



**REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI
SPECIAL TROPICAL WEATHER OUTLOOK**

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 26-07-2015

SPECIAL TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 72 HOURS ISSUED AT 0600 UTC OF 26 July, 2015 BASED ON 0300 UTC OF 26 July, 2015

A DEPRESSION HAS FORMED OVER NORTHEAST BAY OF BENGAL AND ADJOINING AREAS OF COASTAL BANGLADESH & WEST BENGAL and LAY CENTRED AT 0300 UTC OF TODAY, THE 26TH JULY 2015 NEAR LATITUDE 22.0⁰ NORTH AND LONGITUDE 90.8⁰ EAST , ABOUT 60 KM SOUTHEAST OF PATUAKHALI (41960). THE SYSTEM WOULD REMAIN STATIONARY AND MAY CONCENTRATE INTO A DEEP DEPRESSION DURING NEXT 48 HOURS.

BROKEN LOW/MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LIES OVER NORTH BAY AND NEIGHBOURHOOD IN ASSOCIATION WITH THE DEPRESSION.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 25 KNOTS GUSTING TO 35 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS ROUGH TO VERY ROUGH AROUND THE SYSTEM CENTRE. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 1000 HPA.

REMARKS:

THE DEPRESSION LIES CLOSE THE UPPER TROPOSPHERIC RIDGE, WHICH RUNS ALONG 22⁰N. THE LOW LEVEL CONVERGENCE ALONGWITH LOW LEVEL RELATIVE VORTICITY AND UPPER LEVEL DIVERGENCE HAVE INCREASED DURING PAST 24 HRS. THE VERTICAL WIND SHEAR IS MODERATE (10-20 KNOTS) AROUND SYSTEM CENTRE. THE MADDEN JULLIAN OSCILLATION (MJO) INDEX LIES OVER PHASE 2 WITH AMPLITUDE LESS THAN 1. NWP MODELS SUGGEST THAT MJO WOULD CONTINUE IN PHASE 2 DURING NEXT 3 DAYS WITH AMPLITUDE LESS THAN 1.THERE IS LARGE CONSENSUS AMONG THE NWP MODELS WITH RESPECT TO TRACK AND INTENSIFICATION DURING NEXT 48 HRS..

THE NEXT BULLETIN WILL BE ISSUED AT 1500 UTC OF 26TH JULY 2015.

**(DUTY OFFICER)
RSMC, NEW DELHI**

TOO: 26/1130 HRS IST

**PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%**

**Contact: Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220,
E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in**



**REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI
SPECIAL TROPICAL WEATHER OUTLOOK**

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 27-07-2015

SPECIAL TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 72 HOURS ISSUED AT 0600 UTC OF 27 July, 2015 BASED ON 0300 UTC OF 27 July, 2015

THE DEPRESSION OVER NORTHEAST BAY OF BENGAL AND ADJOINING COASTAL AREAS OF BANGLADESH & WEST BENGAL REMAINED PRACTICALLY STATIONARY DURING THE LAST 15 HRS AND LAY CENTRED AT 0300 UTC OF TODAY, THE 27 JULY 2015 NEAR LATITUDE 22.0° NORTH AND LONGITUDE 90.2° EAST, CLOSE TO WEST OF KHEPUPARA (41960). THE SYSTEM IS LIKELY TO REMAIN STATIONARY FOR SOME MORE TIME AND MAY CONCENTRATE INTO A DEEP DEPRESSION DURING NEXT 24 HOURS.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS CI.1.5. PATTERN IS SHEAR PATTERN. DISTANCE BETWEEN CENTRE AND CLOUD MASS IS NEARLY 100 KMS. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION OVER NORTH BAY OF BENGAL.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 25 KNOTS GUSTING TO 35 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS ROUGH TO VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 994 HPA.

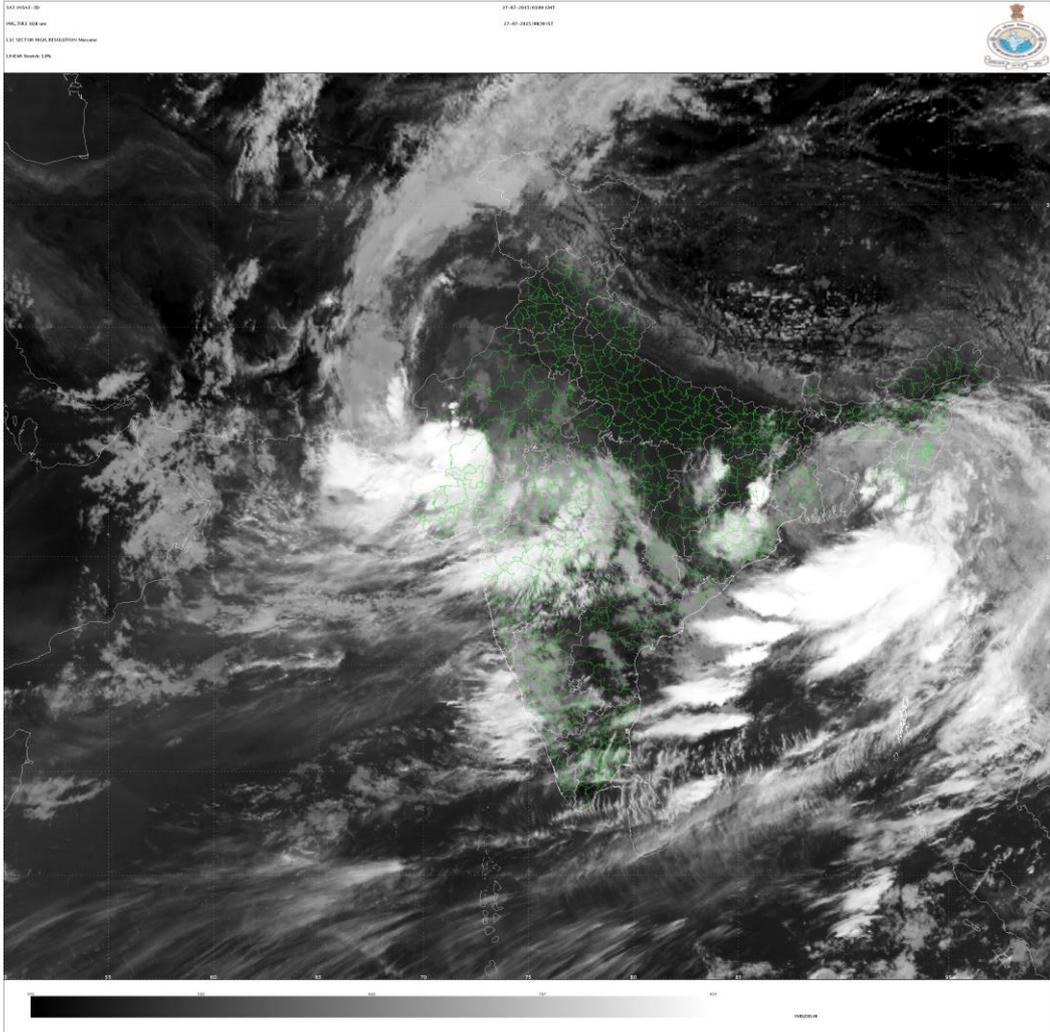
THE NEXT BULLETIN WILL BE ISSUED AT 1500 UTC OF 27TH JULY 2015.

**(DUTY OFFICER)
RSMC, NEW DELHI**

TOO: 27/1130 HRS IST

**PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%**

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**REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI
SPECIAL TROPICAL WEATHER OUTLOOK**

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 27-07-2015

SPECIAL TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 72 HOURS ISSUED AT 1500 UTC OF 27 July, 2015 BASED ON 1200 UTC OF 27 July, 2015

THE DEPRESSION OVER NORTHEAST BAY OF BENGAL AND ADJOINING COASTAL AREAS OF BANGLADESH & GANGETIC WEST BENGAL REMAINED PRACTICALLY STATIONARY DURING THE LAST 12 HRS AND LAY CENTRED AT 1200 UTC OF TODAY, THE 27 JULY 2015 NEAR LATITUDE 22.0° NORTH AND LONGITUDE 90.2° EAST, CLOSE TO WEST OF KHEPUPARA (41960). THE SYSTEM IS LIKELY TO REMAIN STATIONARY FOR SOME MORE TIME AND MAY CONCENTRATE INTO A DEEP DEPRESSION DURING NEXT 24 HOURS.

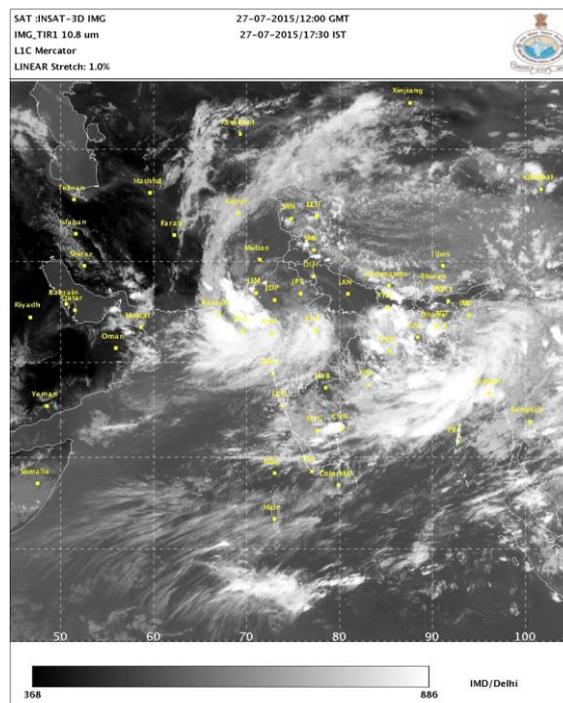
ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS CI.1.5. PATTERN IS SHEAR PATTERN. DISTANCE BETWEEN CENTRE AND CLOUD MASS IS NEARLY 100 KMS. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED MODERATE TO INTENSE CONVECTION OVER THE REGION.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 25 KNOTS GUSTING TO 35 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS ROUGH TO VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 994 HPA.

