Sub: (a) Cyclonic Storm ‘Pawan’ (Pronounced as ‘Pavan’) over Southwest Arabian Sea & (b) Well Marked Low Pressure Area over Eastcentral Arabian Sea

(a) Cyclonic Storm ‘Pawan’ (Pronounced as ‘Pavan’) over Southwest Arabian Sea:

Cyclonic storm ‘Pawan’ (Pronounced as ‘Pavan’) over Southwest Arabian Sea moved nearly westwards with a speed of 22 kmph during past 06 hours and lay centred at 1730 hrs IST of today, the 05th December, 2019 near latitude 9.6°N and longitude 55.1°E over Southwest Arabian Sea, about 360 km south-southeast of Socotra (Yemen) and 670 km east-southeast of Bosaso (Somalia). It is very likely to maintain its intensity as a Cyclonic Storm till tomorrow morning and weaken gradually thereafter. It is very likely to move west-southwestwards during next 36 hours and cross Somalia coast as a Depression between Latitudes 07° & 08°N during 07th December morning. Forecast track and intensity are given in the following table:

<table>
<thead>
<tr>
<th>Date/Time(IST)</th>
<th>Position (Lat. °N/ long. °E)</th>
<th>Maximum sustained surface wind speed (Kmph)</th>
<th>Category of cyclonic disturbance</th>
</tr>
</thead>
<tbody>
<tr>
<td>05.12.19/1730</td>
<td>9.6/55.1</td>
<td>65-75 gusting to 85</td>
<td>Cyclonic Storm</td>
</tr>
<tr>
<td>05.12.19/2330</td>
<td>9.3/54.2</td>
<td>65-75 gusting to 85</td>
<td>Cyclonic Storm</td>
</tr>
<tr>
<td>06.12.19/0530</td>
<td>8.9/53.3</td>
<td>65-75 gusting to 85</td>
<td>Cyclonic Storm</td>
</tr>
<tr>
<td>06.12.19/1130</td>
<td>8.5/52.4</td>
<td>50-60 gusting to 70</td>
<td>Deep Depression</td>
</tr>
<tr>
<td>06.12.19/1730</td>
<td>8.2/51.6</td>
<td>40-50 gusting to 60</td>
<td>Deep Depression</td>
</tr>
<tr>
<td>07.12.19/0530</td>
<td>7.7/50.1</td>
<td>40-50 gusting to 60</td>
<td>Depression</td>
</tr>
<tr>
<td>07.12.19/1730</td>
<td>7.0/47.8</td>
<td>20-30 gusting to 40</td>
<td>Depression</td>
</tr>
<tr>
<td>08.12.19/0530</td>
<td>6.4/45.9</td>
<td>20-30 gusting to 40</td>
<td>Well Marked Low Pressure</td>
</tr>
</tbody>
</table>

(b) Well Marked Low Pressure Area over Eastcentral Arabian Sea:

The Depression over Eastcentral Arabian Sea moved west-northwestwards, weakened into a well marked low pressure area and lay over eastcentral Arabian Sea & neighbourhood at 1730 hours IST of today, the 05th December 2019.

Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%
Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.
This is the last Bulletin associated with this system. However, regular weather Bulletins & Sea area Bulletins will continue from ACWC Mumbai.

(i) Rainfall Warning:
- No significant rainfall likely over the mainland in association with the above systems.

(ii) Wind warning:
- **Southwest Arabian Sea and along & off Somalia Coast**: Gale wind, speed reaching 65-75 kmph gusting to 85 kmph, is prevailing around the system centre over southwest Arabian Sea which is very likely to continue during next 12 hours. It is very likely to decrease gradually becoming, squally wind speed reaching 50-60 kmph gusting to 70 kmph, from the forenoon of 06th December for subsequent 06 hours and decrease further thereafter.
- **Eastcentral Arabian Sea**:
  - Strong wind, speed reaching 20-30 kmph gusting to 40 kmph, likely to prevail around the system centre over Eastcentral Arabian Sea during next 12 hours and decrease gradually thereafter.

(iii) Sea conditions:
- **Southwest Arabian Sea and along & off Somalia Coast**: Very Rough to High Sea Conditions are likely to prevail over Southwest Arabian Sea during next 12 hours. It is very likely to improve gradually becoming very rough from tomorrow forenoon for subsequent 06 hours and improve further thereafter.
- **Eastcentral Arabian Sea**:
  - Rough Sea conditions are very likely to prevail over Eastcentral Arabian Sea during next 12 hours and improve thereafter.

(iv) Fishermen Warning:
- **Southwest Arabian Sea and along & off Somalia Coast**: The fishermen are advised not to venture into southwest Arabian Sea and along & off Somalia coast during next 02 days.

*The next bulletin will be issued at 2330 hrs IST of today, the 05th December, 2019.*

(Sunitha Devi S)
Scientist-E, RSMC, New Delhi

*Copy to: ACWC Chennai/ ACWC Mumbai/ MC Goa/ MC Bengaluru/ CWC Ahmedabad/ Thiruvananthapuram.*
Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%
Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.

SWA: Southwest Arabian Sea
Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%

Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.