



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



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

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF MAHARASTRA (FAX NO. 022- 22028594, 22822626)
CHIEF SECRETARY, GOVT. OF GOA (FAX NO. 0832-2415201)
CHIEF SECRETARY, GOVT. OF KARNATAKA (FAX NO. 080-22258913)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF KERALA (FAX NO.0471-2327176)
ADMINISTRATOR, UNION TERRITORY OF LAKSHADWEEP (04896-262184)
ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI
(0260-2230775)

Time of issue: 1130 hours IST

Dated: 28.10.2015

Bulletin No.: ARB04/2015/01

Sub: Depression over southeast Arabian Sea.

Latest satellite imagery and available observations indicate that a **Depression** has formed over southeast Arabian Sea and adjoining areas of southwest and central Arabian sea and lay centered at 0830 hrs. IST of today, the 28th October 2015 near latitude 11.5°N and longitude 65.0°E about 1200 km southwest of Mumbai and about 1320 km southeast of Salalah (Oman). It would move north-northwest wards and intensify into a Deep depression during next 24 hrs. and into a cyclonic storm during subsequent 24 hrs. It would then move westwards towards Yemen and adjoining Oman coast.

As the system is expected to move away from the Indian coast, no adverse weather is expected along and off west coast of India. However, the fishermen over Lakshadweep area are advised to be cautious while venturing into the sea during next 24 hours.

Next bulletin will be issued at 2030 hrs IST of today, the 28th October, 2015

(M. Mohapatra)

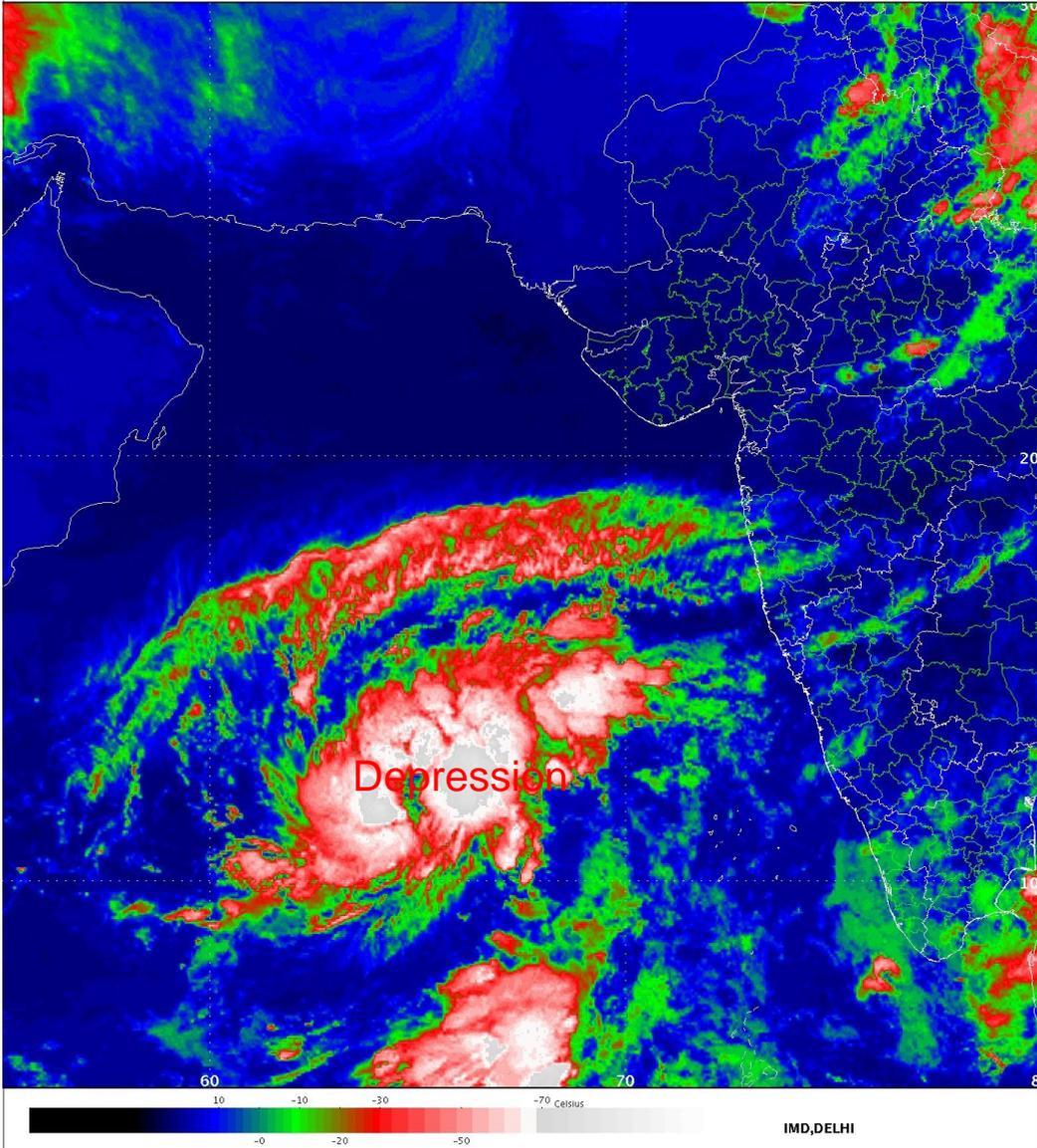
Scientist-F & Head RSMC

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai (022-22630084).

SAT :INSAT-3D
IMG_TIR1_TEMP 10.8 um
SECTOR ARABIAN_SEA Mercator (NHC LUT)

28-10-2015/03:00 GMT
28-10-2015/08:30 IST





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ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI
(0260-2230775)

Time of issue: 1930 hours IST

Dated: 28.10.2015

Bulletin No.: ARB04/2015/02

Sub: Deep Depression over eastcentral and adjoining westcentral and south Arabian Sea.

The **Depression** over southeast Arabian Sea and adjoining areas of southwest and central Arabian Sea moved north-northwestwards and intensified into a **Deep Depression** and lay centered at 1730 hrs IST of today, the 28th October 2015 over east central and adjoining westcentral and south Arabian Sea near Latitude 12.5°N and longitude 64.7°E, about 1350 km southwest of Mumbai and about 1250 km southeast of Salalah (Oman). It would move north-northwestwards and intensify into a Cyclonic Storm during next 24 hours. It would then move westwards towards Yemen and adjoining Oman coast.

As the system is expected to move away from the Indian coast, no adverse weather is expected along and off west coast of India. However, the fishermen over Lakshadweep area are advised to be cautious while venturing into the sea during next 24 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
28-10-2015/1730	12.5/64.7	50-60 gusting to 70	Deep Depression
28-10-2015/2330	12.7/64.5	55-65 gusting to 75	Deep Depression
29-10-2015/0530	13.0/64.3	60-70 gusting to 80	Cyclonic Storm
29-10-2015/1130	13.4/63.8	65-75 gusting to 85	Cyclonic Storm
29-10-2015/1730	13.8/63.4	70-80 gusting to 90	Cyclonic Storm
30-10-2015/0530	14.0/62.5	90-100 gusting to 110	Severe Cyclonic Storm
30-10-2015/1730	14.0/61.4	100-110 gusting to 120	Severe Cyclonic Storm
31-10-2015/0530	14.1/60.2	110-120 gusting to 130	Severe Cyclonic Storm
31-10-2015/1730	14.2/58.9	110-120 gusting to 130	Severe Cyclonic Storm
01-11-2015/0530	14.3/58.0	110-120 gusting to 130	Severe Cyclonic Storm
01-11-2015/1730	14.4/56.8	110-120 gusting to 130	Severe Cyclonic Storm

02-11-2015/0530	14.5/55.6	110-120 gusting to 130	Severe Cyclonic Storm
02-11-2015/1730	14.6/54.4	110-120 gusting to 130	Severe Cyclonic Storm

Next bulletin will be issued at 1130 hrs IST of 29th October, 2015

(M. Mohapatra)

Scientist-F & Head RSMC

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai (022-22630084).



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ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI
(0260-2230775)

Time of issue: 0830 hours IST

Dated: 29.10.2015

Bulletin No.: ARB04/2015/03

Sub: Cyclonic storm 'Chapala' over eastcentral and adjoining westcentral & south Arabian Sea.

The **Deep Depression** over eastcentral and adjoining areas of westcentral and south Arabian Sea moved north-northwestwards with a speed of about 10kmph during past 12 hours and intensified into a **Cyclonic storm, 'Chapala'** and lay centered at 0530 hrs IST of today, the 29th October 2015 over eastcentral and adjoining westcentral and south Arabian Sea near Latitude 13.7°N and longitude 64.3°E, about 1080 km southwest of Mumbai and about 1150 km east-southeast of Salalah (Oman). It would move north-northwestwards and intensify into a severe cyclonic Storm during next 24 hours. It would then move westwards towards Yemen and adjoining Oman coast.

As the system is expected to move away from the Indian coast, no adverse weather is expected along and off west coast of India.

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
29-10-2015/0530	13.7/64.3	60-70 gusting to 80	Cyclonic storm
29-10-2015/1130	14.0/64.1	70-80 gusting to 90	Cyclonic storm
29-10-2015/1730	14.2/63.6	80-90 gusting to 90	Cyclonic storm
29-10-2015/2330	14.3/63.1	90-100 gusting to 110	Severe cyclonic storm
30-10-2015/0530	14.4/62.6	100-110 gusting to 120	Severe cyclonic storm
30-10-2015/1730	14.6/61.6	120-130 gusting to 145	Very severe cyclonic storm
31-10-2015/0530	14.7/60.3	130-140 gusting to 155	Very severe cyclonic storm
31-10-2015/1730	14.8/59.0	150-160 gusting to 175	Very severe cyclonic storm
01-11-2015/0530	15.0/57.7	160-170 gusting to 185	Very severe cyclonic storm

01-11-2015/1730	15.2/56.2	170-180 gusting to 195	Extremely severe cyclonic storm
02-11-2015/0530	15.4/54.7	170-180 gusting to 195	Extremely severe cyclonic storm
02-11-2015/1730	15.7/53.2	160-170 gusting to 185	Very severe cyclonic storm
03-11-2015/0530	16.0/51.7	140-150 gusting to 165	Very severe cyclonic storm

Next bulletin will be issued at 1130 hrs IST of 29th October, 2015

(M. Mohapatra)

Scientist-F & Head RSMC

Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai (022-22630084).



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ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI (0260-2230775)

Time of issue: 1130 hours IST

Dated: 29.10.2015

Bulletin No.: ARB04/2015/04

Sub: Cyclonic storm 'Chapala' over eastcentral and adjoining westcentral & south Arabian Sea.

The **Cyclonic storm, 'Chapala'** over eastcentral and adjoining areas of westcentral & south Arabian Sea moved northwestwards with a speed of about 10 kmph during past 6 hours and lay centered at 0830 hrs IST of today, the 29th October 2015 over eastcentral and adjoining westcentral & south Arabian Sea near Latitude 13.8°N and longitude 64.2°E, about 1090 km southwest of Mumbai and about 1140 km east-southeast of Salalah (Oman). It would move northwestwards during next 6 hours and then move westwards towards Yemen and adjoining Oman coast. It would intensify into a severe cyclonic Storm during next 24 hours and into a very severe cyclonic storm in subsequent 12 hours.

As the system is expected to move away from the Indian coast, no adverse weather is expected along and off west coast of India.

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

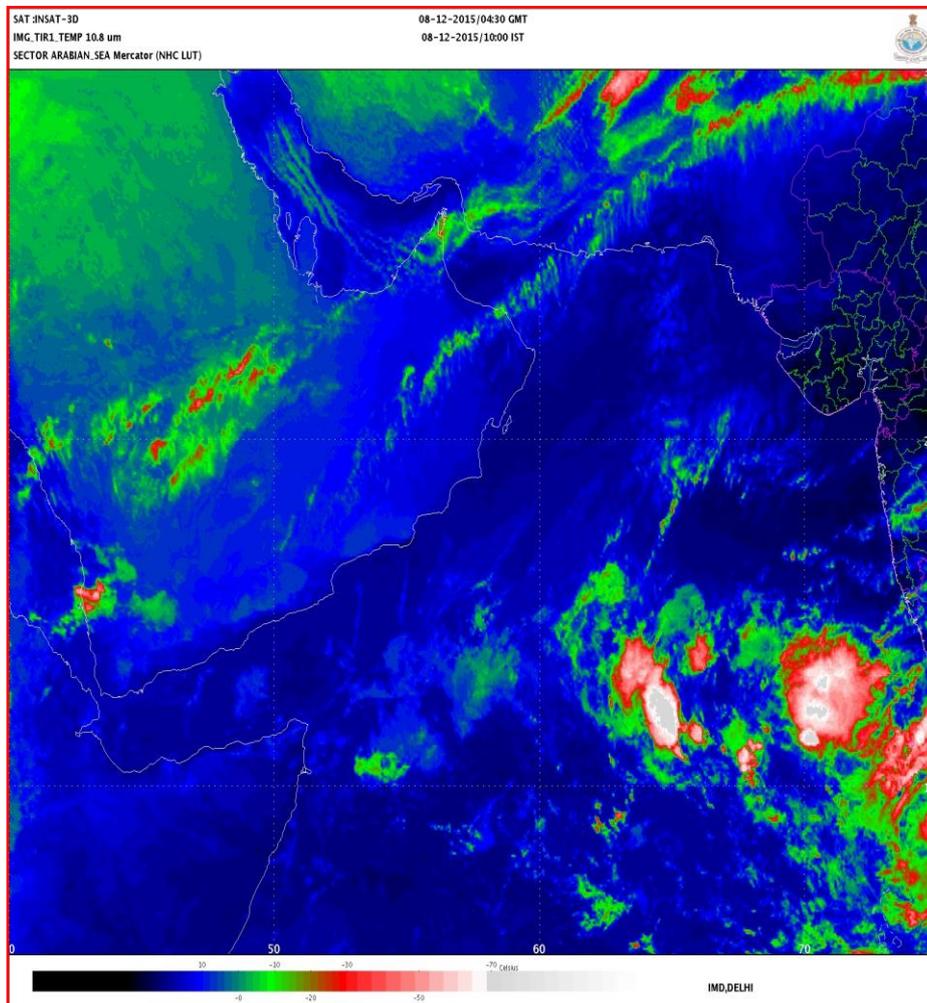
Date/time(IST)	Position (lat. °N/ long. °E)	Maximum sustained surface Wind speed (kmph)	Category of cyclonic Disturbance
29-10-2015/0830	13.8/64.2	60-70 gusting to 80	Cyclonic storm
29-10-2015/1130	14.0/64.1	70-80 gusting to 90	Cyclonic storm
29-10-2015/1730	14.2/63.6	80-90 gusting to 90	Cyclonic storm
29-10-2015/2330	14.3/63.1	90-100 gusting to 110	Severe cyclonic storm
30-10-2015/0530	14.4/62.6	100-110 gusting to 120	Severe cyclonic storm
30-10-2015/1730	14.6/61.6	120-130 gusting to 145	Very severe cyclonic storm
31-10-2015/0530	14.7/60.3	130-140 gusting to 155	Very severe cyclonic storm
31-10-2015/1730	14.8/59.0	150-160 gusting to 175	Very severe cyclonic storm
01-11-2015/0530	15.0/57.7	160-170 gusting to 185	Very severe cyclonic storm
01-11-2015/1730	15.2/56.2	170-180 gusting to 195	Extremely severe cyclonic

