



**AURORA OBSERVATION :: Dated - Sunday 08/09/2024**

From :: Area Cyclone Warning Center Kolkata(Alipore Weather office)

To :: Portblair Radio , Kolkata Port Wireless , Directorate General of Shipping , Directorate General of Lighthouses And Lightships

**Part One**

TTT DEPRESSION OVER BAY OF BENGAL 080300 UTC

**Part Two**

The Depression over westcentral and adjoining northwest Bay of Bengal moved north-northwestwards with a speed of 13 kmph during past 3 hours and lay centered at 0830 hours IST of today, the 8th September, 2024 over the same region near latitude 18.2°N and longitude 86.8°E, about 280 km east of Kalingapatnam (Andhra Pradesh), 230 km east-southeast of Gopalpur (Odisha), 260 km south-southeast of Paradip (Odisha) and 390 km south of Digha (West Bengal). It is very likely to move nearly northwards towards north Odisha-West Bengal coasts and intensify into a deep depression during next 24 hours. Thereafter, it is very likely to move westnorthwestwards and cross Odisha and adjoining West Bengal coasts between Puri and Digha around evening/night of 9th September. Continuing to move further westnorthwestwards, it is likely to move across Odisha & adjoining Gangetic West Bengal and Jharkhand & adjoining north Chhattisgarh during subsequent 2 days. The Monsoon trough at mean sea level now passes through Bikaner, Narnaul, Jhansi, Damoh, Mana, Puri and to the centre of depression over westcentral and adjoining northwest Bay of Bengal. Southwest Monsoon Moderate to Strong Over South Bay and Andaman Sea.

**Part Three : Sea area forecast valid from 9 UTC to 21 UTC of 08/09/2024**

|  |               |  |
|--|---------------|--|
| <b>North West Bay</b>                                      | Wind          | CYCLONIC 20 TO 25 KNOTS GUSTING TO 30 KNOTS                              |
|  | Weather       | FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY RAIN        |
|  | Visibility    | MODERATE BECOMING POOR IN HEAVY RAIN                                     |
|  | Sea condition | ROUGH TO VERY ROUGH  |
| <b>North East Bay</b>                                      | Wind          | SOUTHEAST TO SOUTHERLY 20 TO 25 KNOTS                                    |
|  | Weather       | FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS                                 |
|  | Visibility    | MODERATE BECOMING POOR IN RAIN   |
|  | Sea condition | MODERATE TO ROUGH  |
| <b>West Central Bay</b>                                    | Wind          | CYCLONIC 25 TO 30 KNOTS GUSTING TO 35 KNOTS                              |
|  | Weather       | WIDESPREAD RAIN OR THUNDERSHOWERS WITH ISOLATED HEAVY TO VERY HEAVY RAIN |
|  | Visibility    | MODERATE BECOMING POOR IN HEAVY TO VERY HEAVY RAIN                       |
|  | Sea condition | ROUGH TO VERY ROUGH  |
| <b>East Central Bay(WEST OF LONG. 92° EAST)</b>            | Wind          | SOUTH TO SOUTHWESTERLY 20 TO 25 KNOTS GUSTING TO 30 KNOTS                |
|  | Weather       | WIDESPREAD RAIN OR THUNDERSHOWERS  |
|  | Visibility    | MODERATE BECOMING POOR IN RAIN   |
|  | Sea condition | ROUGH TO VERY ROUGH  |
| <b>South Bay &amp; Andaman Sea(WEST OF LONG. 95° EAST)</b> | Wind          | MAINLY SOUTHWESTERLY; 20 TO 25 KNOTS                                     |
|  | Weather       | FAIRLY WIDESPREAD RAIN OR THUNDERSHOWERS                                 |
|  | Visibility    | MODERATE BECOMING POOR IN RAIN   |
|  | Sea condition | MODERATE TO ROUGH.   |

Part Four

NIL

Part Five

NIL

Part Six

AAXX 00803 99942 807 32596 50902 10304 40036 811 32596 60901 10316 40036 901 22596  
60703 10290 40025 806 32496 61402 10314 40033 903 22996 31304 10290 40024 895 21495  
80902 10286 40034 976 21595 50704 10312 40015

99943 049 21496 73605 10268 40012 053 21496 80505 10286 40009 105 21596 82903 10258  
40013 150 21496 82502 10256 40031 185 21596 82703 10258 40055 245 32597 62302 10294  
40073 279 31596 83203 10290 40087

**TOO** : 12.30 IST 08/09/2024

Duty Officer  
For head  
Area Cyclone Warning Centre, Kolkata, 08/09/2024