maximum gale wind speed of 115-125 kmph has been reported at 0530 hrs IST along north Tamil Nadu and Puducherry coast, as Puducherry and Cuddalore observatories of IMD reported maximum sustained wind speed of 125 and 115 kmph respectively.

Damage expected (over north coastal Tamil Nadu, Pudducherry and south coastal Andhra Pradesh): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes. Storm is expected to damage the standing rice, groundnut and maize in coastal districts of Tamilnadu and rice and groundnut in coastal Andhra Pradesh.

Action suggested (over north coastal Tamil Nadu, Pudducherry and south coastal Andhra Pradesh): Total suspension of fishing operations. Coastal hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

Post landfall outlook:

Even after landfall the system is likely to maintain its intensity for 12 hours and weaken gradually. Under its influence rainfall at most places with heavy to very heavy falls at a few places and isolated extremely heavy fall is likely to continue over north Tamil Nadu and Pudducherry during next 24 hours after landfall causing inundation of low lying areas. Gale/squally wind speed reaching 80-90 kmph gusting to 100 kmph causing damage to thatched roofs and huts breaking of tree branches causing minor damage to power and communication lines over north Tamil Nadu and Pudducherry during 12 hours after the landfall. People are advised to remain indoor/safe place and cooperate with state Govt. officials and disaster management agencies.

The next bulletin will be issued at 1130 hrs IST of today, the 30th December, 2011.

(M. Mohapatra)
Scientist-E
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



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, (KIND ATTN SHRI TARA DUTT , JOINT SECRETARY)
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SECRETARY, DST (Fax No. 26863847/-2418)
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CHIEF SECRETARY, GOVT. OF ANDHRAPRADESH (FAX NO. 040-23453700)
CHIEF SECRETARY, GOVT. OF KERALA (FAX NO. 0471-2327176)
CHIEF SECRETARY, GOVT. OF KARNATAKA (FAX NO. 080-22258913)

Bulletin No. BOB 05/2011/34

Dated: 30.12. 2011

Time of issue:0930 hours IST

Sub : Very Severe Cyclonic Storm 'THANE' crossed coast.

The very severe cyclonic storm 'THANE' over southwest Bay of Bengal moved further westward and crossed north Tamil Nadu coast between Cuddalore and Puducherry between 0630 and 0730 hrs IST of today. It then continued to move westwards and weakened into a severe cyclonic storm and lay centered at 0830 hrs IST of today, the 30th December 2011 near latitude 11.8°N and longitude 79.5°E about 30 Km west of Cuddalore and 35 Km southwest of Puducherry. The system is likely to move westwards and weaken further.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
30-12-2011/0830	11.8/79.5	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/1130	11.8/79.0	65-75 gusting to 85	Cyclonic Storm
30-12-2011/1730	11.8/78.3	55-65 gusting to 75	Deep Depression
30-12-2011/2330	11.8/77.6	40-50 gusting to 60	Depression
31-12-2011/0530	11.8/76.0	25-35 gusting to 45	Low Pressure area

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places would occur over north coastal Tamil Nadu & Puducherry during next 12 hours and over north interior Tamil Nadu during next 24 hours. Rainfall at many places with

isolated heavy to very heavy rainfall would occur over south coastal Andhra Pradesh during next 12 hours and over Rayalseema, north Kerala and south Karnataka during next 24 hours.

Gale winds speed reaching 90-100 kmph gusting to 110 kmph is likely along and off north Tamil Nadu and Puducherry coasts and adjoining areas of north interior Tamil Nadu during next 3 hours and then decrease gradually.

Sea condition is very high along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea during next 12 hrs.

The maximum gale wind speed of 120-140 kmph has been reported over Puducherry and Cuddalore observatories of IMD. .

Damage expected (NorthTamil Nadu and Pudducherry): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes. Storm is expected to damage the standing rice, groundnut and maize in districts of north Tamilnadu .

Action suggested (over north Tamil Nadu and Pudducherry): Total suspension of fishing operations. Hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 1430 hrs IST of today, the 30th December, 2011.