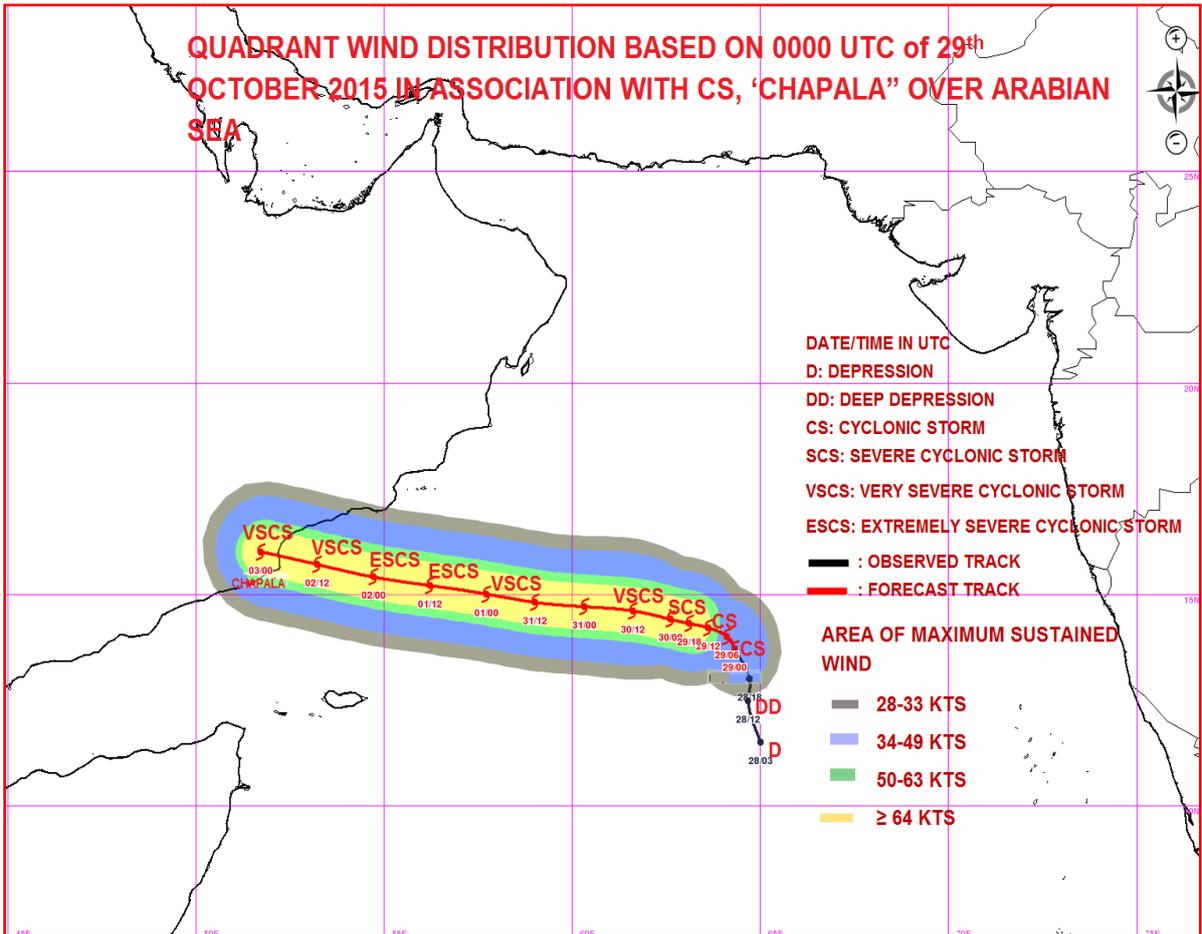
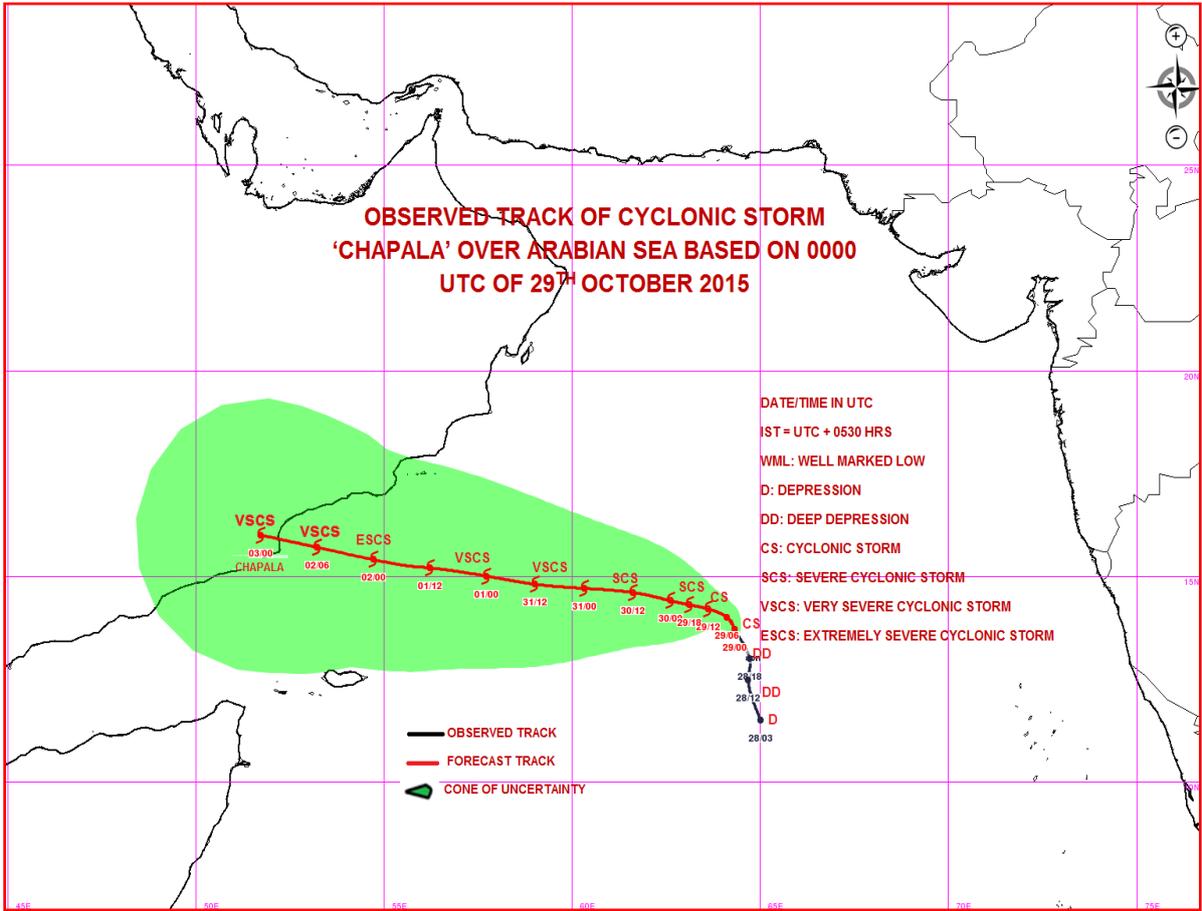
			storm
02-11-2015/0530	15.4/54.7	170-180 gusting to 195	Extremely severe cyclonic storm
02-11-2015/1730	15.7/53.2	160-170 gusting to 185	Very severe cyclonic storm
03-11-2015/0530	16.0/51.7	140-150 gusting to 165	Very severe cyclonic storm

Next bulletin will be issued at 2030 hrs IST of 29th October, 2015

(M. Mohapatra)
 Scientist-F & Head RSMC
 Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai (022-22630084).







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ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI
(0260-2230775)

Time of issue: 1930 hours IST

Dated: 29.10.2015

Bulletin No.: ARB04/2015/05

Sub: Severe Cyclonic storm 'Chapala' over westcentral and adjoining eastcentral Arabian Sea.

The **Cyclonic storm, 'Chapala'** over westcentral and adjoining eastcentral Arabian Sea moved west-northwestwards with a speed of about 12 kmph during past 6 hours and intensified into a **Severe Cyclonic Storm** and lay centered at 1730 hrs IST of today, the 29th October 2015 over near Latitude 14.1°N and longitude 63.3°E, about 1150 km west-southwest of Mumbai and about 1040 km east-southeast of Salalah (Oman). It would move west-northwestwards and intensify into a very severe cyclonic storm during next 12 hours. It would cross north Yemen and adjoining Oman coast as a very severe cyclonic storm between Latitude 15.0°N and 17.0°N around 2330 hrs IST of 2 November.

As the system would move away from the Indian coast, no adverse weather is expected along and off west coast of India.

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

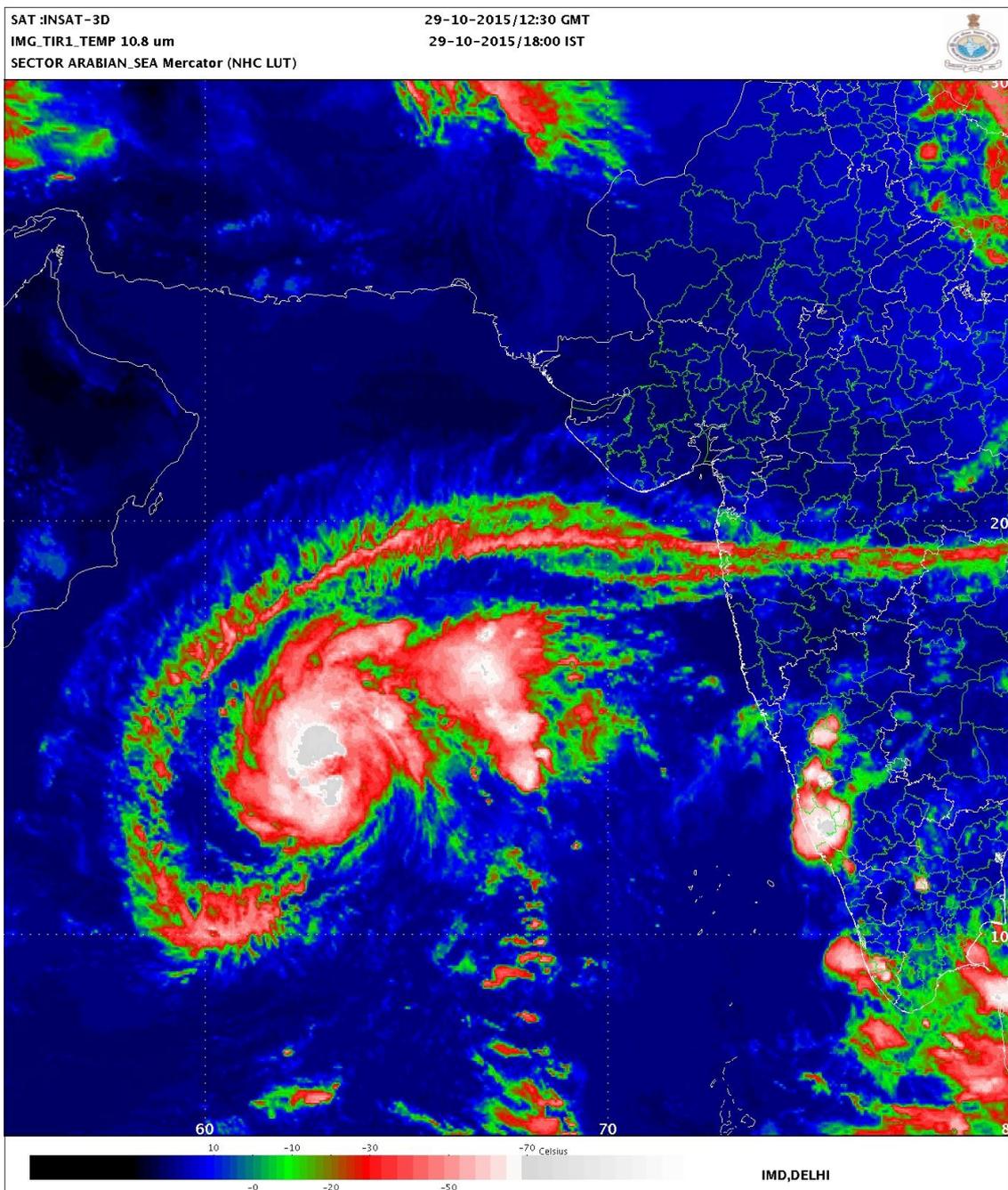
Date/time(IST)	Position (lat. °N/ long. °E)	Maximum sustained surface Wind speed (kmph)	Category of cyclonic Disturbance
29-10-2015/1730	14.1/63.3	95-105 gusting to 115	Severe Cyclonic storm
29-10-2015/2330	14.3/62.8	105-115 gusting to 125	Severe cyclonic storm
30-10-2015/0530	14.4/62.3	115-125 gusting to 140	Very severe cyclonic storm
30-10-2015/1130	14.5/61.8	125-135 gusting to 150	Very severe cyclonic storm
30-10-2015/1730	14.5/61.3	135-145 gusting to 160	Very severe cyclonic storm
31-10-2015/0530	14.3/60.1	155-165 gusting to 180	Very severe cyclonic storm
31-10-2015/1730	14.2/58.6	170-180 gusting to 195	Extremely severe cyclonic storm
01-11-2015/0530	14.2/57.1	170-180 gusting to 195	Extremely severe cyclonic storm
01-11-2015/1730	14.3/55.7	160-170 gusting to 185	Very severe cyclonic storm
02-11-2015/0530	14.7/54.3	150-160 gusting to 175	Very severe cyclonic storm

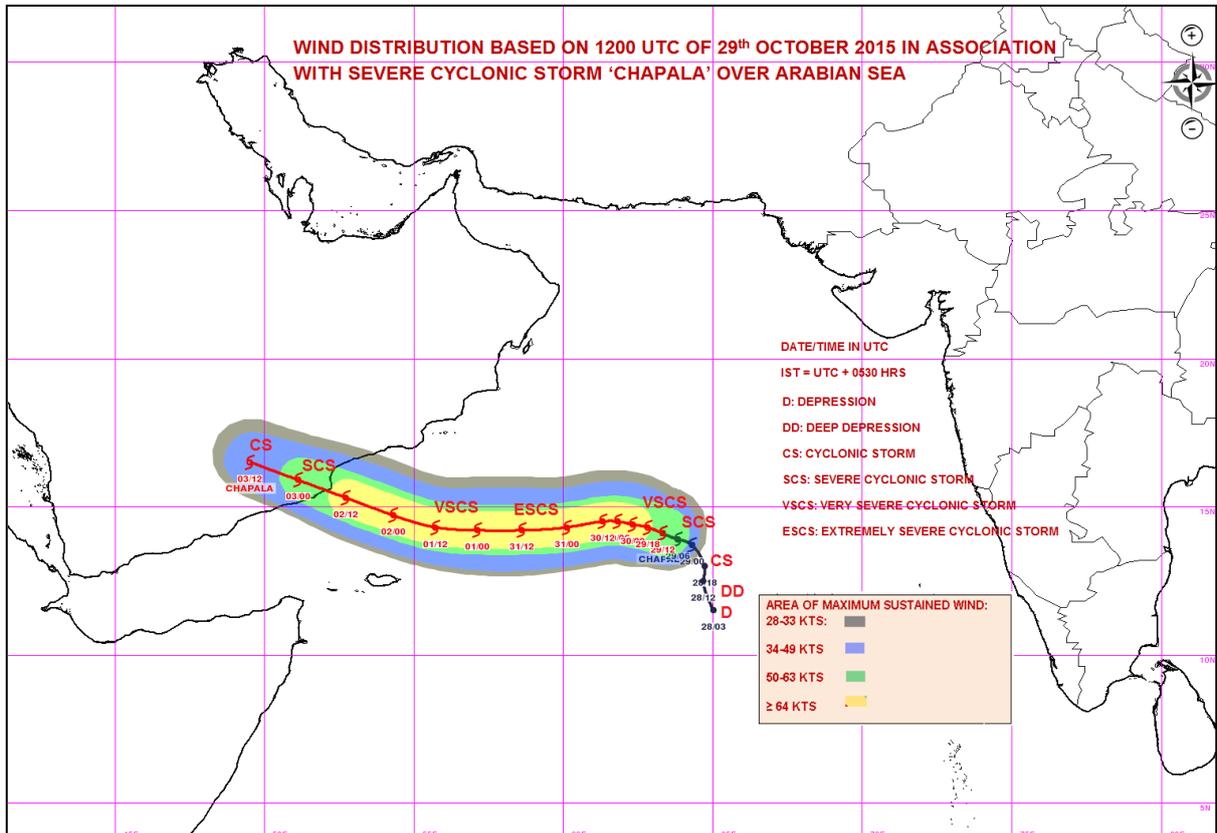
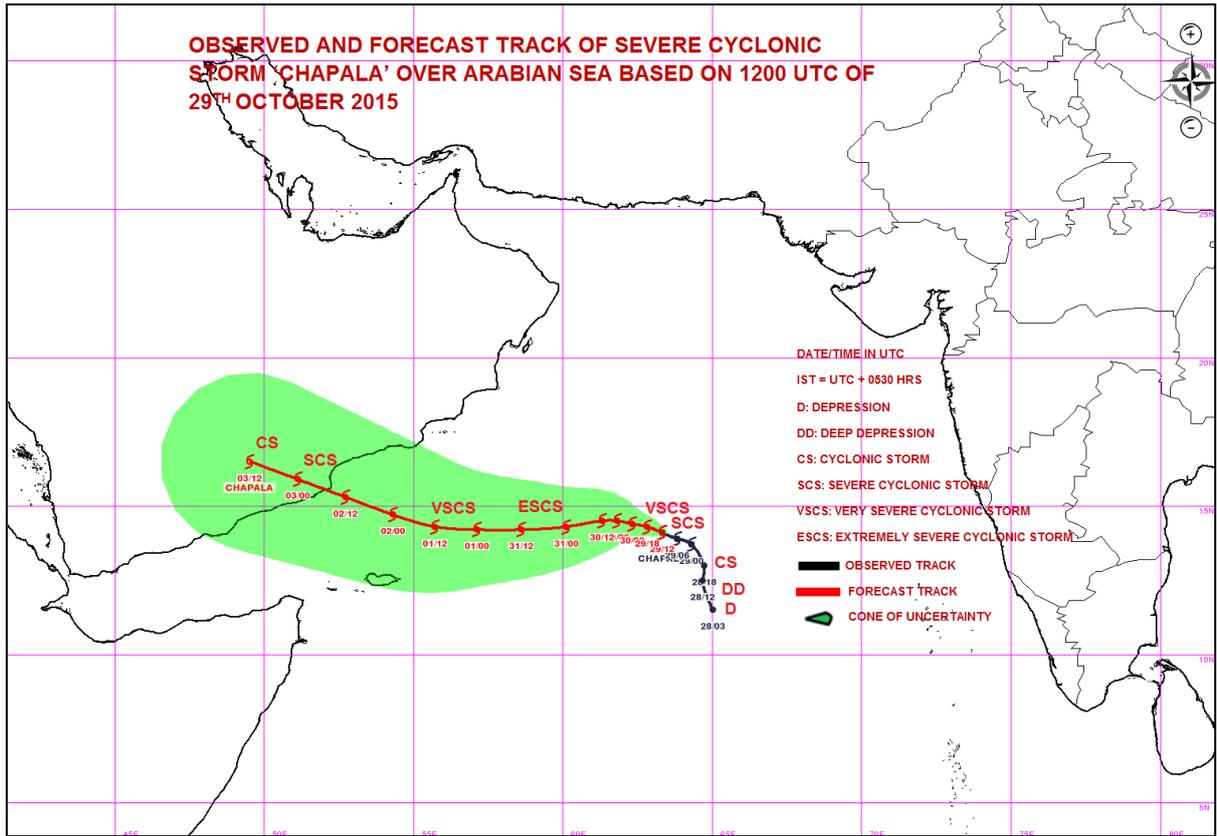
02-11-2015/1730	15.3/52.7	140-150 gusting to 165	Very severe cyclonic storm
03-11-2015/0530	15.9/51.1	110-120 gusting to 135	Severe Cyclonic storm
03-11-2015/1730	16.5/49.5	60-70 gusting to 80	Cyclonic storm

Next bulletin will be issued at 1130 hrs IST of 30th October, 2015

(M. Mohapatra)
 Scientist-F & Head RSMC
 Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai (022-22630084).







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(0260-2230775)

Time of issue: 1100 hours IST

Dated: 30.10.2015

Bulletin No.: ARB04/2015/06

Sub: Severe Cyclonic storm 'Chapala' intensified into Extremely Severe Cyclonic storm

The **severe cyclonic storm**, 'Chapala' over westcentral and adjoining eastcentral Arabian Sea moved west-northwestwards, rapidly intensified into a **very severe cyclonic storm** at 2330 hours IST of 29th October and further into an **extremely severe cyclonic storm** at 0830 hrs IST of today, the 30th October 2015 and lay centered over westcentral Arabian Sea near latitude 14.3°N and longitude 61.5°E, about 1320 km west-southwest of Mumbai and about 850 km east-southeast of Salalah (Oman). It would move westwards, intensify further into a **super cyclonic storm** during next 24 hours and cross north Yemen and adjoining Oman coast between Latitude 15.0°N and 16.0°N around midnight of 2nd November, 2015. Due to entrainment of dry air and lower Ocean thermal energy over Gulf of Aden and adjoining westcentral Arabian Sea off Yemen and Oman coast, there is possibility of slight weakening of the system before the landfall over north Yemen and adjoining Oman coast.

As the system would move away from the Indian coast, no adverse weather is expected along and off west coast of India.

