



**Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department**

Bulletin No.: 01 (BOB 02/2015)

Time of issue: 1330 hours IST

Dated: 26.07.2015

FAX MESSAGE

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT.OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)**

Sub: 1.) Depression over northeast Bay of Bengal & adjoining coastal areas of Bangladesh and West Bengal

A depression has formed over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal and lay centred at 0830 hrs IST of today, the 26 July 2015 near latitude 22.0⁰ North and longitude 90.8⁰ East, about 60 km southeast of Patuakhali (Bangladesh). The system is likely to remain stationary and may concentrate into a deep depression during next 48 hours.

Heavy rainfall warning:

Heavy rainfall would occur at isolated places over Gangetic west Bengal during next 24 hours and heavy to very heavy during subsequent 24 hours. Heavy rainfall would occur at isolated places over Odisha on 27th. The rainfall intensity would increase significantly both over Gangetic West Bengal and Odisha from 28th July 2015.

2.) Well-marked low pressure area over East Rajasthan and neighbourhood

A well marked low pressure area lies over east Rajasthan and neighbourhood at 0830 hrs IST of today, the 26th July 2015. It would concentrate into a depression during next 24 hours.

Heavy rainfall warning:

Heavy to very heavy rainfall would occur at a few places with isolated extremely heavy falls over Gujarat region during next 48 hours. Isolated heavy to very heavy falls at a few places would also occur over Saurashtra & Kutch during the same period. Heavy to very heavy rainfall at a few places would also occur over West Madhya Pradesh during next 24 hours with possibility of isolated extremely heavy rain over southwest Madhya Pradesh. Heavy to very heavy rainfall would occur at a few places over south Rajasthan and isolated heavy over north Rajasthan during next 48 hours.

The next bulletin will be issued at 2030 hrs IST of 26 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

Copy to:

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(B.P.Yadav)
Head, NWFC
Phone No. 011-24629798



**Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department**

Bulletin No.: 02 (BOB 02/2015)

Time of issue: 2000 hours IST

Dated: 26.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
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DIRECTOR GENERAL, AIR (25843825)
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CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)**

Sub: 1.) Depression over northeast Bay of Bengal & adjoining coastal areas of Bangladesh and West Bengal

The depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal moved slightly westwards and lay centred at 1730 hrs IST of today, the 26 July 2015 near latitude 22.0⁰ North and longitude 90.2⁰ East, close to west of Khepupara (Bangladesh). The system is likely to remain stationary for some time and may concentrate into a deep depression during next 48 hours.

Heavy rainfall warning:

Heavy rainfall would occur at isolated places over Gangetic West Bengal during next 24 hours and heavy to very heavy during subsequent 24 hours. Heavy rainfall would occur at isolated places over Odisha on 27th. The rainfall intensity would increase significantly both over Gangetic West Bengal and Odisha from 28th July 2015.

2.) Well-marked low pressure area over central parts of Rajasthan

The well marked low pressure area over east Rajasthan and neighbourhood now lies over central parts of Rajasthan at 1730 hrs IST of today, the 26 July 2015. It would concentrate into a depression during next 24 hours.

Heavy rainfall warning:

Heavy to very heavy rainfall would occur at a few places with isolated extremely heavy falls over Gujarat region during next 48 hours. Heavy to very heavy rainfall would occur at isolated places over Saurashtra & Kutch during the same period. Heavy to very heavy rainfall at a few places would also occur over West Madhya Pradesh during next 24 hours with possibility of isolated extremely heavy rain over southwest Madhya Pradesh. Heavy to very heavy rainfall would occur at a few places over south Rajasthan and isolated heavy over north Rajasthan during next 48 hours.

The next bulletin will be issued at 0900 hrs IST of 27 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

Copy to:

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**(CHARAN SINGH)
SCIENTIST 'E', NWFC
Phone No. 011-24631913**



**Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department**

FAX MESSAGE

Bulletin No.: 03 (BOB 02/2015)

Time of issue: 0900 hours IST

Dated: 27.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**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 GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)**

Sub: 1.) Depression over northeast Bay of Bengal & adjoining coastal areas of Bangladesh and West Bengal

The depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal remained practically stationary and lay centred at 0530 hrs IST of today, the 27 July 2015 near latitude 22.0⁰ North and longitude 90.2⁰ East, close to Khepupara (Bangladesh). The system is likely to remain stationary for some more time and may concentrate into a deep depression during next 24 hours.

Heavy rainfall warning:

Heavy to very heavy rainfall would occur at isolated places over Gangetic West Bengal and Odisha during next 24 hours and heavy to very heavy at a few places during subsequent 24 hours. The rainfall intensity would increase significantly both over Gangetic West Bengal and Odisha from 29 July 2015.

2.) Well marked low pressure area over West Rajasthan and neighbourhood

Yesterday's well marked low pressure area over central parts of Rajasthan now i.e., at 0530 hrs IST of today, the 27 July 2015 lies over West Rajasthan and neighbourhood. It would concentrate into a depression during next 24 hours.

Heavy rainfall warning:

Heavy to very heavy rainfall would occur at a few places with isolated extremely heavy falls over Gujarat region and Saurashtra & Kutch during next 48 hours. Heavy to very heavy rainfall would occur at a few places over south Rajasthan and isolated heavy over north Rajasthan during next 48 hours. Heavy rainfall would occur over southwest Madhya Pradesh during next 24 hours.

The next bulletin will be issued at 1230 hrs IST of today, the 27 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

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FAX MESSAGE

Bulletin No.: 04 (BOB 02/2015)

Time of issue: 1200 hours IST

Dated: 27.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
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CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)**

Sub: 1.) Depression over northeast Bay of Bengal & adjoining coastal areas of Bangladesh and West Bengal

The depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal remained practically stationary during the last 15 hours and lay centred at 0830 hrs IST of today, the 27 July 2015 near latitude 22.0⁰ North and longitude 90.2⁰ East, close to Khepupara (Bangladesh). The system is likely to remain stationary for some more time and may concentrate into a deep depression during next 24 hours.

Heavy rainfall warning:

Heavy to very heavy rainfall would occur at isolated places over the **Gangetic West Bengal** during next 48 hours and heavy to very heavy at a few places during the subsequent 24 hours.

Heavy rainfall would occur at isolated places over **Odisha** during next 48 hours and heavy to very heavy rainfall at a few places during subsequent 24 hours.

Sea condition: Sea condition will be rough to very rough over north Bay of Bengal during next 72 hours. Fishermen are advised not to venture into the sea over the above area during the same period.

2.) **Well marked low pressure area over West Rajasthan and neighbourhood**

The well marked low pressure area over West Rajasthan and neighbourhood now lies over southwest Rajasthan and neighbourhood at 0830 hours IST of today, the 27 July 2015. It would concentrate into a depression during next 24 hours.

Heavy rainfall warning:

Heavy to very heavy rainfall at a few places over **West Rajasthan** during next 48 hours and isolated heavy to very heavy during subsequent 24 hours.

Heavy to very heavy rainfall would occur at isolated places over **East Rajasthan** during next 48 hours and isolated heavy during subsequent 24 hours.

Heavy to very heavy rainfall would occur at a few places with isolated extremely heavy falls over **Gujarat region** during next 48 hours and isolated heavy to very heavy during subsequent 24 hours.

Heavy to very heavy rainfall would occur at a few places over **Saurashtra & Kutch** during next 24 hours; at a few places with isolated extremely heavy falls during subsequent 24 hours and at isolated heavy to very heavy during next 24 hours.

Heavy rainfall would occur at isolated places over **southwest Madhya Pradesh** during the next 24 hours.

The next bulletin will be issued at 2030 hrs IST of today, the 27 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

Copy to:

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FAX MESSAGE

Bulletin No.: 05 (BOB 02/2015)

Time of issue: 2030 hours IST

Dated: 27.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
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CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
Administrator, Daman & Diu and DNH (FAX No.0260-2230775)**

**Subject: Depressions over (I) southwest Rajasthan & neighbourhood and
(II) northeast Bay of Bengal and adjoining coastal areas of
Bangladesh & West Bengal**

I) Depression over southwest Rajasthan & neighbourhood

The well marked low pressure area over southwest Rajasthan & neighbourhood has concentrated into a depression and lay centred at 1730 hours IST of today, the 27 July 2015 over southwest Rajasthan & neighbourhood near latitude 26.2⁰ North and longitude 71.8⁰ East, about 100 km east-southeast of Jaisalmer (Rajasthan). The system would remain practically stationary during next 48 hours and would move slowly west-northwestwards thereafter.

Heavy rainfall warning:

Heavy to very heavy rainfall would occur at a few places with isolated extremely heavy falls over **Gujarat region and Saurashtra & Kutch** during next 48 hours. The intensity of rainfall may decrease gradually, however active wet spell would continue over above regions during subsequent 3 days.

Heavy to very heavy rainfall would occur at a few places over **south Rajasthan** during next 48 hours. Heavy to very heavy rainfall would also occur at isolated places

over **north Rajasthan** during next 24 hours and isolated heavy during subsequent 24 hours.

Heavy rainfall would occur at isolated places over **southwest Madhya Pradesh** during the next 24 hours.

II) Depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal

The depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal remained practically stationary and lay centred at 1730 hrs IST of today, the 27 July 2015 near latitude 22.0⁰ North and longitude 90.2⁰ East, close to Khepupara (Bangladesh). The system is likely to remain practically stationary and may concentrate into a deep depression during next 48 hours.

Heavy rainfall warning:

Heavy to very heavy rainfall would occur at isolated places over the **Gangetic West Bengal** during next 48 hours and heavy to very heavy at a few places during the subsequent 24 hours.

Heavy rainfall would occur at isolated places over **Odisha** during next 48 hours and heavy to very heavy rainfall at a few places during subsequent 24 hours.

Sea condition: Sea condition will be rough to very rough over north Bay of Bengal during next 72 hours. Squally wind speed reaching 45-55 kmph along and off West Bengal and north Odisha coasts. Fishermen are advised not to venture into the sea over north Bay of Bengal during the same period.

The next bulletin will be issued at 0000 hrs IST of tomorrow, the 28 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

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FAX MESSAGE

Bulletin No.: 06 (BOB 02/2015)

Time of issue: 0830 hours IST

Dated: 28.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
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CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
Administrator, Daman & Diu and DNH (FAX No.0260-2230775)**

**Subject: Depressions over (I) southwest Rajasthan & neighbourhood and
(II) northeast Bay of Bengal and adjoining coastal areas of
Bangladesh & West Bengal**

I) Depression over southwest Rajasthan & neighbourhood

The depression over southwest Rajasthan & neighbourhood remained practically stationary and lay centred at 0530 hours IST of today, the 28 July 2015 over southwest Rajasthan & neighbourhood near lat. 26.2⁰ N and long. 71.8⁰ E, about 100 km east-southeast of Jaisalmer (Rajasthan). The system would remain practically stationary during next 48 hours and would move slowly west-northwestwards thereafter.

Heavy rainfall warning:

Heavy to very heavy rainfall would occur at a few places with isolated extremely heavy falls over **Gujarat region and Saurashtra & Kutch** during next 48 hours. The intensity of rainfall may decrease gradually, however active wet spell would continue over the above regions during subsequent 2 days.

Heavy to very heavy rainfall would occur at a few places over **south Rajasthan** during next 24 hours and isolated heavy during subsequent 24 hours. Heavy rainfall would also occur at isolated places over **north Rajasthan** during next 24 hours.

Heavy rainfall would occur at isolated places over **southwest Madhya Pradesh** during the next 24 hours.

II) Depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal

The depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal remained practically stationary and lay centred at 0530 hrs IST of today, the 28 July 2015 near lat. 22.0⁰ N and long. 90.2⁰ E, close to Khepupara (Bangladesh). The system is likely to remain practically stationary and may concentrate into a deep depression during next 48 hours.

Heavy rainfall warning:

Heavy to very heavy rainfall would occur at isolated places over the **Gangetic West Bengal** during next 48 hours and heavy to very heavy at a few places during the subsequent 24 hours.

Heavy rainfall would occur at isolated places over **Odisha** during next 48 hours and heavy to very heavy rainfall at a few places during subsequent 24 hours.

Sea condition: Sea condition would be rough to very rough over north Bay of Bengal during next 72 hours. Squally wind speed reaching 45-55 kmph along and off West Bengal & north Odisha coasts during the same period. Fishermen are advised not to venture into the sea over north Bay of Bengal during the same period.

The next bulletin will be issued at 1230 hrs IST of today, the 28 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

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**Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department**

FAX MESSAGE

Bulletin No.: 07 (BOB 02/2015)

Time of issue: 1130 hours IST

Dated: 28.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**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 RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
Administrator, Daman & Diu and DNH (FAX No.0260-2230775)**

**Subject: 1) Deep depression over southwest Rajasthan & adjoining Gujarat and
2) Depression over northeast Bay of Bengal and adjoining coastal
areas of Bangladesh & West Bengal**

1) Deep depression over southwest Rajasthan & adjoining Gujarat state

The depression over southwest Rajasthan & neighbourhood intensified into a deep depression and lay centered at 0830 hours IST of today, the 28 July 2015 over southwest Rajasthan & adjoining Gujarat state near lat. 24.8⁰ N and long. 71.8⁰ E, about 110 km south-southeast of Barmer (Rajasthan). The system would remain over the same region during next 48 hours. Thereafter, it would move slowly northwestwards and weaken gradually.

Heavy rainfall warning:

Rainfall would occur at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls over **Gujarat region, Daman, Dadra & Nagar Haveli and Saurashtra, Kutch & Diu** on 28 & 29 July; heavy to very heavy at a few places on 30 July and isolated heavy to very heavy on 31 July 2015 over the same region.

Rainfall would occur at most places with heavy to very heavy rainfall at a few places over **south Rajasthan** during next 72 hours. Heavy to very heavy rainfall would also occur at isolated places over **north Rajasthan** on 30 July 2015.

Heavy to very heavy rainfall would occur at isolated places over **southwest Madhya Pradesh** during the next 24 hours.

Fishermen warning: Squally wind speed reaching 45-55 kmph along and off Gujarat & north Konkan coasts during next 48 hours. Sea condition would be rough to very rough along and off Gujarat & north Konkan coasts during the same period. Fishermen are advised not to venture into the sea along & off Gujarat & north Konkan coasts during the same period.

2) Depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal

The depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal remained practically stationary and lay centred at 0830 hrs IST of today, the 28 July 2015 near lat. 22.0⁰ N and long. 90.2⁰ E, close to Khepupara (Bangladesh). The system is likely to remain practically stationary and may concentrate into a deep depression during next 48 hours.

Heavy rainfall warning:

Heavy to very heavy rainfall would occur at isolated places over the **Gangetic West Bengal** during next 48 hours and heavy to very heavy at a few places during the subsequent 24 hours.

Heavy rainfall would occur at isolated places over **Odisha** during next 48 hours and heavy to very heavy rainfall at a few places during subsequent 24 hours.

Fishermen warning: Squally wind speed reaching 45-55 kmph along and off West Bengal & north Odisha coasts during next 72 hours. Sea condition would be rough to very rough over north Bay of Bengal during the same period. Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

The next bulletin will be issued at 1730 hrs IST of today, the 28 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

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Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 08 (BOB 02/2015)

Time of issue: 1730 hours IST

Dated: 28.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
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PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
Administrator, Daman & Diu and DNH (FAX No.0260-2230775)

Subject: 1) Deep depression over southwest Rajasthan & adjoining Gujarat state and 2) Depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal

1) Deep depression over southwest Rajasthan & adjoining Gujarat state

The deep depression over southwest Rajasthan & adjoining Gujarat state remained practically stationary during past six hours and lay centered at 1430 hours IST of today, the 28 July 2015 over the same area near lat. 24.8⁰ N and long. 71.8⁰ E, about 110 km south-southeast of Barmer (Rajasthan). The system would remain over the same area during next 48 hours. Thereafter, it would move slowly northwestwards and weaken gradually.