(T N Jha)
Director
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatanam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

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CHIEF SECRETARY, GOVT. OF KARNATAKA (FAX NO. 080-22258913)

Bulletin No. BOB 05/2011/34

Dated: 30.12. 2011

Time of issue:0930 hours IST

Sub : Very Severe Cyclonic Storm 'THANE' crossed coast.

The very severe cyclonic storm '**THANE**' over southwest Bay of Bengal moved further westward and crossed north Tamil Nadu coast between Cuddalore and Puducherry between 0630 and 0730 hrs IST of today. It then continued to move westwards and weakened into a severe cyclonic storm and lay centered at 0830 hrs IST of today, the 30th December 2011 near latitude 11.8^oN and longitude 79.5^oE about 30 Km west of Cuddalore and 35 Km southwest of Puducherry. The system is likely to move westwards and weaken further.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
30-12-2011/0830	11.8/79.5	90-100 gusting to 110	Severe Cyclonic Storm
30-12-2011/1130	11.8/79.0	65-75 gusting to 85	Cyclonic Storm
30-12-2011/1730	11.8/78.3	55-65 gusting to 75	Deep Depression
30-12-2011/2330	11.8/77.6	40-50 gusting to 60	Depression
31-12-2011/0530	11.8/76.0	25-35 gusting to 45	Low Pressure area

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places would occur over north coastal Tamil Nadu & Puducherry during next 12 hours and over north interior Tamil Nadu during next 24 hours. Rainfall at many places with

isolated heavy to very heavy rainfall would occur over south coastal Andhra Pradesh during next 12 hours and over Rayalseema, north Kerala and south Karnataka during next 24 hours.

Gale winds speed reaching 90-100 kmph gusting to 110 kmph is likely along and off north Tamil Nadu and Puducherry coasts and adjoining areas of north interior Tamil Nadu during next 3 hours and then decrease gradually.

Sea condition is very high along and off north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts.

Fishermen along north Tamil Nadu, Puducherry & south Andhra Pradesh coasts are advised not to venture into sea during next 12 hrs.

The maximum gale wind speed of 120-140 kmph has been reported over Puducherry and Cuddalore observatories of IMD. .

Damage expected (NorthTamil Nadu and Pudducherry): Extensive damage to thatched roof and huts. Minor damage to power and communication line due to uprooting of large avenue trees. Flooding of escape routes. Storm is expected to damage the standing rice, groundnut and maize in districts of north Tamilnadu .

Action suggested (over north Tamil Nadu and Pudducherry): Total suspension of fishing operations. Hutment dwellers to be moved to safer place. People in affected areas to remain indoors.

The next bulletin will be issued at 1430 hrs IST of today, the 30th December, 2011.

(T N Jha)
Director
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.



भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

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CHIEF SECRETARY, GOVT. OF KARNATAKA (FAX NO. 080-22258913)

Bulletin No. BOB 05/2011/35

Dated: 30.12. 2011

Time of issue:1330 hours IST

Sub : Severe Cyclonic Storm 'THANE' weakened rapidly into a deep depression

The severe cyclonic storm 'THANE' over north Tamil Nadu near cuddalore moved further westward and weakened rapidly into a deep depression and lay centered at 1130 hrs IST of today, the 30th December 2011 near latitude 11.8^oN and longitude 79.0^oE, about 100 Km west of Cuddalore. The system is likely to move westwards and weaken further.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

Date/Time(IST)	Position (lat. °N/ long. °E)	Sustained maximum surface wind speed (kmph)	Intensity
30-12-2011/1130	11.8/79.0	55-65 gusting to 75	Deep Depression
30-12-2011/1730	11.8/78.3	40-50 gusting to 60	Depression
30-12-2011/2330	11.8/77.6	25-35 gusting to 45	Low Pressure area

