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Press release

Time of Issue: 1200 HOURS. IST

Date: 09-06-2023

Sub: **A) Very Severe Cyclonic Storm “Biparjoy” (pronounced as “Biporjoy”) over eastcentral Arabian Sea**

The very severe cyclonic storm “Biparjoy” (pronounced as “Biporjoy”) over eastcentral Arabian Sea moved slowly north-northeastwards with a speed of 6 kmph during past 6-hours and lay centered at 0830 hours IST of today, the 09th June, 2023 over the same region near latitude 14.8°N and longitude 66.4°E, about 800 km west of Goa, 820 km west-southwest of Mumbai, 830 km south-southwest of Porbandar and 1120 km south of Karachi.

It would intensify further gradually during next 36 hours and move nearly north- northeastwards during next 48 hours and north-northwestwards during subsequent 3 days.

Forecast track and intensity are given below:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
09.06.23/0830	14.8/66.4	125-135 gusting to 150	Very Severe Cyclonic Storm
09.06.23/1130	14.9/66.5	125-135 gusting to 150	Very Severe Cyclonic Storm
09.06.23/1730	15.2/66.7	130-140 gusting to 155	Very Severe Cyclonic Storm
09.06.23/2330	15.6/66.8	135-145 gusting to 160	Very Severe Cyclonic Storm
10.06.23/0530	16.6/66.9	140-150 gusting to 165	Very Severe Cyclonic Storm
10.06.23/1730	16.8/67.0	145-155 gusting to 170	Very Severe Cyclonic Storm
11.06.23/0530	17.7/67.0	140-150 gusting to 165	Very Severe Cyclonic Storm
11.06.23/1730	18.5/66.9	135-145 gusting to 160	Very Severe Cyclonic Storm
12.06.23/0530	19.3/66.7	130-140 gusting to 155	Very Severe Cyclonic Storm
12.06.23/1730	20.1/66.4	125-135 gusting to 150	Very Severe Cyclonic Storm
13.06.23/0530	20.8/66.0	120-130 gusting to 145	Very Severe Cyclonic Storm
13.06.23/1730	21.5/65.6	115-125 gusting to 140	Very Severe Cyclonic Storm
14.06.23/0530	22.2/65.1	110-120 gusting to 135	Severe Cyclonic Storm

Port Warning : Issued

Signal: Keep hoisted Distant Warning signal II- (DW - II) at all ports of North and South Gujarat Coast.

(iii) Fishermen Warning for next 5 days from 09th June to 13th June 2023

Along & off Gujarat Coast:

Squally wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail on 09th and 10th June and likely to increase becoming 40-50 kmph gusting to 60 kmph on 11th June and 45-55 kmph gusting to 65 kmph during 12th & 13th June.

Sea condition is likely to be rough on 09th June and likely to become rough to very rough during 10th to 13th June.

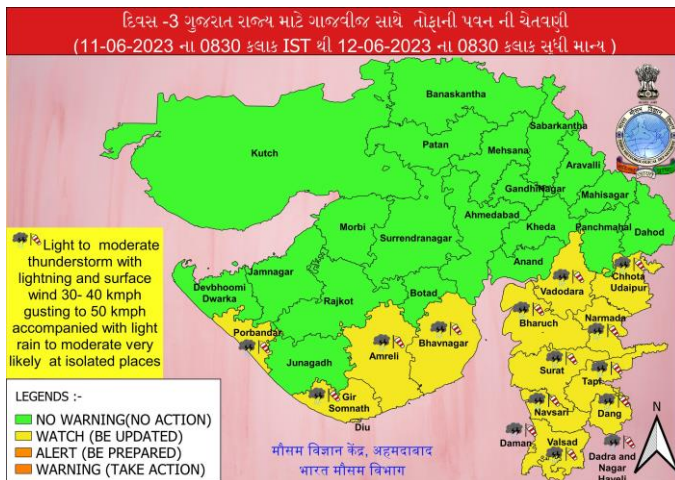
Total suspension of fishing operations over Gujarat Coast; Central and adjoining North Arabian sea from 09th June 2023 till 13th June.