Heavy rainfall warning:

Rainfall would occur at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls over **Gujarat region, Daman, Dadra & Nagar Haveli and Saurashtra, Kutch & Diu** on 28 & 29 July; heavy to very heavy at a few places on 30 July and isolated heavy to very heavy on 31 July 2015 over the same region.

Rainfall would occur at most places with heavy to very heavy rainfall at a few places over **south Rajasthan** during next 72 hours. Heavy to very heavy rainfall would occur at isolated places over **north Rajasthan** on 30 July 2015.

Heavy to very heavy rainfall would occur at isolated places over **southwest Madhya Pradesh** during the next 24 hours.

Fishermen warning: Squally wind speed reaching 45-55 kmph would prevail along and off Gujarat & north Konkan coasts during next 48 hours. Sea condition would be rough to very rough along and off Gujarat & north Konkan coasts during the same period. Fishermen are advised not to venture into the sea along & off Gujarat & north Konkan coasts during the same period.

2) Depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal

The depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal remained practically stationary and lay centred at 1430 hrs IST of today, the 28 July 2015 near lat. 22.0⁰ N and long. 90.2⁰ E, close to Khepupara (Bangladesh). The system is likely to remain practically stationary and may concentrate into a deep depression during next 48 hours.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall would occur at isolated places over the **Gangetic West Bengal** during next 48 hours and heavy to very heavy at a few places during the subsequent 24 hours.

Rainfall at many places with heavy rainfall would occur at isolated places over **Odisha** during next 48 hours and heavy to very heavy rainfall at a few places during subsequent 24 hours.

Fishermen warning: Squally wind speed reaching 45-55 kmph would prevail along and off West Bengal & north Odisha coasts during next 72 hours. Sea condition would be rough to very rough over north Bay of Bengal during the same period. Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

The next bulletin will be issued at 2100 hrs IST of today, the 28 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

**(CHARAN SINGH)
SCIENTIST 'E', NWFC
Phone No. 011-24631913**



Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 09 (BOB 02/2015)

Time of issue: 2015 hours IST

Dated: 28.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
Administrator, Daman & Diu and DNH (FAX No.0260-2230775)

Subject: 1) Deep depression over southwest Rajasthan & adjoining Gujarat state and 2) Depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal

1) Deep depression over southwest Rajasthan & adjoining Gujarat state

The deep depression over southwest Rajasthan & adjoining Gujarat state remained over the same region and lay centered at 1730 hours IST of today, the 28 July 2015 near lat. 25.5⁰ N and long. 72.0⁰ E, about 70 km southeast of Barmer (Rajasthan). It would move slowly north-northwestwards and weaken gradually.

Heavy rainfall warning:

Rainfall would occur at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls over **Gujarat region, Daman, Dadra & Nagar Haveli and Saurashtra, Kutch & Diu** on 28 & 29 July; heavy to very heavy at a few places on 30 July and isolated heavy to very heavy on 31 July 2015 over the same region.

Rainfall would occur at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls over **south Rajasthan** during next 48 hours. Heavy to very heavy rainfall would occur at isolated places over **north Rajasthan** on 30 July 2015.

Rainfall at many places with heavy to very heavy rainfall would occur at isolated places over **southwest Madhya Pradesh** during the next 24 hours.

Fishermen warning: Squally wind speed reaching 45-55 kmph would prevail along and off Gujarat & north Konkan coasts during next 48 hours. Sea condition would be rough to very rough along and off Gujarat & north Konkan coasts during the same period. Fishermen are advised not to venture into the sea along & off Gujarat & north Konkan coasts during the same period.

2) Depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal

The depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal remained over the same area and lay centred at 1730 hrs IST of today, the 28 July 2015 near lat. 22.0⁰ N and long. 90.2⁰ E, close to Khepupara (Bangladesh). The system is likely to remain practically stationary and may concentrate into a deep depression during next 48 hours.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall would occur at isolated places over the **Gangetic West Bengal** during next 48 hours and heavy to very heavy at a few places during the subsequent 24 hours.

Rainfall at many places with heavy rainfall would occur at isolated places over **Odisha** during next 48 hours and heavy to very heavy rainfall at a few places during subsequent 24 hours.

Fishermen warning: Squally wind speed reaching 45-55 kmph would prevail along and off West Bengal & north Odisha coasts during next 72 hours. Sea condition would be rough to very rough over north Bay of Bengal during the same period. Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

The next bulletin will be issued at 0910 hrs IST of tomorrow, the 29 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

(CHARAN SINGH)
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Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 10 (BOB 02/2015)

Time of issue: 1000 hours IST

Dated: 29.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
Administrator, Daman & Diu and DNH (FAX No.0260-2230775)

Subject: 1) Deep depression over southwest Rajasthan & adjoining Gujarat state and 2) Deep depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh

1) Deep depression over southwest Rajasthan & adjoining Gujarat state

The deep depression over southwest Rajasthan & adjoining Gujarat state moved north-northeastwards during the past 12 hours and lay centered at 0530 hours IST of today, the 29 July 2015 near lat. 26.5⁰ N and long. 72.5⁰ E, about 180 km south-southwest of Bikaner (Rajasthan). It would move slowly north-northeastwards and weaken into a depression during next 12 hours.

Heavy rainfall warning:

Rainfall would occur at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls over **Gujarat region, Daman, Dadra & Nagar Haveli and Saurashtra, Kutch & Diu** on 29 July; heavy to very heavy at a few places on 30 July and isolated heavy to very heavy on 31 July 2015 over the same region.

Rainfall would occur at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy falls over **Rajasthan** on 29 and 30 July 2015 and heavy to very heavy rainfall would occur at isolated places on 31 July 2015.

Rainfall at many places with heavy to very heavy rainfall would occur at isolated places over **West Madhya Pradesh** during the next 24 hours.

Fishermen warning: Squally wind speed reaching 45-55 kmph would prevail along and off Gujarat & north Konkan coasts during next 24 hours. Sea condition would be rough to very rough along and off Gujarat & north Konkan coasts during the same period. Fishermen are advised not to venture into the sea along & off Gujarat & north Konkan coasts during the same period.

2) Deep Depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh

The depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh & West Bengal moved southeastwards concentrated into a deep depression and lay centred at 0530 hrs IST of today, the 29 July 2015 over northeast Bay of Bengal and adjoining coastal areas of Bangladesh near lat. 21.0⁰ N and long. 91.0⁰ E, 160 km southsouthwest of Chittagong (Bangladesh). The system would move nearly northwards and cross Bangladesh coast on 30th forenoon between longitude 90.5⁰E and 91.5⁰E.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall would occur at isolated places over the **Gangetic West Bengal** during next 48 hours and heavy to very heavy at a few places during the subsequent 24 hours.

Rainfall at many places with heavy rainfall would occur at isolated places over **Odisha** during next 48 hours and heavy to very heavy rainfall at a few places during subsequent 24 hours.

Fishermen warning: Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off West Bengal & north Odisha coasts during next 72 hours. Sea condition would be rough to very rough over north Bay of Bengal during the same period. Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

The next bulletin will be issued at 1230 hrs IST of tomorrow, the 29 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

(CHARAN SINGH)
SCIENTIST 'E', NWFC
Phone No.: 011-24631913



Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 11 (BOB 02/2015)

Time of issue: 1230 hours IST

Dated: 29.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
Administrator, Daman & Diu and DNH (FAX No.0260-2230775)

Subject: 1) Depression over West Rajasthan & neighbourhood and 2) Deep depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh

1) Depression over West Rajasthan & neighbourhood

The deep depression over southwest Rajasthan & adjoining Gujarat state moved north-northeastwards during the past 03 hours, weakened into a depression and lay centered at 0830 hours IST of today, the 29 July 2015 over West Rajasthan & neighbourhood near lat. 27.2⁰ N and long. 73.0⁰ E, about 50 km south-southwest of Bikaner (Rajasthan). It would move slowly north-northeastwards and weaken into a well-marked low pressure area during next 24 hours.

Heavy rainfall warning:

Rainfall would occur at most places with heavy to very heavy rainfall at a few places over **Gujarat region, Daman, Dadra & Nagar Haveli and Saurashtra, Kutch & Diu** on 29 July; heavy to very heavy at isolated places on 30 July and isolated heavy falls on 31 July 2015 over the same region.

Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over **Rajasthan** on 29 and 30 July 2015.

Rainfall at many places with heavy rainfall would occur at isolated places over **West Madhya Pradesh** during the next 48 hours.

Fishermen warning: Squally wind speed reaching 45-55 kmph would prevail along and off Gujarat & north Konkan coasts during next 24 hours. Sea condition would be rough to very rough along and off Gujarat & north Konkan coasts during the same period. Fishermen are advised not to venture into the sea along & off Gujarat & north Konkan coasts during the same period.

2) Deep Depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh

The deep depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh remained practically stationary and lay centred at 0830 hrs IST of today, the 29 July 2015 over northeast Bay of Bengal and adjoining coastal areas of Bangladesh near lat. 21.0⁰ N and long. 91.0⁰ E, 160 km south-southwest of Chittagong (Bangladesh) and about 300 km southeast of Kolkata. The system would move nearly northwards and cross Bangladesh coast between longitude 90.5⁰E and 91.5⁰E around 30th forenoon and it would move west-northwestwards thereafter.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall would occur at a few places over the **Gangetic West Bengal** on 29 July; heavy to very heavy falls at a few places with isolated extremely heavy falls on 30 July and heavy to very heavy falls at a few places on 31 July.

Rainfall at many places with heavy rainfall would occur at isolated places over **Odisha** on 29 & 30 July and heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July.

Fishermen warning: Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off West Bengal & north Odisha coasts during next 48 hours. Sea condition would be very rough over north Bay of Bengal during the same period. Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

The next bulletin will be issued at 2100 hrs IST of today, the 29 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

(CHARAN SINGH)
SCIENTIST 'E', NWFC
Phone No.: 011-24631913



Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 12 (BOB 02/2015)

Time of issue: 2000 hours IST

Dated: 29.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
Administrator, Daman & Diu and DNH (FAX No.0260-2230775)

Subject: 1) Depression over West Rajasthan & neighbourhood
2) Deep depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh

1) Depression over West Rajasthan & neighbourhood

The depression over West Rajasthan & neighbourhood moved north-northeastwards during past six hours and lay centered at 1730 hours IST of today, the 29 July 2015 over the same region near lat. 27.7⁰ N and long. 73.4⁰ E, about 30 km south-southeast of Bikaner (Rajasthan). It would continue to move north-northeastwards and weaken into a well-marked low pressure area during next 24 hours.

Heavy rainfall warning:

Rainfall would occur at most places with heavy to very heavy rainfall at a few places over **Gujarat region, Daman, Dadra & Nagar Haveli and Saurashtra, Kutch & Diu** on 29 July; heavy to very heavy at isolated places on 30 July and isolated heavy falls on 31 July 2015 over the same region.

Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over **Rajasthan** on 29 and 30 July 2015.

Rainfall at many places with heavy rainfall would occur at isolated places over **West Madhya Pradesh** during the next 48 hours.

2) Deep Depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh

The deep depression over northeast Bay of Bengal and adjoining coastal areas of Bangladesh moved northeastwards and lay centred at 1730 hrs IST of today, the 29 July 2015 over northeast Bay of Bengal and adjoining coastal areas of Bangladesh near lat. 21.5° N and long. 91.4° E, about 100 km south-southwest of Chittagong (Bangladesh) and about 340 km east-southeast of Kolkata. The system would move nearly northwards and cross Bangladesh coast between longitude 90.5° E and 91.5° E around 30th forenoon and it would move west-northwestwards thereafter.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall would occur at a few places over the **Gangetic West Bengal** on 29 July; heavy to very heavy falls at a few places with isolated extremely heavy falls on 30 July and heavy to very heavy falls at a few places on 31 July.

Rainfall at many places with heavy rainfall would occur at isolated places over **Odisha** on 29 & 30 July and heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July.

Fishermen warning: Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off West Bengal & north Odisha coasts during next 48 hours. Sea condition would be very rough over north Bay of Bengal during the same period. Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

The next bulletin will be issued at 0900 hrs IST of tomorrow, the 30 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

(Charan Singh)
Scientist 'E', NWFC
Phone No.: 011-24631913



Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 13 (BOB 02/2015)

Time of issue: 0900 hours IST

Dated: 30.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MIZORAM (FAX No. 0364-2225978)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
ADMINISTRATOR, DAMAN & DIU AND DNH (FAX No.0260-2230775)**

**Subject: 1) Cyclonic storm "KOMEN" over northeast Bay of Bengal and adjoining coastal areas of Bangladesh
2) Depression over West Rajasthan & neighbourhood**

1) Cyclonic storm "KOMEN" over northeast Bay of Bengal and adjoining coastal areas of Bangladesh

The deep depression over northeast Bay of Bengal moved northwestwards during past 9 hrs, intensified into a cyclonic storm 'Komen' and lay centred at 0000 UTC of today, the 30 July 2015 near latitude 21.7°N and longitude 91.2°E, 95 km south-southwest of chittagong (41977) and 300 km east-southeast of kolkatta(42907). The system would move north-northwestwards and cross Bangladesh coast between longitude 90.5°E and 91.0°E by afternoon of today, the 30th July 2015. After landfall, it would move west-northwestwards and weaken gradually.

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

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/0530	21.7/91.2	65-75 gusting to 85	Cyclonic Storm
30-07-2015/1130	22.0/91.0	70-80 gusting to 90	Cyclonic Storm
30-07-2015/1730	22.4/90.7	65-75 gusting to 85	Cyclonic Storm
30-07-2015/2330	22.7/90.4	55-65 gusting to 75	Deep Depression
31-07-2015/0530	23.0/89.8	45-55 gusting to 65	Depression
31-07-2015/1730	23.2/88.5	40-50 gusting to 60	Depression

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy at isolated places would occur over the **Gangetic West Bengal** on 30 & 31 July; heavy to very heavy falls at a few places on 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Odisha** on 30 and heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Mizoram, Tripura and south Assam** on 30 & 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off West Bengal & north Odisha coasts during next 48 hours.

Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Mizoram and Tripura commencing from today evening for next 24 hours and over Gangetic West Bengal from tomorrow morning.

Sea condition:

Sea condition would be high over north Bay of Bengal during the same period.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

2) Depression over West Rajasthan & neighbourhood

The depression over West Rajasthan & neighbourhood moved northwards during past 12 hours and lay centered at 0530 hours IST of today, the 30 July 2015 over the same region near lat. 28.7⁰ N and long. 73.4⁰ E, about 80 km north-northeast of Bikaner (Rajasthan). It would continue to move north-northeastwards and weaken into a well-marked low pressure area during next 24 hours.

Heavy rainfall warning:

Rainfall would occur at most places with heavy rainfall at isolated places over **Gujarat region, Daman, Dadra & Nagar Haveli and Saurashtra, Kutch & Diu** on 30 & 31 July.

Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over **Rajasthan** on 30 and 31 July 2015.

Rainfall at many places with isolated heavy rainfall would occur over **West Madhya Pradesh** during the next 48 hours.

The next bulletin will be issued at 1130 hrs IST of today, the 30 July 2015.