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

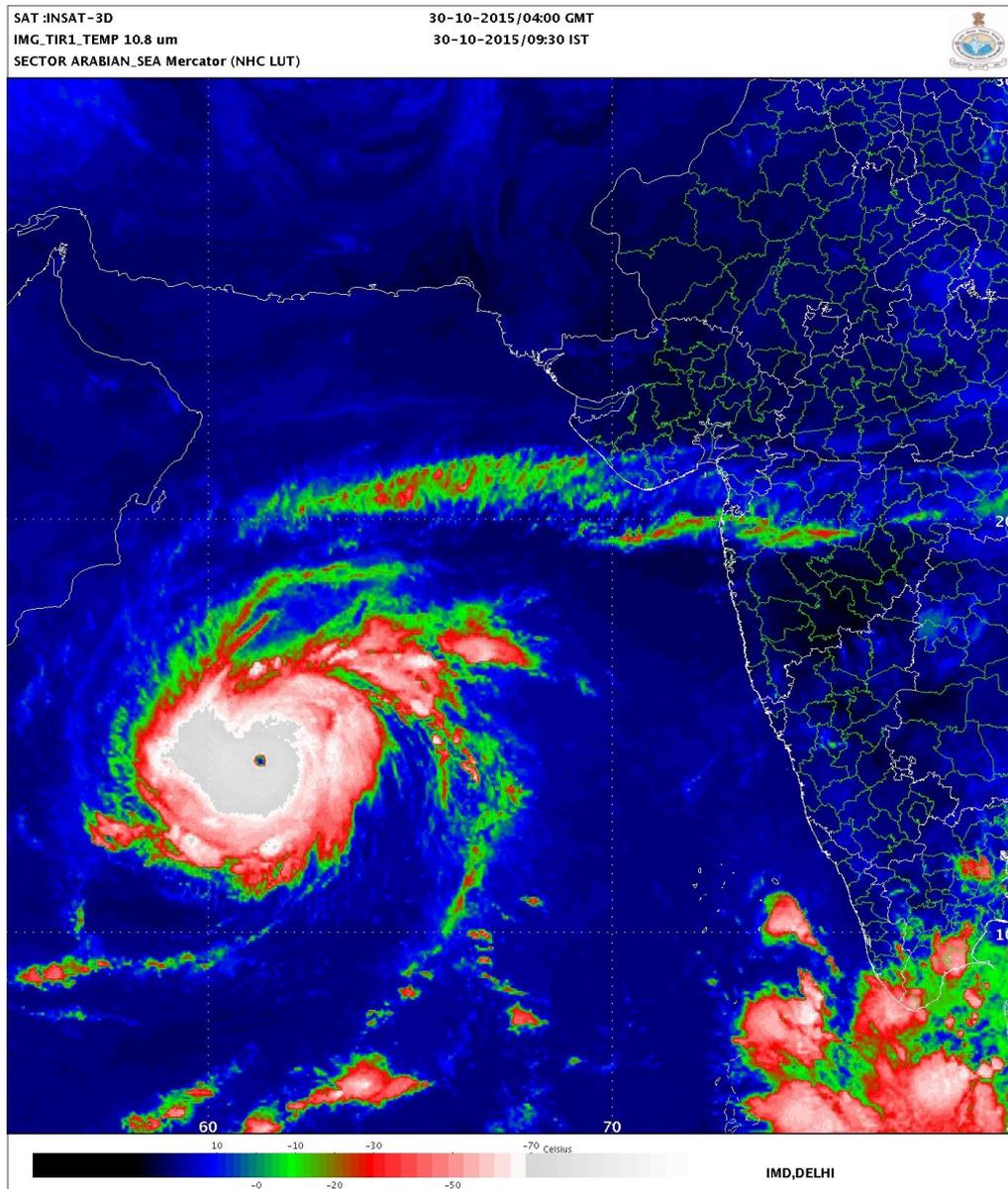
Date/time(IST)	Position (lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic Disturbance
30-10-2015/0830	14.3/61.5	190-200 gusting to 220	Extremely severe cyclonic storm
30-10-2015/1130	14.4/61.2	195-205 gusting to 225	Extremely severe cyclonic storm

30-10-2015/1730	14.5/60.6	205-215 gusting to 230	Extremely severe cyclonic storm
30-10-2015/2330	14.5/60.2	210-220 gusting to 195	Extremely severe cyclonic storm
31-10-2015/0530	14.4/59.6	220-230 gusting to 250	Super cyclonic storm
31-10-2015/1730	14.2/58.2	220-230 gusting to 250	Super cyclonic storm
01-11-2015/0530	14.2/56.9	220-230 gusting to 250	Super cyclonic storm
01-11-2015/1730	14.3/55.6	180-190 gusting to 210	Extremely severe cyclonic storm
02-11-2015/0530	14.5/54.1	170-180 gusting to 200	Extremely severe cyclonic storm
02-11-2015/1730	14.9/52.1	150-160 gusting to 175	Very severe cyclonic storm
03-11-2015/0530	15.3/50.1	100-110 gusting to 120	Severe cyclonic storm
03-11-2015/1730	15.8/48.5	50-60 gusting to 70	Depression

Next bulletin will be issued at 2030 hrs IST of 30th October, 2015

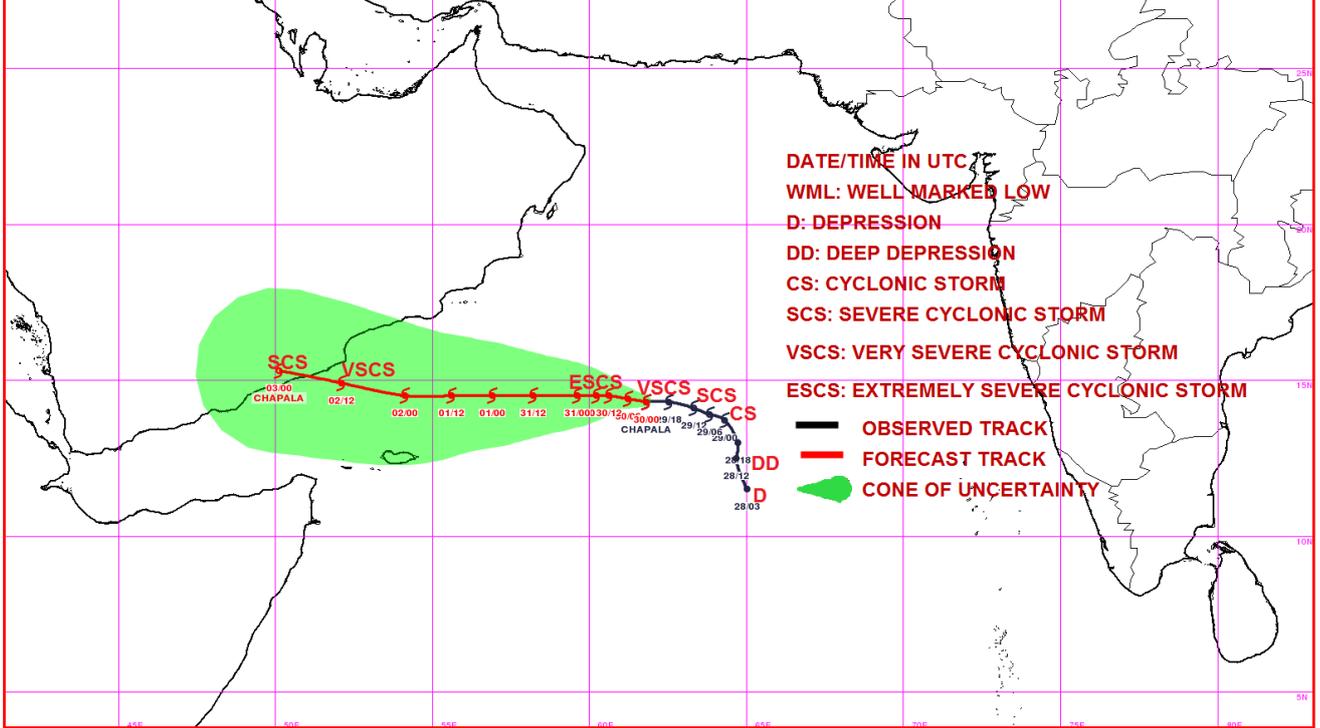
(M. Mohapatra)
 Scientist-F & Head RSMC
 Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai (022-22630084).

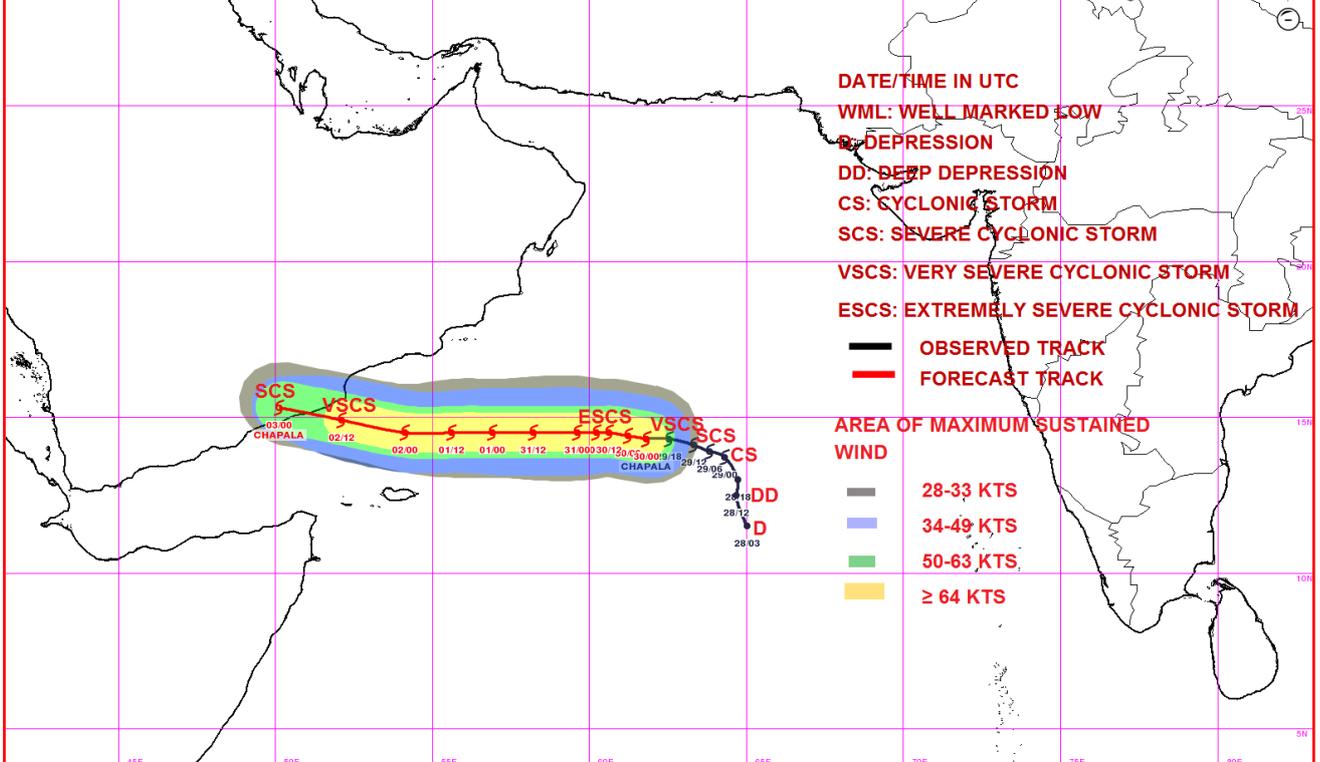


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OBSERVED & FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY BASED ON 0000 UTC OF 30TH OCTOBER 2015 IN ASSOCIATION WITH VSCS, CHAPALA OVER ARABIAN SEA



QUADRANT WIND DISTRIBUTION BASED ON 0000 UTC OF 30TH OCTOBER 2015 IN ASSOCIATION WITH VSCS CHAPALA OVER ARABIAN SEA





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



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

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF MAHARASTRA (FAX NO. 022- 22028594, 22822626)
CHIEF SECRETARY, GOVT. OF GOA (FAX NO. 0832-2415201)
CHIEF SECRETARY, GOVT. OF KARNATAKA (FAX NO. 080-22258913)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF KERALA (FAX NO.0471-2327176)
ADMINISTRATOR, UNION TERRITORY OF LAKSHADWEEP (04896-262184)
ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI
(0260-2230775)

Time of issue: 1945 hours IST

Dated: 30.10.2015

Bulletin No.: ARB04/2015/07

Sub: Extremely Severe Cyclonic storm 'Chapala' over westcentral Arabian Sea

The extremely severe cyclonic storm, 'Chapala' over westcentral Arabian Sea moved west-southwestwards with a speed of about 12 kmph during past 6 hours, and lay centered at 1730 hrs IST of today, the 30th October 2015 near latitude 14.1°N and longitude 60.6°E, about 1410 km west-southwest of Mumbai and about 770 km east-southeast of Salalah (Oman). It would move westwards, intensify further during next 12 hours and cross Yemen and adjoining Oman coast between latitude 15.0°N and 16.0°N around midnight of 2nd November, 2015. Due to entrainment of dry air and lower ocean thermal energy over Gulf of Aden and adjoining westcentral Arabian Sea off Yemen and Oman coast, there is possibility of slight weakening of the system before the landfall and it would cross Yemen and adjoining Oman coast as a Very severe cyclonic storm.

As the system would move away from the Indian coast, no adverse weather is expected along and off west coast of India.

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

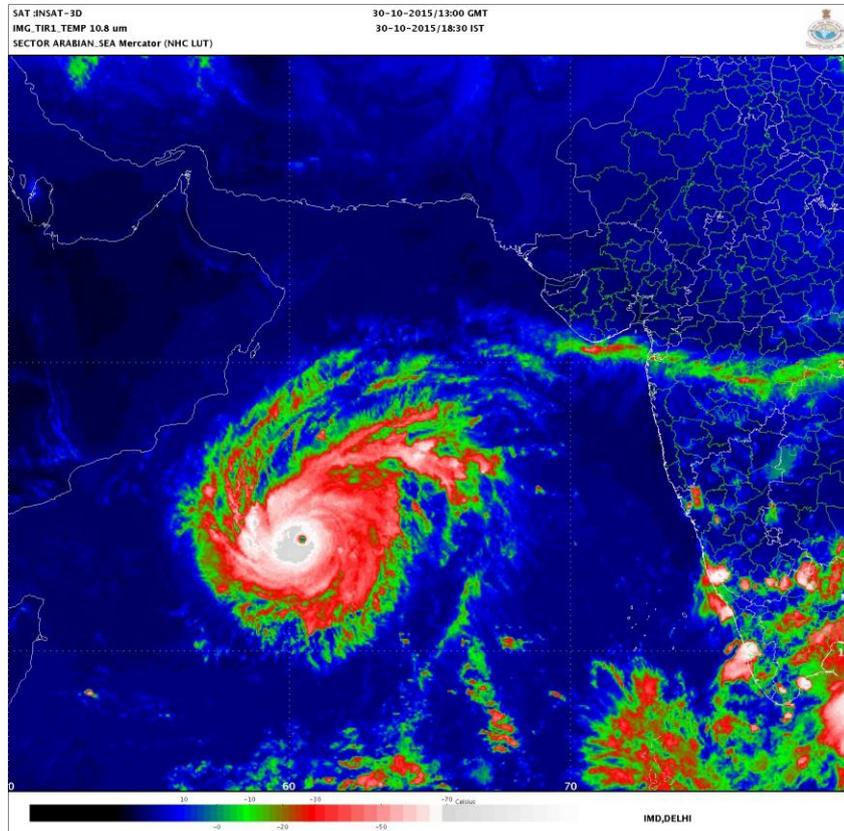
Date/time(IST)	Position (lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic Disturbance
30-10-2015/1730	14.1/60.6	210-220 gusting to 235	Extremely severe cyclonic storm
30-10-2015/2330	14.0/60.1	220-230 gusting to 250	Super cyclonic storm
31-10-2015/0530	13.9/59.5	220-230 gusting to 250	Super cyclonic storm
31-10-2015/1130	13.8/58.9	220-230 gusting to 250	Super cyclonic storm

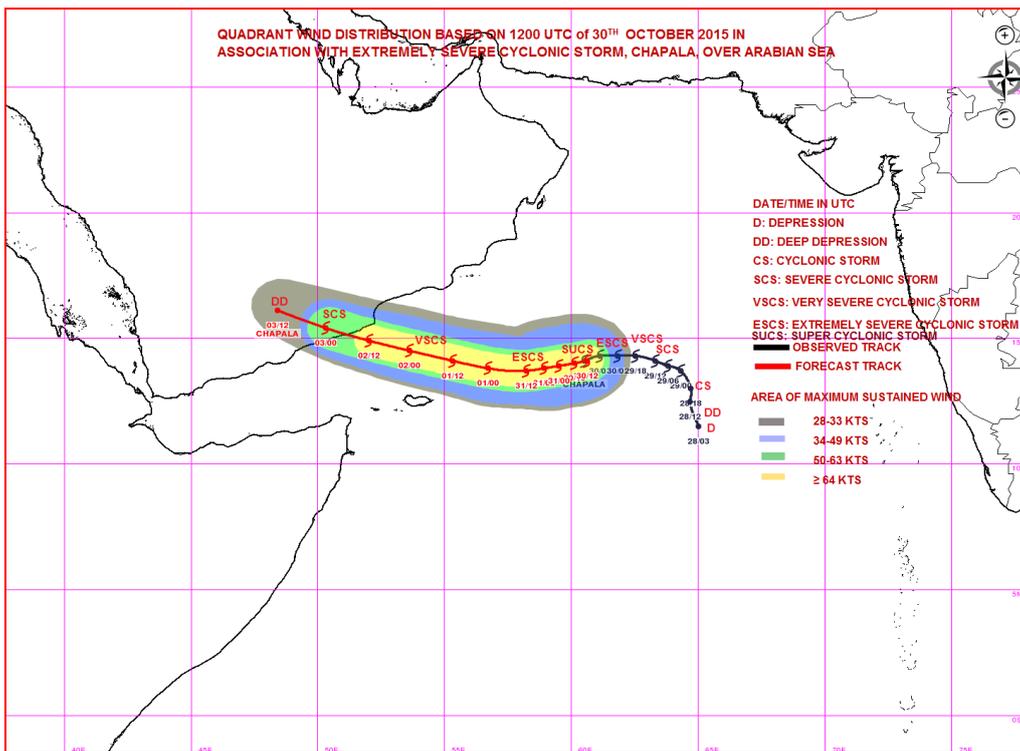
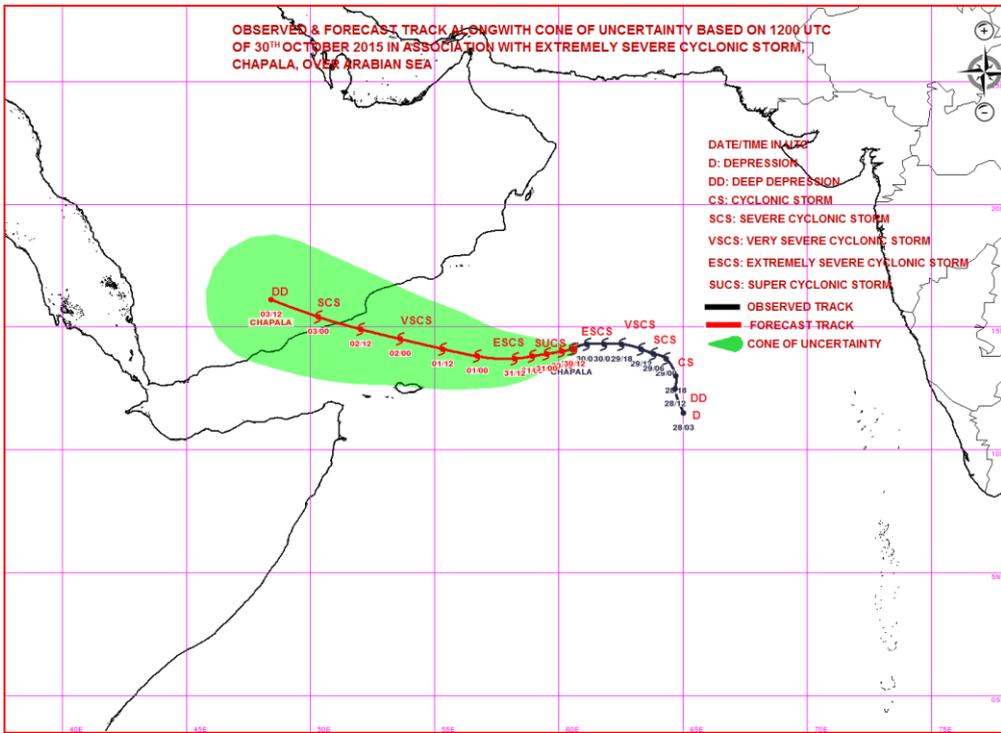
31-10-2015/1730	13.7/58.2	210-220 gusting to 235	Extremely severe cyclonic storm
01-11-2015/0530	13.8/56.7	190-200 gusting to 220	Extremely severe cyclonic storm
01-11-2015/1730	14.1/55.3	170-180 gusting to 200	Extremely severe cyclonic storm
02-11-2015/0530	14.5/53.6	150-160 gusting to 175	Very severe cyclonic storm
02-11-2015/1730	14.9/52.0	140-150 gusting to 165	Very severe cyclonic storm
03-11-2015/0530	15.4/50.3	90-100 gusting to 115	Severe cyclonic storm
03-11-2015/1730	16.1/48.4	50-60 gusting to 70	Deep Depression

Next bulletin will be issued at 1130 hrs IST of 31st October, 2015

(M. Mohapatra)
 Scientist-F & Head RSMC
 Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai (022-22630084).