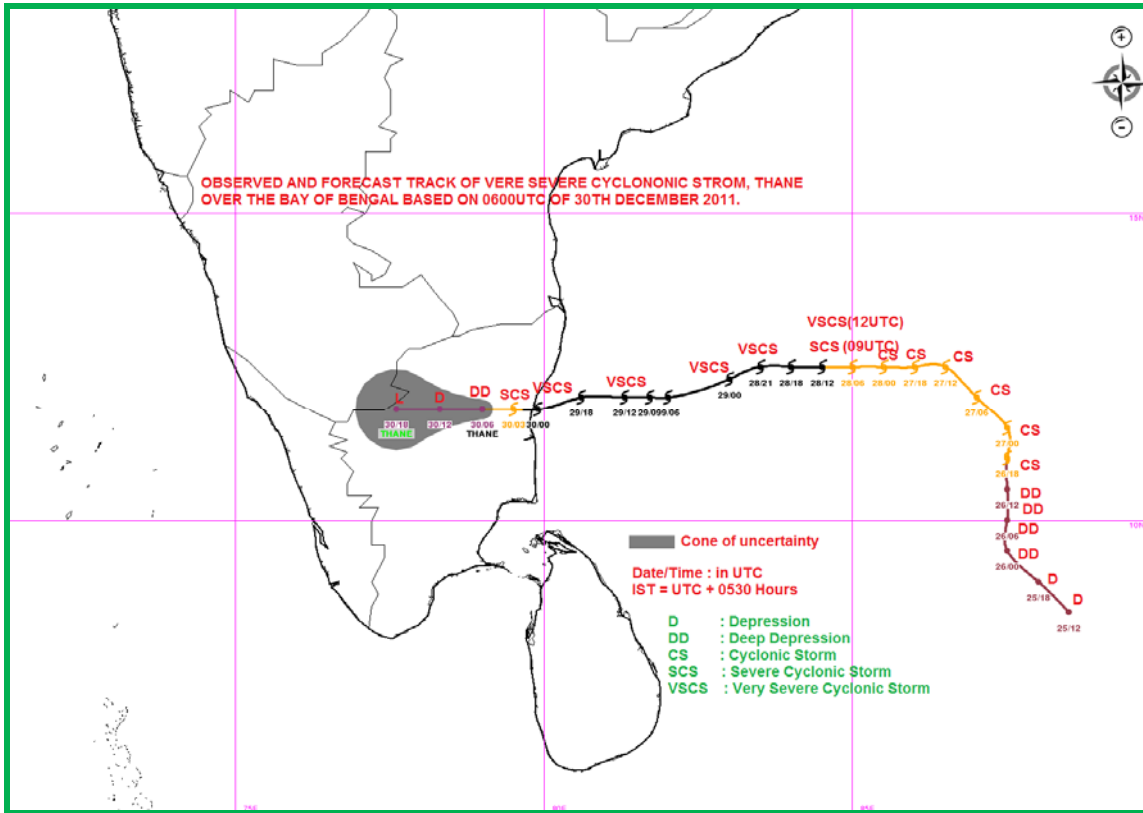
Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places would occur over north interior Tamil Nadu during next 24 hours. Rainfall at many places with isolated heavy to very heavy rainfall would occur over north coastal Tamil Nadu and Puducherry during next 12 hrs and over Rayalseema, north Kerala and south Karnataka during next 24 hours.

Squally winds speed reaching 55-65 kmph gusting to 75 kmph is likely over north Tamil Nadu during next 3 hours and then decrease gradually.

The next bulletin will be issued at 2030 hrs IST of today, the 30th December, 2011.

(M.Mohaptra)
Scientist 'E'
011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatnam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.





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Bulletin No. BOB 05/2011/36

Dated: 30.12. 2011

Time of issue:1900 hours IST

Sub : Depression over north Tamilnadu.

The deep depression moved west- southwestward weakened into a depression and lay centered at 1730 hrs IST of today, the 30th December 2011 over north Tamilnadu close to Salem. The system is likely to move westwards and weaken further into a low pressure area during next 12 hours..

Under the influence of this system, rainfall at most places with heavy to very heavy falls at isolated places would occur over north Tamil Nadu during next 12 hours. Rainfall at many places with isolated heavy rainfall may occur over Rayalseema,during next 12 hours and over north Kerala, and coastal and south interior Karnataka during next 24 hours.

The next bulletin will be issued at 0830 hrs IST of tommorow, the 31st December, 2011.

(T.N.JHA)
Director'

011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Visakhapatanam (0891-2543036)/Bhubaneswar/Command MO Mumbai (022-22630084) /Command MO Visakhapatnam (0891-2709086)/ MC Hyderabad.