For more details, kindly visit: http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

**(M.MOHAPATRA)
HEAD, RSMC
Phone No.: 011-24631913**



Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 14 (BOB 02/2015)

Time of issue: 1130 hours IST

Dated: 30.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, ASSAM (FAX No.
ADMINISTRATOR, DAMAN & DIU AND DNH (FAX No.0260-2230775)**

**Subject: 1) Cyclonic storm "KOMEN" over northeast Bay of Bengal and adjoining coastal areas of Bangladesh
2) Depression weakened into a well marked low over West Rajasthan & neighbourhood**

1) Cyclonic storm "KOMEN" over northeast Bay of Bengal and adjoining coastal areas of Bangladesh

The cyclonic storm 'Komen' over northeast Bay of Bengal moved northward and lay centred at 0830 hrs IST of today, the 30 July 2015 over northeast Bay of Bengal near latitude 22.0°N and longitude 91.2°E, 80 km southwest of Chittagong (41977) and 300 km east-southeast of Kolkata (42907). The system would move north-northwestwards and cross Bangladesh coast around longitude 91.0°E by the afternoon of today, the 30th July 2015. After landfall, it would move west-northwestwards and weaken gradually.

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

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/0830	22.0/91.2	65-75 gusting to 85	Cyclonic Storm
30-07-2015/1130	22.0/91.0	70-80 gusting to 90	Cyclonic Storm
30-07-2015/1730	22.4/90.7	65-75 gusting to 85	Cyclonic Storm
30-07-2015/2330	22.7/90.4	55-65 gusting to 75	Deep Depression
31-07-2015/0530	23.0/89.8	45-55 gusting to 65	Depression
31-07-2015/1730	23.2/88.5	40-50 gusting to 60	Depression

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy at isolated places would occur over the **Gangetic West Bengal** on 30 & 31 July; heavy to very heavy falls at a few places on 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Odisha** on 30 and heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Mizoram, Tripura and south Assam** on 30 & 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off West Bengal & north Odisha coasts during next 48 hours.

Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Mizoram and Tripura commencing from today evening for next 24 hours and over Gangetic West Bengal from tomorrow morning.

Sea condition:

Sea condition would be high over north Bay of Bengal during the same period.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

2) Depression over West Rajasthan & neighbourhood weakened into well marked low pressure area

The depression over West Rajasthan & neighbourhood weakened into a well marked low pressure area over the same region at 0830 hours IST of today, the 30 July 2015.

Heavy rainfall warning:

Rainfall would occur at many places with isolated heavy rainfall over **Gujarat region, Daman, Dadra & Nagar Haveli and Saurashtra, Kutch & Diu** during next 48 hours.

Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over **Rajasthan** during next 24 hrs and isolated heavy rainfall during subsequent 24 hrs.

Rainfall at many places with isolated heavy rainfall would occur over **West Madhya Pradesh** during the next 48 hours.

The next bulletin will be issued at 1430 hrs IST of today, the 30 July 2015.

For more details, kindly visit: http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

**(M.MOHAPATRA)
HEAD, RSMC
Phone No.: 011-24631913**



Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 15 (BOB 02/2015)

Time of issue: 1530 hours IST

Dated: 30.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)
ADMINISTRATOR, DAMAN & DIU AND DNH (FAX No.0260-2230775)**

**Subject: 1) Cyclonic storm "KOMEN" over northeast Bay of Bengal and adjoining coastal areas of Bangladesh
2) Well marked low over West Rajasthan & neighbourhood**

1) Cyclonic storm "KOMEN" over northeast Bay of Bengal and adjoining coastal areas of Bangladesh

The cyclonic storm 'Komen' over northeast Bay of Bengal moved northward and lay centred at 1130 hrs IST of today, the 30 July 2015 over northeast Bay of Bengal near latitude 22.2^oN and longitude 91.2^oE, 35 km south-southwest of Hatia (41963), 70 km southwest of Chittagong (41977) and 95 km east of Khepupara (41984). The system would move north-northwestwards and cross Bangladesh coast near 91.0^oE within a few hours of today, the 30th July 2015. After landfall, it would move west-northwestwards and weaken gradually.

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

Date/Time(IST)	Position (Lat. ^o N/ long. ^o E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/1130	22.2/91.2	70-80 gusting to 90	Cyclonic Storm
30-07-2015/1730	22.7/91.2	65-75 gusting to 85	Cyclonic Storm
30-07-2015/2330	23.0/90.9	55-65 gusting to 75	Deep Depression
31-07-2015/0530	23.2/89.9	45-55 gusting to 65	Depression
31-07-2015/1730	23.4/88.8	40-50 gusting to 60	Depression

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy at isolated places would occur over the **Gangetic West Bengal** on 30 & 31 July; heavy to very heavy falls at a few places on 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Odisha** on 30 and heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Mizoram, Tripura, Meghalaya and south Assam** on 30 & 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off West Bengal & north Odisha coasts during next 48 hours.

Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Mizoram and Tripura commencing from today evening for next 24 hours and over Gangetic West Bengal from tomorrow morning.

Sea condition:

Sea condition would be high over north Bay of Bengal during the same period.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

2) Well marked low pressure area over West Rajasthan & neighbourhood

The well marked low pressure area over West Rajasthan & neighbourhood persisted over the same region at 1130 hours IST of today, the 30 July 2015.

Heavy rainfall warning:

Rainfall would occur at many places with isolated heavy rainfall over **Gujarat region, Daman, Dadra & Nagar Haveli and Saurashtra, Kutch & Diu** during next 48 hours.

Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over **Rajasthan** during next 24 hrs and isolated heavy rainfall during subsequent 24 hrs.

Rainfall at many places with isolated heavy rainfall would occur over **West Madhya Pradesh** during the next 48 hours.

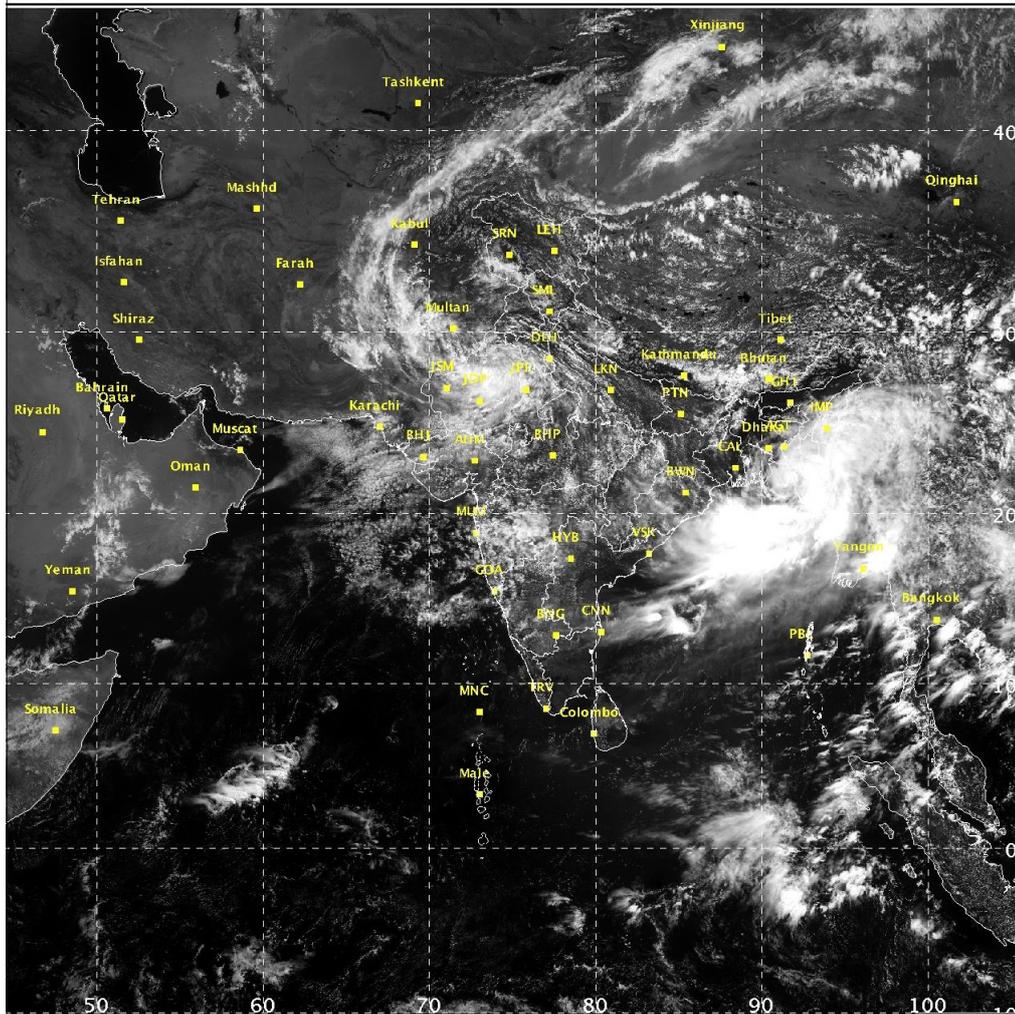
The next bulletin will be issued at 1730 hrs IST of today, the 30 July 2015.

For more details, kindly visit: http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

**(M.MOHAPATRA)
HEAD, RSMC
Phone No.: 011-24631913**

SAT :INSAT-3D IMG
IMG_VIS 0.65 um
LIC Mercator
LINEAR Stretch: 1.0%

30-07-2015/06:00 GMT
30-07-2015/11:30 IST



IMD/Delhi



Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 16 (BOB 02/2015)

Time of issue: 1730 hours IST

Dated: 30.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX No.0141-2227114)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)
ADMINISTRATOR, DAMAN & DIU AND DNH (FAX No.0260-2230775)**

**Subject: 1) Cyclonic storm "KOMEN" over northeast Bay of Bengal and adjoining coastal areas of Bangladesh
2) Well marked low over West Rajasthan & neighbourhood**

1) Cyclonic storm "KOMEN" over northeast Bay of Bengal and adjoining coastal areas of Bangladesh

The cyclonic storm 'Komen' over northeast Bay of Bengal moved northeastward and lay centred at 1430 hrs IST of today, the 30 July 2015 over northeast Bay of Bengal close to Bangladesh coast near latitude 22.3^oN and longitude 91.5^oE, 35 km southwest of Chittagong (41977). The system would move nearly northwards and cross Bangladesh coast close to Chittagong within a few hours of today, the 30th July 2015. After landfall, it would move initially northwestwards and then west-northwestwards and weaken gradually.

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

Date/Time(IST)	Position (Lat. ^o N/ long. ^o E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/1430	22.3/91.5	70-80 gusting to 90	Cyclonic Storm
30-07-2015/1730	22.7/91.7	65-75 gusting to 85	Cyclonic Storm
30-07-2015/2330	23.0/90.5	55-65 gusting to 75	Deep Depression
31-07-2015/0530	23.2/89.7	45-55 gusting to 65	Depression
31-07-2015/1730	23.4/88.5	40-50 gusting to 60	Depression

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy at isolated places would occur over the **Gangetic West Bengal** on 30 & 31 July; heavy to very heavy falls at a few places on 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Odisha** on 30 and heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Mizoram, Tripura, Meghalaya and south Assam** on 30 & 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off West Bengal & north Odisha coasts during next 48 hours.

Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Mizoram and Tripura commencing from today evening for next 24 hours and over Gangetic West Bengal from tomorrow morning.

Sea condition:

Sea condition would be high over north Bay of Bengal during the same period.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

2) Well marked low pressure area over West Rajasthan & neighbourhood

The well marked low pressure area over West Rajasthan & neighbourhood persisted over the same region at 1130 hours IST of today, the 30 July 2015.

Heavy rainfall warning:

Rainfall would occur at many places with isolated heavy rainfall over **Gujarat region, Daman, Dadra & Nagar Haveli and Saurashtra, Kutch & Diu** during next 48 hours.

Rainfall would occur at most places with heavy to very heavy rainfall at isolated places over **Rajasthan** during next 24 hrs and isolated heavy rainfall during subsequent 24 hrs.

Rainfall at many places with isolated heavy rainfall would occur over **West Madhya Pradesh** during the next 48 hours.

The next bulletin will be issued at 2030 hrs IST of today, the 30 July 2015.

For more details, kindly visit: http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

**(M.MOHAPATRA)
HEAD, RSMC
Phone No.: 011-24631913**



**Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department**

FAX MESSAGE

Bulletin No.: 17 (BOB 02/2015)

Time of issue: 2000 hours IST

Dated: 30.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)**

Subject: Cyclonic storm "KOMEN" over northeast Bay of Bengal

The cyclonic storm 'Komen' over northeast Bay of Bengal moved northwestward and lay centred at 1730 hrs IST of today, the 30 July 2015 close to Bangladesh coast near latitude 22.4°N and longitude 91.3°E, about 20 km east of Hatia (41963). The cyclonic storm is in the process of crossing Bangladesh coast between Hatia and Sandwip (41964) as the northern part of the cloud band already lies over land. The entire process of landfall would take a few hours. After landfall, it would move initially northwestwards and then west-northwestwards and weaken gradually.

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

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/1730	22.4/91.3	70-80 gusting to 90	Cyclonic Storm
30-07-2015/2330	22.8/91.2	65-75 gusting to 85	Cyclonic Storm
31-07-2015/0530	23.1/91.0	55-65 gusting to 75	Deep Depression
31-07-2015/1130	23.3/90.5	55-65 gusting to 75	Deep Depression
31-07-2015/1730	23.4/89.7	40-50 gusting to 60	Depression
01-08-2015/0530	23.5/88.5	40-50 gusting to 60	Depression

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy at isolated places would occur over the **Gangetic West Bengal** on 30 & 31 July; heavy to very heavy falls at a few places on 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Odisha** on 30 and heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Mizoram, Tripura, Meghalaya and south Assam** on 30 & 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off West Bengal & north Odisha coasts during next 48 hours.

Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Mizoram and Tripura commencing from today evening for next 24 hours and over Gangetic West Bengal from tomorrow morning.

Sea condition:

Sea condition would be high over north Bay of Bengal during the same period.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

The next bulletin will be issued at 2330 hrs IST of today, the 30 July 2015.