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



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

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF MAHARASTRA (FAX NO. 022- 22028594, 22822626)
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CHIEF SECRETARY, GOVT. OF KERALA (FAX NO.0471-2327176)
ADMINISTRATOR, UNION TERRITORY OF LAKSHADWEEP (04896-262184)
ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI (0260-2230775)

Time of issue: 0830 hours IST

Dated: 31.10.2015

Bulletin No.: ARB04/2015/08

Sub: Extremely Severe Cyclonic storm 'Chapala' over westcentral Arabian Sea

The **extremely severe cyclonic storm, 'Chapala'** over westcentral Arabian sea moved westwards with a speed of about 10 kmph during past 6 hours and lay centered at 0530 IST of today, the 31th October 2015 near latitude 13.9°N and longitude 59.6°E, about 1530 km west-southwest of Mumbai and about 680 km east-southeast of Salalah (Oman). It would move nearly westwards during next 36 hours and then west-northwestwards and cross Yemen and adjoining Oman coast near latitude 15.0°N around midnight of 2nd November, 2015. Due to entrainment of dry air and lower ocean thermal energy over Gulf of Aden and adjoining westcentral Arabian sea off Yemen and Oman coast, the system would weaken gradually into a very severe cyclonic storm during next 24 hours, further into a severe cyclonic storm in subsequent 24 hours and cross Yemen and adjoining Oman coast as a severe cyclonic storm.

As the system is moving away from the Indian coast, no adverse weather is expected along and off west coast of India.

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
31-10-2015/0530	13.9/59.6	205-215 gusting to 235	Extremely severe cyclonic storm
31-10-2015/1130	13.8/59.0	190-200 gusting to 210	Extremely severe cyclonic storm
31-10-2015/1730	13.7/58.3	180-190 gusting to 200	Extremely severe cyclonic storm
31-10-2015/2330	13.7/57.5	165-175 gusting to 195	Extremely severe cyclonic storm
01-11-2015/0530	13.8/56.7	155-165 gusting to 185	Very severe cyclonic storm

01-11-2015/1730	14.0/55.3	135*145 gusting to 165	Very severe cyclonic storm
02-11-2015/0530	14.3/53.6	115-125 gusting to 140	Very severe cyclonic storm
02-11-2015/1730	14.7/52.0	110-110 gusting to 120	Very severe cyclonic storm
03-11-2015/0530	15.3/50.2	90-100 gusting to 115	Severe cyclonic storm
03-11-2015/1730	16.0/48.5	45-55 gusting to 65	Depression

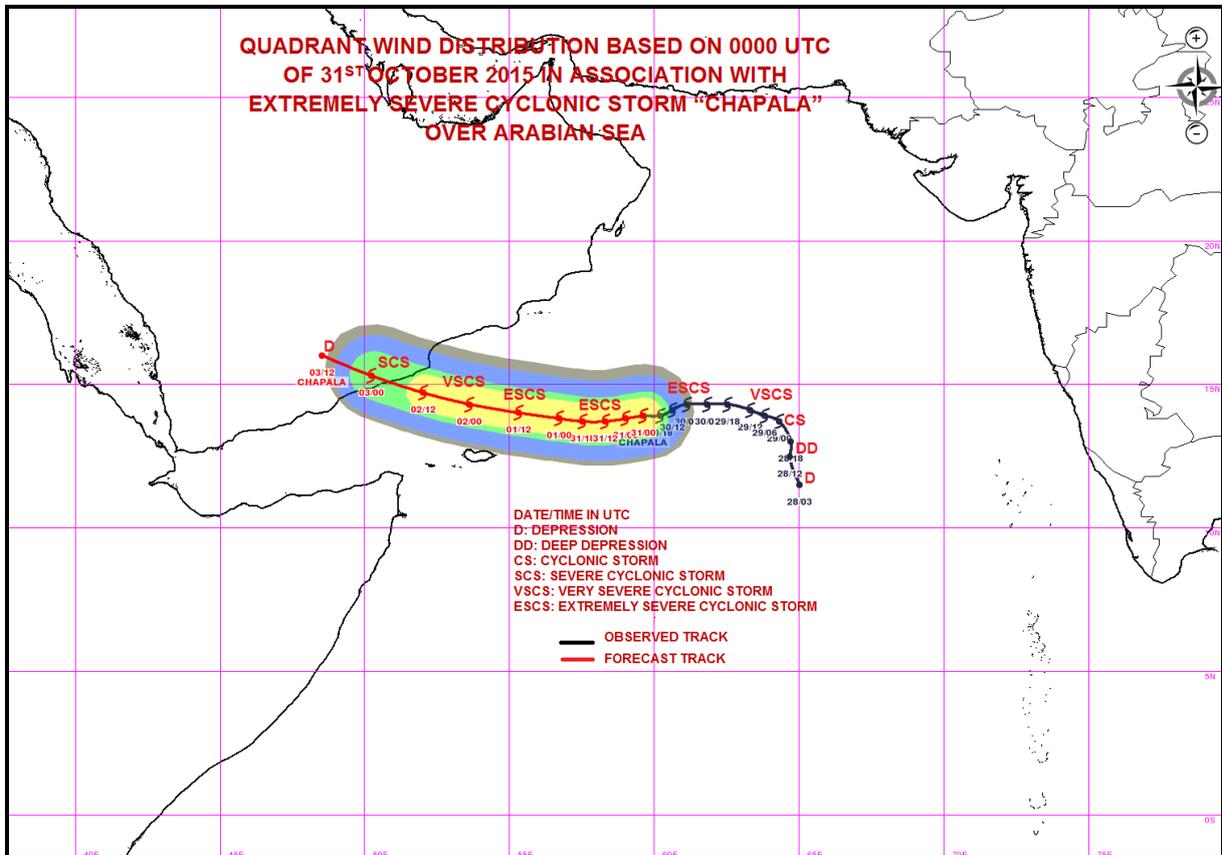
Next bulletin will be issued at 1130 hrs IST of 31st October, 2015

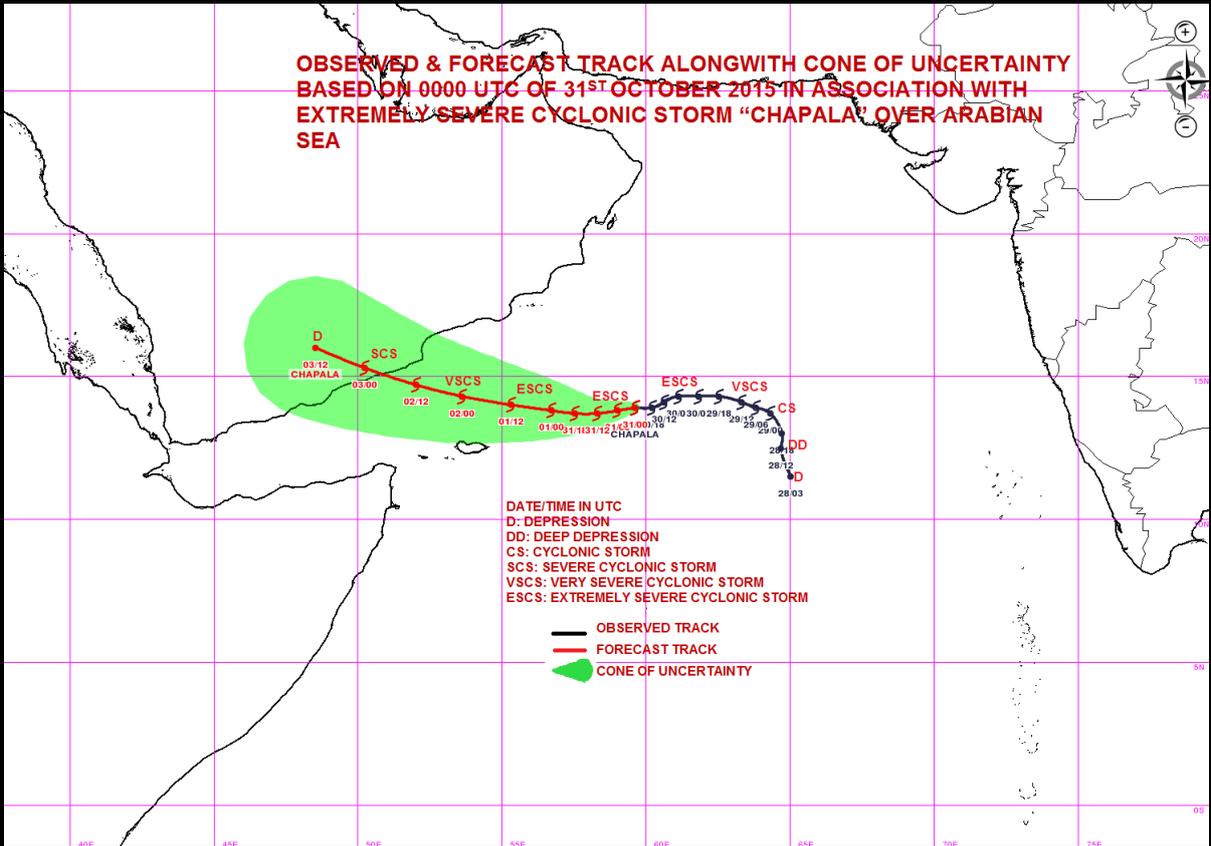
(M. Mohapatra)

Scientist-F & Head RSMC

Ph: 011-24631913, 24652484

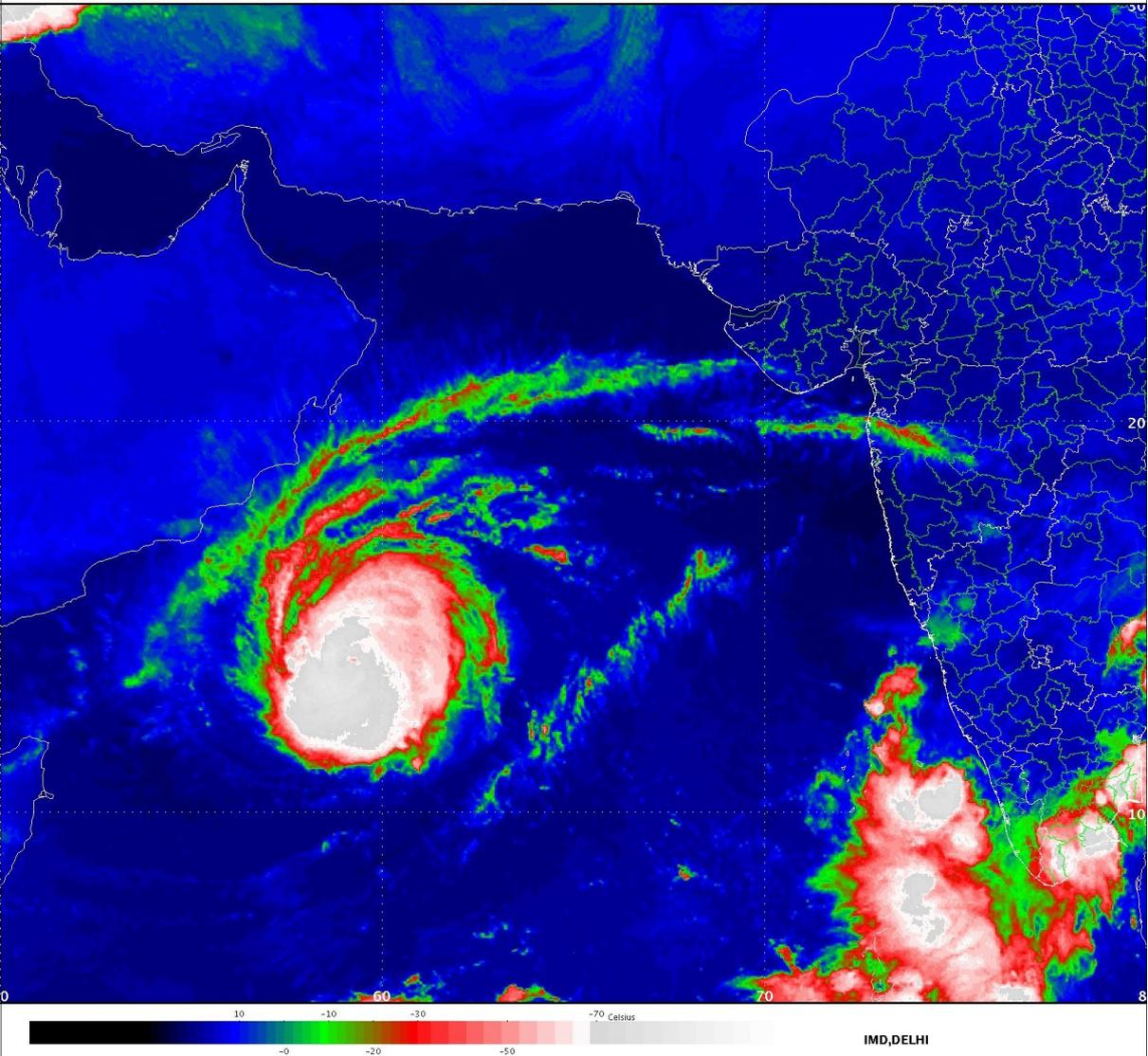
CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai (022-22630084).





SAT :INSAT-3D
 IMG_TIR1_TEMP 10.8 um
 SECTOR ARABIAN_SEA Mercator (NHC LUT)

31-10-2015/02:30 GMT
 31-10-2015/08:00 IST





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



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

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (25843825)
PIB MoES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF MAHARASTRA (FAX NO. 022- 22028594, 22822626)
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CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, GOVT. OF KERALA (FAX NO.0471-2327176)
ADMINISTRATOR, UNION TERRITORY OF LAKSHADWEEP (04896-262184)
ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI
(0260-2230775)

Time of issue: 1130 hours IST

Dated: 31.10.2015

Bulletin No.: ARB04/2015/09

Sub: Extremely Severe Cyclonic storm 'Chapala' over westcentral Arabian Sea

The **extremely severe cyclonic storm, 'Chapala'** over westcentral Arabian Sea moved west-southwestwards with a speed of about 12 kmph during past 6 hours and lay centered at 0830 hours IST of today, the 31st October 2015 near latitude 13.8°N and longitude 59.2°E, about 1560 km west-southwest of Mumbai and about 650 km southeast of Salalah (Oman). It would move nearly westwards during next 24 hours and then west-northwestwards and cross Yemen and adjoining Oman coast near latitude 15.0°N around midnight of 2nd November, 2015. Due to entrainment of dry air and lower Ocean thermal energy to the west of the system, the ESCS would weaken gradually into a very severe cyclonic storm during next 24 hours, further into a severe cyclonic storm in subsequent 24 hours and cross Yemen and adjoining Oman coast as a severe cyclonic storm.

As the system is moving away from the Indian coast, no adverse weather is expected along and off west coast of India.

