1	Depression over Southwest & adjoining Southeast Bay of Bengal	30-01-2023	02-02-2023
2	Extremely Severe Cyclonic Storm MOCHA over Bay of Bengal	09-05-2023	15-05-2023
3	Extremely Severe Cyclonic Storm BIPARJOY over the Southeast Arabian Sea	06-06-2023	19-06-2023
4	Deep Depression over the Northeast Bay of Bengal	01-08-2023	03-08-2023
5	Depression over Eastcentral Arabian Sea	30-09-2023	01-10-2023
6	Extremely Severe cyclonic Storm TEJ over southwest Arabian Sea	20-10-2023	24-10-2023
7	Very Severe Cyclonic Storm HAMOON over Westcentral Bay of Bengal	21-10-2023	25-10-2023
8	Severe Cyclonic Storm MIDHILI over the Westcentral Bay of Bengal	15-11-2023	18-11-2023
9	Severe Cyclonic Storm MICHAUNG over southeast adjoining southwest Bay of Bengal	01-12-2023	06-12-2023

Table1: Best track positions and other parameters of the Depression over Southwest Bay of Bengal during 30 January - 02 February, 2023.

Date	Time (UTC)	Centre lat.^{0} N/ long.^{0} E		C.I. NO.	Estimated Central Pressure (hPa)	Estimated Maximum Sustained Surface Wind (kt)	Estimated Pressure drop at the Centre (hPa)	Grade
30.01.23	0300	7.7	87.2	1.5	1004	25	4	D
	0600	7.9	86.6	1.5	1004	25	4	D
	1200	8.0	86.0	1.5	1004	25	4	D
	1800	8.1	85.3	1.5	1004	25	4	D
31.01.23	0000	8.2	84.8	1.5	1004	25	4	D
	0300	8.4	84.3	1.5	1004	25	4	D
	0600	8.6	83.9	1.5	1004	25	4	D
	1200	8.6	83.5	1.5	1004	25	4	D
	1800	8.3	82.9	1.5	1004	25	4	D
01.02.23	0000	8.2	82.7	1.5	1004	25	4	D
	0300	8.2	82.5	1.5	1004	25	4	D
	0600	8.2	82.5	1.5	1004	25	4	D
	1200	8.2	82.3	1.5	1004	25	4	D
	1800	8.1	82.1	1.5	1004	25	4	D
	Crossed Sri Lanka coast between Batticaloa and Trincomalee near							

	latitude 7.8°N and longitude 81.6°E during 0330 to 0430 hours IST of the 2nd February as a depression with the estimated maximum sustained wind speed of 25 knots (45-55 kmph gusting to 65 kmph).							
02.02.23	0000	7.6	81.4	-	1004	25	4	D
	0300	7.2	81.1	-	1004	20	4	D
	0600	6.8	80.8	-	1006	20	4	D
	1200	6.3	80.3	-	1006	20	4	D
	1800	Weakened into a well marked low pressure area over Comorin and adjoining Gulf of Mannar & west coast of Sri Lanka						

Table2: Best track positions and other parameters of the Extremely Severe Cyclonic Storm MOCHA over BoB during 09th – 15th May, 2023

Date	Time (UTC)	Lat.	Long.	C.I. NO.	Estimated Central Pressure (hPa)	Estimated Maximum Sustained Surface Wind (kt)	Estimated Pressure drop at the Centre (hPa)	Grade
09.05.23	1200	8.3	89.5	1.5	1002	25	3	D
	1800	8.5	89.3	1.5	1002	25	3	D
10.05.23	0000	8.5	89.0	2.0	1000	30	4	DD
	0300	8.8	88.9	2.0	1000	30	4	DD
	0600	9.1	88.7	2.0	999	30	4	DD
	1200	10.0	88.4	2.0	998	30	5	DD
	1800	10.8	88.2	2.0	998	30	5	DD
11.05.23	0000	11.2	88.1	2.5	997	35	6	CS
	0300	11.4	88.0	2.5	996	35	7	CS
	0600	11.6	88.0	3.0	996	45	10	CS
	0900	11.8	88.0	3.0	996	45	10	CS
	1200	12.2	88.0	3.0	994	50	12	SCS
	1500	12.5	88.1	3.5	992	50	12	SCS
	1800	12.7	88.1	3.5	992	50	12	SCS
	2100	12.9	88.1	3.5	986	60	18	SCS
12.05.23	0000	13.2	88.1	4.0	982	65	22	VSCS
	0300	13.6	88.2	4.0	982	65	22	VSCS
	0600	14.0	88.3	4.5	974	75	30	VSCS
	0900	14.3	88.4	5.0	970	85	36	VSCS
	1200	14.6	88.6	5.0	970	85	36	VSCS
	1500	14.8	88.7	5.5	964	90	40	ESCS
	1800	15.1	88.8	5.5	954	100	50	ESCS
	2100	15.2	88.9	5.5	954	100	50	ESCS
13.05.23	0000	15.4	89.1	5.5	954	100	50	ESCS
	0300	15.7	89.5	5.5	954	100	50	ESCS
	0600	16.0	90.0	5.5	950	105	54	ESCS
	0900	16.4	90.3	5.5	950	105	54	ESCS
	1200	16.9	90.8	6.0	944	110	60	ESCS
	1500	17.4	90.9	6.0	944	110	60	ESCS
	1800	17.9	91.0	6.0	938	115	66	ESCS
	2100	18.3	91.3	6.0	938	115	66	ESCS
14.05.23	0000	18.7	91.5	6.0	938	115	66	ESCS
	0300	19.3	91.9	6.0	944	110	60	ESCS
	0600	19.9	92.5	5.5	952	100	52	ESCS
		Crossed North Myanmar – Southeast Bangladesh coasts between KYAUKPYU (Myanmar) and Cox's Bazar (Bangladesh) close to North						