For more details, kindly visit:

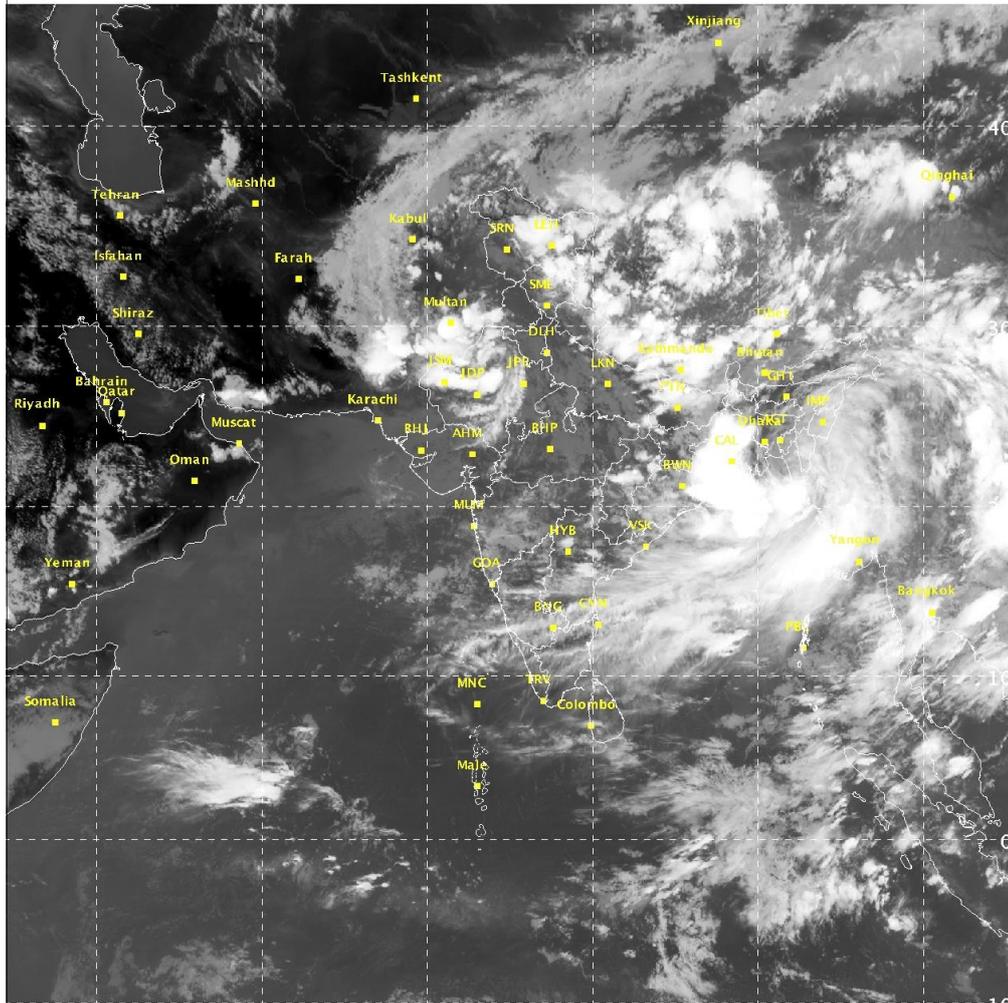
http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

<http://www.rsmcnewdelhi.imd.gov.in/>

**(M.MOHAPATRA)
HEAD, RSMC
Phone No.: 011-24631913**

SAT :INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator (LINEAR STRETCH: 1.0%)

30-07-2015/12:00 GMT
30-07-2015/17:30 IST



384

905

IMD/Delhi



Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 18 (BOB 02/2015)

Time of issue: 2230 hours IST

Dated: 30.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)**

Subject: Cyclonic storm "KOMEN" over northeast Bay of Bengal

The cyclonic storm 'Komen' over northeast Bay of Bengal moved northward crossed Bangladesh coast between Hatia and Sandwip between 19:30 and 20:30 IST and lay centred at 2030 hrs IST of today, the 30 July 2015 over Bangladesh coast near latitude 22.5°N and longitude 91.3°E, about 25 km east of Hatia (41963). It would move nearly northward for some time and then northwestwards and west-northwestwards . It would weaken into Deep Depression during next 12 hours.

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

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/2030	22.5/91.3	70-80 gusting to 90	Cyclonic Storm
30-07-2015/2330	22.8/91.2	65-75 gusting to 85	Cyclonic Storm
31-07-2015/0530	23.1/91.0	55-65 gusting to 75	Deep Depression
31-07-2015/1130	23.3/90.5	55-65 gusting to 75	Deep Depression
31-07-2015/1730	23.4/89.7	40-50 gusting to 60	Depression
01-08-2015/0530	23.5/88.5	40-50 gusting to 60	Depression

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy at isolated places would occur over the **Gangetic West Bengal** on 30 & 31 July; heavy to very heavy falls at a few places on 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Odisha** on 30 and heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Mizoram, Tripura, Meghalaya and south Assam** on 30 & 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off West Bengal & north Odisha coasts during next 48 hours.

Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Mizoram and Tripura commencing from today evening for next 24 hours and over Gangetic West Bengal from tomorrow morning.

Sea condition:

Sea condition would be high over north Bay of Bengal during the same period.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during the same period.

The next bulletin will be issued at 0230 hrs IST of today, the 31 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

<http://www.rsmcnewdelhi.imd.gov.in/>

**(M.MOHAPATRA)
HEAD, RSMC
Phone No.: 011-24631913**

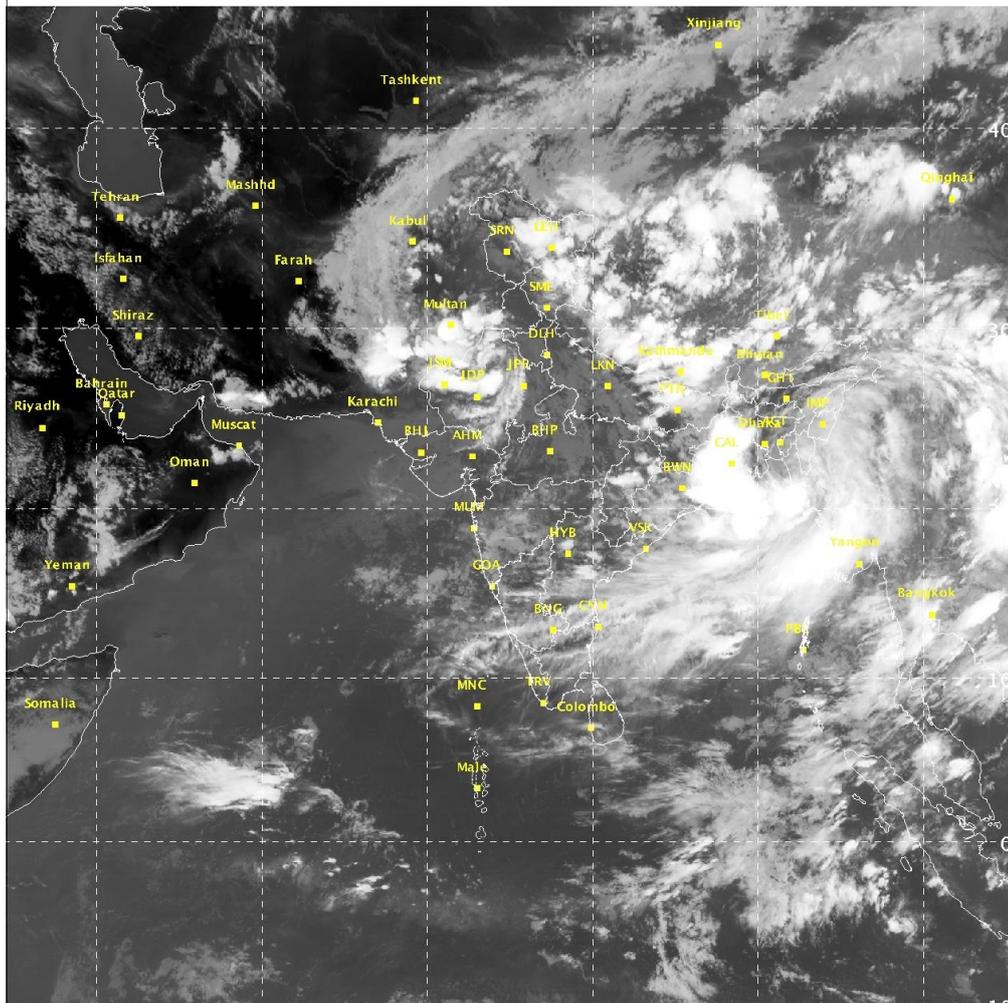
SAT :INSAT-3D IMG

30-07-2015/12:00 GMT

IMG_TIR1 10.8 um

30-07-2015/17:30 IST

L1C Mercator (LINEAR STRETCH: 1.0%)



384

905

IMD/Delhi



**Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department**

FAX MESSAGE

Bulletin No.: 19 (BOB 02/2015)

Time of issue: 0230 hours IST

Dated: 31.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)**

Subject: Cyclonic storm "KOMEN" over northeast Bay of Bengal

THE CYCLONIC STORM 'KOMEN' OVER BANGLADESH COAST MOVED NORTHWARDS, AND LAY CENTRED AT 2330 HRS IST OF TODAY, THE 30 JULY 2015 NEAR LATITUDE 22.7°N AND LONGITUDE 91.3°E, ABOUT 25 KM EAST-NORTHEAST OF SANDIP. IT WOULD MOVE NEARLY NORTHWARD FOR SOME TIME AND THEN WEST-NORTHWESTWARDS . IT WOULD WEAKEN INTO DEEP DEPRESSION DURING NEXT 12 HOURS.

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

Date/Time(HRS IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/2330	22.7/91.3	60-70 gusting to 80	Cyclonic Storm
31-07-2015/0530	23.1/91.0	55-65 gusting to 75	Deep Depression
31-07-2015/1130	23.3/90.5	55-65 gusting to 75	Deep Depression
31-07-2015/1730	23.4/89.8	40-50 gusting to 60	Depression
31-07-2015/2330	23.4/89.1	35-45 gusting to 55	Depression
01-08-2015/1130	23.5/88.0	25-35 gusting to 45	Well marked low pressure area

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy at isolated places would occur over the **Gangetic West Bengal** on 31 July; heavy to very heavy falls at a few places on 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Odisha** and heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Mizoram, Tripura, Meghalaya and south Assam** on 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off West Bengal & north Odisha coasts during next 24 hours.

Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Mizoram and Tripura during next 24 hours and over Gangetic West Bengal during next 24 hours commencing from 31 July morning.

Sea condition:

Sea condition would be high over north Bay of Bengal during next 24 hours.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during next 24 hours.

The next bulletin will be issued at 0530 hrs IST of today, the 31 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

<http://www.rsmcnewdelhi.imd.gov.in/>

(DUTY OFFICER)
RSMC
Phone No.: 011-24631913



**Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department**

FAX MESSAGE

Bulletin No.: 20 (BOB 02/2015)

Time of issue: 0530 hours IST

Dated: 31.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)**

Subject: Cyclonic storm "KOMEN" weakened into a Deep Depression

The cyclonic storm 'KOMEN' over Bangladesh moved nearly northwards, weakened into a Deep Depression and lay centred at 0230 hrs IST of today, the 31 July 2015 over Bangladesh near latitude 23.0° N and longitude 91.2° E, closed to Majdicourt . It would move nearly northward for some more time and then west-northwestwards . It would weaken into a Depression during next 24 hours.

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

Date/Time(HRS IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
31-07-2015/0230	23.0/91.2	55-65 gusting to 75	Deep Depression
31-07-2015/0530	23.2/91.0	50-60 gusting to 70	Deep Depression
31-07-2015/1130	23.3/90.8	50-60 gusting to 70	Deep Depression
31-07-2015/1730	23.4/90.3	45-55 gusting to 65	Depression
31-07-2015/2330	23.5/89.8	40-50 gusting to 60	Depression
01-08-2015/0530	23.5/89.0	35-45 gusting to 55	Depression

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy at isolated places would occur over the **Gangetic West Bengal** on 31 July; heavy to very heavy falls at a few places on 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Odisha** and heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Mizoram, Tripura, Meghalaya and south Assam** on 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off West Bengal & north Odisha coasts during next 24 hours.

Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Mizoram and Tripura during next 12 hours and over Gangetic West Bengal during next 24 hours.

Sea condition:

Sea condition would be rough to very rough over north Bay of Bengal during next 24 hours.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during next 24 hours.

The next bulletin will be issued at 0830 hrs IST of today, the 31 July 2015.

For more details, kindly visit:

http://www.imd.gov.in/section/nhac/dynamic/ALLINDIA_MAIN.HTM

<http://www.rsmcnewdelhi.imd.gov.in/>

(M. Mohapatra)
Head RSMC
Phone No.: 011-24631913



Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 21 (BOB 02/2015)

Time of issue: 0900 hours IST

Dated: 31.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, SIKKIM (FAX No.03592-205577, 204323)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)**

Subject: Cyclonic storm "KOMEN" weakened into a Deep Depression

The deep depression over Bangladesh moved west-northwestwards and lay centred at 0530 hrs IST of today, the 31 July 2015 over Bangladesh near latitude 23.1° N and longitude 90.0° E, about 85 km east-southeast of Jessore (Bangladesh). It would move west-northwestwards and weaken into a depression during next 24 hours.

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

Date/Time(HRS IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
31-07-2015/0530	23.1/90.0	55-65 gusting to 75	Deep Depression
31-07-2015/1130	23.2/89.5	50-60 gusting to 70	Deep Depression
31-07-2015/1730	23.3/89.0	50-60 gusting to 70	Deep Depression
31-07-2015/2330	23.4/88.3	40-50 gusting to 60	Depression
01-08-2015/0530	23.5/87.8	35-45 gusting to 55	Depression

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy at isolated places would occur over the **Gangetic West Bengal** on 31 July; heavy to very heavy falls at a few places on 01 August.

Heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August would occur over **north Odisha** and isolated heavy to very heavy rainfall over **south Odisha** during same period.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **sub-Himalayan West Bengal, Sikkim, Mizoram, Tripura, Meghalaya and south Assam** on 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off West Bengal & north Odisha coasts during next 24 hours.

Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Mizoram and Tripura during next 12 hours and over Gangetic West Bengal during next 24 hours.

Sea condition:

Sea condition would be rough to very rough over north Bay of Bengal during next 24 hours.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during next 24 hours.

The next bulletin will be issued at 1130 hrs IST of today, the 31 July 2015.

For more details, kindly visit: <http://www.rsmcnewdelhi.imd.gov.in/>

**(M. Mohapatra)
Head RSMC
Phone No.: 011-24631913**

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Bhubaneswar/RMC Guwahati/ MC Agatala/ MC Ranchi/ MC Gangtok.



Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 22 (BOB 02/2015) (modified)

Time of issue: 1100 hours IST

Dated: 31.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, SIKKIM (FAX No.03592-205577, 204323)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)

Subject: Deep Depression over Bangladesh

The deep depression over Bangladesh remained practically stationary during past 3 hours and lay centred at 0830 hrs IST of today, the 31 July 2015 over Bangladesh near latitude 23.1° N and longitude 90.0° E, about 85 km east-southeast of Jessore (Bangladesh). It would move west-northwestwards and weaken gradually.

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

Date/Time(HRS IST)	Position (Lat. $^{\circ}$ N/ long. $^{\circ}$ E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
31-07-2015/0830	23.1/90.0	55-65 gusting to 75	Deep Depression
31-07-2015/1130	23.2/89.5	50-60 gusting to 70	Deep Depression
31-07-2015/1730	23.3/89.0	50-60 gusting to 70	Deep Depression
31-07-2015/2330	23.4/88.3	40-50 gusting to 60	Depression
01-08-2015/0530	23.5/87.8	35-45 gusting to 55	Depression

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places over the **Gangetic West Bengal** on 31 July and 01 August.

Heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August would occur over **north Odisha** and isolated heavy to very heavy rainfall over **south Odisha** during same period.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **sub-Himalayan West Bengal, Sikkim, Mizoram, Tripura, Meghalaya and south Assam** on 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off West Bengal & north Odisha coasts during next 24 hours.

Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Mizoram and Tripura during next 12 hours and over Gangetic West Bengal during next 24 hours.

Sea condition:

Sea condition would be rough to very rough over north Bay of Bengal during next 24 hours.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during next 24 hours.

The next bulletin will be issued at 2030 hrs IST of today, the 31 July 2015.

For more details, kindly visit: <http://www.rsmcnewdelhi.imd.gov.in/>

**(M. Mohapatra)
Head RSMC
Phone No.: 011-24631913**

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Bhubaneswar/RMC Guwahati/ MC Agatala/ MC Ranchi/ MC Gangtok.