THE NEXT BULLETIN WILL BE ISSUED AT 0600 UTC OF 28TH JULY 2015.

**(DUTY OFFICER)
RSMC, NEW DELHI**

TOO: 27/2030 HRS IST



**PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%**

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REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI
SPECIAL TROPICAL WEATHER OUTLOOK

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 28-07-2015

SPECIAL TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 72 HOURS ISSUED AT 0600 UTC OF 28 July, 2015 BASED ON 0300 UTC OF 28 July, 2015

BAY OF BENGAL:

THE DEPRESSION OVER NORTHEAST BAY OF BENGAL AND ADJOINING COASTAL AREAS OF BANGLADESH & GANGETIC WEST BENGAL REMAINED PRACTICALLY STATIONARY DURING THE PAST 12 HRS AND LAY CENTRED AT 0300 UTC OF TODAY, THE 28 JULY 2015 NEAR LATITUDE 22.0° NORTH AND LONGITUDE 90.2° EAST, CLOSE TO WEST OF KHEPUPARA (41960). THE SYSTEM WOULD REMAIN PRACTICALLY STATIONARY FOR SOME MORE TIME AND MAY CONCENTRATE INTO A DEEP DEPRESSION DURING NEXT 48 HOURS.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS C.I. 1.5. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LIE OVER NORTH BAY OF BENGAL.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 25 KNOTS GUSTING TO 35 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS ROUGH TO VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 994 HPA.

ARABIAN SEA:

STRONG WINDS WITH SPEEDS REACHING 45-55 KMPH WOULD PREVAIL ALONG AND OFF GUJARAT AND NORTH KONKAN COASTS AS WELL AS OVER NORTHEAST ARABIAN SEA UNDER THE INFLUENCE OF A DEEP DEPRESSION LOCATED OVER SOUTHWEST RAJASTHAN AND ADJOINING GUJARAT STATE. SEA CONDITION IS ROUGH TO VERY ROUGH OVER NORTHEAST ARABIAN SEA.

THE NEXT BULLETIN WILL BE ISSUED AT 1500 UTC OF 28TH JULY 2015.

(DUTY OFFICER)
RSMC, NEW DELHI

TOO: 28/1130 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

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SPECIAL TROPICAL WEATHER OUTLOOK

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 28-07-2015

SPECIAL TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 72 HOURS ISSUED AT 1500 UTC OF 28 July, 2015 BASED ON 1200 UTC OF 28 July, 2015

BAY OF BENGAL:

THE DEPRESSION OVER NORTHEAST BAY OF BENGAL AND ADJOINING COASTAL AREAS OF BANGLADESH & GANGETIC WEST BENGAL REMAINED PRACTICALLY STATIONARY DURING THE PAST 12 HRS AND LAY CENTRED AT 1200 UTC OF TODAY, THE 28 JULY 2015 NEAR LATITUDE 22.0° NORTH AND LONGITUDE 90.2° EAST, CLOSE TO WEST OF KHEPUPARA (41960). THE SYSTEM WOULD REMAIN PRACTICALLY STATIONARY FOR SOME MORE TIME AND MAY CONCENTRATE INTO A DEEP DEPRESSION DURING NEXT 48 HOURS.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS C.I. 1.5. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LIE OVER NORTH BAY OF BENGAL.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 25 KNOTS GUSTING TO 35 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS ROUGH TO VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 994 HPA.

ARABIAN SEA:

STRONG WINDS WITH SPEEDS REACHING 45-55 KMPH WOULD PREVAIL ALONG AND OFF GUJARAT AND NORTH KONKAN COASTS AS WELL AS OVER NORTHEAST ARABIAN SEA UNDER THE INFLUENCE OF A DEEP DEPRESSION LOCATED OVER SOUTHWEST RAJASTHAN AND ADJOINING GUJARAT STATE. SEA CONDITION IS ROUGH TO VERY ROUGH OVER NORTHEAST ARABIAN SEA.

THE NEXT BULLETIN WILL BE ISSUED AT 0600 UTC OF 29TH JULY 2015.

(DUTY OFFICER)
RSMC, NEW DELHI

TOO: 28/2030 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

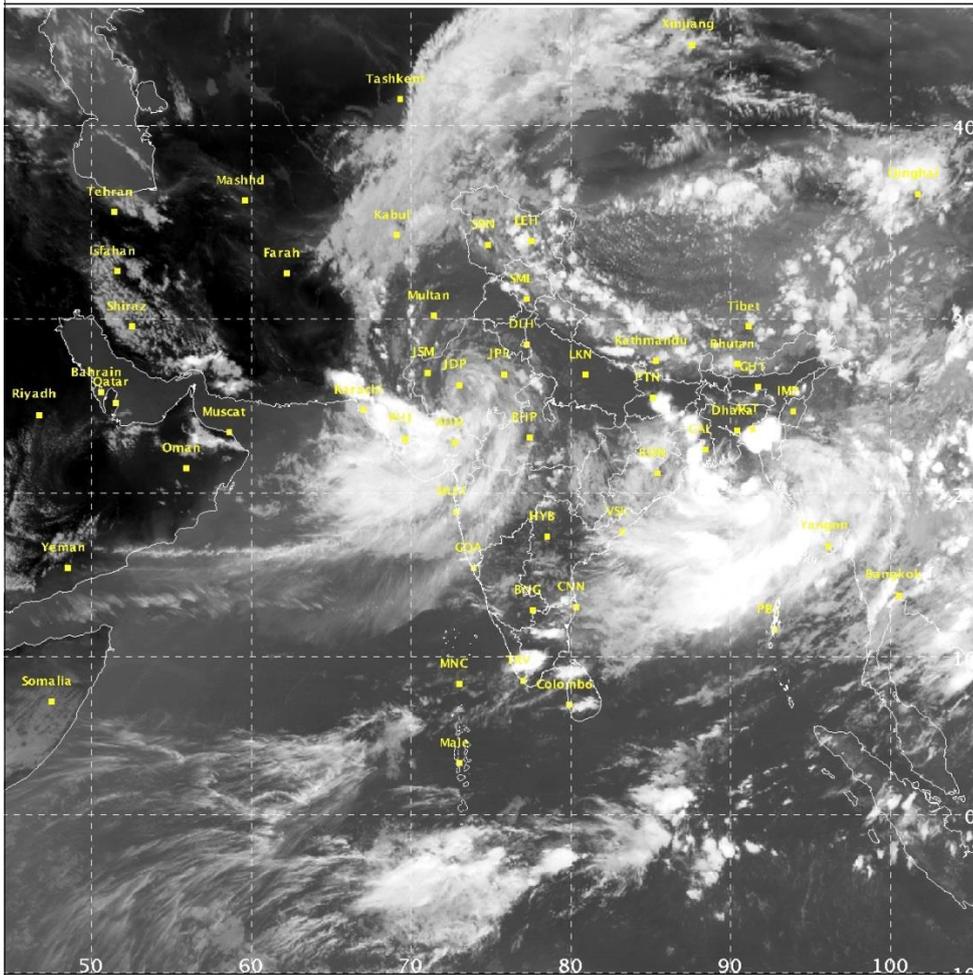
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SAT :INSAT-3D IMG
IMG_TIR1 10.8 um
L1C Mercator
LINEAR Stretch: 1.0%

28-07-2015/12:00 GMT
28-07-2015/17:30 IST



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**REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI
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DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 29-07-2015

SPECIAL TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 72 HOURS ISSUED AT 0300 UTC OF 29 July, 2015 BASED ON 0000 UTC OF 29 July, 2015

BAY OF BENGAL:

THE DEPRESSION OVER NORTHEAST BAY OF BENGAL AND ADJOINING COASTAL AREAS OF BANGLADESH & GANGETIC WEST BENGAL MOVED SOUTHEASTWARDS, INTENSIFIED INTO DEEP DEPRESSION ANDT LAY CENTRED AT 0000 UTC OF TODAY, THE 29 JULY 2015 NEAR LATITUDE 21.0⁰ NORTH AND LONGITUDE 91.0⁰ EAST, 160 KM SOUTHWEST OF CHITTAGONG. THE SYSTEM WOULD MOVE NEARLY NORTHWARDS AND CROSS BANGLADESH COAST BETWEEN LONGITUDE 90.5°E AND 91.5°E AROUND 30TH FORENOON.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS T. 2.0. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LIE OVER NORTH BAY OF BENGAL.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 30 KNOTS GUSTING TO 40 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 994 HPA.

ARABIAN SEA:

STRONG WINDS WITH SPEEDS REACHING 45-55 KMPH WOULD PREVAIL ALONG AND OFF GUJARAT AND NORTH KONKAN COASTS AS WELL AS OVER NORTHEAST ARABIAN SEA UNDER THE INFLUENCE OF A DEEP DEPRESSION LOCATED OVER SOUTHWEST RAJASTHAN AND ADJOINING GUJARAT STATE. SEA CONDITION IS ROUGH TO VERY ROUGH OVER NORTHEAST ARABIAN SEA.

THE NEXT BULLETIN WILL BE ISSUED AT 0600 UTC OF 29TH JULY 2015.