		of Sittwe (Myanmar) near latitude 20.3 and longitude 92.8 with maximum sustained wind speed 180-190 kmph gusting to 210 kmph during 0700-0900 UTC (1230-1430 hrs IST).						
	0900	20.5	92.9	-	964	90	40	ESCS
	1200	21.1	93.3	-	974	75	30	VSCS
	1500	21.8	93.8	-	984	60	18	SCS
	1800	22.7	94.6	-	992	50	12	SCS
	2100	23.5	95.3	-	996	35	6	CS
15.05.23	0000	23.9	97.8	-	1000	25	3	D
	0300	Weakened into a well-marked low pressure area over Northeast Myanmar and Neighborhood						

Table3: Best track positions and other parameters of the Extremely Severe Cyclonic Storm "BIPARJOY" over Arabian Sea during 06th – 19th June, 2023

Date	Time (UTC)	Lat.	Long.	C.I. NO.	Estimated Central Pressure (hPa)	Estimated Maximum Sustained Surface Wind (kt)	Estimated Pressure drop at the Centre (hPa)	Grade
06.06.23	0000	11.3	66.0	1.5	1000	25	3	D
	0300	11.5	66.0	1.5	1000	25	3	D
	0600	11.9	66.0	2.0	999	30	5	DD
	1200	12.1	66.0	2.5	998	35	6	CS
	1500	12.3	66.0	2.5	998	35	7	CS
	1800	12.5	66.0	2.5	996	40	8	CS
	2100	12.5	66.0	3.0	996	45	10	CS
07.06.23	0000	12.6	66.1	3.5	990	55	15	SCS
	0300	12.7	66.2	3.5	988	60	18	SCS
	0600	12.8	66.3	4.0	983	65	21	VSCS
	0900	13.1	66.3	4.0	983	65	21	VSCS
	1200	13.3	66.2	4.0	983	65	22	VSCS
	1500	13.4	66.2	4.0	983	65	22	VSCS
	1800	13.6	66.0	4.0	980	70	24	VSCS
	2100	13.7	66.0	4.0	980	70	26	VSCS
08.06.23	0000	13.9	66.0	4.5	978	75	28	VSCS
	0300	14.0	66.0	4.5	978	75	28	VSCS
	0600	14.1	66.0	4.5	978	75	28	VSCS
	0900	14.3	66.0	4.5	978	75	28	VSCS
	1200	14.4	66.0	4.5	978	75	28	VSCS
	1500	14.5	66.0	4.5	978	75	28	VSCS
	1800	14.6	66.0	4.5	978	75	28	VSCS
	2100	14.6	66.0	4.5	978	75	28	VSCS
09.06.23	0000	14.7	66.2	4.5	978	75	28	VSCS
	0300	14.8	66.4	4.0	980	70	24	VSCS
	0600	15.0	66.6	4.0	980	70	24	VSCS
	0900	15.3	66.9	4.0	980	70	24	VSCS
	1200	15.5	67.1	4.0	982	65	24	VSCS
	1500	15.7	67.3	4.0	982	65	24	VSCS

	1800	16.0	67.4	4.0	978	70	24	VSCS
	2100	16.3	67.4	4.0	976	70	24	VSCS
10.06.23	0000	16.5	67.4	4.5	974	75	28	VSCS
	0300	16.7	67.4	4.5	972	75	28	VSCS
	0600	16.8	67.4	4.5	970	75	28	VSCS
	0900	16.9	67.4	4.5	966	80	32	VSCS
	1200	17.1	67.3	4.5	964	80	32	VSCS
	1500	17.3	67.3	4.5	964	80	32	VSCS
	1800	17.4	67.3	4.5	962	85	36	VSCS
	2100	17.6	67.3	4.5	962	85	36	VSCS
11.06.23	0000	17.9	67.4	5.0	960	90	40	ESCS
	0300	18.0	67.6	5.0	958	90	40	ESCS
	0600	18.2	67.7	5.0	958	90	40	ESCS
	0900	18.4	67.7	5.0	958	90	40	ESCS
	1200	18.6	67.7	5.0	958	90	40	ESCS
	1500	18.7	67.7	5.0	958	90	40	ESCS
	1800	18.9	67.7	5.0	958	90	40	ESCS
	2100	19.0	67.7	5.0	958	90	40	ESCS
12.06.23	0000	19.2	67.7	5.0	958	90	40	ESCS
	0300	19.4	67.7	5.0	958	90	40	ESCS
	0600	19.6	67.6	5.0	958	90	40	ESCS
	0900	19.7	67.5	5.0	958	90	40	ESCS
	1200	19.9	67.3	5.0	960	90	40	ESCS
	1500	20.0	67.2	5.0	960	90	40	ESCS
	1800	20.1	67.2	4.5	962	85	36	VSCS
	2100	20.3	67.2	4.5	962	85	36	VSCS
13.06.23	0000	20.6	67.0	4.5	962	85	36	VSCS
	0300	20.9	66.9	4.5	962	85	36	VSCS
	0600	21.0	66.7	4.5	962	85	36	VSCS
	0900	21.1	66.5	4.5	962	85	36	VSCS
	1200	21.3	66.5	4.5	962	85	36	VSCS
	1500	21.4	66.4	4.5	962	85	36	VSCS
	1800	21.7	66.3	4.5	962	85	36	VSCS
	2100	21.7	66.3	4.5	964	85	36	VSCS
14.06.23	0000	21.8	66.3	4.5	966	80	32	VSCS
	0300	21.8	66.3	4.5	966	80	32	VSCS
	0600	21.8	66.3	4.5	966	80	32	VSCS
	0900	21.9	66.5	4.5	966	80	32	VSCS
	1200	22.0	66.7	4.5	970	75	28	VSCS