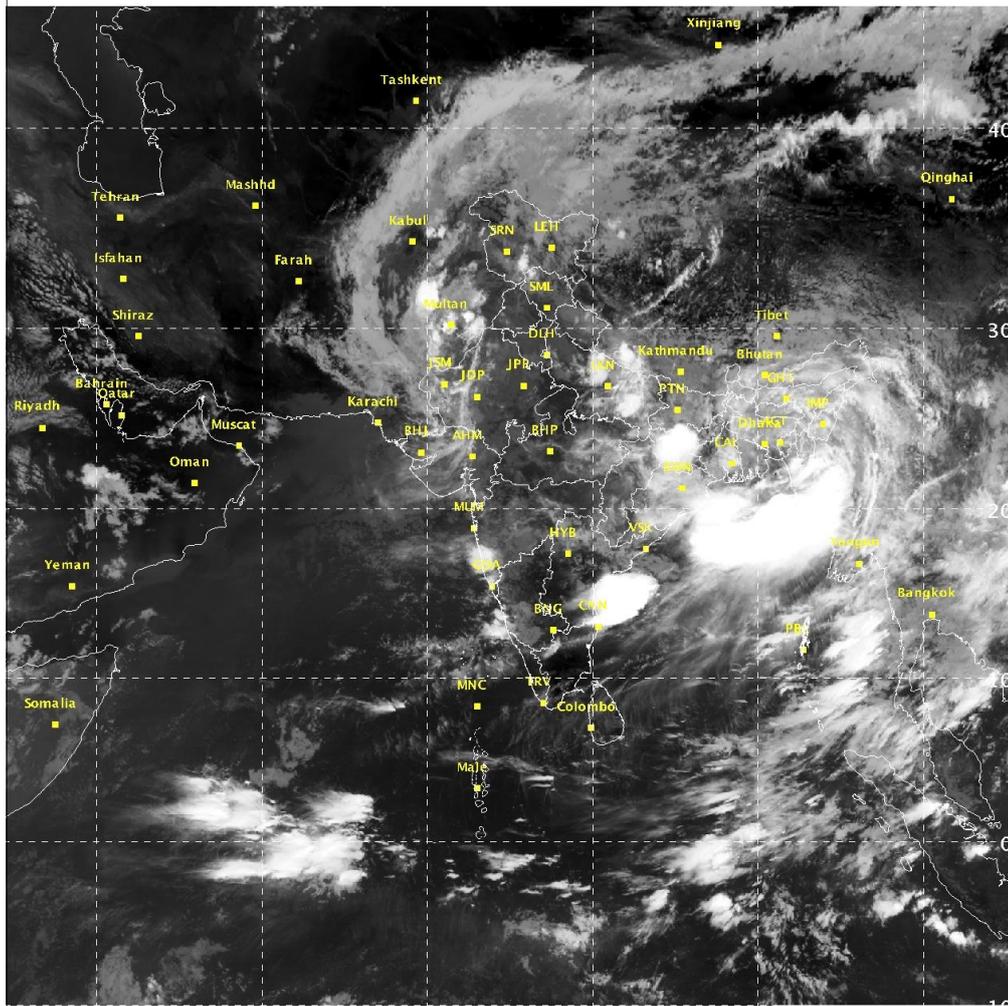
SAT :INSAT-3D IMG

31-07-2015/03:00 GMT

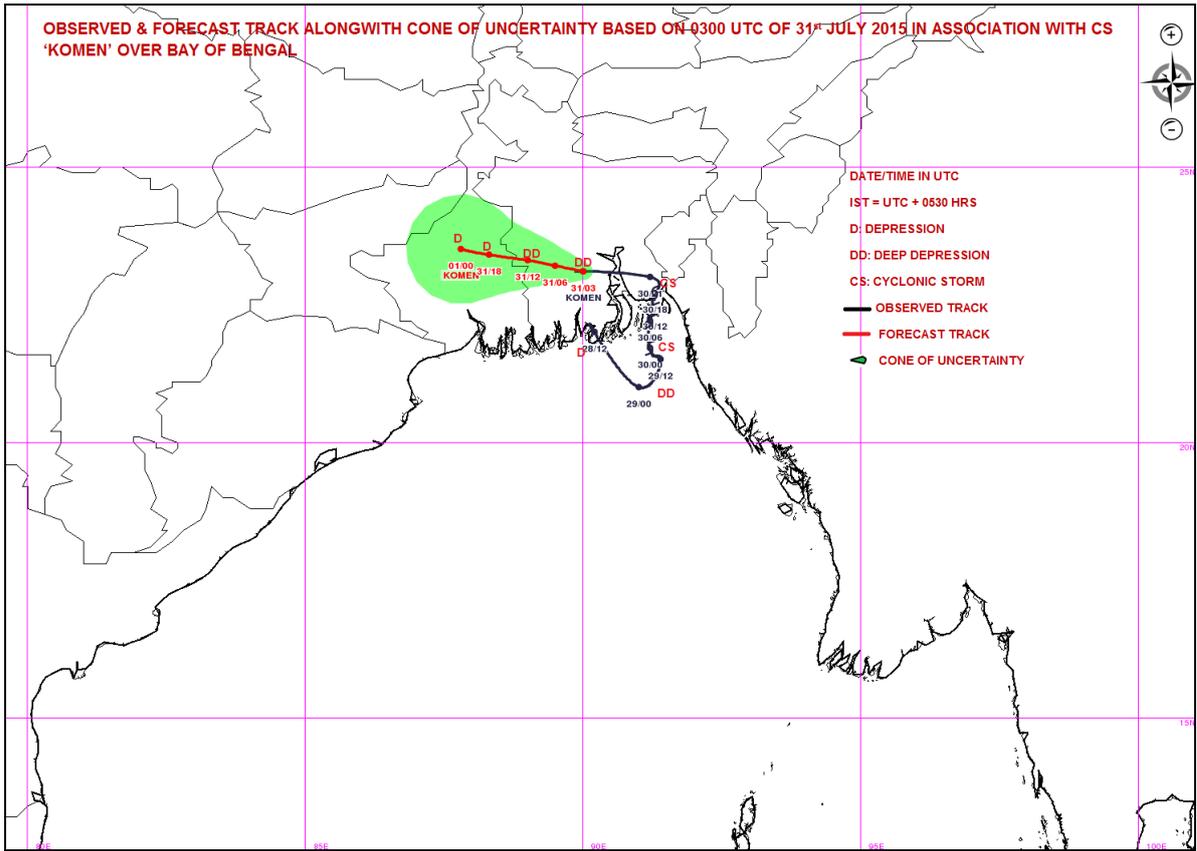
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31-07-2015/08:30 IST

L1C Mercator (LINEAR STRETCH: 1.0%)



IMD/Delhi





Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 23 (BOB 02/2015)

Time of issue: 1730 hours IST

Dated: 31.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, SIKKIM (FAX No.03592-205577, 204323)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)**

Subject: Deep Depression over Bangladesh weakened into a Depression

The deep depression over Bangladesh moved westwards, weakened into a depression and lay centred at 1430 hrs IST of today, the 31 July 2015 over Bangladesh near latitude 23.1⁰ N and longitude 89.8⁰ E, about 70 km east-southeast of Jessore (Bangladesh). It would move west-northwestwards and further weaken into a well marked low during the next 24 hours.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places over the **Gangetic West Bengal** on 31 July and 01 August.

Heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August would occur over **north Odisha** and isolated heavy to very heavy rainfall over **south Odisha** during same period.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **sub-Himalayan West Bengal, Sikkim, Mizoram, Tripura, Meghalaya and south Assam** on 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Wind warning :

Squally wind speed reaching 35-45 kmph gusting to 55 kmph would prevail along and off West Bengal & north Odisha coasts during next 24 hours.

Strong wind speed reaching 30-40 kmph gusting to 50 kmph would prevail over Mizoram, Tripura and Gangetic West Bengal during next 12 hours.

Sea condition:

Sea condition would be rough to very rough over north Bay of Bengal during next 12 hours.

Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during next 12 hours.

The next bulletin will be issued at 2030 hrs IST of today, the 31 July 2015.

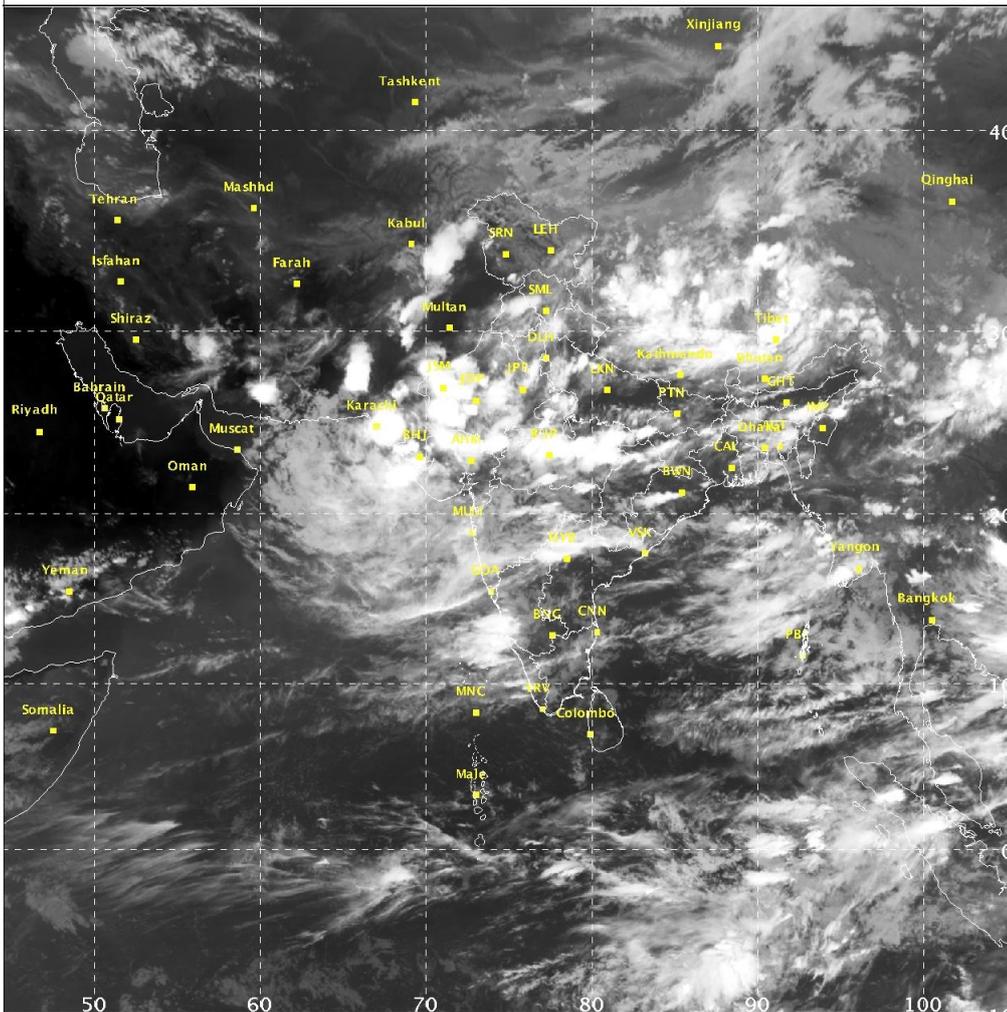
For more details, kindly visit: <http://www.rsmcnewdelhi.imd.gov.in/>

**(M. Mohapatra)
Head RSMC
Phone No.: 011-24631913**

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Bhubaneswar/RMC Guwahati/ MC Agatala/ MC Ranchi/ MC Gangtok.

SAT :INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator
LINEAR Stretch: 1.0%

31-07-2014/14:30 GMT
31-07-2014/20:00 IST





Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 24 (BOB 02/2015)

Time of issue: 2030 hours IST

Dated: 31.07.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, SIKKIM (FAX No.03592-205577, 204323)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)
CHIEF SECRETARY, CHATTISGARH (FAX No. 0771-2221206)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)

Subject: Depression over Bangladesh

The depression over Bangladesh moved west-northwestwards, and lay centred at 1730 hrs IST of today, the 31 July 2015 over Bangladesh near latitude 23.2° N and longitude 89.5° E, about 35 km east of Jessore (Bangladesh). It would move west-northwestwards and further weaken into a well marked low during the next 24 hours.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places over the **Gangetic West Bengal** on 31 July and 01 August.

Heavy to very heavy rainfall at a few places with isolated extremely heavy falls on 31 July & 01 August would occur over **north Odisha** and isolated heavy to very heavy rainfall over **south Odisha** during same period.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **sub-Himalayan West Bengal, Sikkim, Mizoram, Tripura, Meghalaya and south Assam** on 31 July.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand** on 31 July & 01 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **north Chhattisgarh, east Madhya Pradesh** on 01 August and heavy to very heavy rainfall at few places on 02 and 03 August.

Wind warning :

Squally wind speed reaching 35-45 kmph gusting to 55 kmph would prevail along and off West Bengal & north Odisha coasts during next 24 hours.

Strong wind speed reaching 30-40 kmph gusting to 50 kmph would prevail over Mizoram, Tripura and Gangetic West Bengal during next 12 hours.

Sea condition:

Sea condition would be rough to very rough over north Bay of Bengal during next 12 hours.

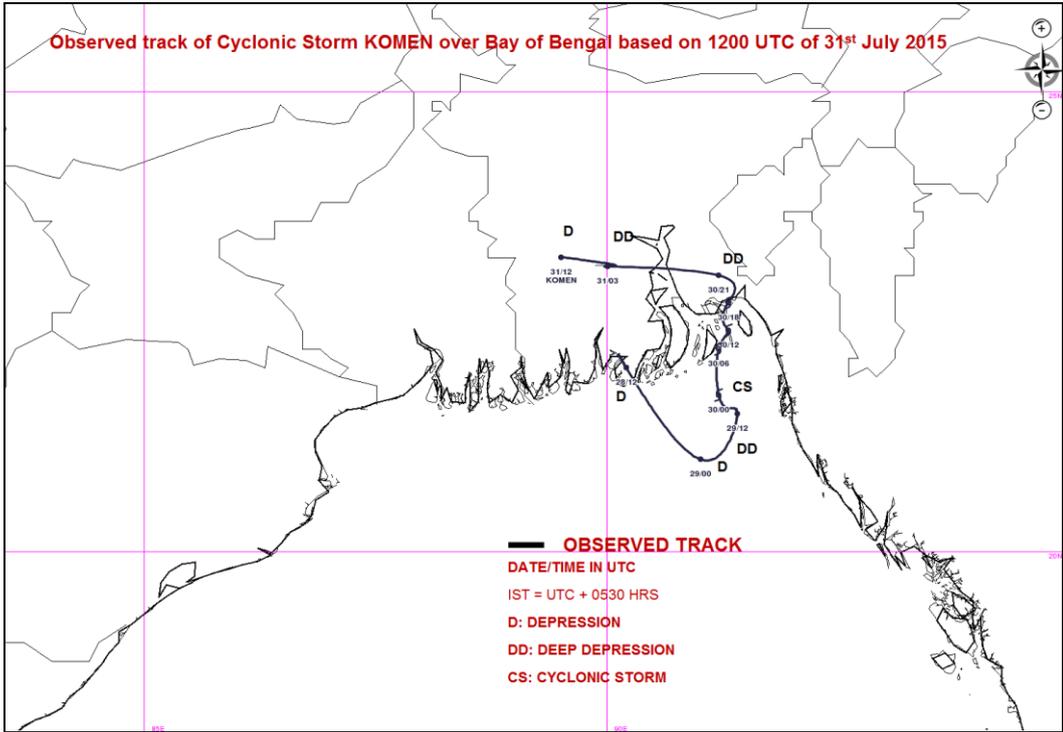
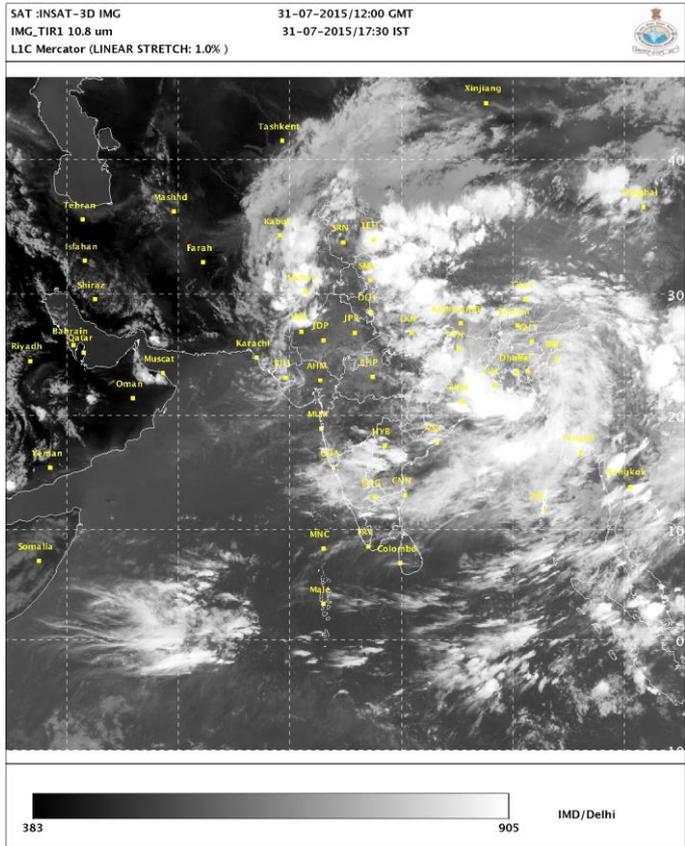
Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during next 12 hours.