(DUTY OFFICER)
RSMC, NEW DELHI

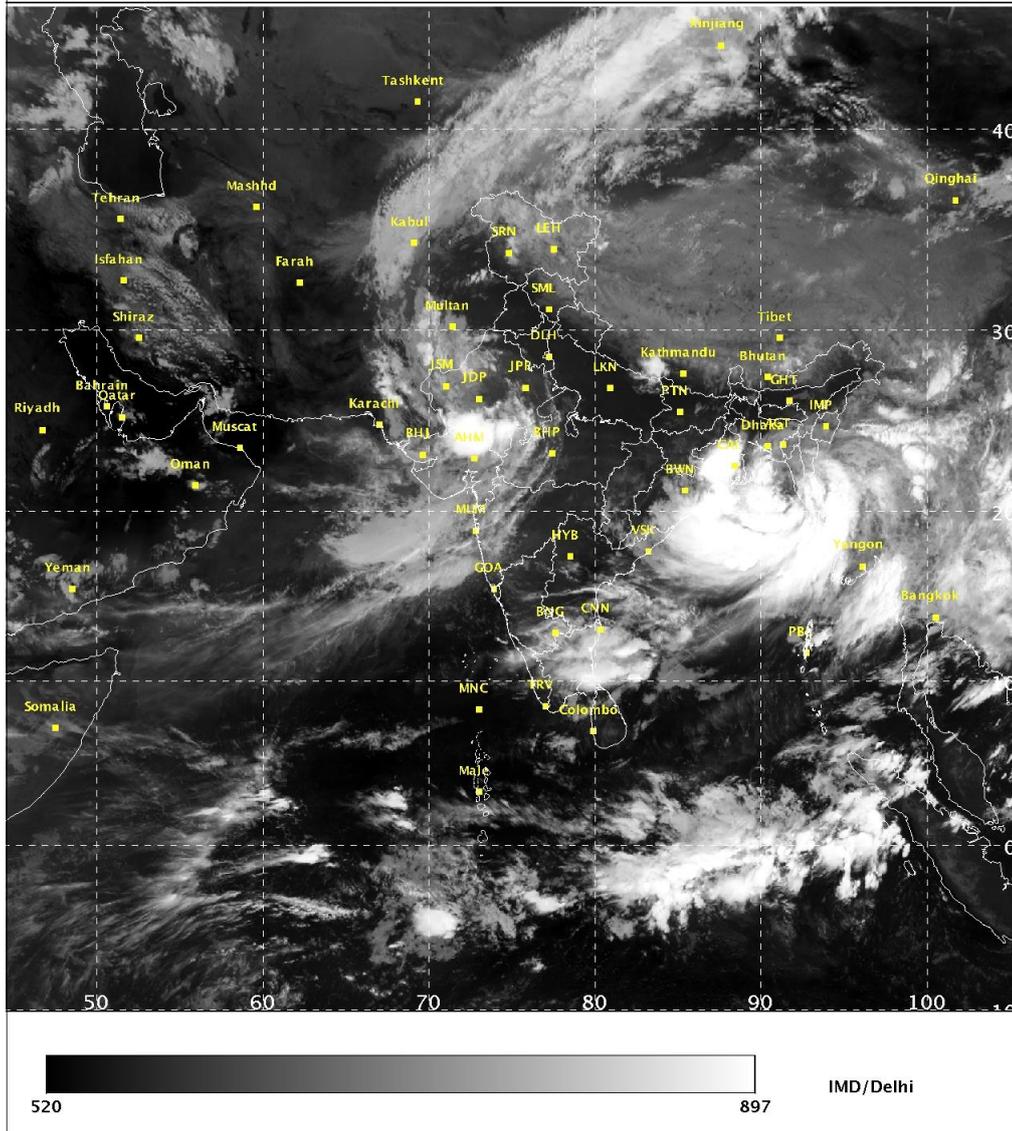
TOO: 29/0830 HRS IST

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

29-07-2015/00:00 GMT
29-07-2015/05:30 IST



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REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI
SPECIAL TROPICAL WEATHER OUTLOOK

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 29-07-2015

SPECIAL TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 72 HOURS ISSUED AT 0600 UTC OF 29 July, 2015 BASED ON 0300 UTC OF 29 July, 2015

THE DEEP DEPRESSION OVER NORTHEAST BAY OF BENGAL REMAINED PRACTICALLY STATIONARY DURING PAST 3 HRS AND LAY CENTRED AT 0300 UTC OF TODAY, THE 29 JULY 2015 NEAR LATITUDE 21.0°N AND LONGITUDE 91.0°E, 160 KM SOUTHWEST OF CHITTAGONG (41977) AND 300 KM SOUTHEAST OF KOLKATA (42807). THE SYSTEM WOULD MOVE NEARLY NORTHWARD AND CROSS BANGLADESH COAST BETWEEN LONGITUDE 90.5°E AND 91.5°E AROUND 30TH FORENOON. AFTER LANDFALL, IT WOULD MOVE WEST-NORTHWESTWARDS AND WEAKEN GRADUALLY.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS T 2.0. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LIE OVER NORTH BAY OF BENGAL.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 30 KNOTS GUSTING TO 40 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 994 HPA.

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

Date/Time(UTC)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
29-07-2015/0300	21.0/91.0	55-65 gusting to 75	Deep Depression
29-07-2015/0600	21.3/91.2	55-65 gusting to 75	Deep Depression
29-07-2015/1200	21.6/91.3	55-65 gusting to 75	Deep Depression
29-07-2015/1800	22.0/91.3	55-65 gusting to 75	Deep Depression
30-07-2015/0000	22.4/91.3	55-65 gusting to 75	Deep Depression
30-07-2015/1200	22.8/91.0	50-60 gusting to 70	Deep Depression
31-07-2015/0000	23.0/89.5	40-50 gusting to 60	Depression

REMARKS: THOUGH THE SEA SURFACE TEMPERATURE AROUND THE REGION OF SYSTEM CENTRE IS 31°C, THE OCEAN THERMAL ENERGY IS LESS AND IS ABOUT 50-60 KJ/CM². THE VERTICAL WIND SHEAR IS 15-20 KNOTS AROUND THE SYSTEM CENTRE. THE LOW LEVEL RELATIVE VORTICITY IS ABOUT 200 x 10⁻⁵ SECOND⁻¹ AND LOW LEVEL CONVERGENCE IS 40 x 10⁻⁵ SECOND⁻¹. THE UPPER LEVEL DIVERGENCE IS 40 x 10⁻⁵ SECOND⁻¹ AND THERE IS FAVOURABLE EQUATORWARD OUTFLOW. ALL THESE CONDITIONS HAVE LED TO INTENSIFICATION OF THE SYSTEM INTO DEEP DEPRESSION. HOWEVER, THE SYSTEM IS INTERACTING WITH UPPER TROPOSPHERIC TROUGH TO THE NORTHEAST, WHICH IS HELPING THE INTRUSION OF DRY AIR INTO THE SYSTEM AT MIDDLE AND UPPER TROPOSPHERIC LEVEL. FURTHER THE REGIONS OF MAXIMA OF LOW LEVEL CONVERGENCE, VORTICITY AND UPPER LEVEL DIVERGENCE DIFFER FROM EACH OTHER. THE SYSTEM IS ALSO INTERACTING WITH LAND SURFACE, WHICH WILL INHIBIT FURTHER INTENSIFICATION. UNDER THE INFLUENCE OF LARGE SCALE MONSOON CIRCULATION IN LOWER AND MIDDLE TROPOSPHERE, THE SYSTEM WOULD MOVE INITIALLY NEARLY NORTHWARD DURING NEXT 24 HRS AND THEN WEST-NORTHWESTWARDS.

THE NEXT BULLETIN WILL BE ISSUED AT 1500 UTC OF 29TH JULY 2015.

(M.MOHAPATRA)
HEAD, RSMC NEW DELHI

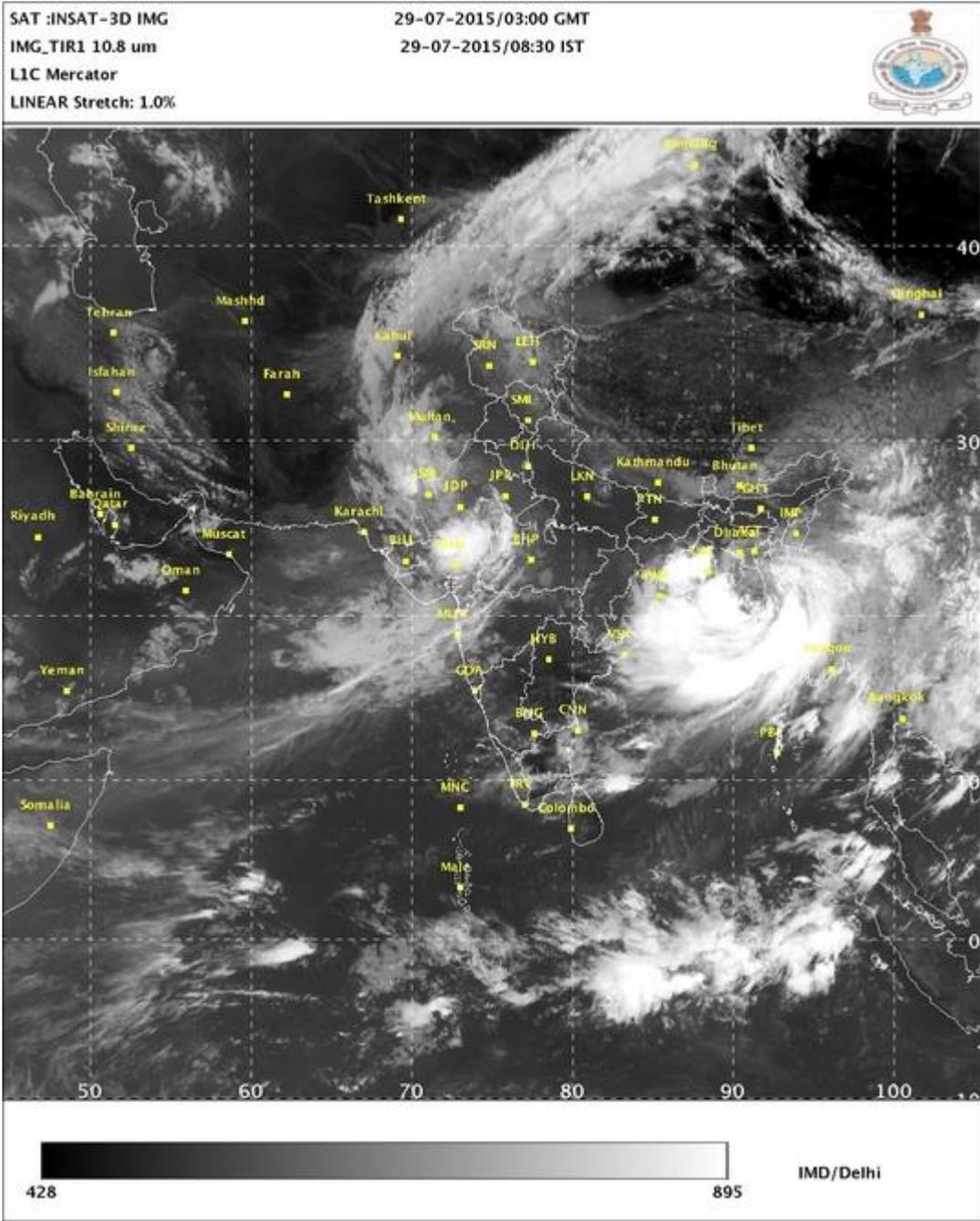
TOO: 29/1230 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