	1500	22.1	66.8	4.0	974	70	24	VSCS
	1800	22.2	66.9	4.0	974	70	24	VSCS
	2100	22.3	66.9	4.0	974	70	24	VSCS
15.06.23	0000	22.4	67.0	4.0	974	70	24	VSCS
	0300	22.6	67.1	4.0	974	70	24	VSCS
	0600	22.7	67.3	4.0	976	65	21	VSCS
	0900	22.8	67.6	4.0	976	65	21	VSCS
	1200	22.9	68.0	4.0	976	65	21	VSCS
	1500	23.1	68.3	4.0	976	65	21	VSCS
	Crossed Saurashtra & Kutch and adjoining Pakistan coasts between Mandvi (Gujarat) and Karachi (Pakistan) close to Jakhau Port (Gujarat) near latitude 23.28°N and longitude 68.56°E during 1700 hours IST and 1800 hours IST.							
	1800	23.3	68.6	-	980	60	18	SCS
	2100	23.4	68.9	-	982	50	12	SCS
16.06.23	0000	23.4	69.2	-	978	50	12	SCS
	0300	23.5	69.5	-	978	45	10	CS
	0600	23.7	69.8	-	980	40	8	CS
	0900	23.9	70.0	-	984	40	8	CS
	1200	24.2	70.3	-	986	35	7	CS
	1500	24.5	70.7	-	987	35	6	CS
	1800	24.6	70.9	-	988	30	4	DD
17.06.23	0000	24.7	71.2	-	988	30	4	DD
	0300	25.0	71.5	-	988	30	4	DD
	0600	25.3	71.9	-	989	30	4	DD
	1200	25.6	72.5	-	990	25	3	D
	1800	25.8	72.8	-	991	25	3	D
18.06.23	0000	26.0	73.3	-	991	25	3	D
	0300	26.2	73.8	-	992	25	3	D
	0600	26.3	74.0	-	994	25	3	D
	1200	26.3	74.7	-	995	20	3	D
	1800	26.3	75.2	-	995	20	3	D
19.06.23	0000	26.3	76.0	-	995	20	3	D
	0300	Weakened into a well-marked low pressure area over Northeast Rajasthan and neighbourhood						

Table 4: Best track positions and other parameters of the Deep Depression over Northeast Bay of Bengal during 01 August - 03 August, 2023

Date	Time (UTC)	Centre lat.^{0} N/ long.^{0} E		C.I. NO.	Estimated Central Pressure (hPa)	Estimated Maximum Sustained Surface Wind (kt)	Estimated Pressure drop at the Centre (hPa)	Grade
01.08.23	0000	20.5	91.5	1.5	992	25	3	D
	0300	21.2	91.2	2.0	990	30	4	DD
	0600	21.6	90.7	2.0	990	30	4	DD
	Crossed Bangladesh coast near latitude 21.9°N and longitude 90.3°E close to east of Khepupara, during 1530 to 1630 hours IST on 1st Aug 2023, as a deep depression, with maximum sustained wind speed of 55-65 kmph gusting to 75 kmph.							
	1200	22.5	89.5	-	988	30	4	DD
	1800	22.8	89	-	988	30	4	DD
02.08.23	0000	23.1	87.4	-	988	30	4	DD
	0300	23.2	87.1	-	988	30	4	DD
	0600	23.3	86.3	-	988	30	4	DD
	1200	23.3	85.1	-	990	25	3	D
	1800	23.3	84.1	-	990	25	3	D
03.08.23	0000	23.4	83.4	-	990	25	3	D
	0300	23.5	83.1	-	992	25	3	D
	0600	23.5	83.1	-	992	20	3	D
	1200	Weakened into a well-marked low pressure area over north Chhattisgarh and neighborhood in the evening (1730 hrs IST) of 3rd August.						

Table 5: Best track positions and other parameters of the Depression over Eastcentral Arabian Sea during 30th Sep - 01st October, 2023

Date	Time (UTC)	Centre lat.^{0} N/ long.^{0} E		C.I. NO.	Estimated Central Pressure (hPa)	Estimated Maximum Sustained Surface Wind (kt)	Estimated Pressure drop at the Centre (hPa)	**Grade**
30.09.2023	0300	15.9	72.8	1.5	1002	25	4	**D**
	0600	16.4	73.1	1.5	1002	25	4	**D**
	1200	16.6	73.2	1.5	1000	25	4	**D**
	1800	16.8	73.5	1.5	1002	25	4	**D**
	Crossed South Konkan coast between Panjim and Ratnagiri during 1500-1700 UTC.							
01.10.2022	0000	17.0	74.0	-	1002.8	25	4	**D**
	0300	Weakened into a well-marked low pressure area over south Madhya Maharashtra and neighbourhood.						