Fishermen out at open sea are advised to return to the coast.

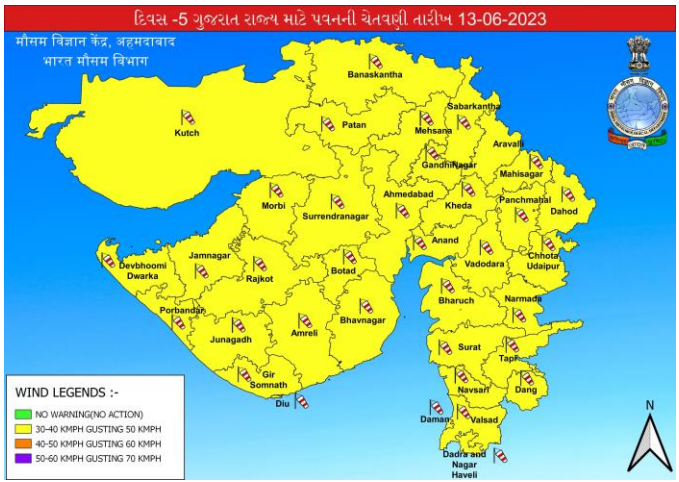
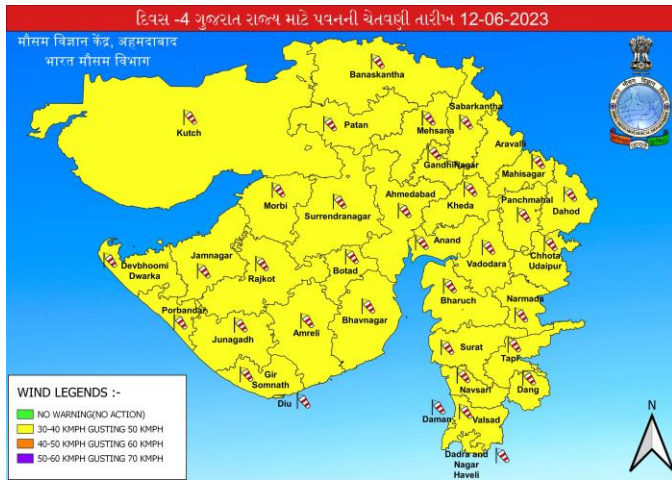
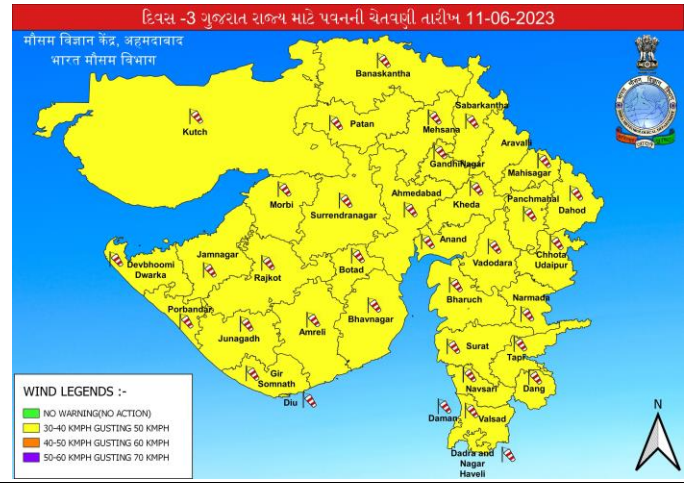
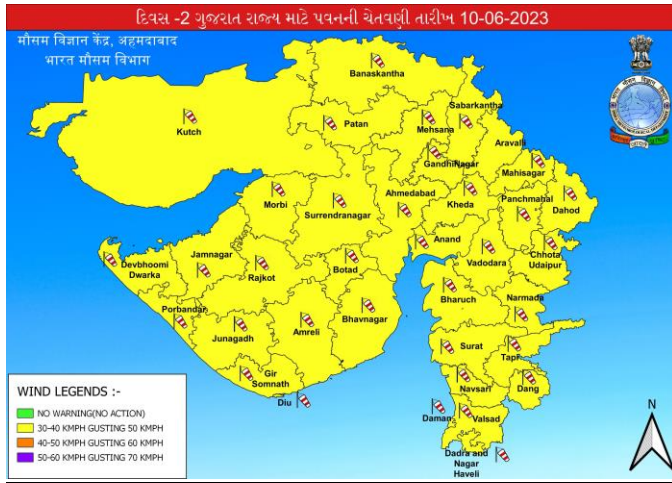
iv) District wise Thunderstorm and Wind Warning:

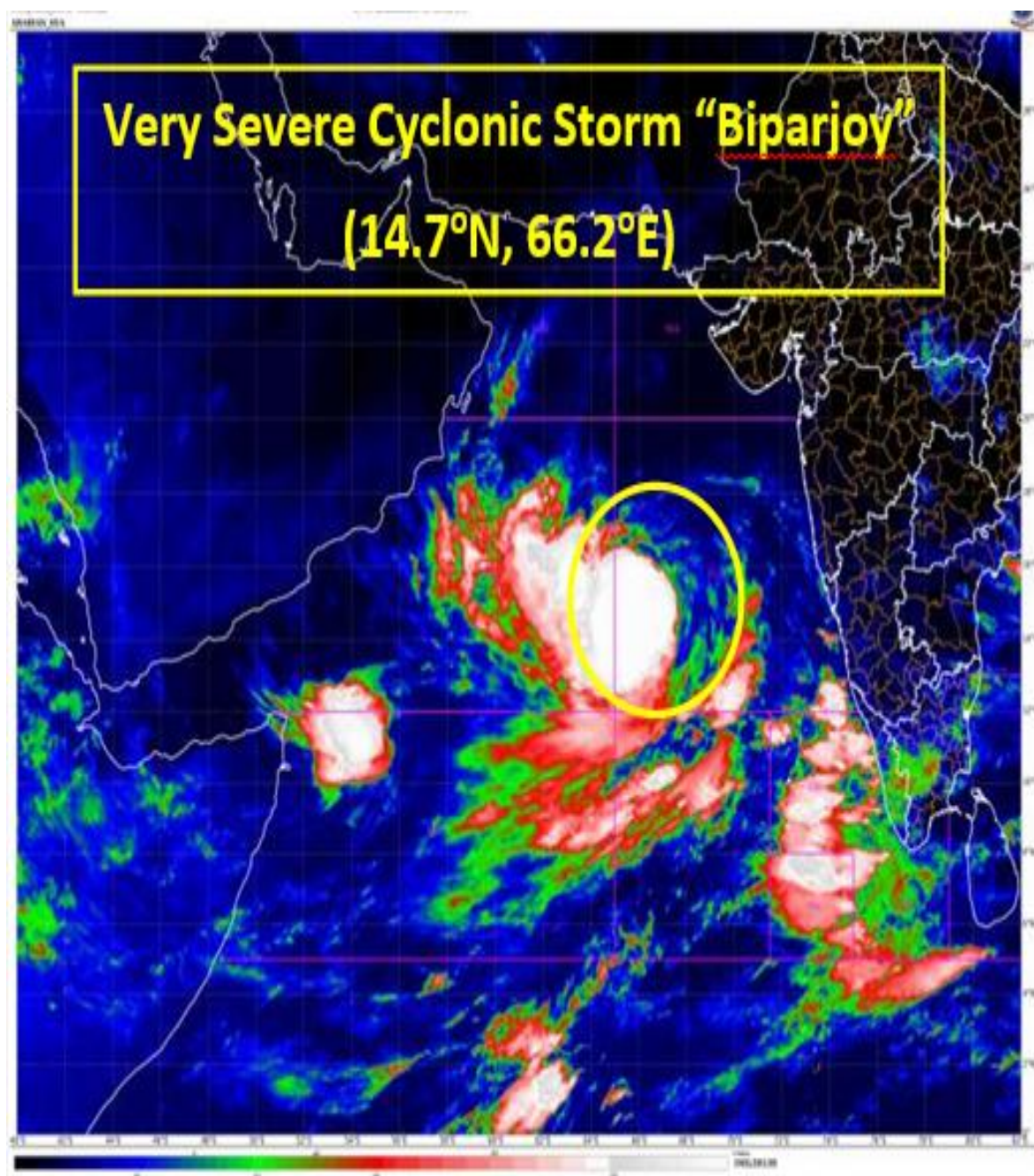
Weather Warning for next 5 days for Gujarat State Diu, Daman, Dadra Nagar Haveli :-
DAY 1: <u>Light to moderate thunderstorm</u> with lightning and surface wind 30- 40 kmph gusting to 50 kmph accompanied with light rain to moderate very likely at isolated places in the districts of South Gujarat region namely Navsari, Valsad and in Daman, Dadara Nagar Haveli; in the districts of Saurashtra namely Jamnagar, Porbandar, Gir Somnath in Diu.
DAY 2: <u>Light to moderate thunderstorm</u> with lightning and surface wind 30- 40 kmph gusting to 50 kmph accompanied with light rain to moderate very likely at isolated places in the districts of in all the districts of South Gujarat region and in Daman, Dadara Nagar Haveli; in the districts of Saurashtra namely Porbandar Amreli, Bhavnagar, Gir Somnath and in Diu. <i>Wind warning: - Strong surface winds 30- 40 kmph gusting to 50 kmph very likely to prevail over all the districts of Gujarat region, Saurashtra-Kutch and in Diu, Daman, Dadra Nagar Haveli</i>
DAY 3: <u>Light to moderate thunderstorm</u> with lightning and surface wind 30- 40 kmph gusting to 50 kmph accompanied with light rain to moderate very likely at isolated places in the districts of in all the districts of South Gujarat region and in Daman, Dadara