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SPECIAL TROPICAL WEATHER OUTLOOK

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THE DEEP DEPRESSION OVER NORTHEAST BAY OF BENGAL MOVED NORTH-NORTHEASTWARDS DURING PAST 9 HRS AND LAY CENTRED AT 1200 UTC OF TODAY, THE 29 JULY 2015 NEAR LATITUDE 21.5°N AND LONGITUDE 91.4°E, 100 KM SOUTH-SOUTHWEST OF CHITTAGONG (41977) AND 340 KM EAST-SOUTHEAST OF KOLKATA (42807). THE SYSTEM WOULD MOVE NEARLY NORTHWARD AND CROSS BANGLADESH COAST BETWEEN LONGITUDE 90.5°E AND 91.5°E AROUND 30TH FORENOON. AFTER LANDFALL, IT WOULD MOVE WEST-NORTHWESTWARDS AND WEAKEN GRADUALLY.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS T 2.0. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LIE OVER NORTH BAY OF BENGAL.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 30 KNOTS GUSTING TO 40 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 994 HPA.

THE WINDS ARE STRONGER IN SOUTHERN SECTOR (30-35 KNOTS) UNDER THE INFLUENCE OF SOUTHWEST MONSOON AND ARE ABOUT 25-30 KNOTS IN NORTHERN SECTOR. THE DWR OBSERVATIONS FROM KHEPUPARA AND COX'S BAZAR (BANGLADESH) INDICATE WELL DEFINED CIRCULATION WITH STRONG BANDING FEATURE IN SOUTHERN SEMI CIRCLE SIMILAR TO THE FEATURES OBSERVED THROUGH SATELLITE. THERE IS WEAK BANDING IN THE NORTHERN SECTOR.

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

Date/Time(UTC)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
29-07-2015/1200	21.5/91.4	55-65 gusting to 75	Deep Depression
29-07-2015/1800	22.0/91.4	55-65 gusting to 75	Deep Depression
30-07-2015/0000	22.3/91.3	55-65 gusting to 75	Deep Depression
30-07-2015/0600	22.6/91.2	55-65 gusting to 75	Deep Depression
30-07-2015/1200	22.8/91.0	55-65 gusting to 75	Deep Depression
31-07-2015/0000	23.0/90.0	45-55 gusting to 65	Depression
31-07-2015/1200	23.2/88.5	40-50 gusting to 60	Depression

REMARKS: THOUGH THE SEA SURFACE TEMPERATURE AROUND THE REGION OF SYSTEM CENTRE IS 31°C, THE OCEAN THERMAL ENERGY IS LESS AND IS ABOUT 50-60 KJ/CM². THE VERTICAL WIND SHEAR IS 15-20 KNOTS AROUND THE SYSTEM CENTRE. THE LOW LEVEL RELATIVE VORTICITY IS ABOUT 200 x 10⁻⁵ SECOND⁻¹ AND LOW LEVEL CONVERGENCE HAS DECREASED DURING PAST 9 HOURS AND IT IS 20 x 10⁻⁵ SECOND⁻¹. THE UPPER LEVEL DIVERGENCE HAS DECREASED AND IT IS 20 x 10⁻⁵ SECOND⁻¹. THE SYSTEM IS INTERACTING WITH UPPER TROPOSPHERIC TROUGH TO THE NORTHEAST, WHICH IS HELPING THE INTRUSION OF DRY AIR INTO THE SYSTEM AT MIDDLE AND UPPER TROPOSPHERIC LEVEL. FURTHER THE REGIONS OF MAXIMA OF LOW LEVEL CONVERGENCE, VORTICITY AND UPPER LEVEL DIVERGENCE DIFFER FROM EACH OTHER. THE SYSTEM IS ALSO INTERACTING WITH LAND SURFACE, WHICH WILL INHIBIT FURTHER INTENSIFICATION. UNDER THE INFLUENCE OF LARGE SCALE MONSOON CIRCULATION IN LOWER AND MIDDLE TROPOSPHERE, THE SYSTEM WOULD MOVE INITIALLY NEARLY NORTHWARD DURING NEXT 24 HRS AND THEN WEST-NORTHWESTWARDS.

THE NEXT BULLETIN WILL BE ISSUED AT 0600 UTC OF 30TH JULY 2015.

(M.MOHAPATRA)
HEAD, RSMC NEW DELHI

TOO: 29/2030 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

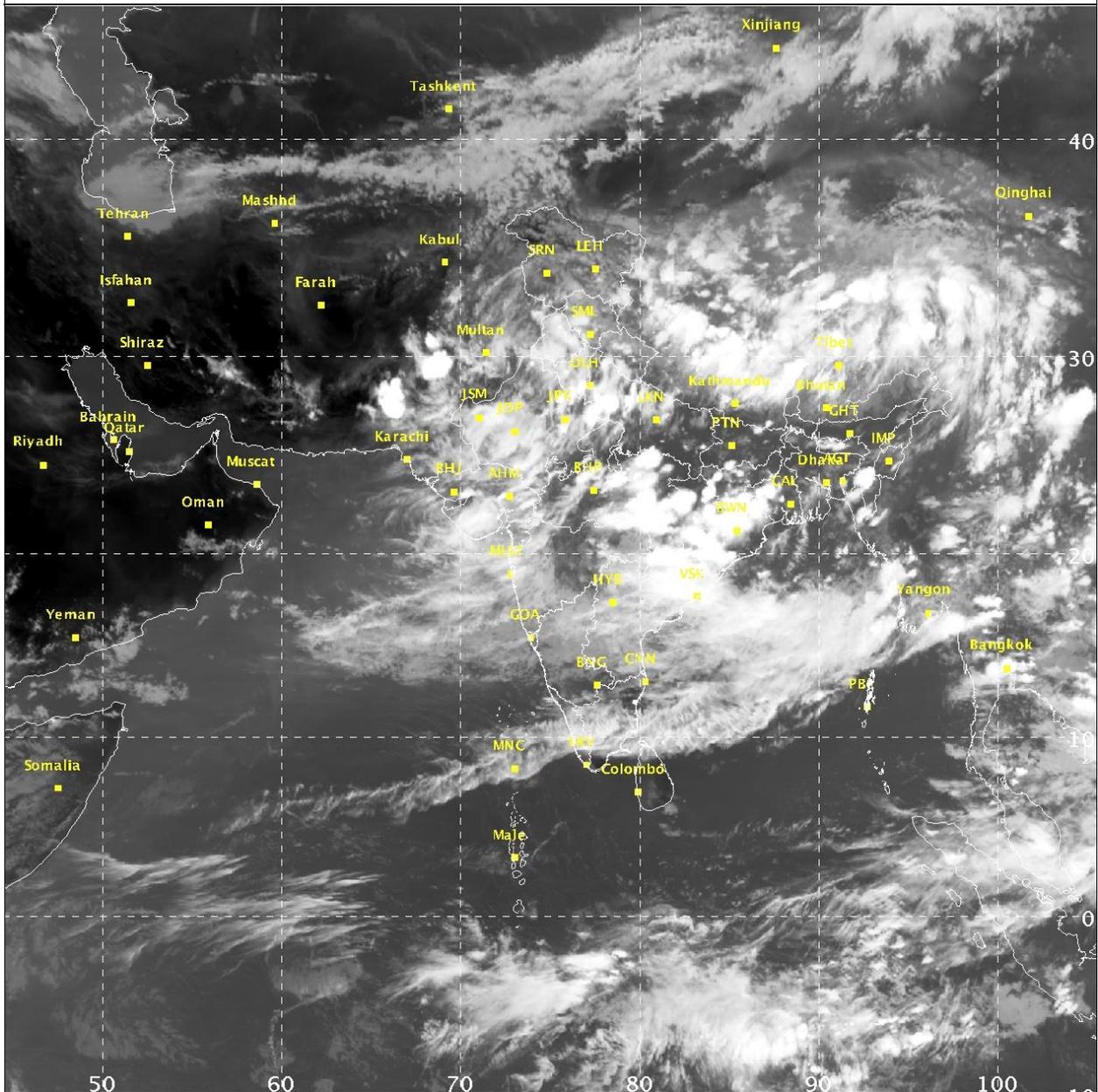
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

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E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in

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

29-07-2014/12:00 GMT
29-07-2014/17:30 IST



IMD/Delhi

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

Contact: Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220,
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भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

TROPICAL CYCLONE ADVISORY BULLETIN

FROM: RSMC –TROPICAL CYCLONES, NEW DELHI

TO: STORM WARNING CENTRE, YANGOON (MYANMAR)
STORM WARNING CENTRE, BANGKOK (THAILAND)
STORM WARNING CENTRE, COLOMBO (SRILANKA)
WARNING CENTRE, DHAKA (BANGLADESH)
STORM WARNING CENTRE, KARACHI (PAKISTAN)
METEOROLOGICAL OFFICE, MALE (MALDIVES)
OMAN METEOROLOGICAL DEPARTMENT, MUSCAT (THROUGH RTH JEDDAH)

TROPICAL CYCLONE ADVISORY NO: 1

RSMC – TROPICAL CYCLONES, NEW DELHI

THE DEEP DEPRESSION OVER NORTHEAST BAY OF BENGAL MOVED NORTHWESTWARDS DURING PAST 9 HRS, INTESIFIED 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.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS T 2.5. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LIE OVER NORTH BAY OF BENGAL NORTH OF LATITUDE 15.0°N.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 35 KNOTS GUSTING TO 45 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 986 HPA.