The next bulletin will be issued at 0830 hrs IST of 01 Aug 2015.

For more details, kindly visit: <http://www.rsmcnewdelhi.imd.gov.in/>

**(M. Mohapatra)
Head RSMC
Phone No.: 011-24631913**

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Bhubaneswar/RMC Guwahati/ MC Agatala/ MC Ranchi/ MC Gangtok.





Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 25 (BOB 02/2015)

Time of issue: 0830 hours IST

Dated: 01.08.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, SIKKIM (FAX No.03592-205577, 204323)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)
CHIEF SECRETARY, CHATTISGARH (FAX No. 0771-2221206)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)**

Subject: Depression over Bangladesh

The depression over Bangladesh moved westwards, and lay centred at 0530 hrs IST of today, the 01 August 2015 over Bangladesh near latitude 23.2° N and longitude 89.2° E, close to Jessore (Bangladesh). It would move west-northwestwards and further weaken into a well marked low pressure area gradually.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places would occur over the **Gangetic West Bengal during next 24 hrs.**

Rainfall at most places with heavy to very heavy rainfall at a few places with isolated extremely heavy falls would occur over **north Odisha** and **Jharkhand** during next 24 hrs and isolated heavy to very heavy rainfall in subsequent 24 hrs. Isolated heavy to very heavy rainfall would occur over **south Odisha** during same period.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **north Chhattisgarh and east Madhya Pradesh** on 01 August and heavy to very heavy rainfall

at few places with isolated extremely heavy falls on 02 August over **north Chhattisgarh** and on 03 August over **east Madhya Pradesh**.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **sub-Himalayan West Bengal, Sikkim, Mizoram, Tripura, Meghalaya and south Assam** during next 24 hrs.

Wind warning :

Squally wind speed reaching 35-45 kmph gusting to 55 kmph would prevail along and off West Bengal & north Odisha coasts during next 24 hours.

Strong wind speed reaching 30-40 kmph gusting to 50 kmph would prevail over Gangetic West Bengal during next 12 hours.

Sea condition:

Sea condition would be rough over north Bay of Bengal during next 12 hours.

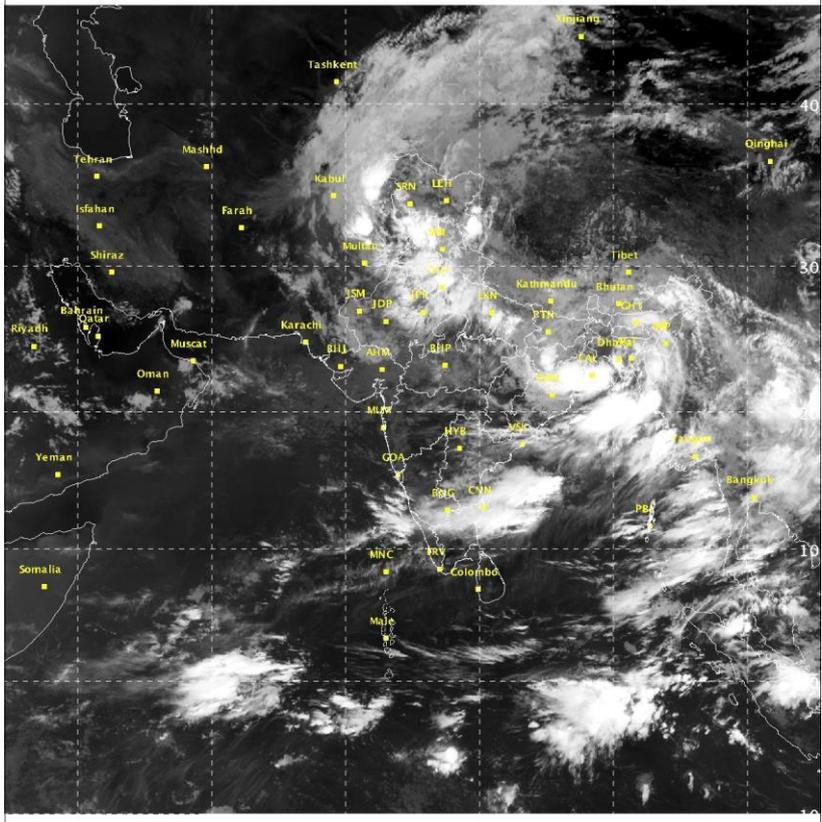
Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during next 12 hours.

The next bulletin will be issued at 1130 hrs IST of 01 Aug 2015.

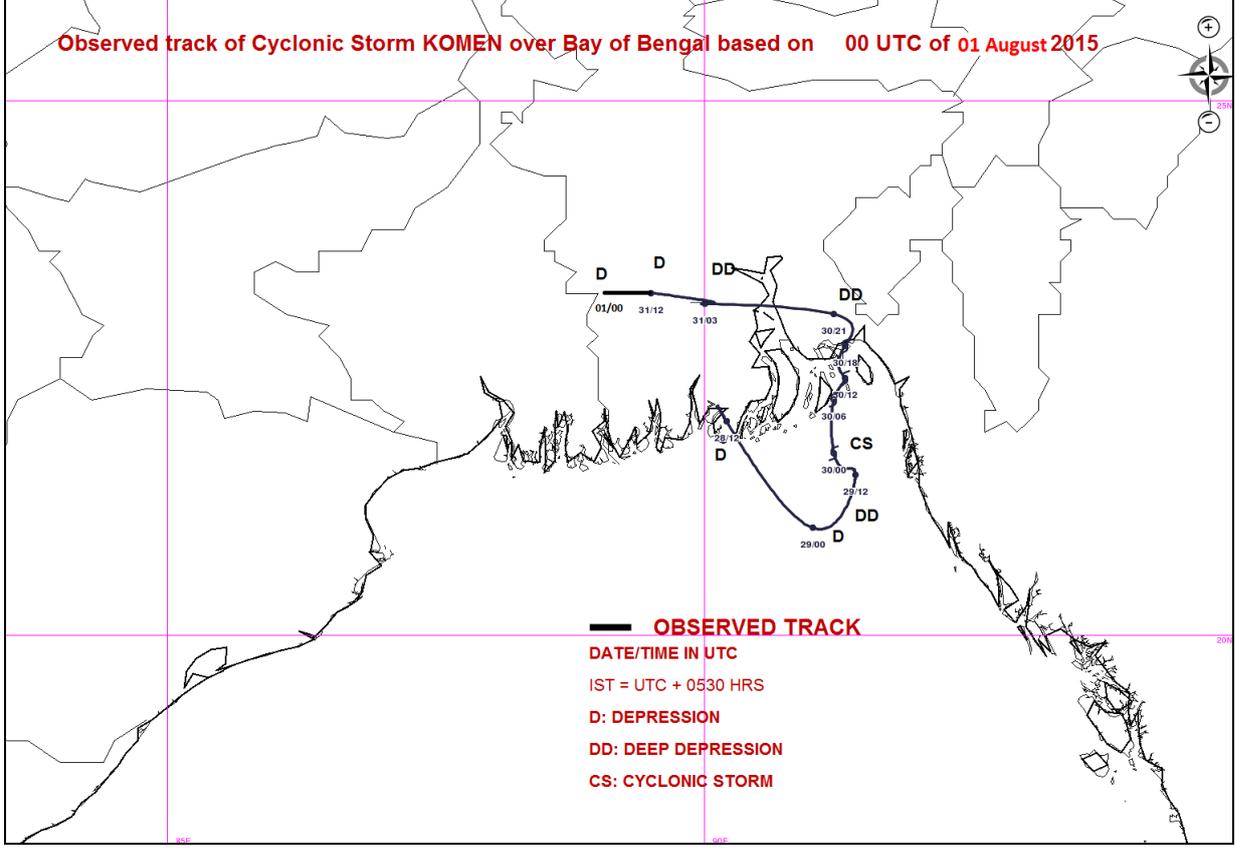
For more details, kindly visit: <http://www.rsmcnewdelhi.imd.gov.in/>

**(M. Mohapatra)
Head RSMC
Phone No.: 011-24631913**

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Bhubaneswar/RMC Guwahati/ MC Agatala/ MC Ranchi/ MC Gangtok.



484 888 IMD/Delhi





Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 26 (BOB 02/2015)

Time of issue: 1130 hours IST

Dated: 01.08.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, SIKKIM (FAX No.03592-205577, 204323)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)
CHIEF SECRETARY, CHATTISGARH (FAX No. 0771-2221206)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)

Subject: Depression over Bangladesh

The depression over Bangladesh remained practically stationary during past 3 hours and lay centred at 0830 hrs IST of today, the 01 August 2015 over Bangladesh near latitude 23.2° N and longitude 89.2° E, close to Jessore (Bangladesh). It would move west-northwestwards and further weaken into a well marked low pressure area gradually.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places would occur over the **Gangetic West Bengal** during next 24 hrs and isolated heavy to very heavy rainfall thereafter.

Rainfall at most places with heavy to very heavy rainfall at a few places with isolated extremely heavy falls would occur over **north Odisha** and **Jharkhand** during next 24 hrs and heavy to very heavy rainfall at a few places over **north Odisha** and isolated heavy to very heavy rainfall over **Jharkhand** in subsequent 24 hrs. Isolated heavy to very heavy rainfall would occur over **south Odisha** during same period.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **north Chhattisgarh** and **east Madhya Pradesh** on 01 August and heavy to very heavy rainfall

at few places with isolated extremely heavy falls on 02 August over **north Chhattisgarh** and on 03 August over **east Madhya Pradesh**.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **sub-Himalayan West Bengal, Sikkim, Mizoram, Tripura, Meghalaya and south Assam** during next 24 hrs.

Wind warning :

Squally wind speed reaching 35-45 kmph gusting to 55 kmph would prevail along and off West Bengal & north Odisha coasts during next 24 hours.

Strong wind speed reaching 30-40 kmph gusting to 50 kmph would prevail over Gangetic West Bengal during next 24 hours.

Sea condition:

Sea condition would be rough over north Bay of Bengal during next 24 hours.

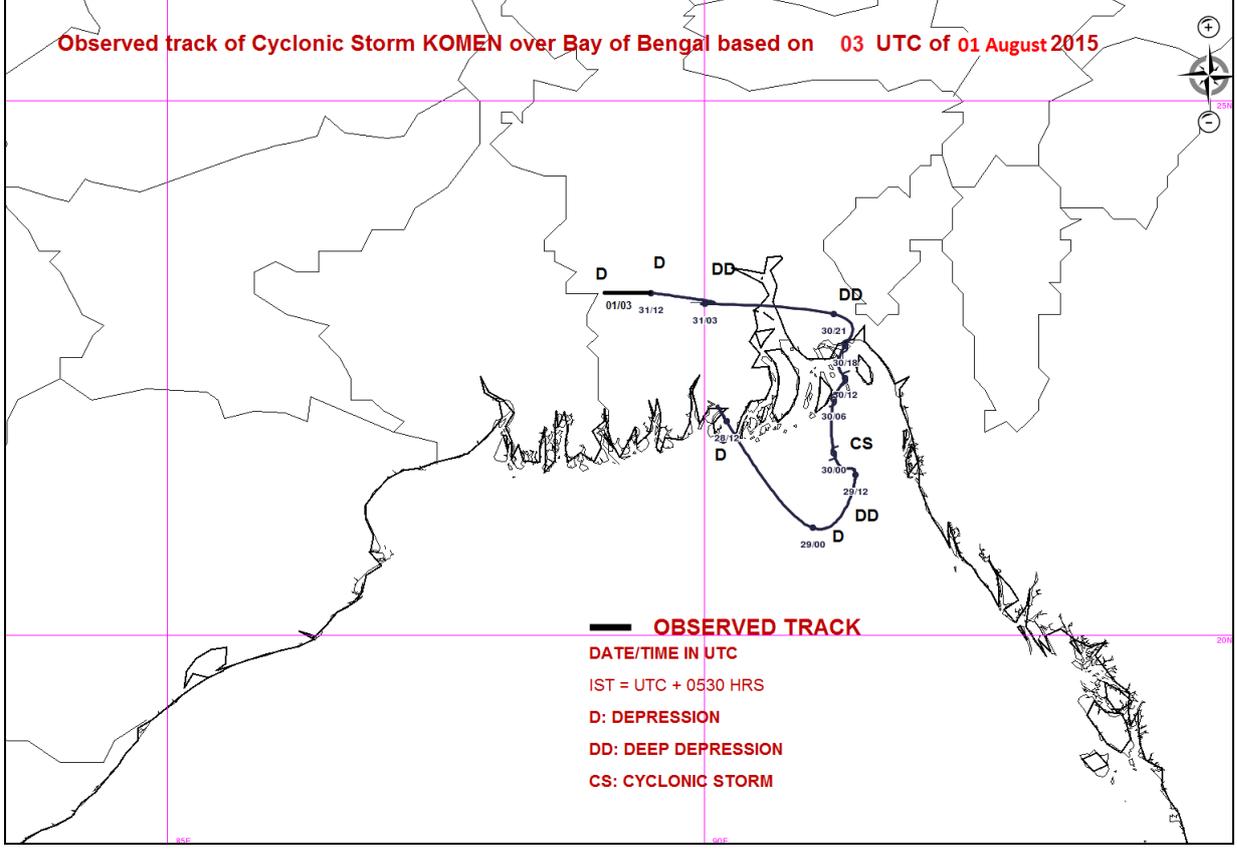
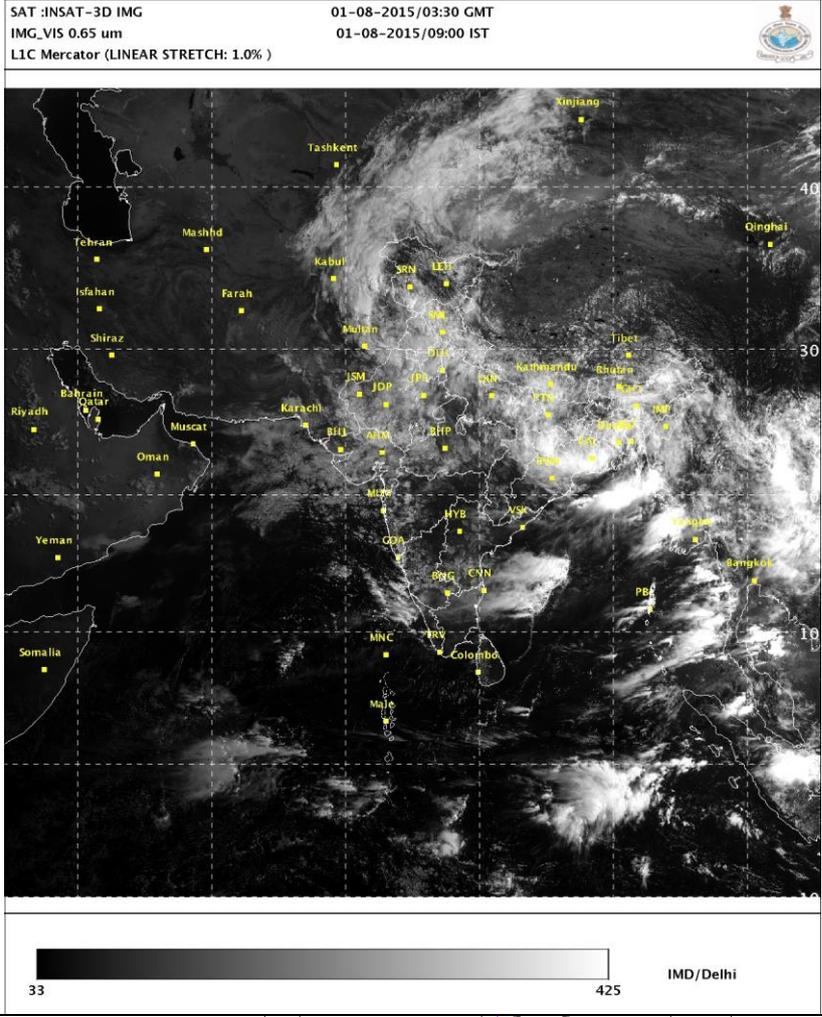
Action suggested: Fishermen are advised not to venture into the sea along & off West Bengal and north Odisha coasts during next 24 hours.