Table 6: Best track positions and other parameters of the Extremely Severe Cyclonic Storm TEJ over AS during 20th – 24th October, 2023

Date	Time (UTC)	Latitude	Longitude	CI No	ECP	MSW (kt)	ΔP (hpa)	Category
20.10.23	0300	9.3	61.7	1.5	1004	25	4	D
	0600	9.3	61.5	1.5	1004	25	4	D
	1200	9.4	61.3	2.0	1003	30	5	DD
	1800	9.5	60.7	2.0	1002	30	6	DD
21.10.23	0000	9.9	59.4	2.5	1001	35	7	CS
	0300	10.1	58.8	3.0	998	45	10	CS
	0600	10.3	58.4	3.0	996	50	12	SCS
	0900	10.2	57.9	3.0	995	55	13	SCS
	1200	10.6	57.4	3.5	992	55	16	SCS
	1500	11.1	57.0	4.0	988	65	20	VSCS
	1800	11.3	56.6	4.5	980	75	28	VSCS
	2100	11.7	56.1	4.5	976	80	32	VSCS
22.10.23	0000	12.0	56.0	4.5	972	85	36	VSCS
	0300	12.3	55.4	5.0	964	95	44	ESCS
	0600	12.6	55.1	5.0	964	95	44	ESCS
	0900	12.9	54.7	5.0	964	95	44	ESCS
	1200	13.3	54.4	5.0	964	95	44	ESCS
	1500	13.6	54.1	5.0	964	95	44	ESCS
	1800	13.8	53.9	5.0	964	95	44	ESCS
	2100	14.1	53.6	5.0	966	95	42	ESCS
23.10.23	0000	14.4	53.5	5.0	968	90	40	ESCS
	0300	14.7	53.2	4.5	972	85	36	VSCS
	0600	15.0	52.9	4.5	976	80	32	VSCS
	0900	15.1	52.8	4.5	978	80	30	VSCS
	1200	15.4	52.7	4.0	981	75	27	VSCS
	1500	15.6	52.5	4.0	984	70	24	VSCS
	1800	15.8	52.3	4.0	986	70	22	VSCS
	2100	15.9	52.2	4.0	988	65	20	VSCS
24.10.23		Crossed Yemen coast close to south of Al Ghaidah between 2100 UTC and 2200 UTC near (15.90N/52.15E)						
	0000	15.9	52.1	-	990	60	18	SCS
	0300	16.0	51.8	-	996	50	12	SCS
	0600	16.1	51.5	-	1000	40	8	CS
	0900	16.1	51.3	-	1002	30	6	DD

	1200	16.2	51.0	-	1004	25	4	D
	1500	Weakened in a WML area over Yemen						

Table 7: Best track positions and other parameters of the Very Severe Cyclonic Storm HAMOON over BoB during 21st – 25th Oct, 2023

Date	Time (UTC)	Lat.	Lon.	CI No	ECP (hPa)	MSW (kt)	ΔP (hPa)	Category
21.10.23	1800	14.7	86.4	1.5	1003	25	3	D
	2100	14.8	86.3	1.5	1003	25	3	D
22.10.23	0000	14.9	86.3	1.5	1003	25	3	D
	0300	15.0	86.2	1.5	1003	25	3	D
	0600	15.3	86.2	1.5	1003	25	4	D
	0900	15.6	86.2	1.5	1002	25	4	D
	1200	15.8	86.3	2.0	1001	30	5	DD
	1500	16.4	86.4	2.0	1001	30	5	DD
	1800	16.4	86.5	2.0	1001	30	5	DD
	2100	16.4	86.6	2.0	1001	30	5	DD
23.10.23	0000	16.7	86.7	2.0	1001	30	5	DD
	0300	17.0	86.8	2.0	1001	30	5	DD
	0600	17.4	87.0	2.0	1000	30	6	DD
	0900	17.9	87.2	2.0	1000	30	6	DD
	1200	18.3	87.3	2.5	999	35	7	CS
	1500	18.7	87.6	2.5	998	40	8	CS
	1800	19.1	88.0	3.0	998	40	8	CS
	2100	19.3	88.4	3.5	994	50	12	SCS
24.10.23	0000	19.7	88.8	3.5	990	55	16	SCS
	0300	20.0	89.5	4.0	984	65	22	VSCS
	0600	20.3	90.0	4.0	985	65	21	VSCS
	0900	20.6	90.4	4.0	986	65	20	VSCS
	1200	20.8	90.8	3.5	989	55	17	SCS
	1500	21.3	91.3	3.5	990	55	16	SCS
	1800	21.6	91.6	3.0	994	50	12	SCS
		Crossed Bangladesh Coast to the Southeast of Chittagong near (21.90^0N/91.90^0E) between 1800 UTC and 1900 UTC.						
25.10.23	2100	22.0	92.0	-	996	45	10	CS

	0000	22.2	92.2	-	999	35	7	CS
	0300	22.4	92.4	-	1003	30	5	DD
	0600	22.7	92.7	-	1004	25	4	D
	1200	Weakened into a Well-Marked Low Pressure Area (WML) over Mizoram and adjoining areas of Manipur and Myanmar						

Table 8: Best track positions and other parameters of the Cyclonic Storm "MIDHILI" over BoB during 15th – 18th November, 2023