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

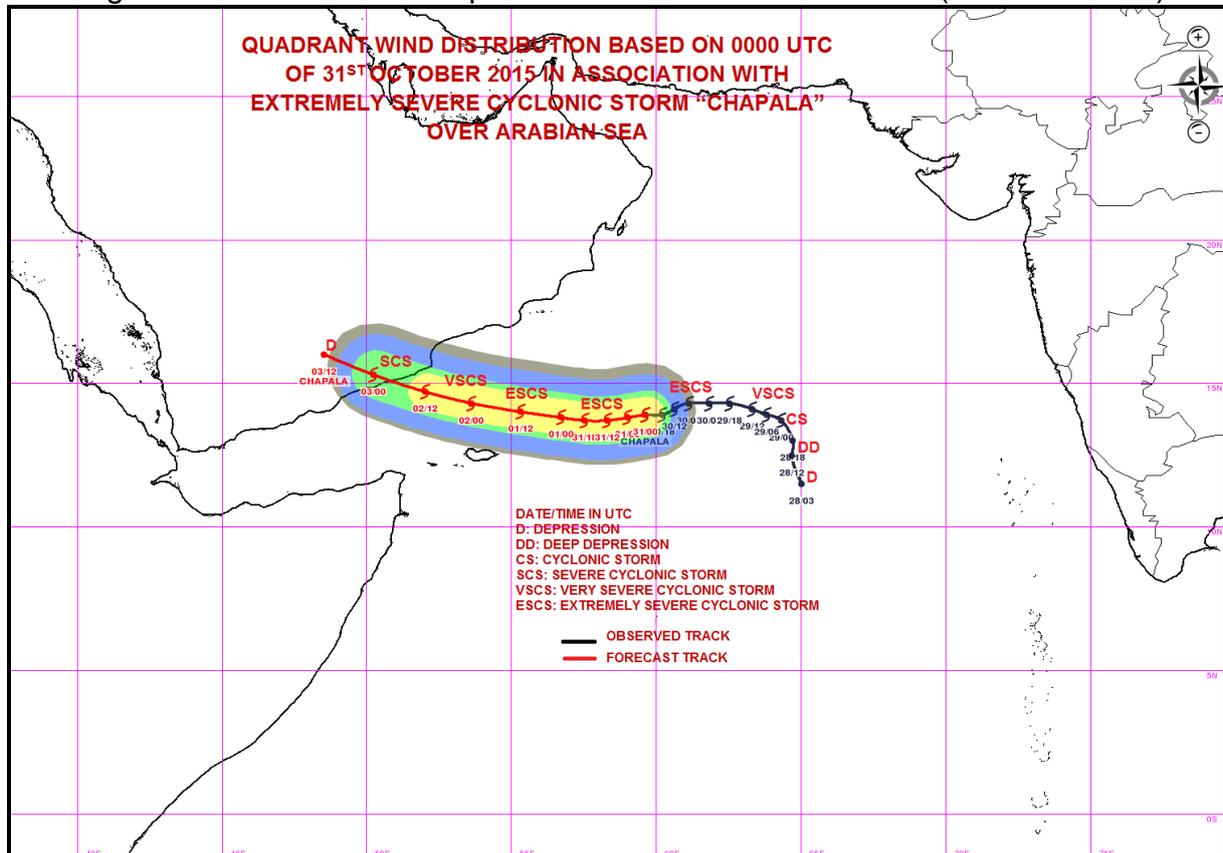
Date/time(IST)	Position (lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic Disturbance
31-10-2015/0830	13.8/59.2	200-210 gusting to 230	Extremely severe cyclonic storm

31-10-2015/1130	13.8/58.9	190-200 gusting to 210	Extremely severe cyclonic storm
31-10-2015/1730	13.7/58.2	180-190 gusting to 200	Extremely severe cyclonic storm
31-10-2015/2330	13.7/57.5	165-175 gusting to 195	Extremely severe cyclonic storm
01-11-2015/0530	13.8/56.7	155-165 gusting to 185	Very severe cyclonic storm
01-11-2015/1730	14.0/55.3	135-145 gusting to 165	Very severe cyclonic storm
02-11-2015/0530	14.3/53.6	115-125 gusting to 140	Very severe cyclonic storm
02-11-2015/1730	14.7/52.0	100-110 gusting to 120	Very severe cyclonic storm
03-11-2015/0530	15.3/50.2	90-100 gusting to 115	Severe cyclonic storm
03-11-2015/1730	16.0/48.5	45-55 gusting to 65	Depression

Next bulletin will be issued at 2030 hrs IST of 31st October, 2015

(M. Mohapatra)
 Scientist-F & Head RSMC
 Ph: 011-24631913, 24652484

CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai (022-22630084).





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



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

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
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UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF MAHARASTRA (FAX NO. 022- 22028594, 22822626)
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CHIEF SECRETARY, GOVT. OF KERALA (FAX NO.0471-2327176)
ADMINISTRATOR, UNION TERRITORY OF LAKSHADWEEP (04896-262184)
ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI
(0260-2230775)

Time of issue: 1930 hours IST

Dated: 31.10.2015

Bulletin No.: ARB04/2015/10

Sub: Extremely Severe Cyclonic storm 'Chapala' over westcentral Arabian Sea

The **extremely severe cyclonic storm, 'Chapala'** over westcentral Arabian Sea moved westwards with a speed of about 15 kmph during past 6 hours and lay centered at 1730 hours IST of today, the 31st October 2015 near latitude 13.8°N and longitude 57.9°E, about 1690 km west-southwest of Mumbai and about 540 km southeast of Salalah (Oman). It would move nearly westwards during next 12 hours and then west-northwestwards and cross Yemen and adjoining Oman coast near latitude 15.0°N around midnight of 2nd November, 2015. Due to entrainment of dry air and lower Ocean thermal energy to the west of the system, the ESCS would weaken gradually into a very severe cyclonic storm during next 24 hours, further into a severe cyclonic storm in subsequent 24 hours and cross Yemen and adjoining Oman coast as a severe cyclonic storm.

As the system is moving away from the Indian coast, no adverse weather is expected along and off west coast of India.

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
31-10-2015/1730	13.8/57.9	190-200 gusting to 220	Extremely severe cyclonic storm
31-10-2015/2330	13.8/57.1	180-190 gusting to 210	Extremely severe cyclonic storm
01-11-2015/0530	13.9/56.4	170-180 gusting to 195	Extremely severe cyclonic storm
01-11-2015/1130	14.0/55.7	160-170 gusting to 185	Extremely severe cyclonic storm
01-11-2015/1730	14.1/55.0	150-160 gusting to 175	Very severe cyclonic storm
02-11-2015/0530	14.4/53.6	130-140 gusting to 155	Very severe cyclonic storm

02-11-2015/1730	14.8/52.0	110-120 gusting to 135	Severe cyclonic storm
03-11-2015/0530	15.4/50.3	100-110 gusting to 120	Severe cyclonic storm
03-11-2015/1730	16.1/48.6	65-75 gusting to 85	Cyclonic storm
04-11-2015/0530	17.0/46.9	40-50 gusting to 60	Depression

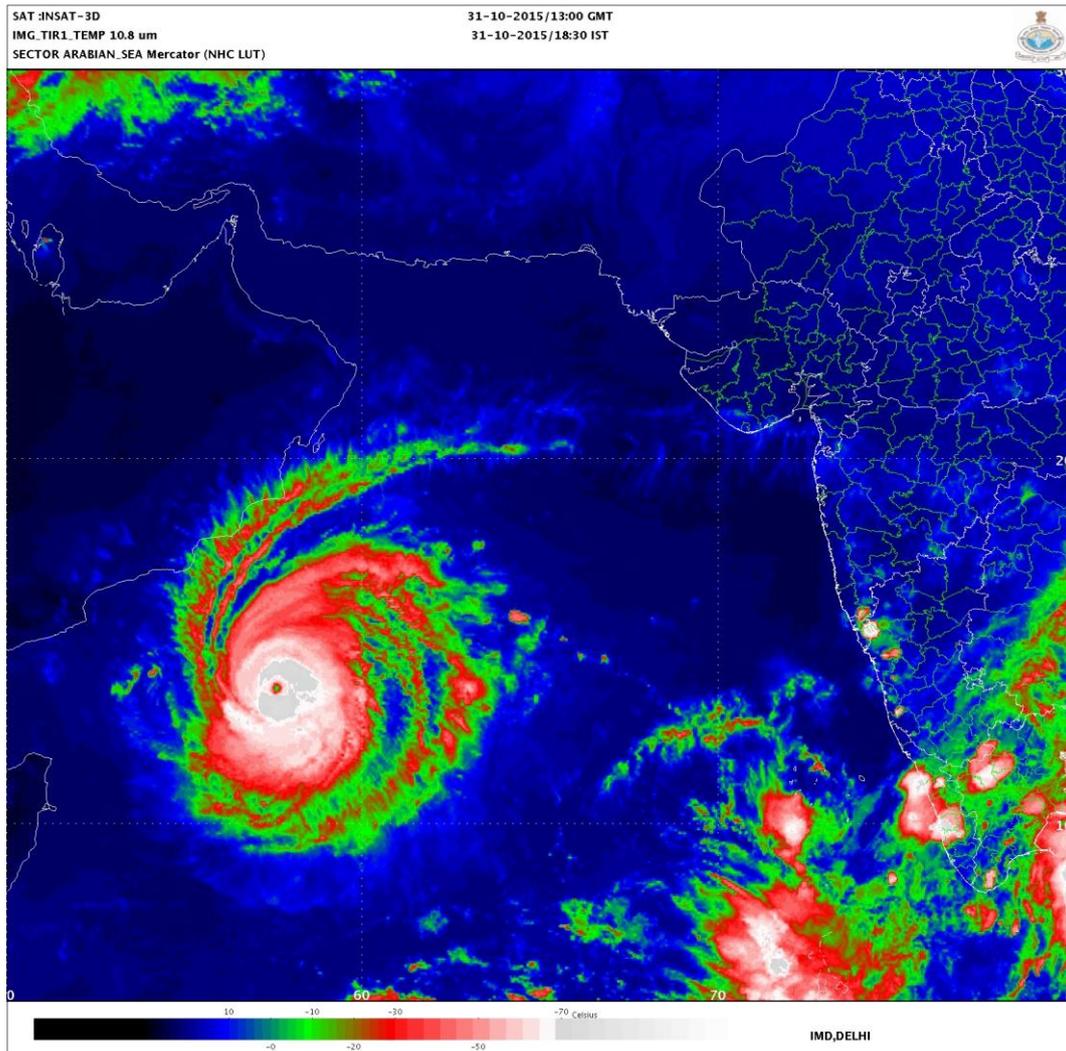
Next bulletin will be issued at 1130 hrs IST of 1st November, 2015

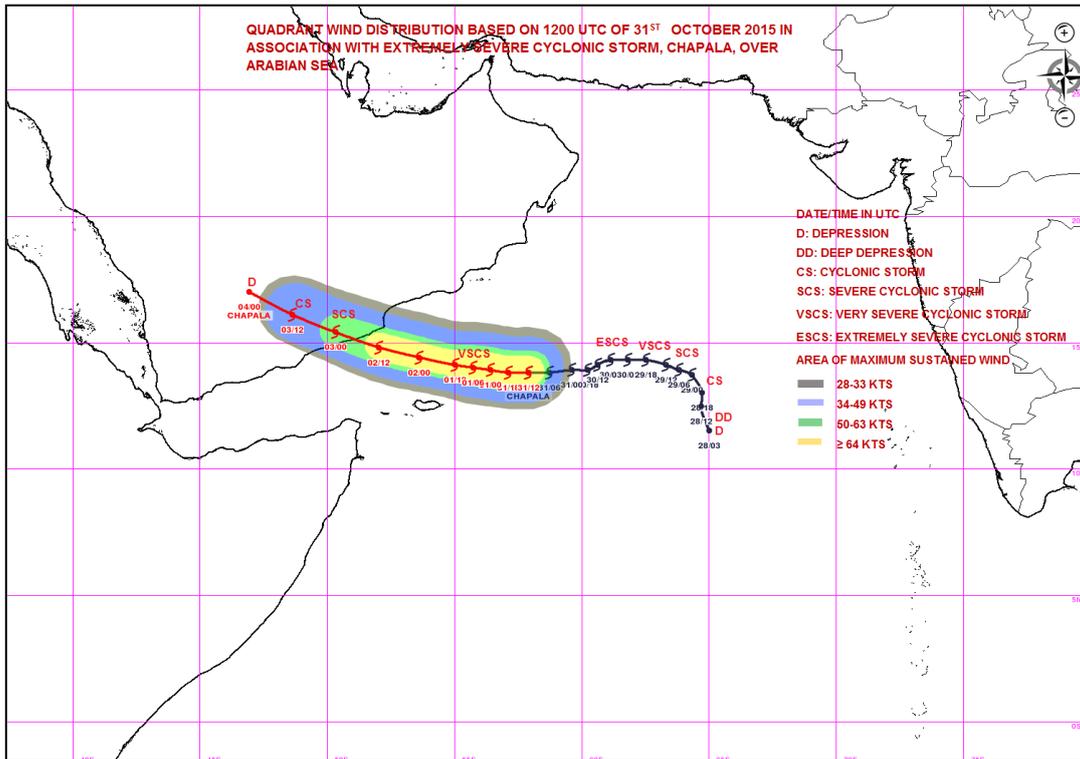
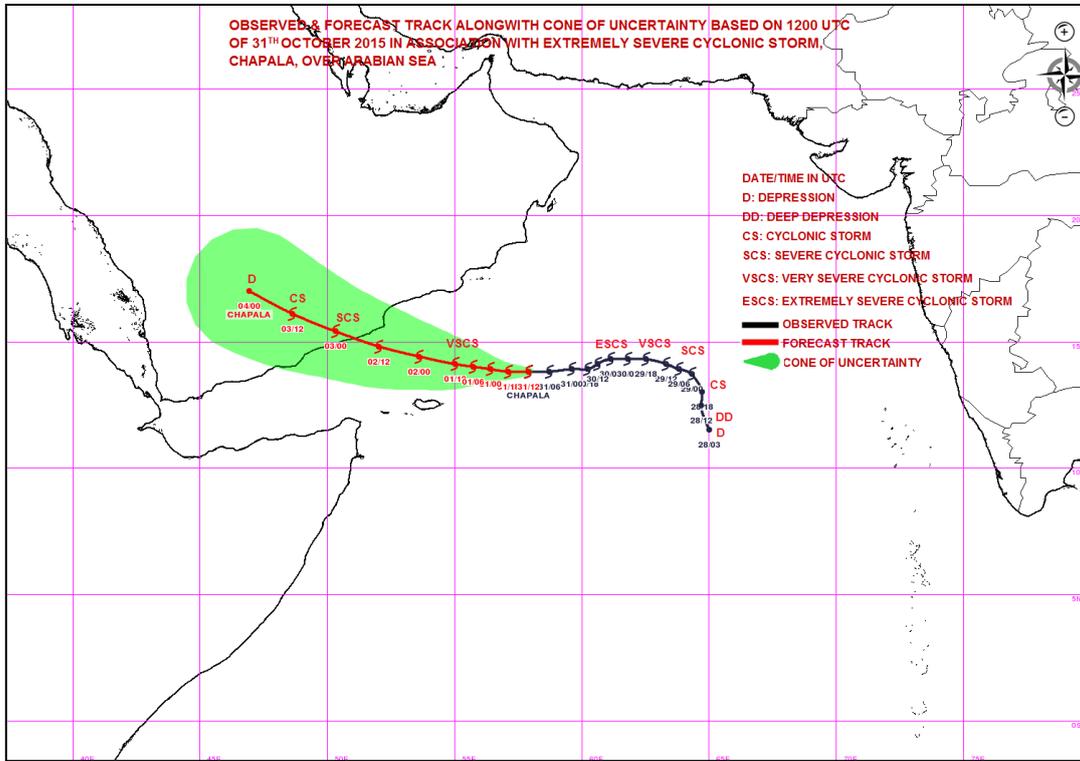
(M. Mohapatra)

Scientist-F & Head RSMC

Ph: 011-24631913,

24652484CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC
Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai
(022-22630084).







India Meteorological Department
(Earth System Science Organisation,
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ADMINISTRATOR, UNION TERRITORY OF LAKSHADWEEP (04896-262184)
ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI (0260-2230775)

Time of issue: 1100 hours IST

Dated: 01.11.2015

Bulletin No.: ARB04/2015/11

Sub: Extremely Severe Cyclonic storm 'Chapala' over westcentral Arabian Sea

The **extremely severe cyclonic storm**, 'Chapala' over westcentral Arabian Sea moved west-southwestwards with a speed of about 14 kmph during past 6 hours and lay centered at 0830 hours IST of today, the 1st November 2015 near latitude 13.6°N and longitude 56.1°E, about 430 km south-southeast of Salalah (Oman), 740 km east-southeast of Riyan (Yemen) and 260 km east-northeast of Socotra Island (Yemen). Due to entrainment of dry air and lower Ocean thermal energy, the extremely severe cyclonic storm would weaken gradually into a very severe cyclonic storm during next 24 hours. It would move nearly westwards during next 12 hours, then west-northwestwards and cross Yemen coast as a very severe cyclonic storm near latitude 15.0°N (about 100 km northeast of Riyan) around early hours of 3rd November, 2015.

No adverse weather is expected along and off west coast of India.

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
01-11-2015/0830	13.6/56.1	190-200 gusting to 220	Extremely severe cyclonic storm
01-11-2015/1130	13.6/55.7	180-190 gusting to 210	Extremely severe cyclonic storm
01-11-2015/1730	13.6/54.9	160-170 gusting to 185	Extremely severe cyclonic storm
01-11-2015/2330	13.7/54.1	150-160 gusting to 175	Very severe cyclonic storm
02-11-2015/0530	13.8/53.4	135-145 gusting to 160	Very severe cyclonic storm
02-11-2015/1730	14.3/51.6	120-130 gusting to 145	Very severe cyclonic storm
03-11-2015/0530	15.0/49.8	100-110 gusting to 120	Severe cyclonic storm
03-11-2015/1730	15.7/48.2	55-65 gusting to 75	Deep Depression
04-11-2015/0530	16.6/46.6	40-50 gusting to 60	Depression

Next bulletin will be issued at 2030 hrs IST of 1st November, 2015

(M. Mohapatra)