The next bulletin will be issued at 2030 hrs IST of 01 Aug 2015.

For more details, kindly visit: <http://www.rsmcnewdelhi.imd.gov.in/>

**(M. Mohapatra)
Head RSMC
Phone No.: 011-24631913**

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Bhubaneswar/RMC Guwahati/ MC Agatala/ MC Ranchi/ MC Gangtok.





Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 27 (BOB 02/2015)

Time of issue: 2000 hours IST

Dated: 01.08.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, BIHAR (FAX No.0612-2217085)
CHIEF SECRETARY, SIKKIM (FAX No.03592-205577, 204323)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)
CHIEF SECRETARY, CHATTISGARH (FAX No. 0771-2221206)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)

Subject: Depression over West Bengal

The depression over Bangladesh moved west-northwestwards and lay centred at 1730 hrs IST of today, the 01 August 2015 over Gangetic West Bengal and adjoining Bangladesh near latitude 23.8° N and longitude 88.4° E, about 30 km south-southeast of Berhampore (West Bengal). It would move west-northwestwards and weaken into a well marked low pressure area gradually.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at a few places would occur over the **Gangetic West Bengal** during next 24 hrs and isolated heavy to very heavy rainfall during subsequent 24 hrs.

Rainfall at most places with heavy to very heavy rainfall at a few places would occur over **north Odisha** and **Jharkhand** during next 24 hrs and heavy to very heavy rainfall at isolated places in subsequent 24 hrs. Isolated heavy to very heavy rainfall would occur over **south Odisha** during same period.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Chhattisgarh** on 01 August and heavy to very heavy rainfall at few places with isolated extremely heavy falls on 02 and 03 August.

Isolated heavy to very heavy rainfall would occur over **east Madhya Pradesh** on 03 and 04 August.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **sub-Himalayan West Bengal, Bihar, Sikkim, Mizoram, Tripura, Meghalaya and south Assam** during next 24 hrs.

Wind warning :

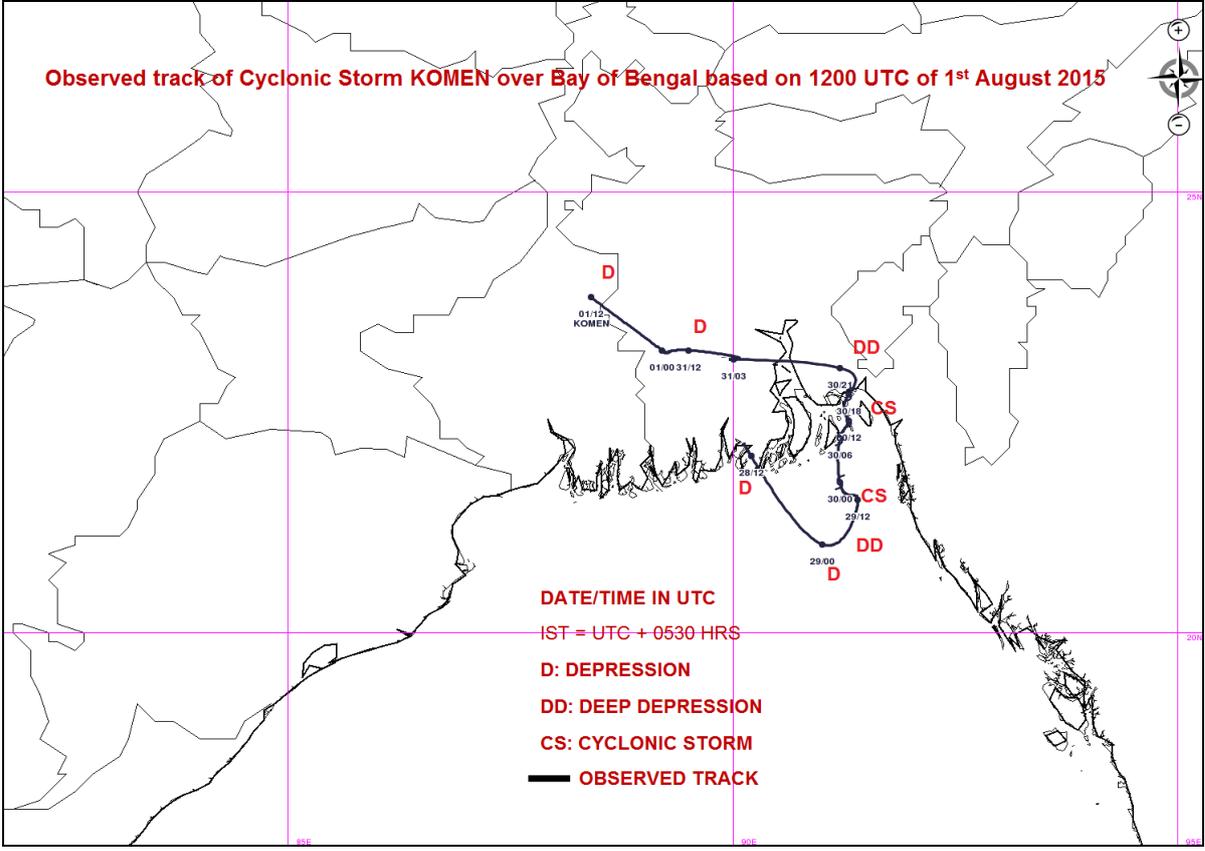
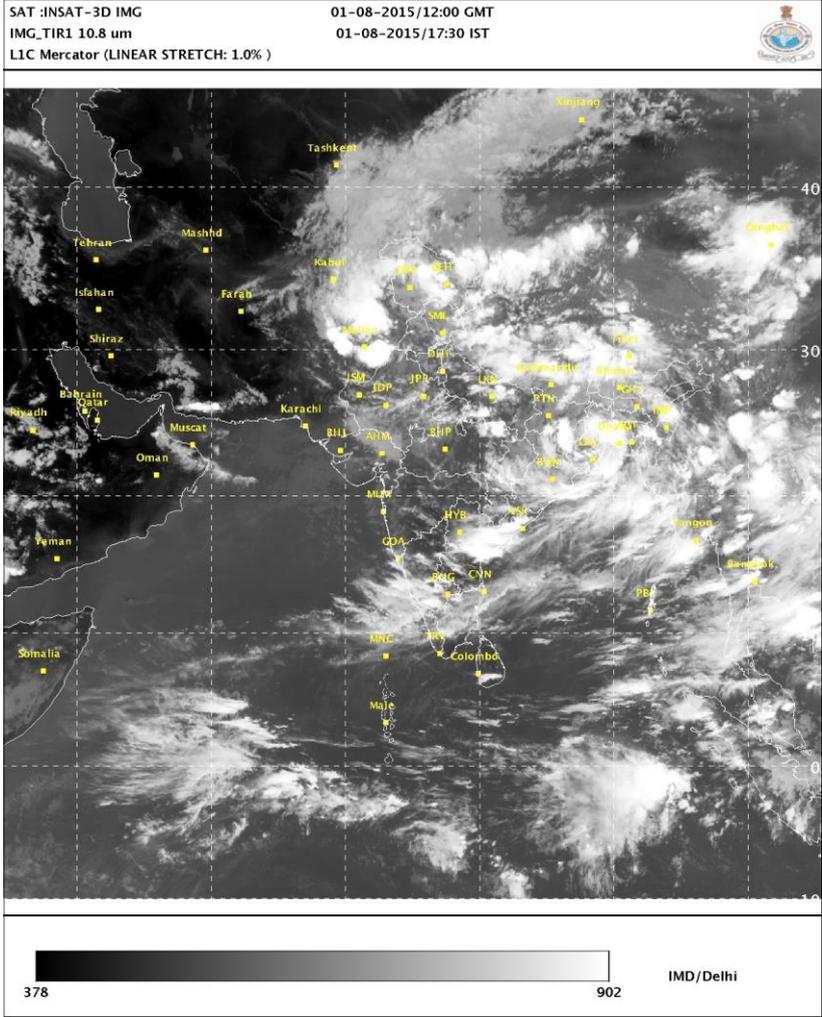
Strong wind speed reaching 30-40 kmph gusting to 50 kmph would prevail over Gangetic West Bengal around the Depression centre during next 24 hours.

The next bulletin will be issued at 0900 hrs IST of 02 Aug 2015.

For more details, kindly visit: <http://www.rsmcnewdelhi.imd.gov.in/>

**(M. Mohapatra)
Head RSMC
Phone No.: 011-24631913**

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Bhubaneswar/RMC Guwahati/ MC Agatala/ MC Ranchi/ MC Gangtok.





Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 28 (BOB 02/2015)

Time of issue: 0900 hours IST

Dated: 02.08.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, BIHAR (FAX No.0612-2217085)
CHIEF SECRETARY, SIKKIM (FAX No.03592-205577, 204323)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)
CHIEF SECRETARY, CHATTISGARH (FAX No. 0771-2221206)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MANIPUR (FAX No. 0385-2451144)

Subject: Depression over Jharkhand and adjoining West Bengal

The depression over Gangetic West Bengal moved westwards and lay centred at 0530 hrs IST of today, the 02 August 2015 over Jharkhand and adjoining West Bengal near latitude 23.8° N and longitude 86.7° E, about 70 km northwest of Bankura (West Bengal). It would move nearly westwards and weaken into a well marked low pressure area gradually.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over the **Gangetic West Bengal** during next 24 hrs and isolated heavy rainfall during subsequent 24 hrs.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand, Odisha and Chhattisgarh** during next 48 hrs.

Rainfall at most places with isolated heavy to very heavy rainfall would occur over **east Madhya Pradesh** on 03 and 04 August.

Rainfall at most places with heavy rainfall at isolated places would occur over **sub-Himalayan West Bengal, Bihar, Sikkim, Mizoram, Manipur, Tripura, Meghalaya and south Assam** during next 24 hrs.

Wind warning :

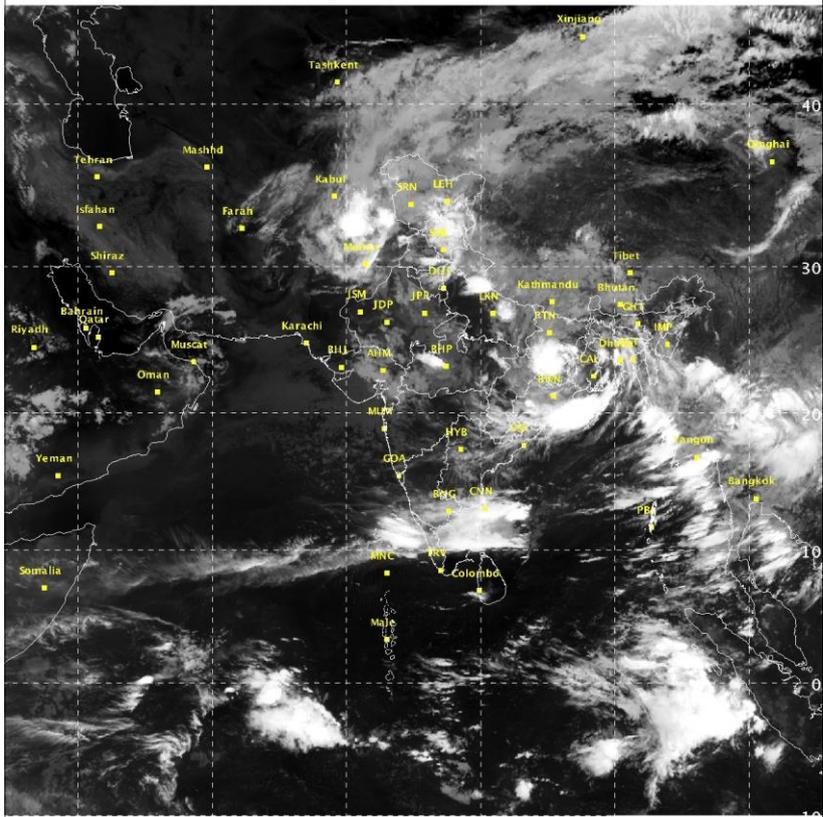
Strong wind speed reaching 30-40 kmph gusting to 50 kmph would prevail around the Depression centre during next 24 hours.

The next bulletin will be issued at 1200 hrs IST of 02 Aug 2015.

For more details, kindly visit: <http://www.rsmcnewdelhi.imd.gov.in/>

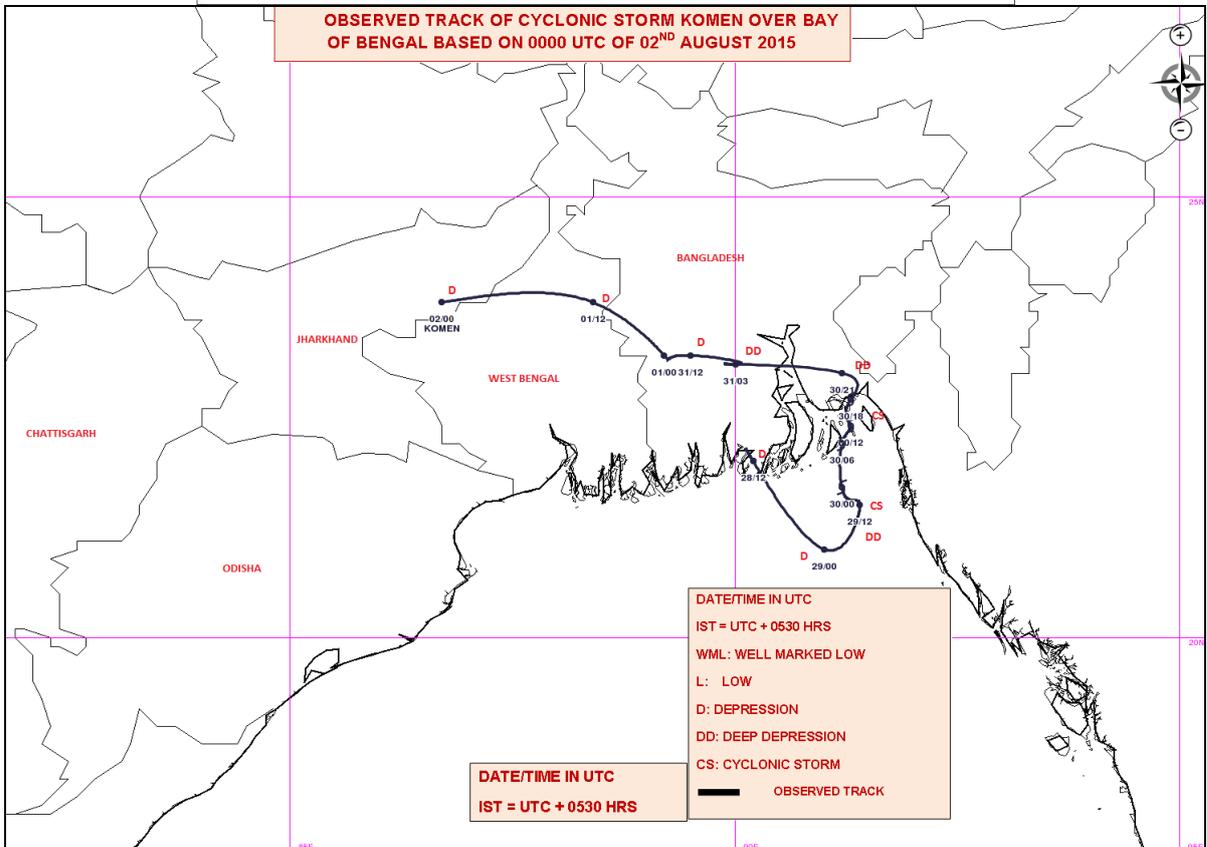
**(M. Mohapatra)
Head RSMC
Phone No.: 011-24631913**

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Bhubaneswar/RMC Guwahati/ MC Agatala/ MC Ranchi/ MC Gangtok.