Date	Time (UTC)	Centre lat.^{0} N/ long.^{0} E		C.I. NO.	Estimated Central Pressure (hPa)	Estimated Maximum Sustained Surface Wind (kt)	Estimated Pressure drop at the Centre (hPa)	Grade
15.11.23	0300	14.5	86.8	1.5	1005	25	3	D
	0600	14.7	86.6	1.5	1005	25	3	D
	1200	15.3	86.4	1.5	1004	25	4	D
	1800	16.0	86.4	1.5	1004	25	4	D
16.11.23	0000	16.9	86.8	2.0	1003	30	5	DD
	0300	17.4	87.0	2.0	1003	30	5	DD
	0600	17.9	87.3	2.0	1003	30	5	DD
	1200	18.6	87.7	2.0	1003	30	5	DD
	1800	19.1	88.0	2.0	1002	30	6	DD
17.11.23	0000	20.1	88.5	2.5	1001	35	7	CS
	0300	20.7	89.1	2.5	1000	40	8	CS
	0600	21.2	89.5	2.5	998	45	10	CS
	0900	21.8	90.0	3.0	996	50	12	SCS
	Crossed Bangladesh coast close to east of Patuakhali near 22.3N/90.5E during 0900-1000 UTC of 17th November as a Severe Cyclonic Storm with the maximum sustained wind speed of 50 knots (85-95 kmph gusting to 105 kmph)							
	1200	22.8	90.8	-	998	35	8	CS
	1500	23.1	91.1	-	1006	35	7	CS
	1800	23.3	91.3	-	1010	30	5	DD
18.11.23	0000	23.7	91.7	-	1010	20	3	D
	0300	Weakened into a Low Pressure area over North Tripura and Neighbourhood.						

Table 9: Best track positions and other parameters of the Severe Cyclonic Storm "MICHAUNG "over BoB during 1st – 6th December, 2023

Date	Time (UTC)	Centre lat.^{0} N/ long. ^{0} E		C.I. NO.	Estimated Central Pressure (hPa)	Estimated Maximum Sustained Surface Wind (MSW (kt)	Estimated Pressure drop at the Centre (hPa)	Grade
01.12.23	0000	9.1	86.4	1.5	1002	20	3	D
	0300	9.3	86.2	1.5	1002	20	3	D
	0600	9.5	86.0	1.5	1002	25	3	D
	1200	10.0	85.7	1.5	1001	25	3	D
	1800	10.3	85.1	1.5	1000	25	4	D
02.12.23	0000	10.5	84.1	2.0	998	30	5	DD
	0300	10.6	83.6	2.0	997	30	5	DD
	0600	10.7	83.2	2.0	997	30	5	DD
	1200	10.9	83.1	2.0	997	30	5	DD
	1800	11.1	82.7	2.0	996	30	6	DD
03.12.23	0000	11.4	82.5	2.5	995	35	7	CS
	0300	11.5	82.4	2.5	995	35	7	CS
	0600	11.8	82.2	2.5	995	35	7	CS
	0900	12.0	82.1	2.5	995	35	7	CS
	1200	12.2	82.0	2.5	995	35	7	CS
	1500	12.4	81.9	2.5	994	40	8	CS
	1800	12.8	81.6	3.0	992	45	10	CS
	2100	13.0	81.4	3.0	992	45	10	CS
04.12.23	0000	13.1	81.2	3.0	992	45	10	CS
	0300	13.3	81.0	3.0	988	50	14	SCS
	0600	13.5	80.8	3.0	988	50	14	SCS
	0900	13.7	80.7	3.0	988	50	14	SCS
	1200	14.0	80.5	3.5	986	55	16	SCS
	1500	14.3	80.4	3.5	986	55	16	SCS
	1800	14.5	80.3	3.5	986	55	16	SCS
	2100	14.7	80.2	3.5	986	55	16	SCS
05.12.23	0000	14.9	80.2	3.5	988	50	14	SCS
	0300	15.2	80.2	3.5	988	50	14	SCS
	0600	15.5	80.3	3.0	988	50	14	SCS
	Crossed South Andhra Pradesh coast close to south of Bapatla during 0700-0900 UTC (1230-1430 IST) of 05th December near Lat 15.7 deg. N and Lon 80.3 deg. E as a severe Cyclonic Storm with the maximum sustained wind speed of 50 knots (90-100 kmph gusting to 110 kmph)							

	0900	15.8	80.3	-	990	50	12	SCS
	1200	16.0	80.3	-	996	40	8	CS
	1500	16.4	80.4	-	998	35	7	CS
	1800	16.8	80.4	-	1000	30	6	DD
06.12.23	0000	17.4	80.5	-	1004	20	3	D
	0300	Weakened into a well-marked low Pressure area (WML) over Northeast Telangana						WML

KT: Knots (nautical mile per hour), 1 KT=1.85 kmph, D: Depression

Fig. 1: Observed track of Depression over Southwest Bay of Bengal during 30 January - 02 February, 2023