THE WINDS ARE STRONGER IN SOUTHERN SECTOR (30-35 KNOTS) UNDER THE INFLUENCE OF SOUTHWEST MONSOON AND ARE ABOUT 25-30 KNOTS IN NORTHERN SECTOR. THE DWR OBSERVATIONS FROM KHEPUPARA AND COX'S BAZAR (BANGLADESH) INDICATE WELL DEFINED CIRCULATION WITH STRONG BANDING FEATURE IN SOUTHERN SEMI CIRCLE SIMILAR TO THE FEATURES OBSERVED THROUGH SATELLITE. THERE IS WEAK BANDING IN THE NORTHERN SECTOR.

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

Date/Time(UTC)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/0000	21.7/91.2	65-75 gusting to 85	Cyclonic Storm
30-07-2015/0600	22.0/91.0	70-80 gusting to 90	Cyclonic Storm
30-07-2015/1200	22.4/90.7	65-75 gusting to 85	Cyclonic Storm
30-07-2015/1800	22.7/90.4	55-65 gusting to 75	Deep Depression
31-07-2015/0000	23.0/89.8	45-55 gusting to 65	Depression
31-07-2015/1200	23.2/88.5	40-50 gusting to 60	Depression

REMARKS: THE VERTICAL WIND SHEAR IS 15-20 KNOTS AROUND THE SYSTEM CENTRE. THE LOW LEVEL RELATIVE VORTICITY IS ABOUT 200×10^{-5} SECOND⁻¹ AND LOW LEVEL CONVERGENCE IS 40×10^{-5} SECOND⁻¹. THE UPPER LEVEL DIVERGENCE IS 40×10^{-5} SECOND⁻¹. THE SYSTEM IS INTERACTING WITH LAND SURFACE, WHICH WILL INHIBIT FURTHER INTENSIFICATION. UNDER THE INFLUENCE OF LARGE SCALE MONSOON CIRCULATION IN LOWER AND MIDDLE TROPOSPHERE, THE SYSTEM WOULD MOVE INITIALLY NORTH-NORTHWESTWARD DURING NEXT 24 HRS AND THEN WEST-NORTHWESTWARDS.

THE NEXT BULLETIN WILL BE ISSUED AT 0600 UTC OF 30TH JULY 2015.

(M.MOHAPATRA)
HEAD, RSMC NEW DELHI

TOO: 30/0830 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

Contact: Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220,

E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in



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INDIA METEOROLOGICAL DEPARTMENT

TROPICALCYCLONE ADVISORY BULLETIN

FROM: RSMC –TROPICAL CYCLONES, NEW DELHI

TO: STORM WARNING CENTRE, NAY PAI TAW (MYANMAR)
STORM WARNING CENTRE, BANGKOK (THAILAND)
STORM WARNING CENTRE, COLOMBO (SRILANKA)
WARNING CENTRE, DHAKA (BANGLADESH)
STORM WARNING CENTRE, KARACHI (PAKISTAN)
METEOROLOGICAL OFFICE, MALE (MALDIVES)
OMAN METEOROLOGICAL DEPARTMENT, MUSCAT (THROUGH RTH JEDDAH)

TROPICAL CYCLONE ADVISORY

RSMC – TROPICAL CYCLONES, NEW DELHI

TROPICAL STORM 'KOMEN' ADVISORY NO. 2 ISSUED AT 0600 UTC OF 30TH JULY 2015 BASED ON 0300 UTC CHARTS OF 30TH JULY 2015

THE CYCLONIC STORM, KOMEN OVER NORTHEAST BAY OF BENGAL MOVED NORTHWARDS AND LAY CENTRED AT 0300 UTC OF TODAY, THE 30 JULY 2015 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 AFTERNOON OF TODAY THE 30TH JULY 2015. AFTER LANDFALL, IT WOULD MOVE WEST-NORTHWESTWARDS AND WEAKEN GRADUALLY.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS T 2.5. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LIE OVER BAY OF BENGAL NORTH OF LATITUDE 15.0°N, MIZORAM, TRIPURA, MYANMAR AND BANGLADESH.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 35 KNOTS GUSTING TO 45 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 986 HPA. COX'S BAZAR REPORTED MSLP OF 986.9 HPA AND WIND 180°/12 KT, CHIITAGONG REPORTED MSLP OF 989.3 HPA AND WIND 70°/15 KT AND HATIA REPORTED MSLP OF 991.1 HPA AND WIND 030°/4KT.

THE WINDS ARE STRONGER IN SOUTHERN SECTOR (35-40 KNOTS) UNDER THE INFLUENCE OF SOUTHWEST MONSOON AND ARE ABOUT 30-35 KNOTS IN NORTHERN SECTOR. THE DWR OBSERVATIONS FROM KHEPUPARA AND COX'S BAZAR (BANGLADESH) INDICATE WELL DEFINED CIRCULATION WITH STRONG BANDING FEATURE IN SOUTHERN SEMI CIRCLE SIMILAR TO THE FEATURES OBSERVED THROUGH SATELLITE. THERE IS WEAK BANDING IN THE NORTHERN SECTOR.

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

Date/Time(UTC)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/0300	22.0/91.2	65-75 gusting to 85	Cyclonic Storm
30-07-2015/0600	22.0/91.0	70-80 gusting to 90	Cyclonic Storm
30-07-2015/1200	22.4/90.7	65-75 gusting to 85	Cyclonic Storm
30-07-2015/1800	22.7/90.4	55-65 gusting to 75	Deep Depression
31-07-2015/0000	23.0/89.8	45-55 gusting to 65	Depression
31-07-2015/1200	23.2/88.5	40-50 gusting to 60	Depression

STORM SURGE GUIDANCE FOR BANGLADESH COAST: TIDAL WAVE (STORM SURGE PLUS ASTRONOMICAL TIDE) OF ABOUT 2 M WOULD INUNDATE LOW LYING AREAS OF BANGLADESH COAST AROUND THE POINT OF LANDFALL.

REMARKS: THE VERTICAL WIND SHEAR IS 15-20 KNOTS AROUND THE SYSTEM CENTRE. THE LOW LEVEL RELATIVE VORTICITY IS ABOUT 200×10^{-5} SECOND⁻¹ AND LOW LEVEL CONVERGENCE IS 40×10^{-5} SECOND⁻¹. THE UPPER LEVEL DIVERGENCE IS 40×10^{-5} SECOND⁻¹. THE SYSTEM IS INTERACTING WITH LAND SURFACE, WHICH WILL INHIBIT FURTHER INTENSIFICATION. UNDER THE INFLUENCE OF LARGE SCALE MONSOON CIRCULATION IN LOWER AND MIDDLE TROPOSPHERE, THE SYSTEM WOULD MOVE INITIALLY NORTH-NORTHWESTWARD DURING NEXT 24 HRS AND THEN WEST-NORTHWESTWARDS.

THE NEXT BULLETIN WILL BE ISSUED AT 0900 UTC OF 30TH JULY 2015.

(M.MOHAPATRA)
HEAD, RSMC NEW DELHI

TOO: 30/0830 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

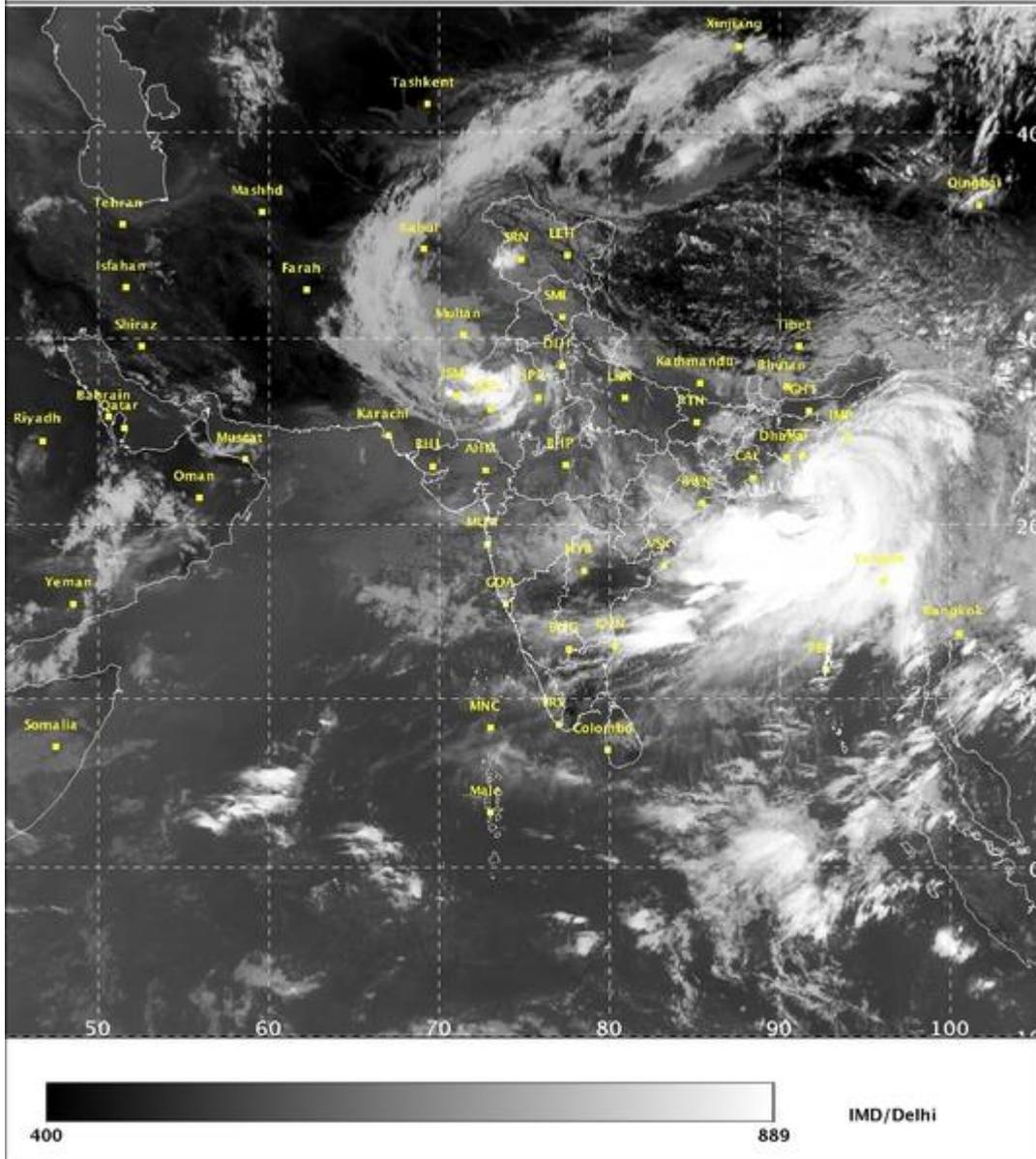
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