506 888 IMD/Delhi

OBSERVED TRACK OF CYCLONIC STORM KOMEN OVER BAY OF BENGAL BASED ON 0000 UTC OF 02ND AUGUST 2015





Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

FAX MESSAGE

Bulletin No.: 29 (BOB 02/2015)

Time of issue: 1200 hours IST

Dated: 02.08.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, BIHAR (FAX No.0612-2217085)
CHIEF SECRETARY, SIKKIM (FAX No.03592-205577, 204323)
CHIEF SECRETARY, MIZORAM (FAX No. 0389-2322745)
CHIEF SECRETARY, TRIPURA (FAX No. 0381-2324013)
CHIEF SECRETARY, MEGHALAYA (FAX No. 0364-2225978)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, ASSAM (FAX No. 0361-2260900)
CHIEF SECRETARY, CHATTISGARH (FAX No. 0771-2221206)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MANIPUR (FAX No. 0385-2451144)

Subject: Depression over Gangetic West Bengal and adjoining Jharkhand

The depression over Jharkhand and adjoining Gangetic West Bengal moved west-southwestwards and lay centred at 0830 hrs IST of today, the 02 August 2015 over Gangetic West Bengal and adjoining Jharkhand near latitude 23.4° N and longitude 86.0° E, about 70 km east-northeast of Ranchi. It would move nearly westwards and weaken into a well marked low pressure area gradually.

Heavy rainfall warning:

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over the **Gangetic West Bengal** during next 24 hrs and isolated heavy rainfall during subsequent 24 hrs.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Jharkhand, Odisha and Chhattisgarh** during next 48 hrs.

Rainfall at most places with isolated heavy to very heavy rainfall would occur over **east Madhya Pradesh** on 03 and 04 August.

Rainfall at many places with heavy rainfall at isolated places would occur over **sub-Himalayan West Bengal, Bihar and Sikkim** during next 24 hrs.

Wind warning :

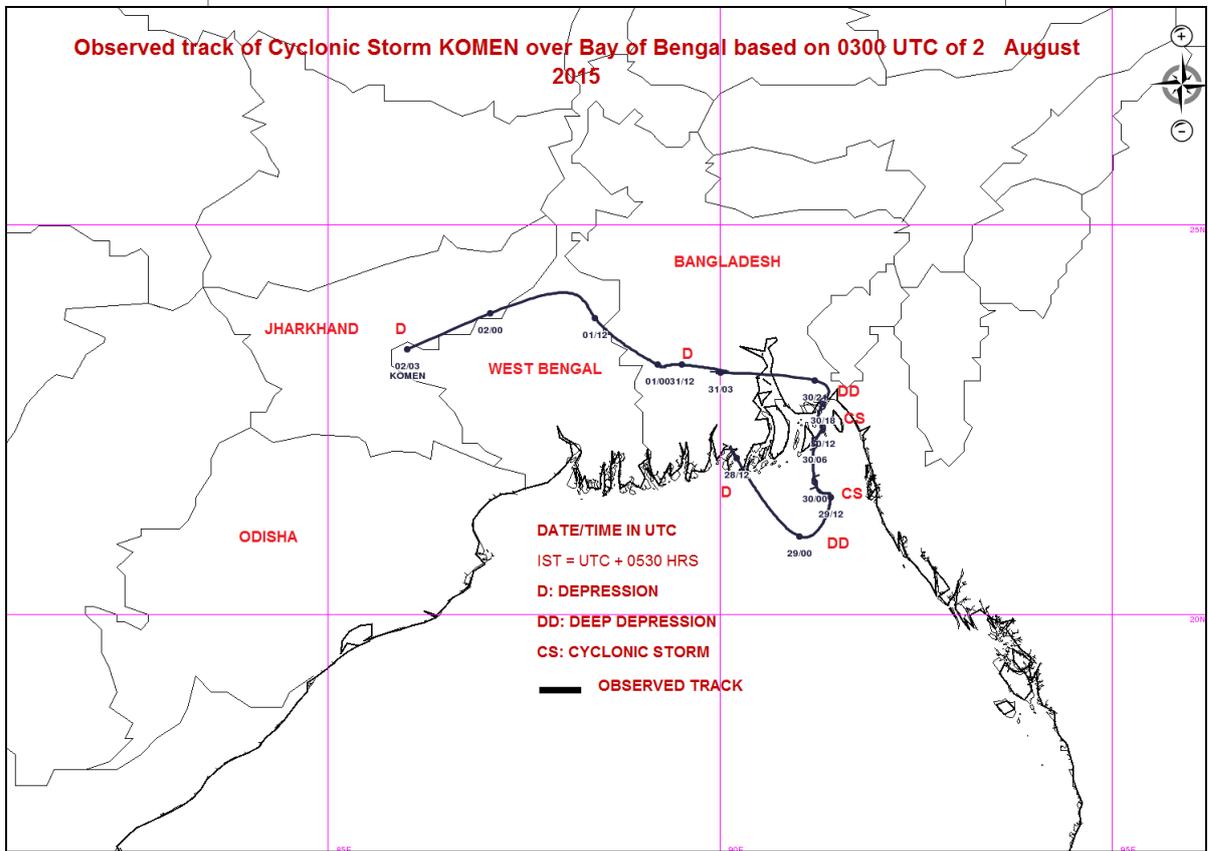
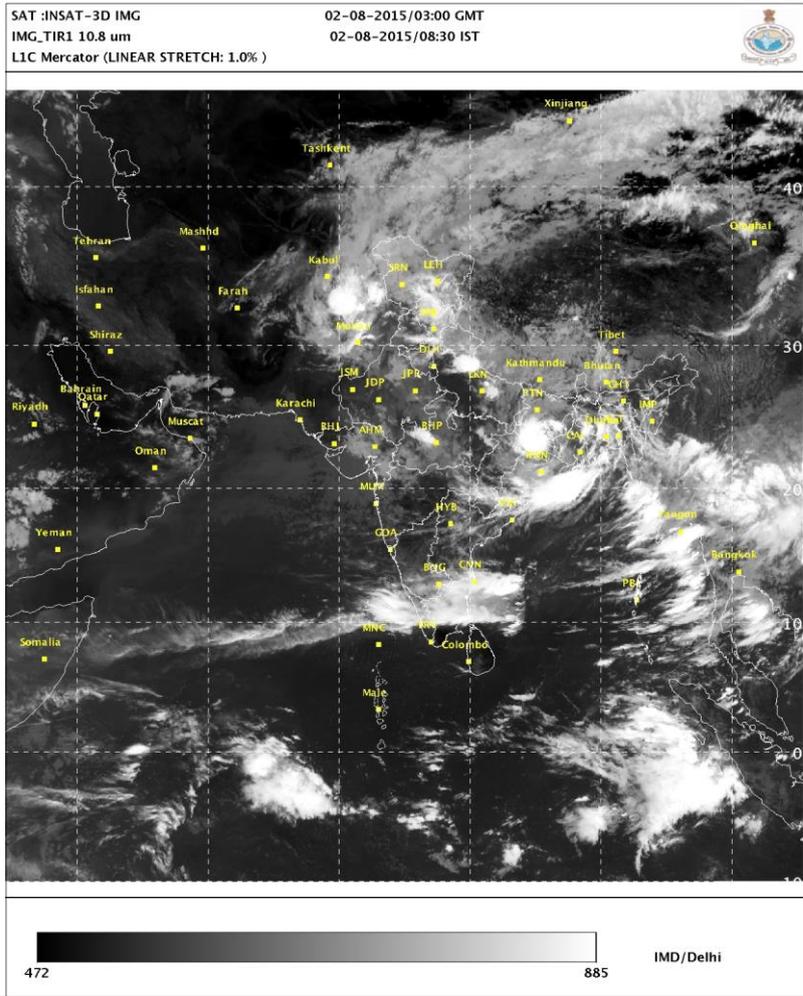
Strong wind speed reaching 30-40 kmph gusting to 50 kmph would prevail around the Depression centre during next 24 hours.

The next bulletin will be issued at 2030 hrs IST of 02 Aug 2015.

For more details, kindly visit: <http://www.rsmcnewdelhi.imd.gov.in/>

**(M. Mohapatra)
Head RSMC
Phone No.: 011-24631913**

CC: DDGM (WF) Pune/ ACWC Kolkata/ACWC Chennai/ CWC Bhubaneswar/RMC Guwahati/ MC Agatala/ MC Ranchi/ MC Gangtok.





Earth System Science Organisation
Ministry of Earth Sciences
India Meteorological Department

Bulletin No : 30 (BOB 02/2015)

Time of issue: 2000 hours IST

Dated: 02.08.2015

FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24643965/24699216/24623220)

**To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
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SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
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PIB MoES (FAX NO. 23389042)
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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX No.0674-2536660)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX No.033-22144328)
CHIEF SECRETARY, BIHAR (FAX No.0612-2217085)
CHIEF SECRETARY, SIKKIM (FAX No.03592-205577, 204323)
CHIEF SECRETARY, JHARKHAND (FAX No.0651-2400255)
CHIEF SECRETARY, CHATTISGARH (FAX No. 0771-2221206)
CHIEF SECRETARY, MADHYA PRADESH (FAX No.0755-2441521)
CHIEF SECRETARY, MANIPUR (FAX No. 0385-2451144)**

Subject: Depression weakened into a well marked low pressure area over Jharkhand and adjoining north Odisha and north Chhattisgarh

The depression over Jharkhand and adjoining Gangetic West Bengal moved west-southwestwards and weakened into a well marked low pressure area over Jharkhand and adjoining north Odisha and north Chhattisgarh at 1730 hrs IST of today, the 02 August 2015.

Heavy rainfall warning:

Rainfall at many places with heavy to very heavy rainfall at isolated places would occur over the **Gangetic West Bengal and Jharkhand**, during next 24 hrs and isolated heavy rainfall during subsequent 24 hrs.

Rainfall at most places with heavy to very heavy rainfall at isolated places would occur over **Odisha and Chhattisgarh** during next 48 hrs.

Rainfall at most places with isolated heavy to very heavy rainfall would occur over **east Madhya Pradesh** on 03 and 04 August.

This is the last bulletin for this system. However, regular bulletins will continue from National Weather Forecasting Centre (NWFC), Regional Meteorological Centres and Meteorological Centres of India Meteorological Department

For more details, kindly visit: <http://www.imd.gov.in/>

(M. Mohapatra)

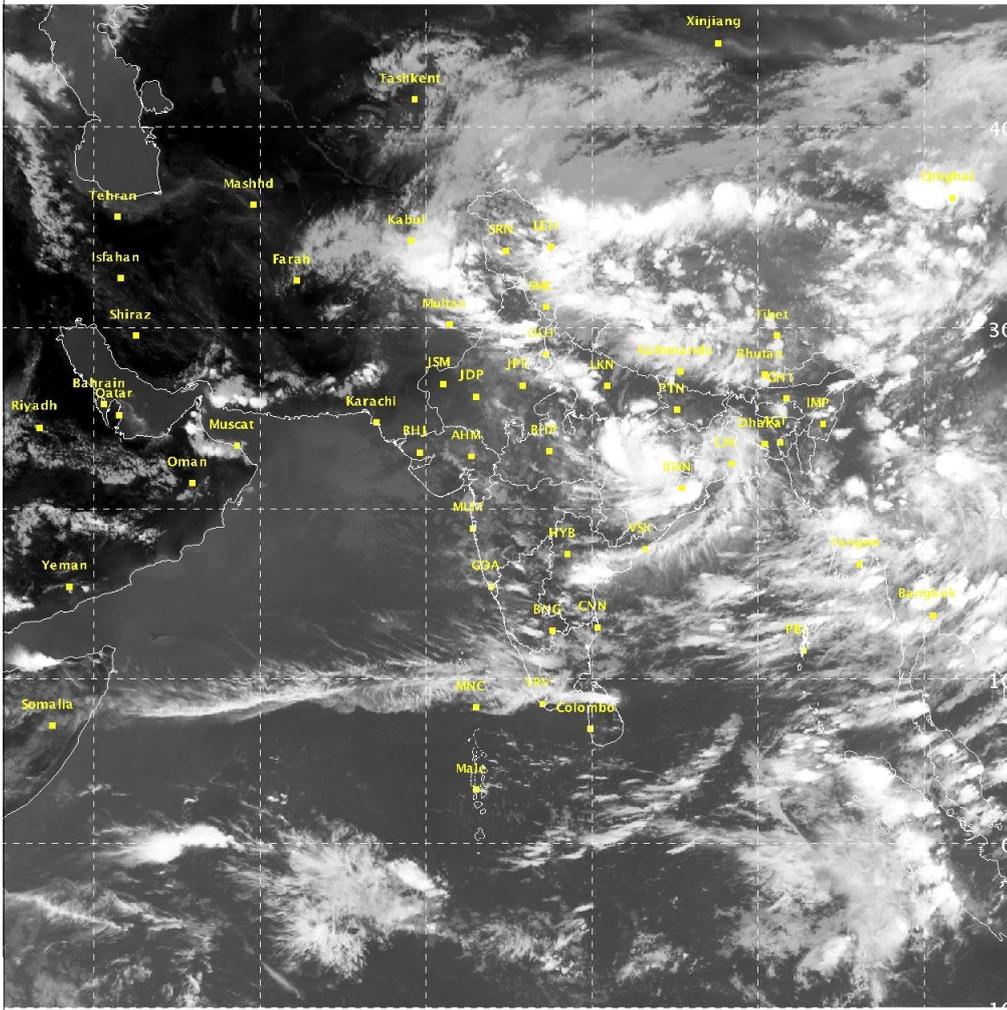
Head RSMC

Phone No.: 011-24631913

CC: DDGM (WF) Pune/ ACWC Kolkata/CWC Bhubaneswar/RMC Guwahati, Nagpur, MC Ranchi, Raipur, Bhopal, Gangtok.

SAT :INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator (LINEAR STRETCH: 1.0%)

02-08-2015/12:00 GMT
02-08-2015/17:30 IST



IMD/Delhi