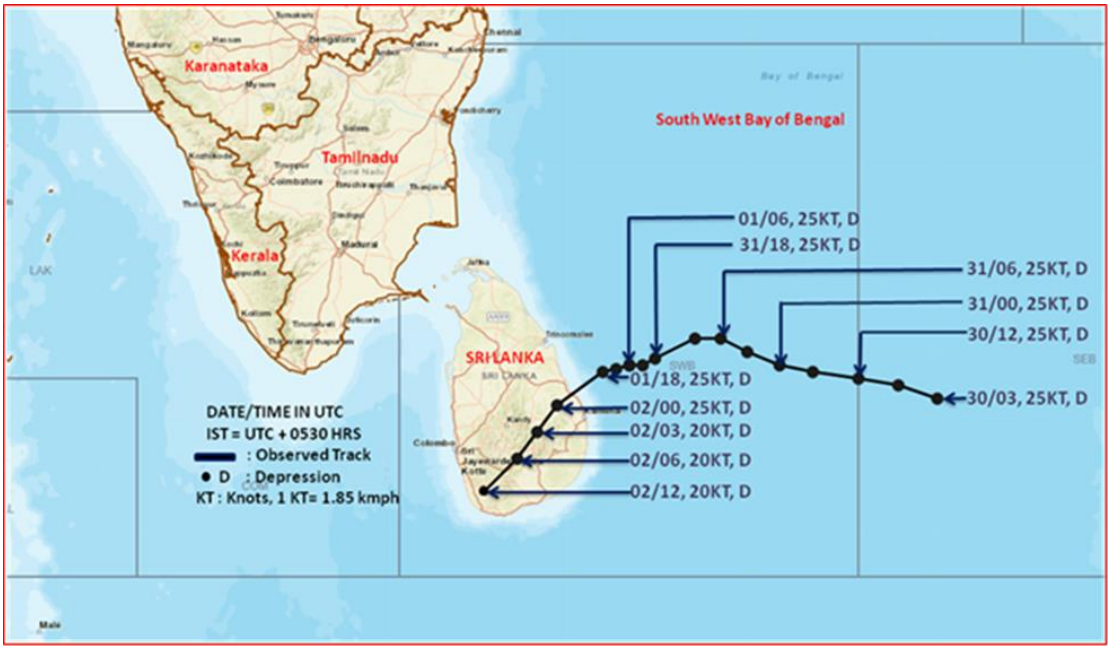

Fig. 2: Observed track of extremely severe cyclonic storm 'MOCHA" over the BoB during 9th-15th May, 2023

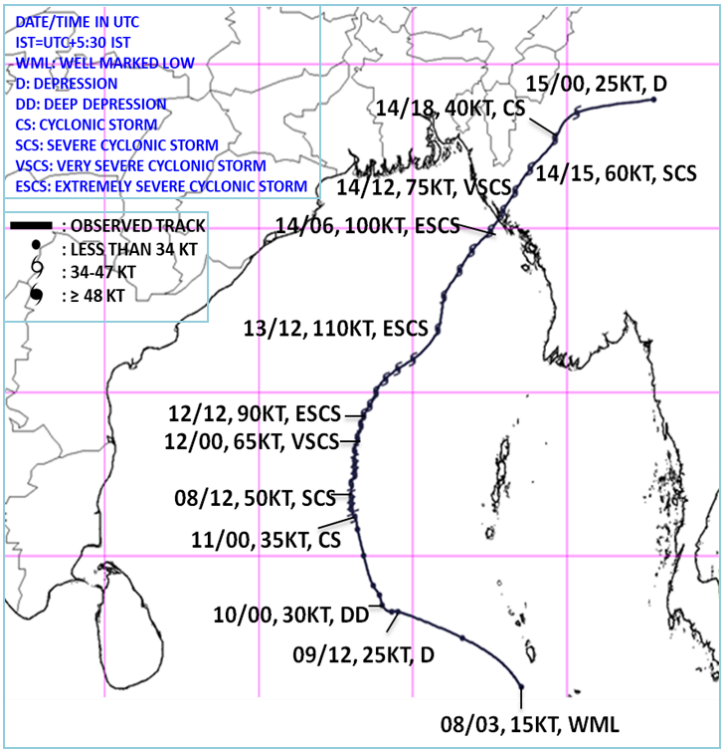

Fig. 3: Observed track of extremely severe cyclonic storm 'BIPARJOY" over the AS during 6th-19th June, 2023

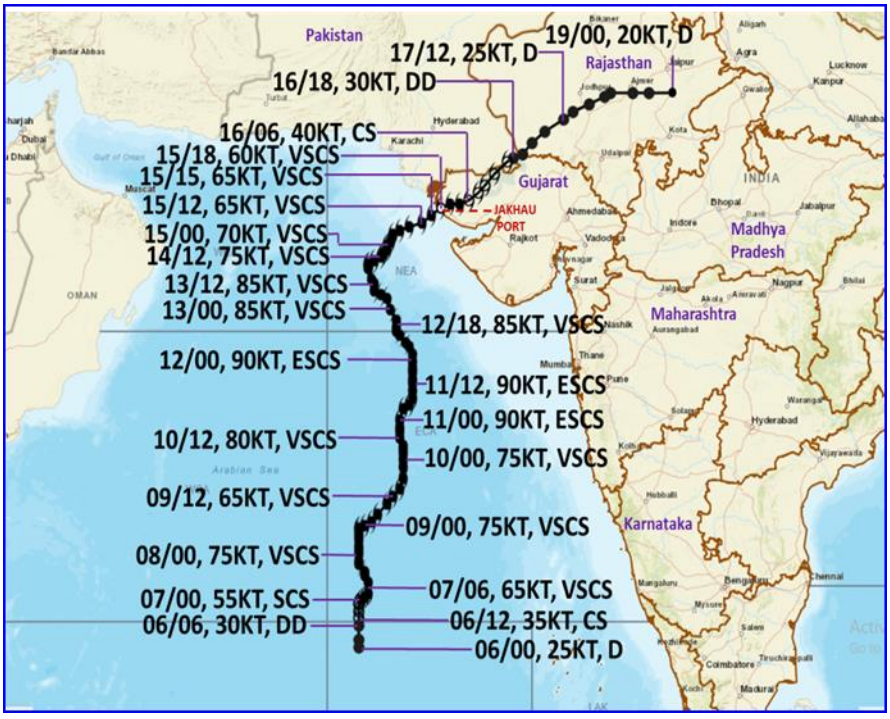

Fig. 4 Observed track of Deep Depression over Northeast Bay of Bengal during 01st August – 03rd August, 2023