Contact: Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220,

E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in

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

30-07-2015/04:30 GMT
30-07-2015/10:00 IST



PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

Contact: Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220,
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भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

TROPICAL CYCLONE ADVISORY BULLETIN

FROM: RSMC –TROPICAL CYCLONES, NEW DELHI

TO: STORM WARNING CENTRE, NAY PYI TAW (MYANMAR)
STORM WARNING CENTRE, BANGKOK (THAILAND)
STORM WARNING CENTRE, COLOMBO (SRILANKA)
WARNING CENTRE, DHAKA (BANGLADESH)
STORM WARNING CENTRE, KARACHI (PAKISTAN)
METEOROLOGICAL OFFICE, MALE (MALDIVES)
OMAN METEOROLOGICAL DEPARTMENT, MUSCAT (THROUGH RTH JEDDAH)

TROPICAL CYCLONE ADVISORY

RSMC – TROPICAL CYCLONES, NEW DELHI

TROPICAL STORM 'KOMEN' ADVISORY NO. THREE ISSUED AT 0900 UTC OF 30TH JULY 2015 BASED ON 0600 UTC CHARTS OF 30TH JULY 2015

THE CYCLONIC STORM, KOMEN OVER NORTHEAST BAY OF BENGAL MOVED NORTHWARDS AND LAY CENTRED AT 0600 UTC OF TODAY, THE 30 JULY 2015 NEAR LATITUDE 22.2°N AND LONGITUDE 91.2°E, 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 AROUND LONGITUDE 91.0°E WITHIN A FEW HOURS OF TODAY THE 30TH JULY 2015. AFTER LANDFALL, IT WOULD MOVE WEST-NORTHWESTWARDS AND WEAKEN GRADUALLY.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS T 2.5. ASSOCIATED LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE CONVECTIVE CLOUDS AT MANY PLACES OVER NORTH BAY OF BENGAL NORTH OF LATITUDE 15.0°N, MIZORAM, TRIPURA, MYANMAR AND SOUTH BANGLADESH.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 35 KNOTS GUSTING TO 45 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 986 HPA. CHIITAGONG REPORTED MSLP OF 989.0 HPA AND WIND 080°/15 KT.

THE WINDS ARE STRONGER IN SOUTHERN SECTOR (35-40 KNOTS) UNDER THE INFLUENCE OF SOUTHWEST MONSOON AND ARE ABOUT 30-35 KNOTS IN NORTHERN SECTOR. THE DWR OBSERVATIONS FROM KHEPUPARA AND COX'S BAZAR (BANGLADESH) INDICATE WELL DEFINED CIRCULATION WITH STRONG BANDING FEATURE IN SOUTHERN SEMI CIRCLE SIMILAR TO THE FEATURES OBSERVED THROUGH SATELLITE. THERE IS WEAK BANDING IN THE NORTHERN SECTOR.

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

Date/Time(UTC)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/0600	22.2/91.2	70-80 gusting to 90	Cyclonic Storm
30-07-2015/1200	22.7/91.2	65-75 gusting to 85	Cyclonic Storm
30-07-2015/1800	23.0/90.9	55-65 gusting to 75	Deep Depression
31-07-2015/0000	23.2/89.9	45-55 gusting to 65	Depression
31-07-2015/1200	23.4/88.8	40-50 gusting to 60	Depression

STORM SURGE GUIDANCE FOR BANGLADESH COAST: TIDAL WAVE (STORM SURGE PLUS ASTRONOMICAL TIDE) OF ABOUT 2 M WOULD INUNDATE LOW LYING AREAS OF BANGLADESH COAST AROUND THE POINT OF LANDFALL.

REMARKS: THE VERTICAL WIND SHEAR IS 10 -20 KNOTS AROUND THE SYSTEM CENTRE. THE LOW LEVEL RELATIVE VORTICITY IS ABOUT 200×10^{-5} SECOND⁻¹ AND LOW LEVEL CONVERGENCE IS 50×10^{-5} SECOND⁻¹. THE UPPER LEVEL DIVERGENCE IS 40×10^{-5} SECOND⁻¹. THE SYSTEM IS INTERACTING WITH LAND SURFACE, WHICH WILL INHIBIT FURTHER INTENSIFICATION. UNDER THE INFLUENCE OF LARGE SCALE MONSOON CIRCULATION IN LOWER AND MIDDLE TROPOSPHERE, THE SYSTEM WOULD MOVE INITIALLY NORTH-NORTHWESTWARD DURING NEXT 24 HRS AND THEN WEST-NORTHWESTWARDS.

THE NEXT BULLETIN WILL BE ISSUED AT 1200 UTC OF 30TH JULY 2015.

(M.MOHAPATRA)
HEAD, RSMC NEW DELHI

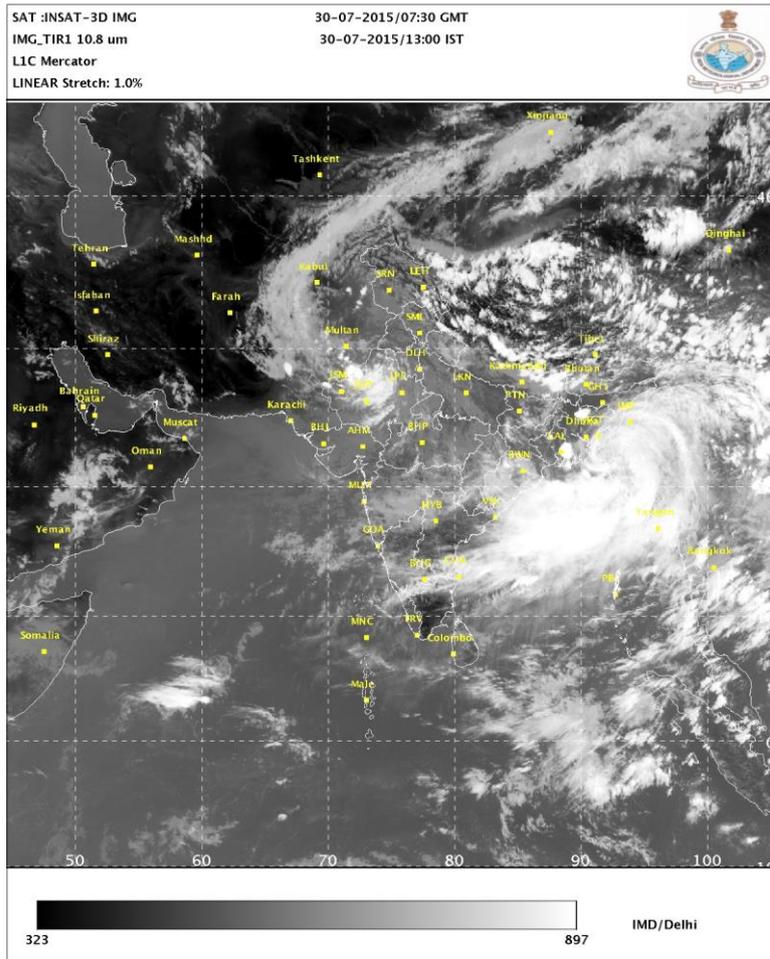
TOO: 30/1500 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

Contact: Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220,

E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in



PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

Contact: Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220,
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INDIA METEOROLOGICAL DEPARTMENT

TROPICAL CYCLONE ADVISORY BULLETIN

FROM: RSMC –TROPICAL CYCLONES, NEW DELHI

TO: STORM WARNING CENTRE, NAY PYI TAW (MYANMAR)
STORM WARNING CENTRE, BANGKOK (THAILAND)
STORM WARNING CENTRE, COLOMBO (SRILANKA)
WARNING CENTRE, DHAKA (BANGLADESH)
STORM WARNING CENTRE, KARACHI (PAKISTAN)
METEOROLOGICAL OFFICE, MALE (MALDIVES)
OMAN METEOROLOGICAL DEPARTMENT, MUSCAT (THROUGH RTH JEDDAH)

TROPICAL CYCLONE ADVISORY

RSMC – TROPICAL CYCLONES, NEW DELHI

TROPICAL STORM 'KOMEN' ADVISORY NO. FOUR ISSUED AT 1200 UTC OF 30TH JULY 2015 BASED ON 0900 UTC CHARTS OF 30TH JULY 2015

THE CYCLONIC STORM, KOMEN OVER NORTHEAST BAY OF BENGAL MOVED NORTHEASTWARDS AND LAY CENTRED AT 0900 UTC OF TODAY, THE 30 JULY 2015 CLOSE TO BANGLADESH COAST, NEAR LATITUDE 22.3°N AND LONGITUDE 91.5°E, ABOUT 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.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS T 2.5. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE CONVECTION OVER BAY OF BENGAL NORTH OF LATITUDE 14.0°N, SOUTHEAST BANGLADESH, NAGALAND, MANIPUR, MIZORAM AND MYANMAR.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 35 KNOTS GUSTING TO 45 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS HIGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 986 HPA. KUTUBDIA (41989) REPORTED MSLP OF 987.0 HPA AND WIND 230°/12 KT AND CHITTAGONG REPORTED MSLP OF 989.0 HPA AND WIND 060°/10 KT.