Nagar Haveli; in the districts of Saurashtra namely Porbandar Amreli, Bhavnagar, Gir Somnath and in Diu. <i>Wind warning: - Strong surface winds 30- 40 kmph gusting to 50 kmph very likely to prevail over all the districts of Gujarat region, Saurashtra-Kutch and in Diu, Daman, Dadra Nagar Haveli.</i>
DAY 4: <u>Light to moderate thunderstorm</u> with lightning and surface wind 30- 40 kmph gusting to 50 kmph accompanied with light rain to moderate very likely at isolated places in all the districts of South Gujarat region, Saurashtra- Kutch & in Diu, Daman, Dadara Nagar Haveli. <i>Wind warning: - Strong surface winds 30-40 KMPH gusting to 50KMPH very likely to prevail over all the districts of Gujarat region, Saurashtra-Kutch and in Diu, Daman, Dadra Nagar Haveli.</i>
DAY 5: <u>Light to moderate thunderstorm</u> with lightning and surface wind 30- 40 kmph gusting to 50 kmph accompanied with light rain to moderate very likely at isolated places in the districts of South Gujarat region namely Bharuch, Surat, Navsari, Valsad and in Daman, Dadara Nagar Haveli; in all the districts of Saurashtra- Kutch & in Diu. <i>Wind warning: - Strong surface winds 30-40 KMPH gusting to 50KMPH very likely to prevail over all the districts of Gujarat region, Saurashtra-Kutch and in Diu, Daman, Dadra Nagar Haveli.</i>