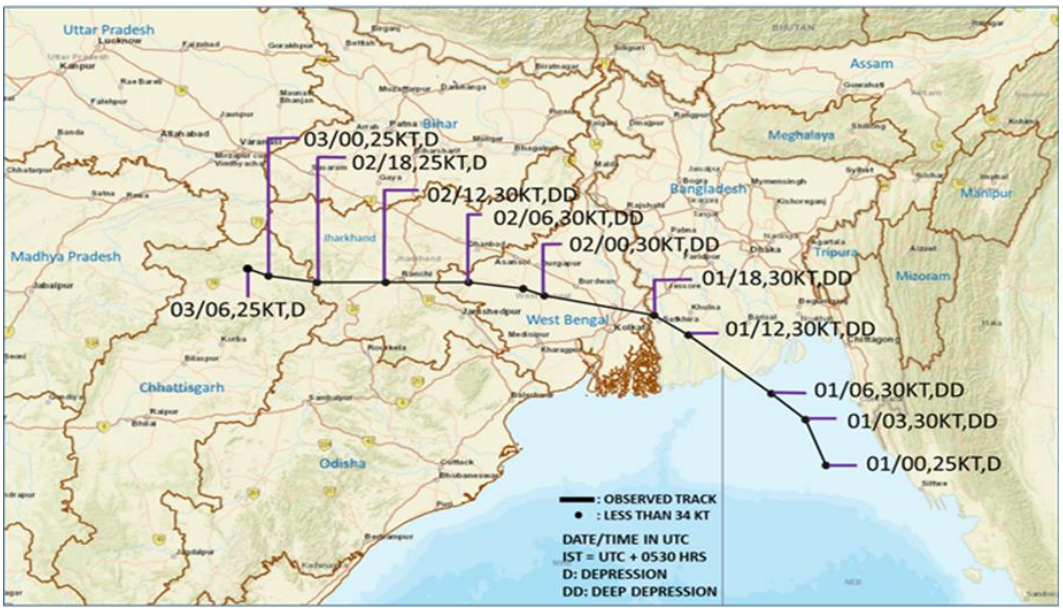

Fig. 5: Observed track of Depression over Eastcentral Arabian Sea during 30th Sep - 01st October, 2023

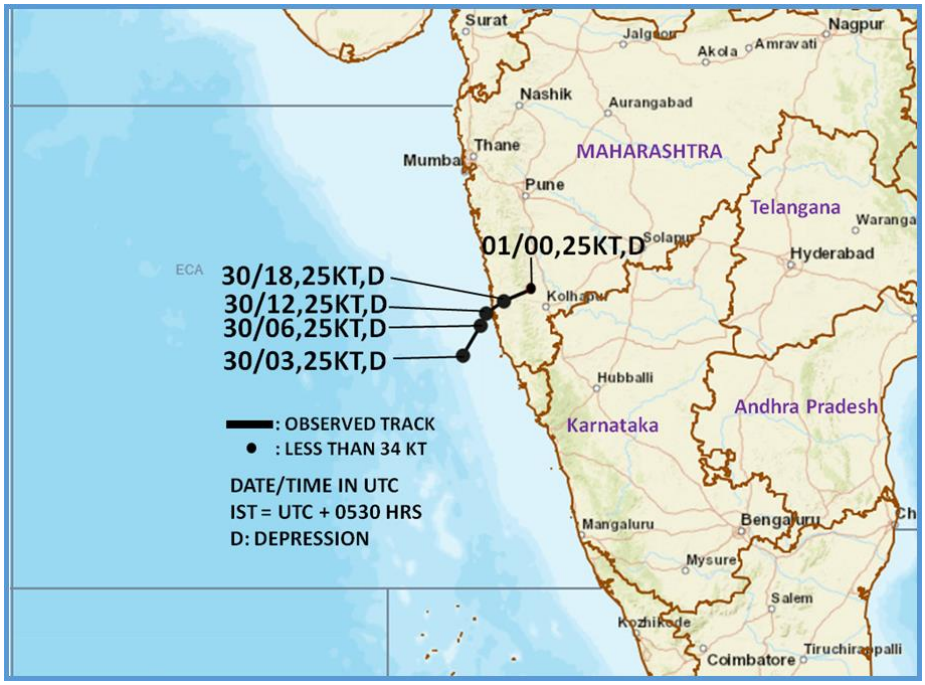

Fig. 6: Observed track of extremely severe cyclonic storm "TEJ" during 20-24 October, 2023

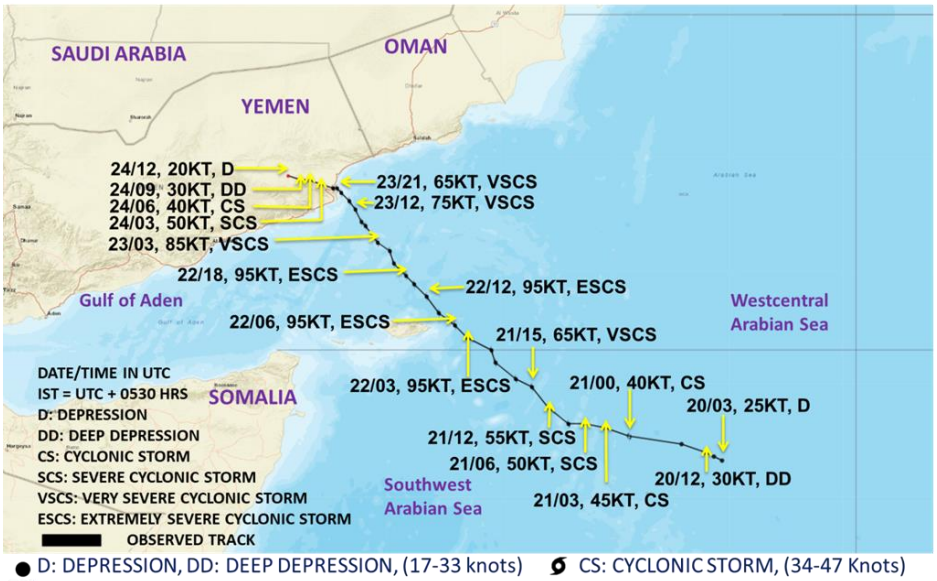

Fig. 7: Observed track of very severe cyclonic storm "HAMOON" during 21-25 October, 2023