THE WINDS ARE STRONGER IN SOUTHERN SECTOR (35-40 KNOTS) UNDER THE INFLUENCE OF SOUTHWEST MONSOON AND ARE ABOUT 30-35 KNOTS IN NORTHERN SECTOR. THE DWR OBSERVATIONS FROM KHEPUPARA AND COX'S BAZAR (BANGLADESH) INDICATE WELL DEFINED CIRCULATION WITH STRONG BANDING FEATURE IN SOUTHERN SEMI CIRCLE SIMILAR TO THE FEATURES OBSERVED THROUGH SATELLITE. THERE IS WEAK BANDING IN THE NORTHERN SECTOR.

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

Date/Time(UTC)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/0900	22.3/91.5	70-80 gusting to 90	Cyclonic Storm
30-07-2015/1200	22.7/91.7	65-75 gusting to 85	Cyclonic Storm
30-07-2015/1800	23.0/90.5	55-65 gusting to 75	Deep Depression
31-07-2015/0000	23.2/89.7	45-55 gusting to 65	Depression
31-07-2015/1200	23.4/88.5	40-50 gusting to 60	Depression

STORM SURGE GUIDANCE FOR BANGLADESH COAST: TIDAL WAVE (STORM SURGE PLUS ASTRONOMICAL TIDE) OF ABOUT 2 M WOULD INUNDATE LOW LYING AREAS OF BANGLADESH COAST AROUND THE POINT OF LANDFALL.

REMARKS: THE VERTICAL WIND SHEAR IS 10 -20 KNOTS AROUND THE SYSTEM CENTRE. THE LOW LEVEL RELATIVE VORTICITY IS ABOUT 200×10^{-5} SECOND⁻¹ AND LOW LEVEL CONVERGENCE IS 50×10^{-5} SECOND⁻¹. THE UPPER LEVEL DIVERGENCE IS 40×10^{-5} SECOND⁻¹. THE SYSTEM IS INTERACTING WITH LAND SURFACE, WHICH WILL INHIBIT FURTHER INTENSIFICATION. UNDER THE INFLUENCE OF LARGE SCALE MONSOON CIRCULATION IN LOWER AND MIDDLE TROPOSPHERE, THE SYSTEM WOULD MOVE INITIALLY NORTH-NORTHWESTWARD DURING NEXT 24 HRS AND THEN WEST-NORTHWESTWARDS.

THE NEXT BULLETIN WILL BE ISSUED AT 1500 UTC OF 30TH JULY 2015.

(M.MOHAPATRA)
HEAD, RSMC NEW DELHI

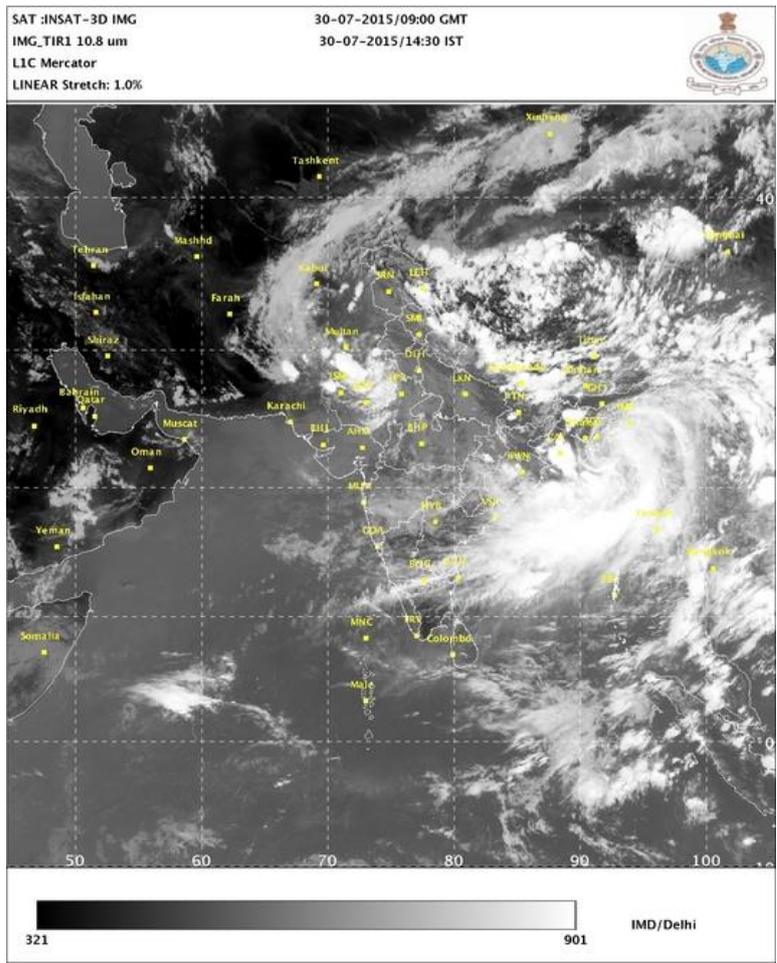
TOO: 30/1730 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

Contact: Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220,

E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in



PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

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INDIA METEOROLOGICAL DEPARTMENT

TROPICAL CYCLONE ADVISORY BULLETIN

FROM: RSMC –TROPICAL CYCLONES, NEW DELHI

**TO: STORM WARNING CENTRE, NAY PYI TAW (MYANMAR)
STORM WARNING CENTRE, BANGKOK (THAILAND)
STORM WARNING CENTRE, COLOMBO (SRILANKA)
WARNING CENTRE, DHAKA (BANGLADESH)
STORM WARNING CENTRE, KARACHI (PAKISTAN)
METEOROLOGICAL OFFICE, MALE (MALDIVES)
OMAN METEOROLOGICAL DEPARTMENT, MUSCAT (THROUGH RTH JEDDAH)**

TROPICAL CYCLONE ADVISORY

RSMC – TROPICAL CYCLONES, NEW DELHI

TROPICAL STORM 'KOMEN' ADVISORY NO. FIVE ISSUED AT 1500 UTC OF 30TH JULY 2015 BASED ON 1200 UTC CHARTS OF 30TH JULY 2015

THE CYCLONIC STORM, KOMEN OVER NORTHEAST BAY OF BENGAL MOVED NORTHWESTWARDS AND LAY CENTRED AT 1200 UTC 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 SYSTEM 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.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS T 2.5. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE CONVECTION OVER NORTH BAY OF BENGAL, SOUTH BANGLADESH, NAGALAND, MANIPUR, MIZORAM, TRIPURA AND MYANMAR.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 35 KNOTS GUSTING TO 45 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS HIGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 986 HPA.

THE WINDS ARE STRONGER IN SOUTHERN SECTOR (35-40 KNOTS) UNDER THE INFLUENCE OF SOUTHWEST MONSOON AND ARE ABOUT 30-35 KNOTS IN NORTHERN SECTOR.

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

Date/Time(UTC)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/1200	22.4/91.3	70-80 gusting to 90	Cyclonic Storm
30-07-2015/1800	22.8/91.2	65-75 gusting to 85	Cyclonic Storm
31-07-2015/0000	23.1/91.0	55-65 gusting to 75	Deep Depression
31-07-2015/0600	23.3/90.5	55-65 gusting to 75	Deep Depression
31-07-2015/1200	23.4/89.7	40-50 gusting to 60	Depression
01-08-2015/0000	23.5/88.5	40-50 gusting to 60	Depression

STORM SURGE GUIDANCE FOR BANGLADESH COAST: TIDAL WAVE (STORM SURGE PLUS ASTRONOMICAL TIDE) OF ABOUT 2 M WOULD INUNDATE LOW LYING AREAS OF BANGLADESH COAST AROUND THE POINT OF LANDFALL.

**(M.MOHAPATRA)
HEAD, RSMC NEW DELHI**

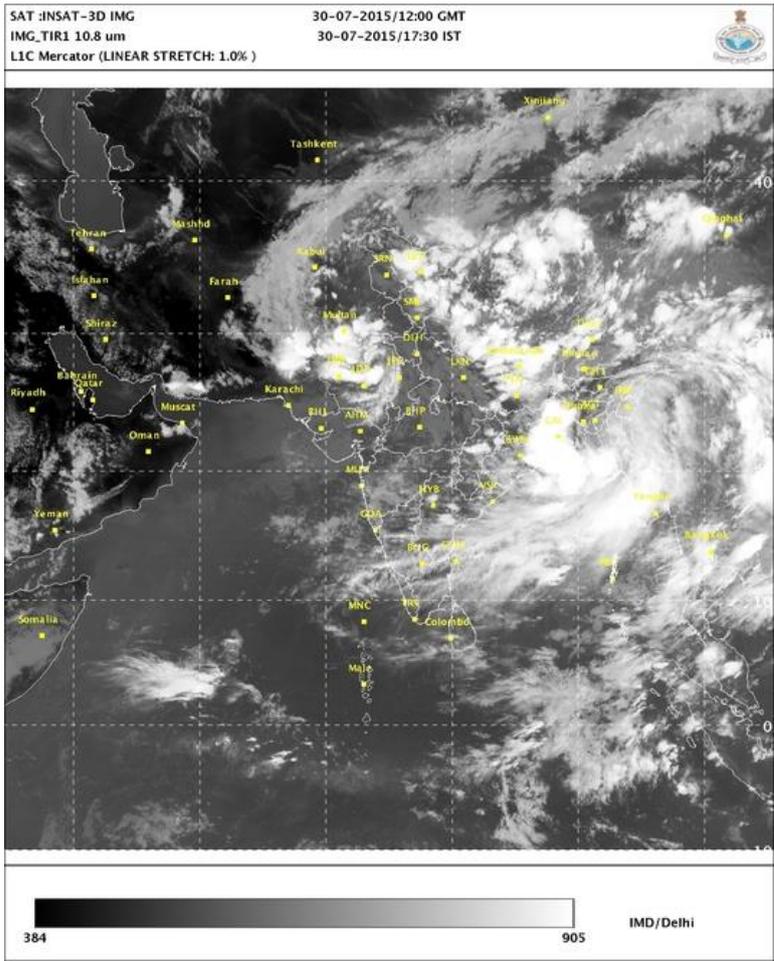
TOO: 30/2030 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