Thunderstorm warning map for the Gujarat State for next five days:



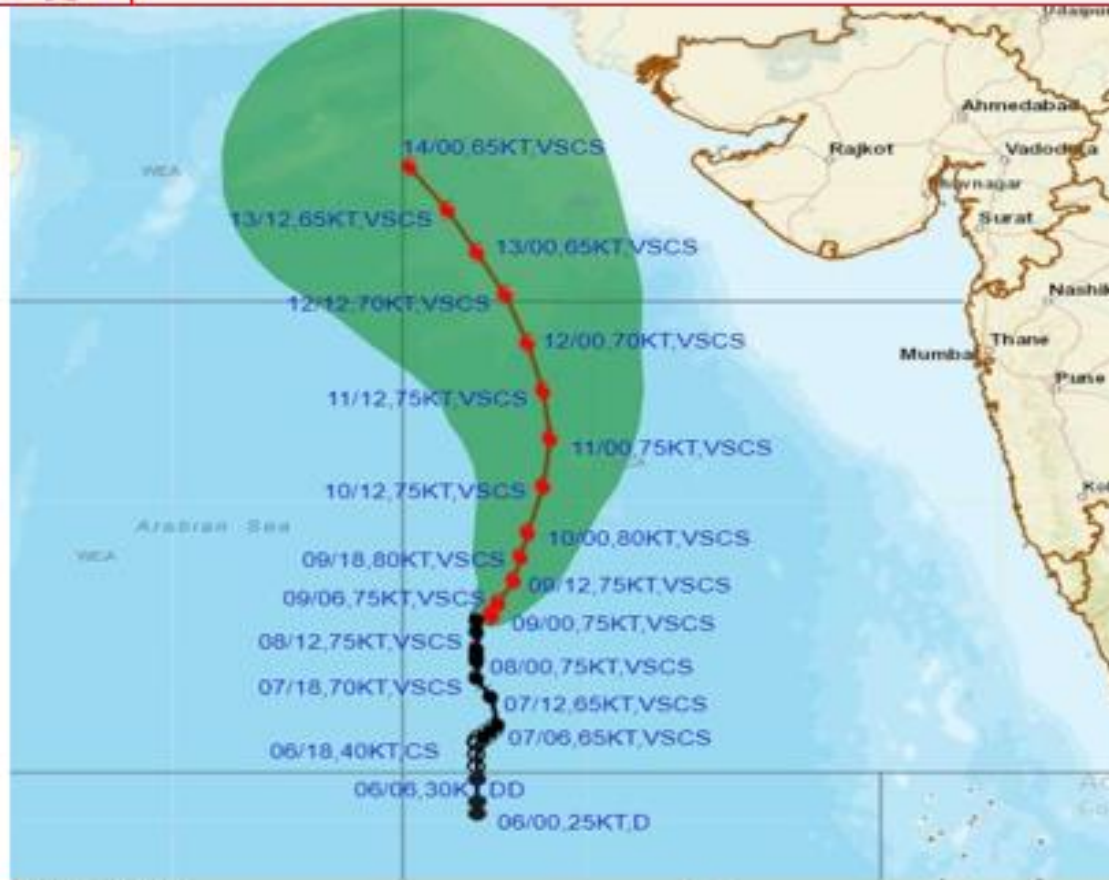
Wind warning map for 10th to 13th June 2023:







OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF VERY SEVERE CYCLONIC STORM "BIPARJOY" OVER EASTCENTRAL ARABIAN SEA BASED ON 0000 UTC (0530 IST) OF 09TH JUNE 2023.



DATE/TIME IN UTC

IST=UTC +0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

D: DEPRESSION (17-27 KT)

DD: DEEP DEPRESSION (28-33 KT)

CS: CYCLONIC STORM (34-47 KT)

SCS: SEVERE CYCLONIC STORM (48-63 KT)

VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)

ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)

SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

● LESS THAN 34 KT

○ 34-47 KT

○ ≥ 48 KT

— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY

STATIONS	DISTANCE(KM) AND DIRECTION FROM STATIONS		
	10.06.23/0000	11.06.23/0000	12.06.23/0000
PORBANDAR	690, SSW	520, SSW	400, SW
BOMBAY / COLABA	720, WSW	630, WSW	640, W
GOA/PANJIM	770, W	770, WNW	860, WNW
KARACHI AIRPORT	980, S	800, S	620, S
MASIRAH	960, ESE	910, ESE	820, E

Fishermen warning graphics