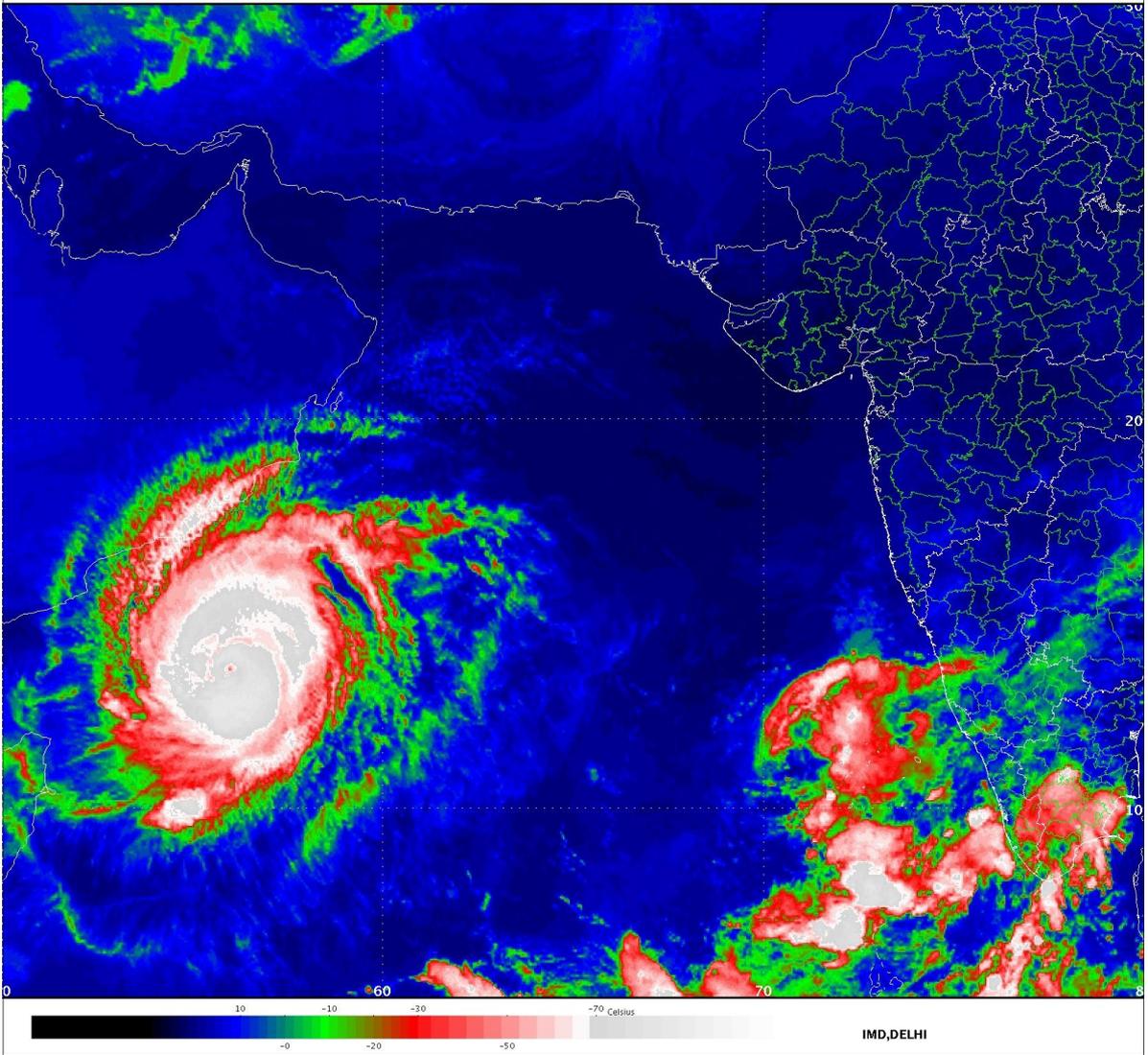
Scientist-F & Head RSMC

Ph: 011-24631913, 24652484

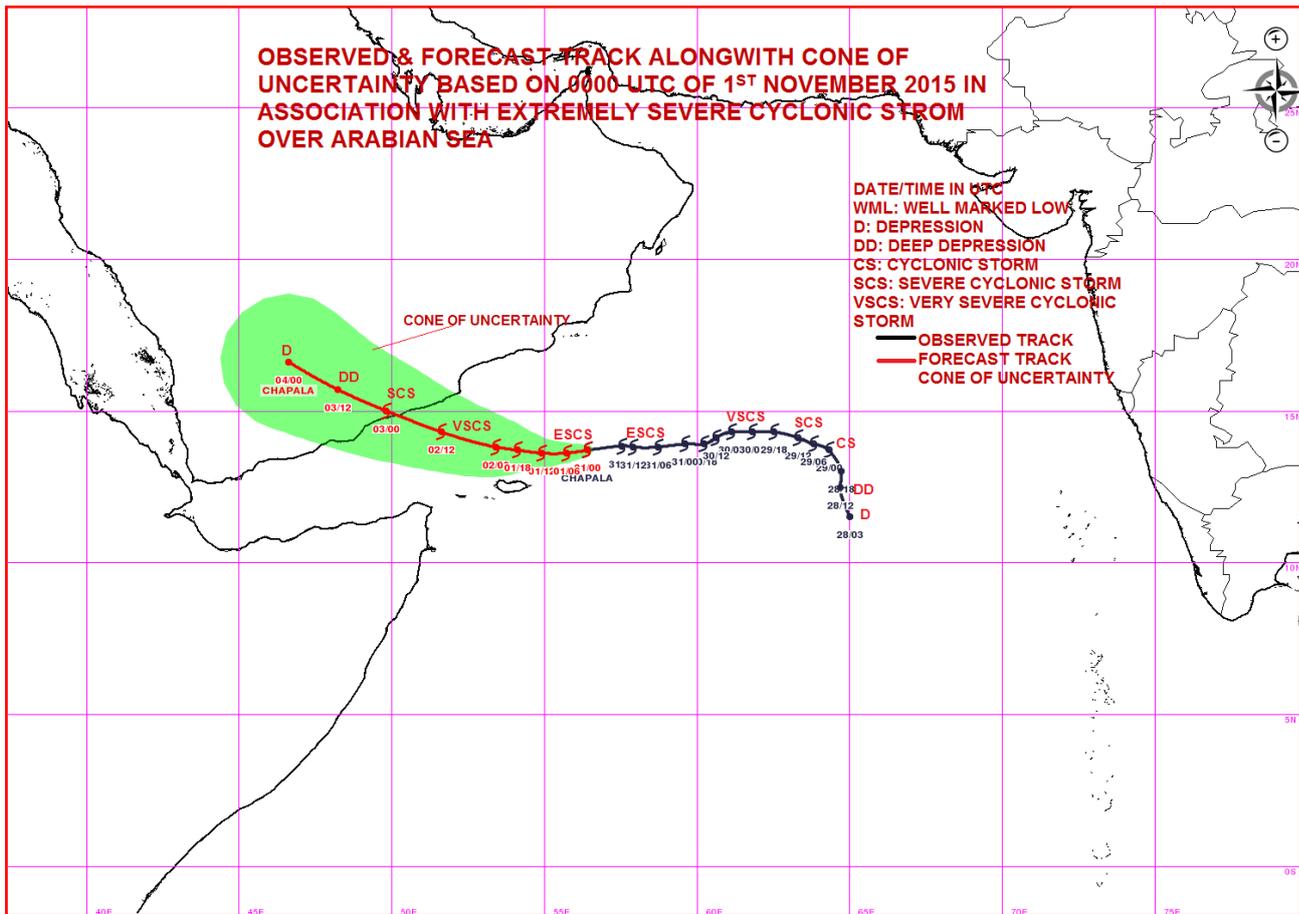
CC: DDGM (WF) Pune/ ACWC Chennai/ Mumbai,/ MC Goa/ CWC Ahmedabad/ MC Bengaluru/MC Thiruvananthapuram/ Command M.O. Mumbai (022-22630084).

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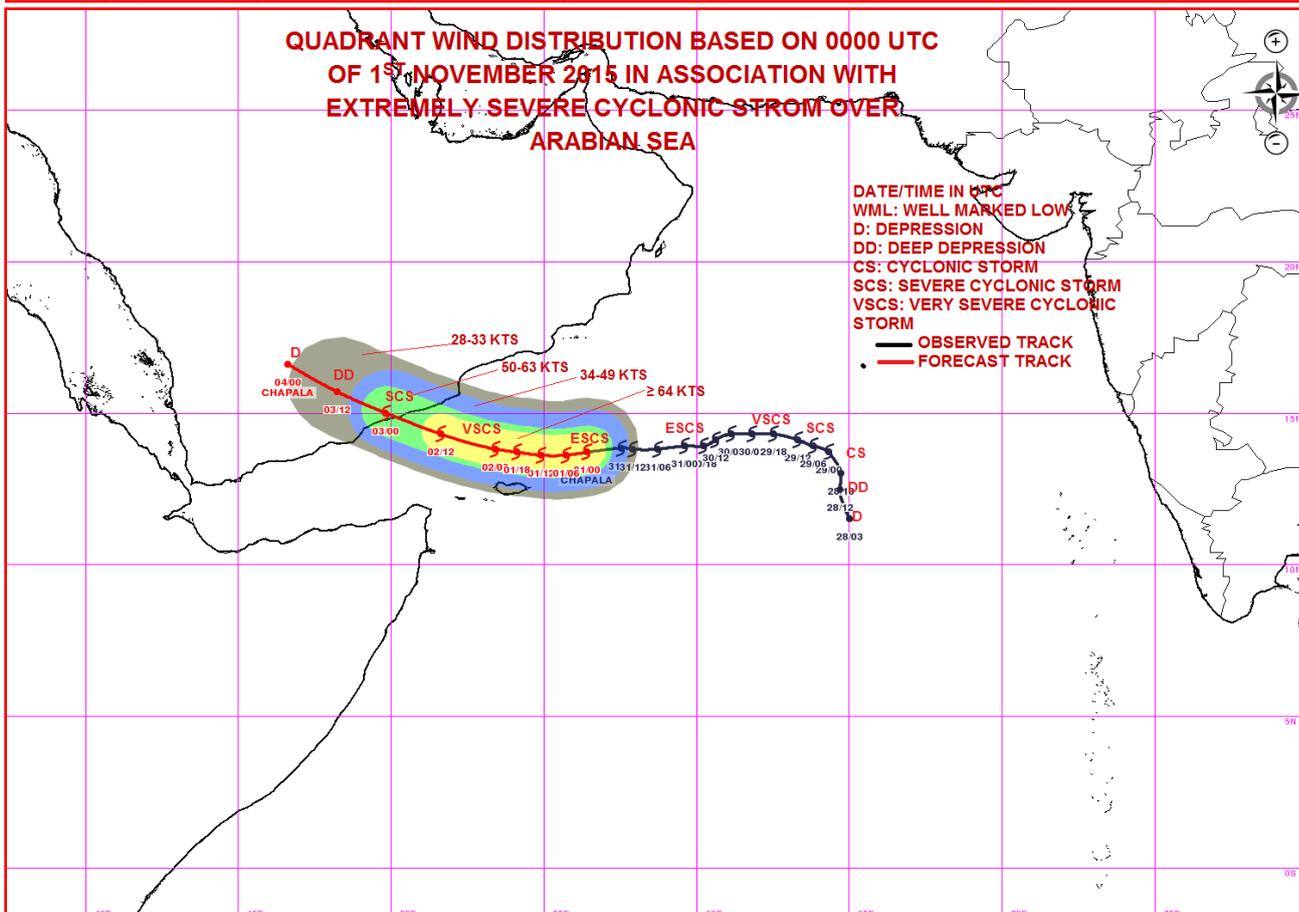
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01-11-2015/09:00 IST



OBSERVED & FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY BASED ON 0000 UTC OF 1ST NOVEMBER 2015 IN ASSOCIATION WITH EXTREMELY SEVERE CYCLONIC STORM OVER ARABIAN SEA



QUADRANT WIND DISTRIBUTION BASED ON 0000 UTC OF 1ST NOVEMBER 2015 IN ASSOCIATION WITH EXTREMELY SEVERE CYCLONIC STORM OVER ARABIAN SEA





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



FROM: INDIA METEOROLOGICAL DEPARTMENT (Fax No. 24699216/24623220)
To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
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CHIEF SECRETARY, GOVT. OF GOA (FAX NO. 0832-2415201)
CHIEF SECRETARY, GOVT. OF KARNATAKA (FAX NO. 080-22258913)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
ADMINISTRATOR, UNION TERRITORY OF LAKSHADWEEP (04896-262184)
ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI
(0260-2230775)

Sub: Extremely Severe Cyclonic storm 'Chapala' over westcentral Arabian Sea
Bulletin No.: ARB04/2015/12

Dated: 01.11.2015

Time of issue: 1930 hours IST

The **extremely severe cyclonic storm, 'Chapala'** over westcentral Arabian Sea moved westwards with a speed of about 18 kmph during past 6 hours and lay centered at 1730 hours IST of today, the 1st November 2015 near latitude 13.6°N and longitude 54.6°E, about 380 km south-southeast of Salalah (Oman), 590 km east-southeast of Riyan (Yemen) and 130 km north-northeast of Socotra Island (Yemen). Due to entrainment of dry air and lower Ocean thermal energy, the extremely severe cyclonic storm would weaken gradually into a very severe cyclonic storm during next 24 hours. It would move nearly westwards during next 12 hours, then west-northwestwards and cross Yemen coast near Riyan as a very severe cyclonic storm around early hours of 3rd November, 2015.

No adverse weather is expected along and off west coast of India.

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

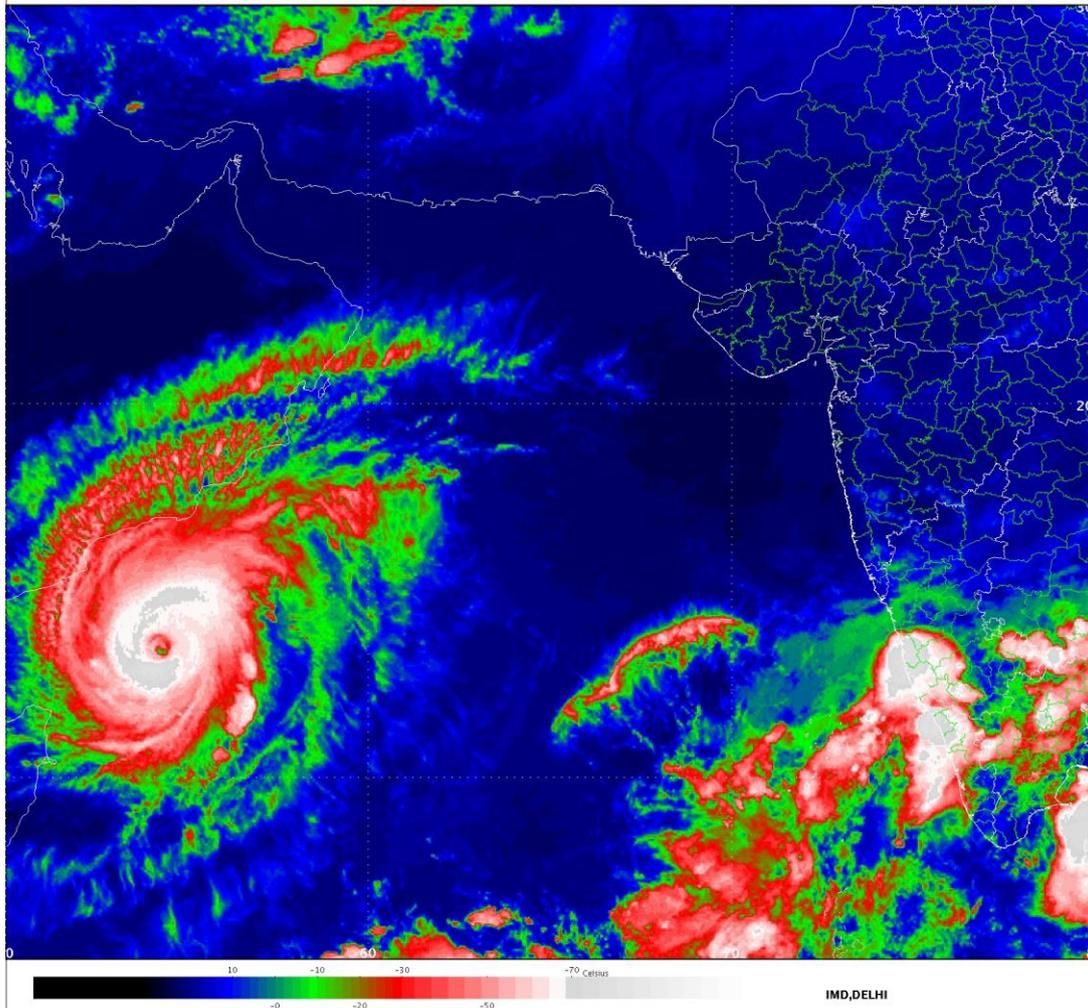
Date/time(IST)	Position (lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic Disturbance
01-11-2015/1730	13.6/54.6	180-190 gusting to 210	Extremely severe cyclonic storm
01-11-2015/2330	13.6/53.7	170-180 gusting to 200	Extremely severe cyclonic storm
02-11-2015/0530	13.7/52.8	160-170 gusting to 185	Extremely severe cyclonic storm
02-11-2015/1130	13.9/51.9	140-150 gusting to 165	Very severe cyclonic storm
02-11-2015/1730	14.1/51.0	125-135 gusting to 150	Very severe cyclonic storm
03-11-2015/0530	14.7/49.2	110-120 gusting to 130	Severe cyclonic storm
03-11-2015/1730	15.3/47.4	55-65 gusting to 75	Deep Depression
04-11-2015/0530	15.9/45.8	40-50 gusting to 60	Depression

