TIME OF ISSUE: 2130 HOURS IST  DATED: 18.05.2021
FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)
TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23092398/23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23012284, 23018638)
PS TO HON’BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MOES (FAX NO. 24629777)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 2305137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (23421101, 23421105, 23421219)
PIB MOES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX NO. 26105912, 2436 3260)
DIRECTOR, PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)
CHIEF SECRETARY, GOA (FAX NO. 0832-2415201)
CHIEF SECRETARY, MAHARASHTRA (FAX NO. 022- 22028594)
CHIEF SECRETARY, GUJARAT (FAX NO. 079-23250305)
CHIEF SECRETARY, DAMAN & DIU (FAX NO. 0260-230775)
CHIEF SECRETARY, DADRA & NAGAR HAVELI (FAX NO. 0260-2645466)
CHIEF SECRETARY, RAJASTHAN (FAX NO. 0141-2227114)

Subject: Cyclonic Storm “Taufke” (pronounced as Tau’Te) weakened into a Deep Depression over Gujarat region

The Cyclonic Storm “Taufke” (pronounced as Tau’Te) over Gujarat region moved north-northeastwards with a speed of about 23 kmph during past 06 hours, weakened into a Deep Depression and lay centred at 2030 hours IST of today, the 18th May, 2021 over Gujarat region near latitude 23.6°N and longitude 72.6°E, about 60 km north-northeast of Ahmedabad.

It is very likely to move north-northeastwards and weaken gradually into a Depression during next 12 hours. The remnant of the system is very likely to move further northeastwards across Rajasthan to west Uttar Pradesh during 19th & 20th May.

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>18.05.21/2030</td>
<td>23.6/72.6</td>
<td>55-65 gusting to 75</td>
<td>Deep Depression</td>
</tr>
<tr>
<td>18.05.21/2330</td>
<td>24.2/73.0</td>
<td>50-60 gusting to 70</td>
<td>Deep Depression</td>
</tr>
<tr>
<td>19.05.21/0530</td>
<td>25.0/73.9</td>
<td>40-50 gusting to 60</td>
<td>Depression</td>
</tr>
</tbody>
</table>
Warnings:

(i) Rainfall:

- **Gujarat**: Light to moderate rainfall at most places with heavy to very heavy falls isolated places very likely over Gujarat region and Saurashtra during next 12 hours.
- **Rajasthan**: Light to moderate rainfall at many places with heavy to very heavy falls at isolated places very likely over south Rajasthan on 18th & heavy falls at isolated places over north Rajasthan on 19th May.

(ii) Wind warning

- Gale winds speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over Ahmedabad Surendranagar, Rajkot, Anand, squally winds speed reaching 45-55 kmph gusting to 65 kmph over Bhavnagar, Botad & Kheda during next 06 hours and gradually decrease thereafter.
  Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to prevail along and off Dadra, Nagar Haveli, Daman, Valsad, Navsari, Surat, districts during next 06 hours and gradually decrease thereafter.
- Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over south Rajasthan from the evening of 18th till 19th early morning.

The next bulletin will be issued at 0230 hrs IST of 19th May, 2021.

(Ananda Kumar Das)
Scientist-E, RSMC, New Delhi

Copy to: MC Jaipur /ACWC Mumbai /CWC Ahmedabad.
Deep Depression

23.6°N / 72.6°E
OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEEP DEPRESSION REMNANTS OF “TAUKTAE” OVER GUJARAT REGION BASED ON 1500 UTC OF 18TH MAY, 2021
HEAVY RAINFALL WARNING FOR GUJARAT STATE TILL 0830 HOURS IST OF 19TH MAY

OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF SEVERE CYCLONIC STORM NIVAR OVER NORTH COASTAL TAMILNADU BASED ON 0000 UTC OF 26TH NOVEMBER, 2020.

OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION REMNANTS OF “TAUKTAE” OVER GUJARAT REGION BASED ON 1500 UTC OF 18TH MAY, 2021

<table>
<thead>
<tr>
<th>DATE/TIME IN UTC</th>
<th>LS: LOW PRESSURE AREA</th>
<th>WML: WELL MARKED LOW PRESSURE AREA</th>
<th>DD: DEPRESSION (17.27 KT)</th>
<th>CS: CYCLONIC STORM (34.47 KT)</th>
<th>SCS: SEVERE CYCLONIC STORM (49.63 KT)</th>
<th>VS: VERY SEVERE CYCLONIC STORM (64.89 KT)</th>
<th>ES: EXTREMELY SEVERE CYCLONIC STORM (90.19 KT)</th>
<th>SuCS: SUPER CYCLONIC STORM (≥ 120 KT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14/06/2021</td>
<td>10/06/2021</td>
<td>08/06/2021</td>
<td>06/06/2021</td>
<td>04/06/2021</td>
<td>02/06/2021</td>
<td>00/06/2021</td>
<td>18/05/2021</td>
<td>16/05/2021</td>
</tr>
</tbody>
</table>

IMPACT OVER THE SEA

<table>
<thead>
<tr>
<th>MSW (knot/kmph)</th>
<th>Impact</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>28-33 (52-61)</td>
<td>Very rough seas</td>
<td>Total suspension of fishing operations</td>
</tr>
<tr>
<td>34-49 (62-91)</td>
<td>High to very high seas</td>
<td>Total suspension of fishing operations</td>
</tr>
<tr>
<td>50-63 (92-117)</td>
<td>Very high seas</td>
<td>Total suspension of fishing operations</td>
</tr>
<tr>
<td>≥ 64 (≥118)</td>
<td>Phenomenal</td>
<td>Total suspension of fishing operations</td>
</tr>
</tbody>
</table>
HEAVY RAINFALL WARNING FOR GUJARAT STATE FROM 0830 HOURS IST OF 18TH TO 0830 HOURS IST OF 19TH MAY