Contact: Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220,

E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in



PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)
NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

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भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT

TROPICAL CYCLONE ADVISORY BULLETIN

FROM: RSMC –TROPICAL CYCLONES, NEW DELHI

**TO: STORM WARNING CENTRE, NAY PYI TAW (MYANMAR)
STORM WARNING CENTRE, BANGKOK (THAILAND)
STORM WARNING CENTRE, COLOMBO (SRILANKA)
WARNING CENTRE, DHAKA (BANGLADESH)
STORM WARNING CENTRE, KARACHI (PAKISTAN)
METEOROLOGICAL OFFICE, MALE (MALDIVES)
OMAN METEOROLOGICAL DEPARTMENT, MUSCAT (THROUGH RTH JEDDAH)**

TROPICAL CYCLONE ADVISORY

RSMC – TROPICAL CYCLONES, NEW DELHI

TROPICAL STORM 'KOMEN' ADVISORY NO. SIX ISSUED AT 1800 UTC OF 30TH JULY 2015 BASED ON 1500 UTC CHARTS OF 30TH JULY 2015

THE CYCLONIC STORM 'KOMEN' OVER NORTHEAST BAY OF BENGAL MOVED NORTHWARD CROSSED BANGLADESH COAST BETWEEN HATIA AND SANDWIP DURING 1400 AND 1500 UTC AND LAY CENTRED AT 1500 UTC OF TODAY, THE 30 JULY 2015 OVER BANGLADESH COAST NEAR LATITUDE 22.5°N AND LONGITUDE 91.3°E, ABOUT 25 KM EAST-NORTHEAST OF HATIA (41963). IT WOULD MOVE NEARLY NORTHWARD FOR SOME TIME AND THEN WEST-NORTHWESTWARDS . IT WOULD WEAKEN INTO DEEP DEPRESSION DURING NEXT 12 HOURS.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS T 2.5. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE CONVECTION OVER NORTH BAY OF BENGAL SOUTH BANGLADESH, NAGALAND, MANIPUR, MIZORAM, TRIPURA AND MYANMAR, GANGETIC WEST BENGAL AND NORTH ODISHA.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 40 KNOTS GUSTING TO 50 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS HIGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 988 HPA.

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

STORM SURGE GUIDANCE FOR BANGLADESH COAST: TIDAL WAVE (STORM SURGE PLUS ASTRONOMICAL TIDE) OF ABOUT 2 M WOULD INUNDATE LOW LYING AREAS OF BANGLADESH COAST AROUND THE POINT OF LANDFALL.

**(M.MOHAPATRA)
HEAD, RSMC NEW DELHI**

TOO: 30/1800 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

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INDIA METEOROLOGICAL DEPARTMENT

TROPICAL CYCLONE ADVISORY BULLETIN

FROM: RSMC –TROPICAL CYCLONES, NEW DELHI

**TO: STORM WARNING CENTRE, NAY PYI TAW (MYANMAR)
STORM WARNING CENTRE, BANGKOK (THAILAND)
STORM WARNING CENTRE, COLOMBO (SRILANKA)
WARNING CENTRE, DHAKA (BANGLADESH)
STORM WARNING CENTRE, KARACHI (PAKISTAN)
METEOROLOGICAL OFFICE, MALE (MALDIVES)
OMAN METEOROLOGICAL DEPARTMENT, MUSCAT (THROUGH RTH JEDDAH)**

TROPICAL CYCLONE ADVISORY

RSMC – TROPICAL CYCLONES, NEW DELHI

TROPICAL STORM 'KOMEN' ADVISORY NO. SEVEN ISSUED AT 2100 UTC OF 30TH JULY 2015 BASED ON 1800 UTC CHARTS OF 30TH JULY 2015

THE CYCLONIC STORM 'KOMEN' OVER BANGLADESH COAST MOVED NORTHWARDS, AND LAY CENTRED AT 1800 UTC OF TODAY, THE 30 JULY 2015 NEAR LATITUDE 22.7⁰N AND LONGITUDE 91.3⁰E, ABOUT 25 KM EAST-NORTHEAST OF SANDIP (41964). IT WOULD MOVE NEARLY NORTHWARD FOR SOME TIME AND THEN WEST-NORTHWESTWARDS . IT WOULD WEAKEN INTO DEEP DEPRESSION DURING NEXT 12 HOURS.

ACCORDING TO SATELLITE IMAGERIES, INTENSITY OF THE SYSTEM IS T 2.5. ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE CONVECTION OVER NORTH BAY OF BENGAL SOUTH BANGLADESH, NAGALAND, MANIPUR, MIZORAM, TRIPURA AND MYANMAR, GANGETIC WEST BENGAL AND NORTH ODISHA.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 35 KNOTS GUSTING TO 45 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA IS HIGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 988 HPA.

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

Date/Time(UTC)	Position (Lat. ⁰ N/ long. ⁰ E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/1800	22.7/91.3	60-70 gusting to 80	Cyclonic Storm
31-07-2015/0000	23.1/91.0	55-65 gusting to 75	Deep Depression
31-07-2015/0600	23.3/90.5	55-65 gusting to 75	Deep Depression
31-07-2015/1200	23.4/89.8	40-50 gusting to 60	Depression
31-07-2015/1800	23.4/89.1	35-45 gusting to 55	Depression
01-08-2015/0600	23.5/88.0	25-35 gusting to 45	Well marked low pressure area

STORM SURGE GUIDANCE FOR BANGLADESH COAST: TIDAL WAVE (STORM SURGE PLUS ASTRONOMICAL TIDE) OF ABOUT 2 M WOULD INUNDATE LOW LYING AREAS OF BANGLADESH COAST AROUND THE POINT OF LANDFALL.

**(DUTY OFFICER)
RSMC NEW DELHI**

TOO: 31/0230 HRS IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

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INDIA METEOROLOGICAL DEPARTMENT

TROPICAL CYCLONE ADVISORY BULLETIN

FROM: RSMC –TROPICAL CYCLONES, NEW DELHI

**TO: STORM WARNING CENTRE, NAY PYI TAW (MYANMAR)
STORM WARNING CENTRE, BANGKOK (THAILAND)
STORM WARNING CENTRE, COLOMBO (SRILANKA)
WARNING CENTRE, DHAKA (BANGLADESH)
STORM WARNING CENTRE, KARACHI (PAKISTAN)
METEOROLOGICAL OFFICE, MALE (MALDIVES)
OMAN METEOROLOGICAL DEPARTMENT, MUSCAT (THROUGH RTH JEDDAH)**

TROPICAL CYCLONE ADVISORY

RSMC – TROPICAL CYCLONES, NEW DELHI

TROPICAL STORM 'KOMEN' ADVISORY NO. EIGHT ISSUED AT 0000 UTC OF 31st JULY 2015 BASED ON 2100 UTC CHARTS OF 30TH JULY 2015

THE CYCLONIC STORM 'KOMEN' OVER BANGLADESH MOVED NEARLY NORTHWARDS, WEAKENED INTO A DEEP DEPRESSION AND LAY CENTRED AT 2100 UTC OF TODAY, THE 30 JULY 2015 OVER BANGLADESH NEAR LATITUDE 23.0° N AND LONGITUDE 91.2°E. IT WOULD MOVE NEARLY NORTHWARD FOR SOME MORE TIME AND THEN WEST-NORTHWESTWARDS . IT WOULD WEAKEN INTO A DEPRESSION DURING NEXT 24 HOURS.

ASSOCIATED BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE CONVECTION LIE OVER NORTH BAY OF BENGAL, BANGLADESH, NORTHEASTERN STATES OF INDIA, GANGETIC WEST BENGAL AND NORTH ODISHA.

MAXIMUM SUSTAINED SURFACE WIND SPEED IS ESTIMATED TO BE ABOUT 30 KNOTS GUSTING TO 40 KNOTS AROUND THE SYSTEM CENTRE. THE STATE OF THE SEA OVER NORTH BAY IS ROUGH TO VERY ROUGH. THE ESTIMATED CENTRAL PRESSURE IS ABOUT 990 HPA.

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

Date/Time(UTC)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
30-07-2015/2100	23.0/91.2	55-65 gusting to 75	Deep Depression
31-07-2015/0000	23.2/91.0	50-60 gusting to 70	Deep Depression
31-07-2015/0600	23.3/90.8	50-60 gusting to 70	Deep Depression
31-07-2015/1200	23.4/90.3	45-55 gusting to 65	Depression
31-07-2015/1800	23.5/89.8	40-50 gusting to 60	Depression
01-08-2015/0000	23.5/89.0	35-45 gusting to 55	Depression

THIS IS THE LAST BULLETIN FOR THIS SYSTEM.

**(MOHAPATRA)
HEAD RSMC NEW DELHI**

TOO: 31/0630 Hrs IST

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION)

NIL: 0%, LOW: 1-25%, FAIR: 26-50%, MODERATE: 51-75% AND HIGH: 76-100%

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