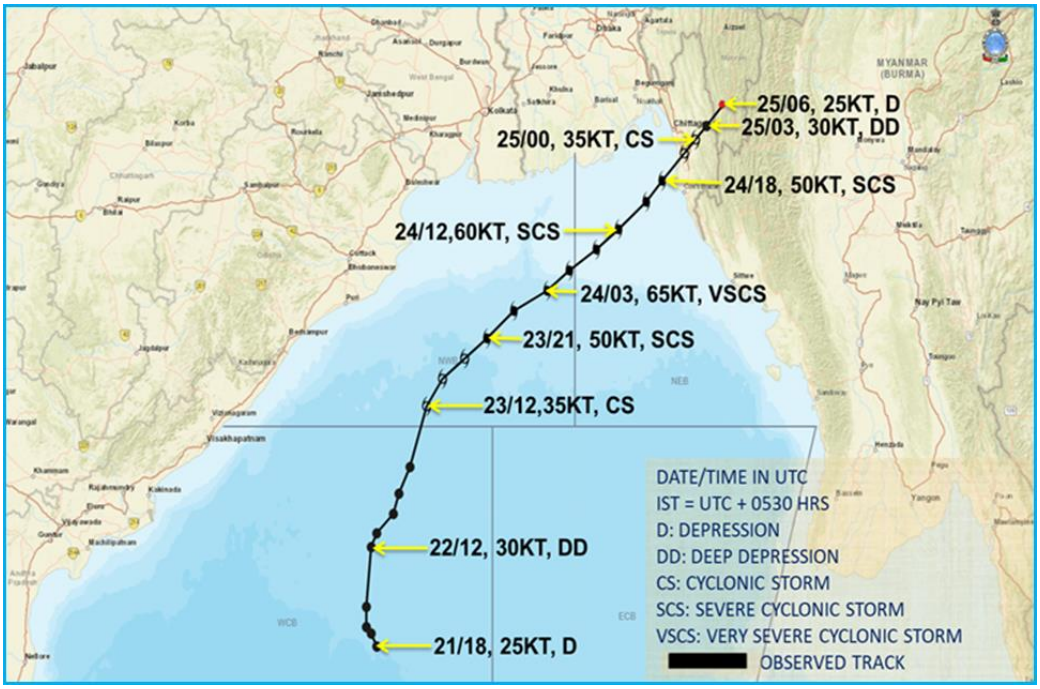

Fig. 8: Observed track of severe cyclonic storm 'MIDHILI" over Bay of Bengal during 15th – 18th November, 2023

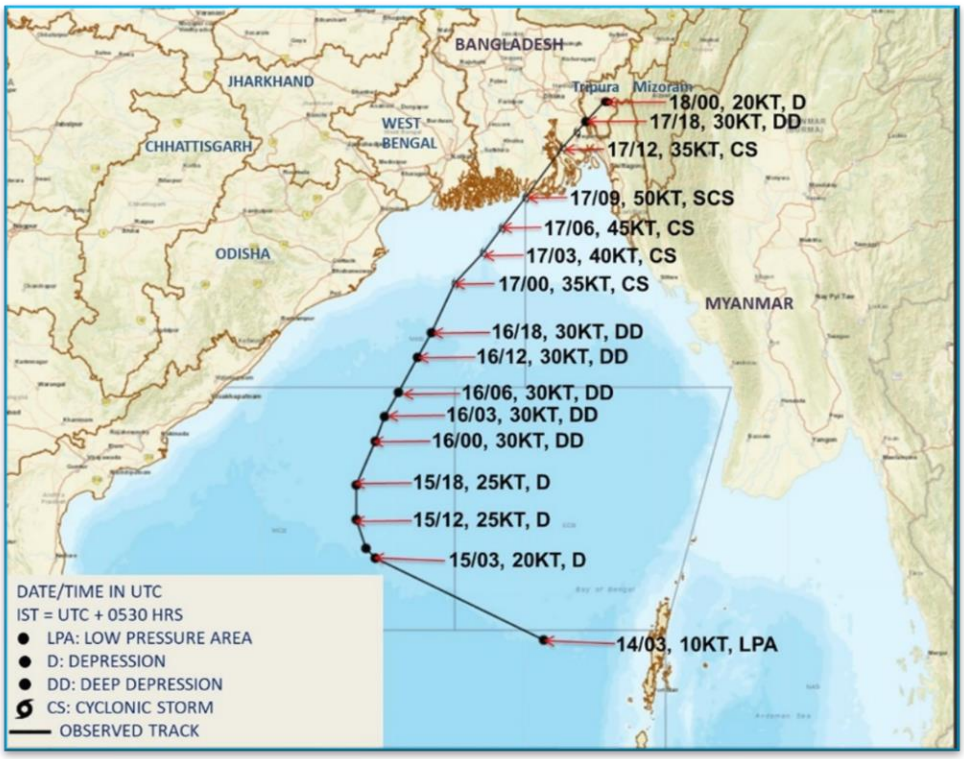

Fig. 9: Observed track of severe cyclonic storm "Michaung" over the Bay of Bengal during 1st-6th December