Next bulletin will be issued at 1130 hrs IST of 2nd November, 2015

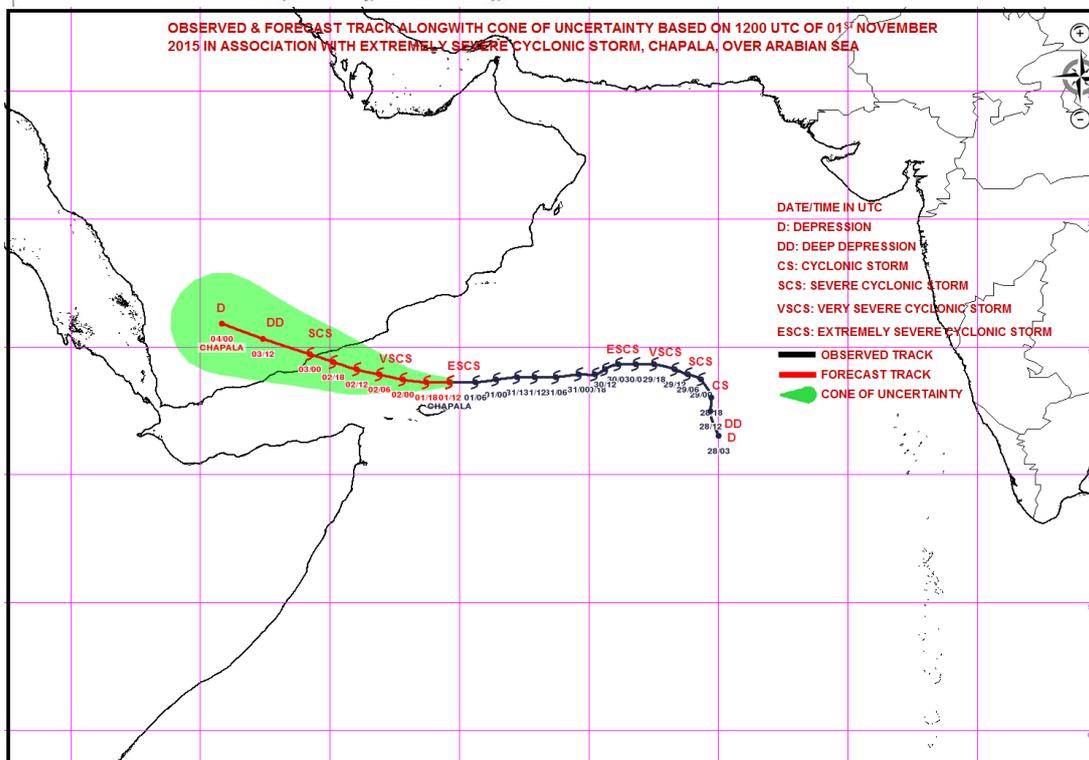
(M. Mohapatra)
Scientist-F & Head

RSMC

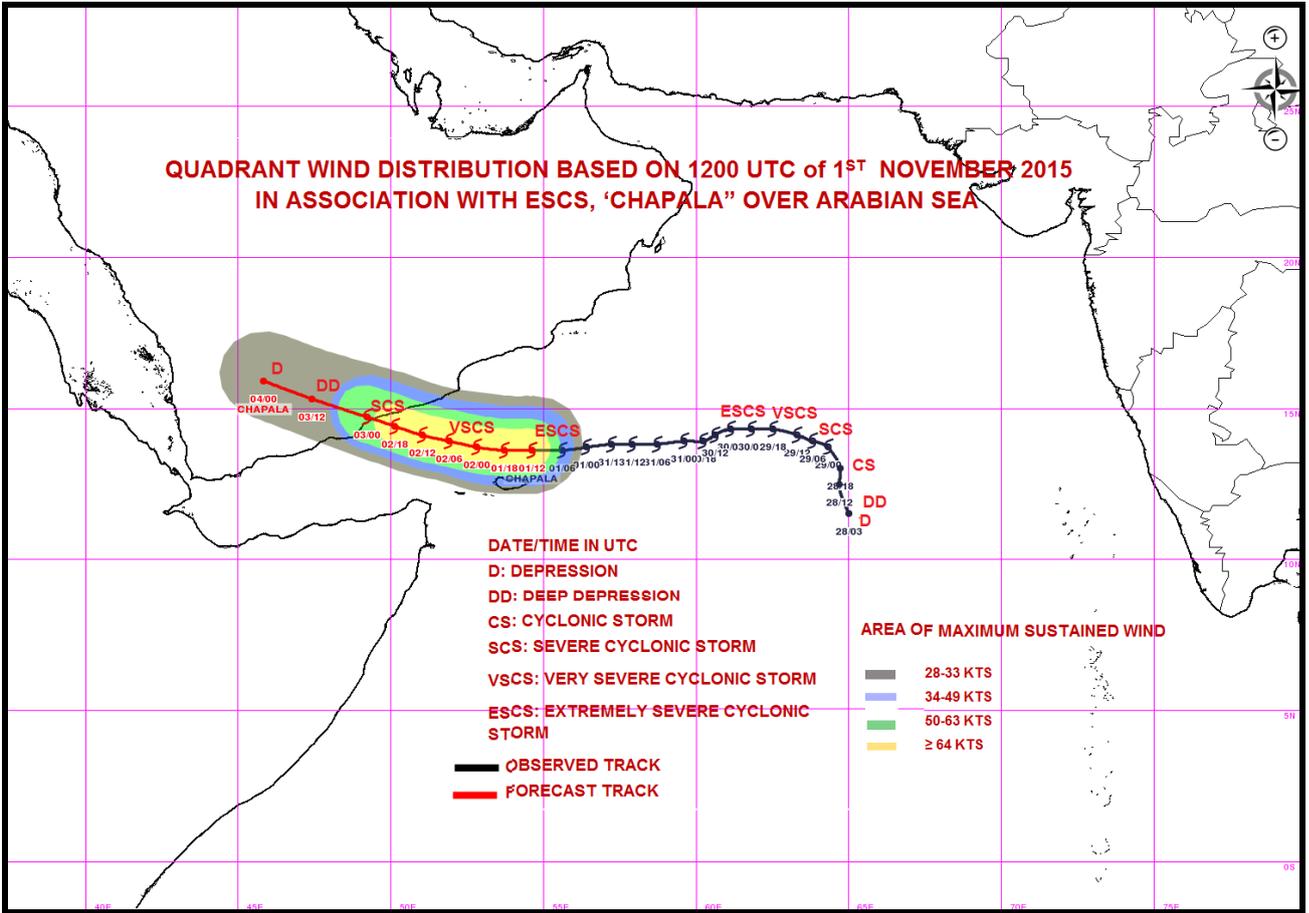
Ph: 011-24631913, 24652484



OBSERVED & FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY BASED ON 1200 UTC OF 01ST NOVEMBER 2015 IN ASSOCIATION WITH EXTREMELY SEVERE CYCLONIC STORM, CHAPALA, OVER ARABIAN SEA



**QUADRANT WIND DISTRIBUTION BASED ON 1200 UTC of 1ST NOVEMBER 2015
IN ASSOCIATION WITH ESCS, 'CHAPALA' OVER ARABIAN SEA**





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



Extremely Severe Cyclonic storm 'Chapala' over westcentral Arabian Sea
Bulletin No.: ARB04/2015/13

Dated: 02.11.2015

Time of issue: 1130 hours IST

The **extremely severe cyclonic storm, 'Chapala'** over westcentral Arabian Sea moved west-southwestwards with a speed of about 20 kmph during past 6 hours and lay centered at 0830 hours IST of today, the 2nd November 2015 near latitude **13.2** degree North and longitude **52.2** degree East, about **470** km south-southwest of Salalah (Oman) (41316), **350** km southeast of Riyan (Yemen) (41443) and about **190** km west-northwest of Socotra Island (41494) (Yemen).it would weaken gradually into a very severe cyclonic storm during next 12 hours. It would move nearly westwards during next 12 hours, then west-northwestwards and cross Yemen coast south of Riyan as a very severe cyclonic storm around noon of 3rd November, 2015.

No adverse weather is expected along and off west coast of India.

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

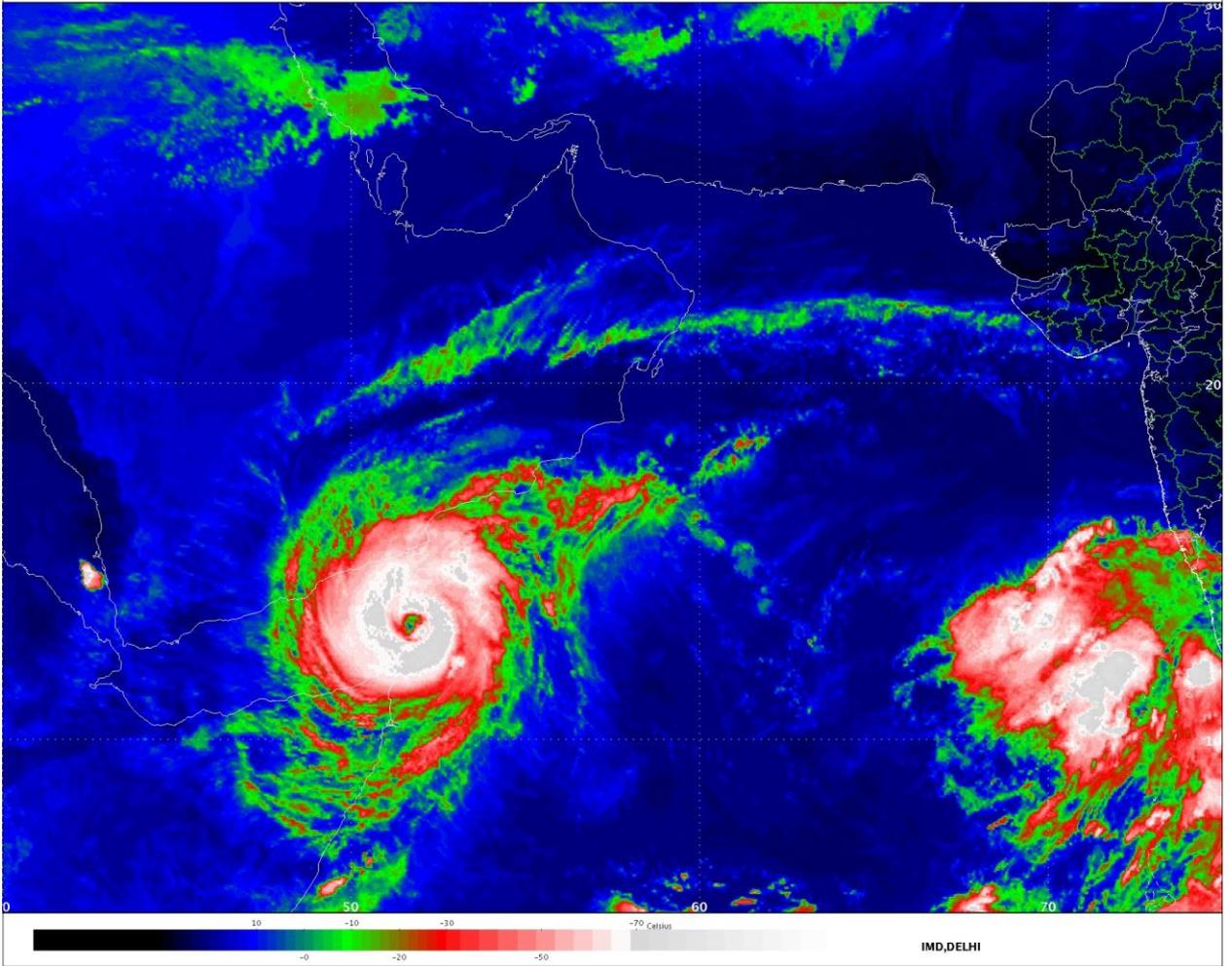
Date/time(IST)	Position (lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic Disturbance
02-11-2015/0830	13.2/52.2	170-180 gusting to 195	Extremely severe cyclonic storm
02-11-2015/1130	13.1/51.5	160-170 gusting to 185	Extremely severe cyclonic storm
02-11-2015/1730	13.1/50.5	150-160 gusting to 175	Very severe cyclonic storm
02-11-2015/2330	13.2/49.5	140-150 gusting to 155	Very severe cyclonic storm
03-11-2015/0530	13.5/48.5	130-140 gusting to 155	Very severe cyclonic storm
03-11-2015/1730	14.2/46.7	100-110 gusting to 120	Severe cyclonic storm
04-11-2015/0530	14.9/45.4	55-65 gusting to 75	Deep Depression
04-11-2015/1730	15.6/44.2	40-50 gusting to 60	Depression

Next bulletin will be issued at 1030 hrs IST of 2nd November, 2015

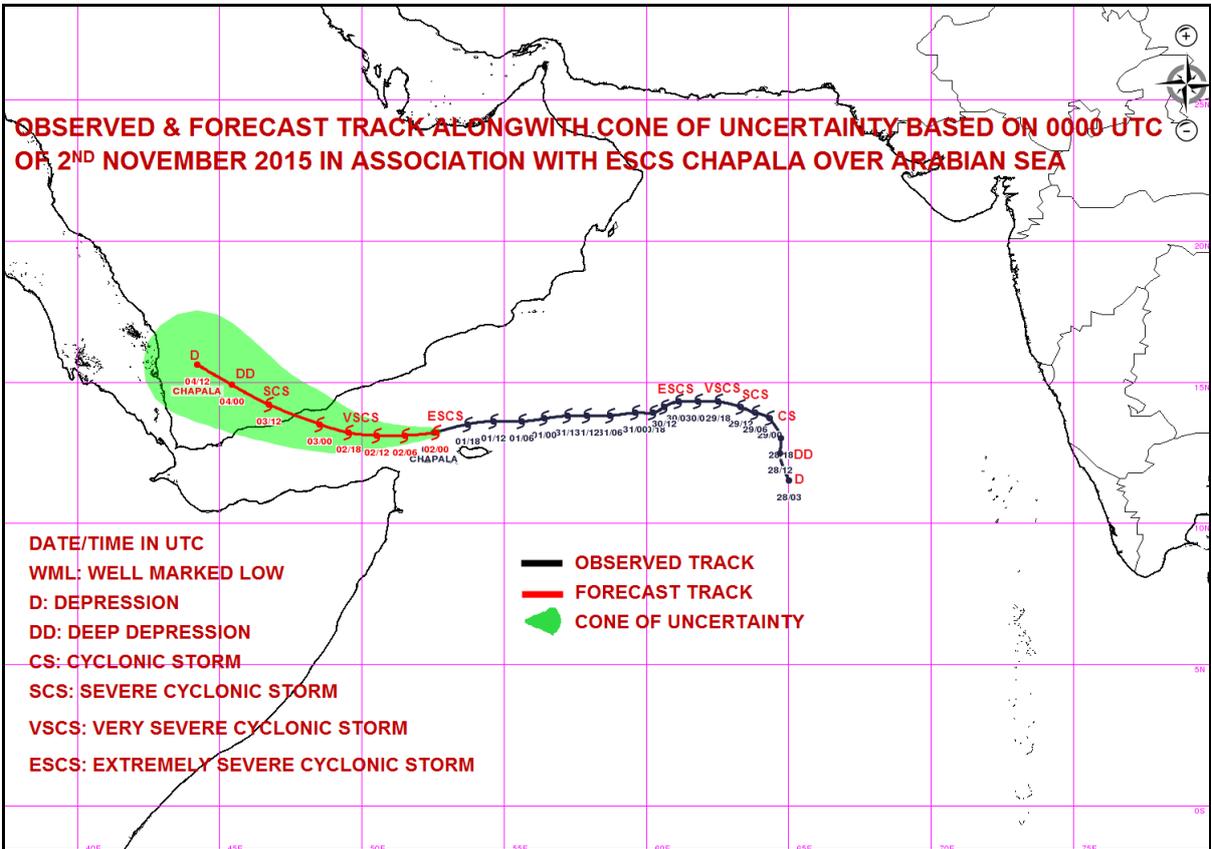
(M. Mohapatra)
Scientist-F & Head RSMC
Ph: 011-24631913, 24652484

SAT :INSAT-3D
IMG_TIR1_TEMP 10.8 um
SECTOR ARABIAN_SEA Mercator (NHC LUT)

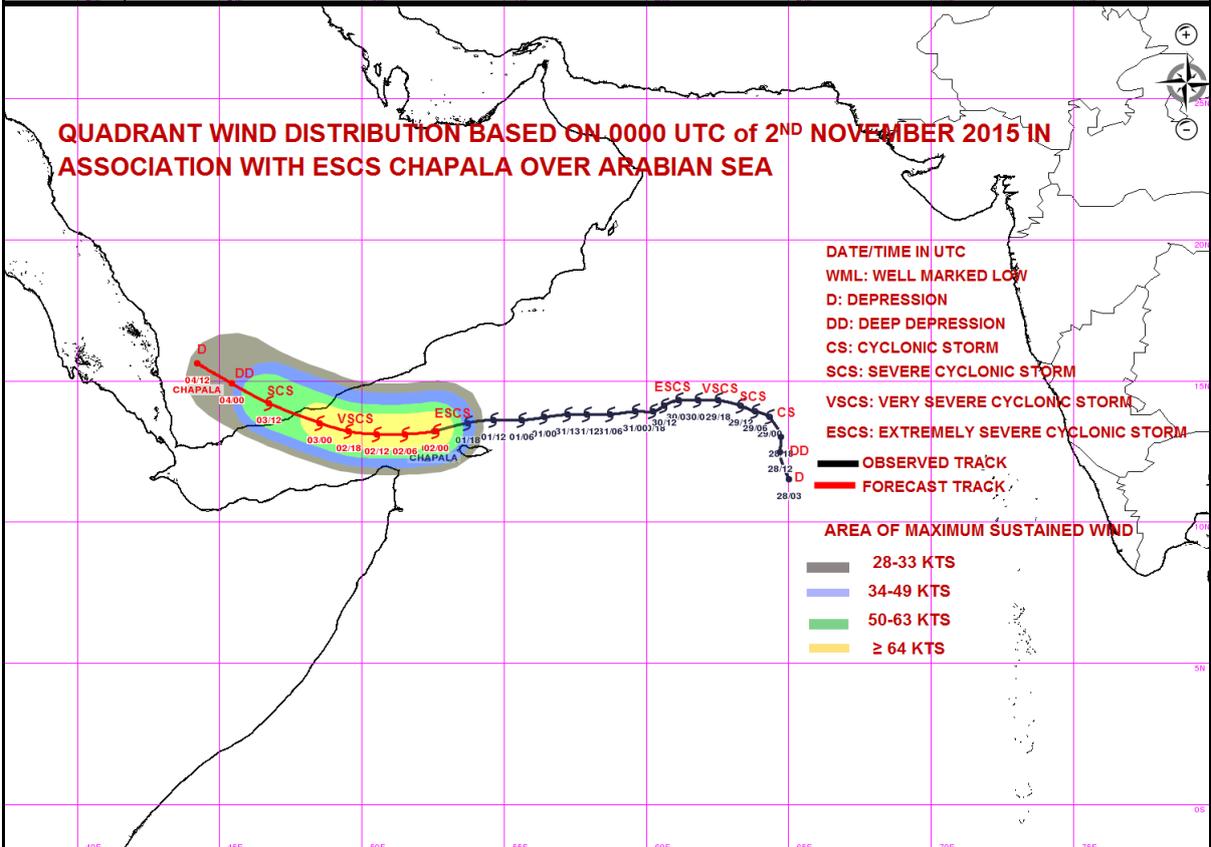
02-11-2015/04:30 GMT
02-11-2015/10:00 IST



OBSERVED & FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY BASED ON 0000 UTC OF 2ND NOVEMBER 2015 IN ASSOCIATION WITH ESCS CHAPALA OVER ARABIAN SEA



QUADRANT WIND DISTRIBUTION BASED ON 0000 UTC OF 2ND NOVEMBER 2015 IN ASSOCIATION WITH ESCS CHAPALA OVER ARABIAN SEA





**Extremely Severe Cyclonic storm 'Chapala' over westcentral Arabian Sea
weakened into Very severe cyclonic storm**
Bulletin No.: ARB04/2015/14

Dated: 02.11.2015

Time of issue: 2000 hours IST

The **extremely severe cyclonic storm**, 'Chapala' over westcentral Arabian Sea moved west-northwestwards with a speed of about 20 kmph during past 6 hours, weakened into a **very severe cyclonic storm** and lay centered at 1730 hours IST of today, the 2nd November 2015 over Gulf of Aden and adjoining westcentral Arabian Sea near latitude **13.4** degree North and longitude **50.5** degree East, about 180 km southeast of Riyan (Yemen) and 550 km southwest of Salalah (Oman). It would move west-northwestwards, weaken further and cross Yemen coast to the south of Riyan as a very severe cyclonic storm with maximum sustained wind speed of 120 to 130 kmph gusting to 145 kmph by noon of 3rd November, 2015.

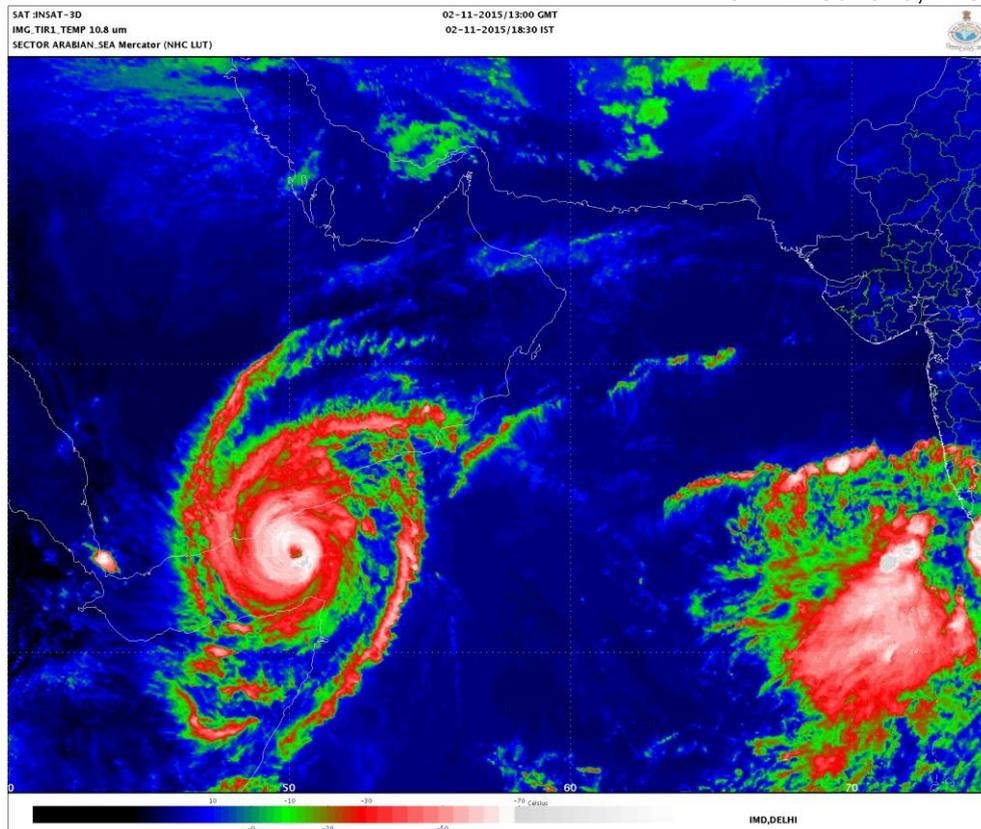
No adverse weather is expected along and off west coast of India.

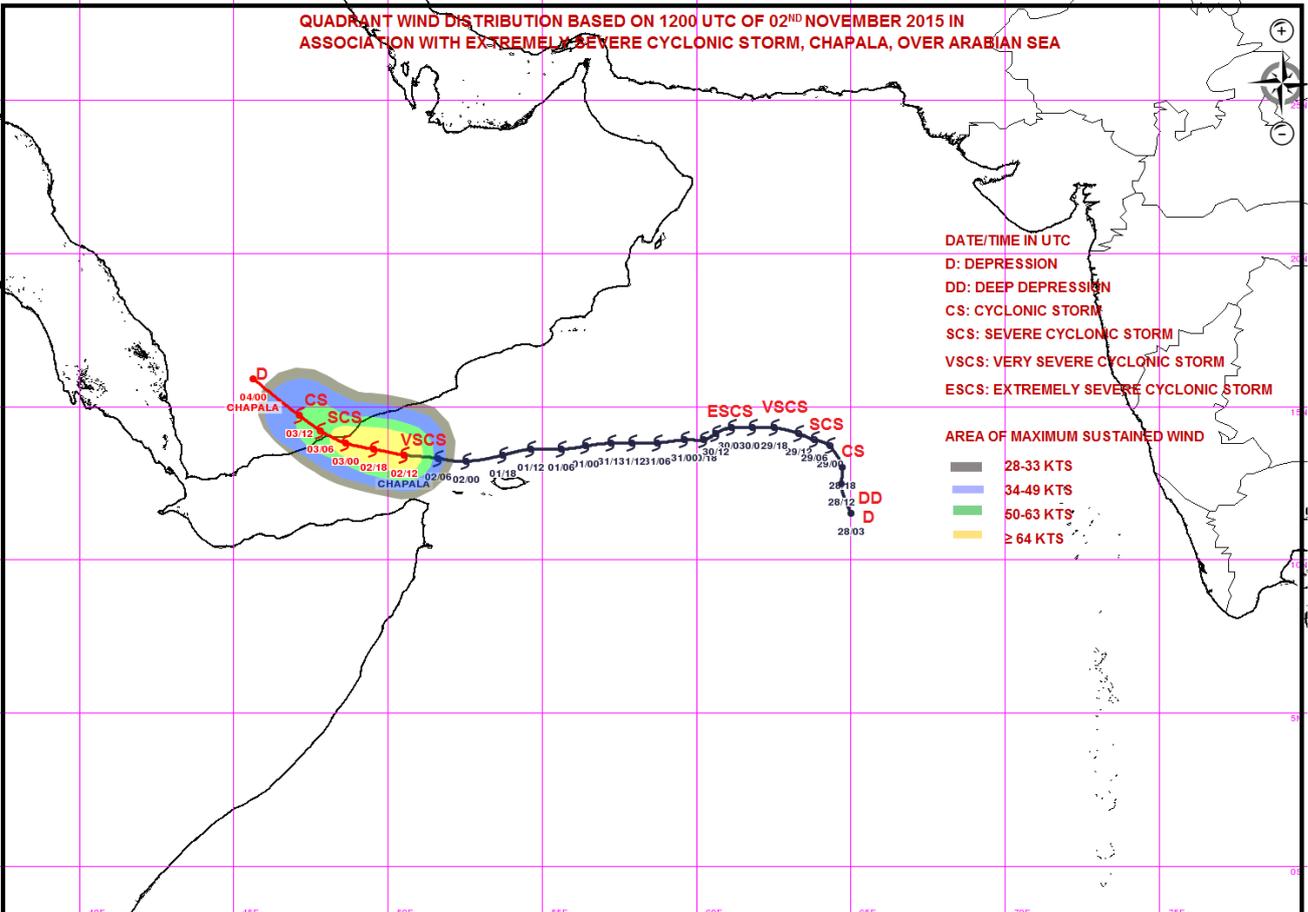
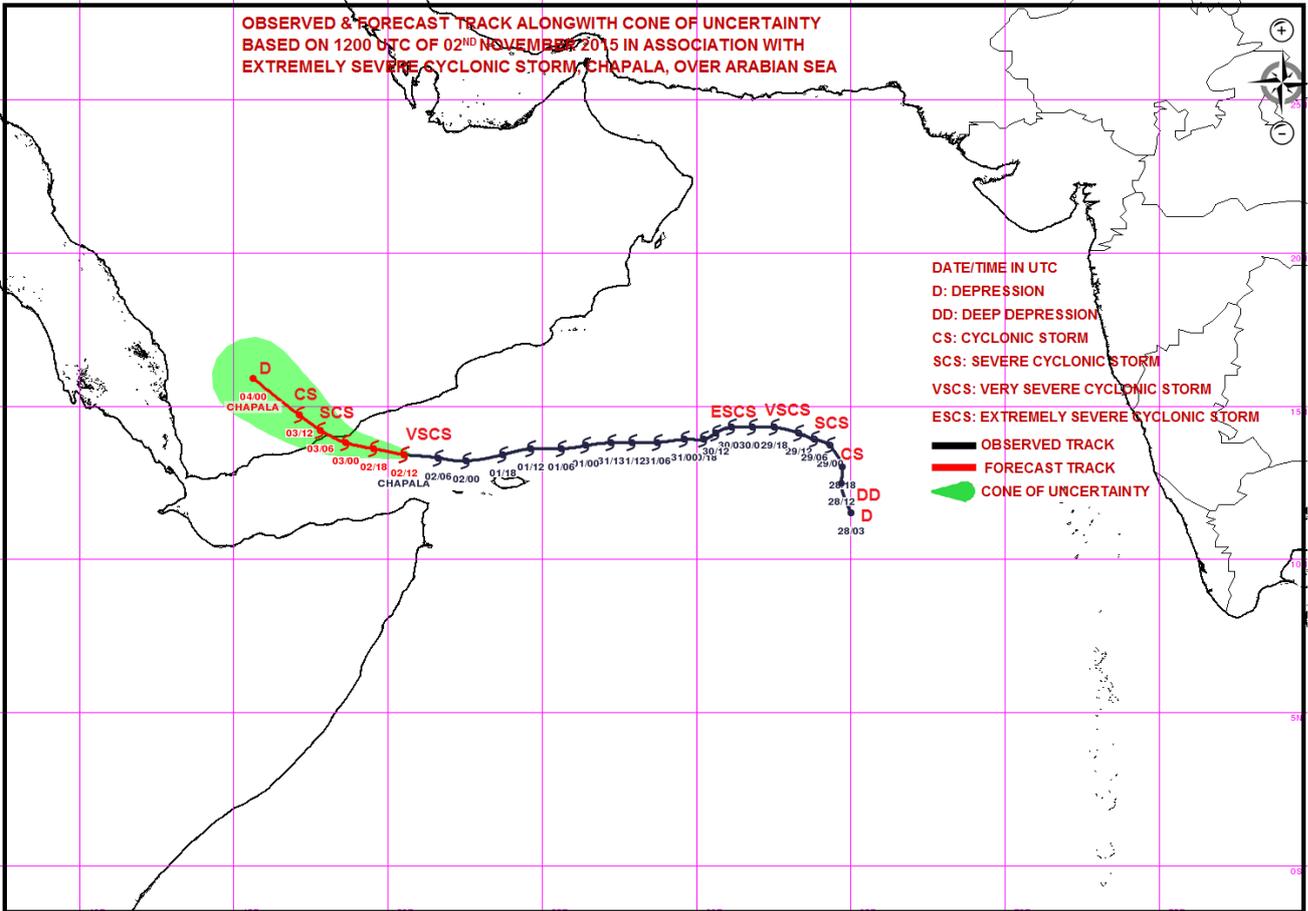
FORECAST FOR TRACK AND INTENSITY OF THE SYSTEM ARE GIVEN IN THE TABLE BELOW

Date/time(IST)	Position (lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic Disturbance
02-11-2015/1730	13.4/50.5	150-160 gusting to 175	Very severe cyclonic storm
02-11-2015/2330	13.6/49.5	140-150 gusting to 165	Very severe cyclonic storm
03-11-2015/0530	13.8/48.6	130-140 gusting to 155	Very severe cyclonic storm
03-11-2015/1130	14.2/47.8	110-120 gusting to 135	Severe cyclonic storm
03-11-2015/1730	14.7/47.1	70-80 gusting to 90	Cyclonic storm
04-11-2015/0530	15.9/45.6	40-50 gusting to 60	Depression

Next bulletin will be issued at 1130 hrs IST of 3rd November, 2015

(M. Mohapatra)
Scientist-F & Head RSMC
Ph: 011-24631913, 24652484







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



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

To: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23793144)
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SECRETARY, MoES, (Fax No. 24629777)
SECRETARY, DST (Fax No. 26863847/-2418)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
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DIRECTOR GENERAL, AIR (25843825)
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D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX No. 26105912)
CHIEF SECRETARY, GOVT. OF MAHARASTRA (FAX NO. 022- 22028594, 22822626)
CHIEF SECRETARY, GOVT. OF GOA (FAX NO. 0832-2415201)
CHIEF SECRETARY, GOVT. OF KARNATAKA (FAX NO. 080-22258913)
CHIEF SECRETARY, GOVT. OF GUJARAT (FAX NO. 079-23250305)
ADMINISTRATOR, UNION TERRITORY OF LAKSHADWEEP (04896-262184)
ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU AND DADRA NAGAR HAVELI (0260-2230775)

Sub: Very Severe Cyclonic storm 'Chapala' crossed Yemen coast

Bulletin No.: ARB04/2015/15

Dated: 03.11.2015

Time of issue: 1130 hours IST

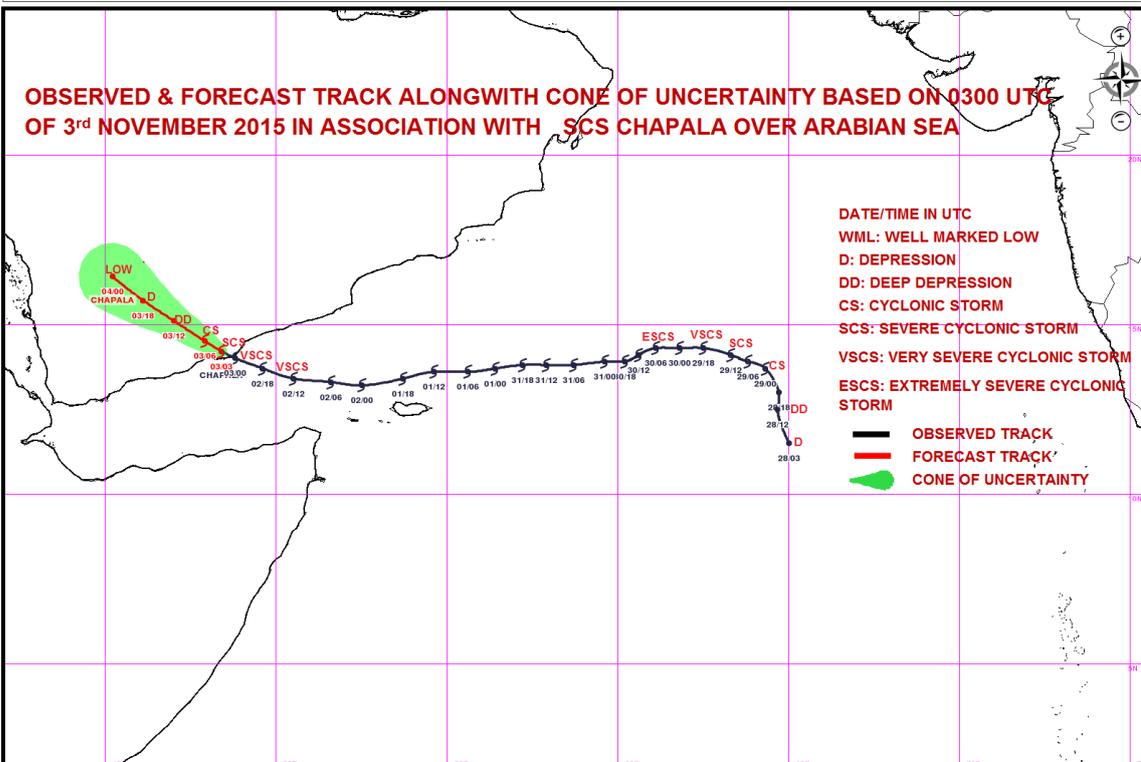
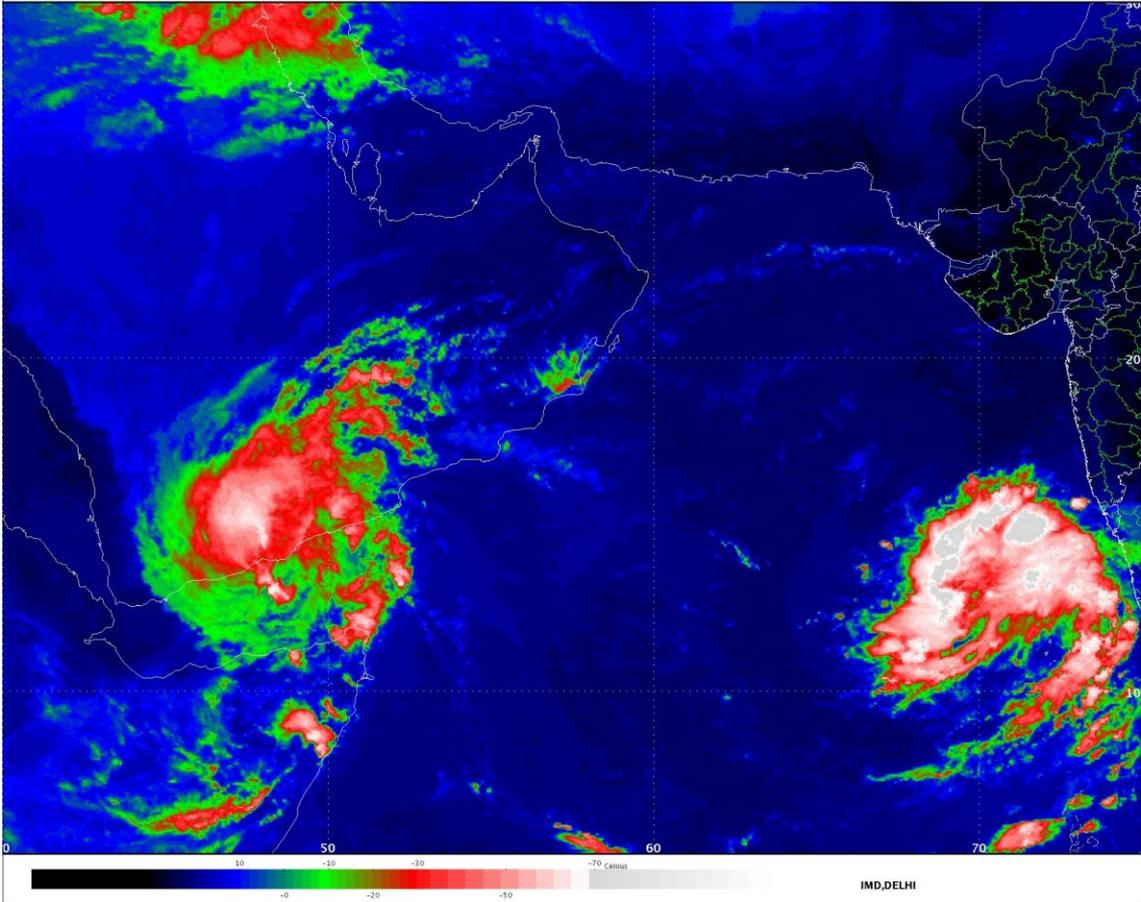
The **Very Severe Cyclonic Storm, 'Chapala'** over Gulf of Aden and adjoining westcentral Arabian Sea moved west-northwestwards, crossed Yemen coast to the southwest of Ryan, near latitude **14.1** degree north and longitude **48.65** degree east during 0630-0730 hrs IST of today as a very severe cyclonic storm with a maximum sustained wind speed of 120-130 kmph gusting to 145 kmph. It then continued to move west-northwestwards, weakened into a **Severe Cyclonic Storm** and lay centered at 0830 hrs IST of today, the 3rd November 2015 over Yemen, near latitude **14.2** degree north and longitude **48.4** degree east about 100 km southwest of Riyan (Yemen). It would move west-northwestwards and weaken further rapidly into a **Cyclonic Storm** and subsequently into a **Depression** during next 12 hours.

FORECAST FOR 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
03-11-2015/0830	14.2/48.4	100-110 gusting to 125	Severe cyclonic storm
03-11-2015/1130	14.5/47.9	80-90 gusting to 100	Cyclonic storm
03-11-2015/1730	15.1/47.0	55-65 gusting to 75	Deep Depression
03-11-2015/2330	15.7/46.1	40-50 gusting to 60	Depression
04-11-2015/0530	16.4/45.2	20-30 gusting to 40	Low Pressure Area

This is the last bulletin on this system

(M. Mohapatra)
Scientist-F & Head RSMC
Ph: 011-24631913, 24652484



QUADRANT WIND DISTRIBUTION BASED ON 0300 UTC of 3RD NOVEMBER 2015 IN ASSOCIATION WITH SCS CHAPALA. OVER ARABIAN SEA

