



SUMMARY OF MARINE WEATHER FORECAST
COASTAL AREA OF BANGLADESH
DATE: 24 to 31 Oct 2024



Fleet forecast	The Severe Cyclonic Storm “DANA” over central & adjoining Northwest Bay of Bengal moved North-Northwestwards and now lies over West-central Bay of Bengal and adjoining North-West Bay (near Lat: 18.4°N & Long: 88.0°E) and was centered at 06 AM today (24 Oct 2024). It is very likely to move North-westwards and cross North Odisha and West Bengal coasts between Puri and Sagar Island close to Bhitarkanika and Dhamara during 1800 UTC of 24th to 0000 UTC of 25th October 2024 as a Severe Cyclonic storm with a wind speed of 100-110 km/h gusting up to 120 km/h.
Wind direction, speed	South/south-easterly 11 kts, (Temporary gusting up to 41 kts).
Wave height & sea state	Wave height: 0.1 to 5.3 m (Sea state:1 to 6).
Sea surface temperature	25°C - 29°C (May remain nearly unchanged).
Baro pressure	1002 – 1011 mb
Rainfall	Light to moderate rain/thunder showers over Bay of Bengal & adjoining area.
Outlook for 24 to 31 Oct 2024: Rainfall activity may decrease at the end of said period	

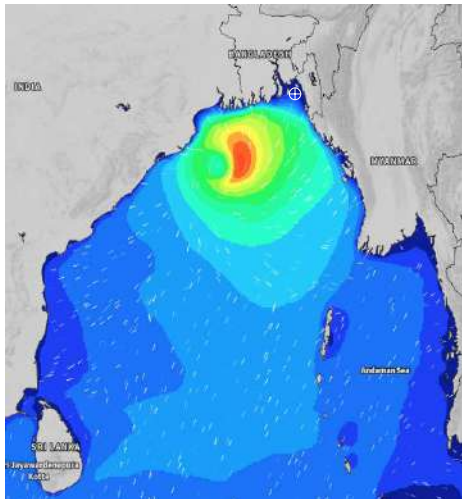


MARINE WEATHER FORECAST (24 to 31 Oct 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

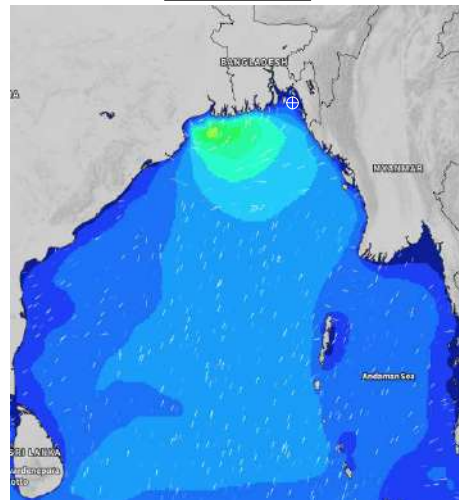


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
24-10-24 (Thursday)	0001	32	26	27	1009	ESE	5	4	0.1	1	81	32% (0.2 mm)
	0600			25	1009	NE	13	11	0.2	2	87	24% (0.0 mm)
	1200			29	1009	SSW	10	7	0.2	2	69	24% (0.0 mm)
	1800			29	1007	S	25	18	0.5	3	79	17% (0.0 mm)
25-10-24 (Friday)	0001	31	25	26	1009	SE	23	13	0.3	2	85	10% (0.0 mm)
	0600			25	1009	SE	21	11	0.3	2	88	24% (0.0 mm)
	1200			29	1009	S	15	11	0.3	2	69	24% (0.0 mm)
	1800			28	1007	S	22	17	0.4	2	83	18% (0.0 mm)
26-10-24 (Saturday)	0001	32	25	27	1009	SE	16	12	0.3	2	89	10% (0.0 mm)
	0600			26	1009	ESE	12	9	0.2	2	94	11% (0.0 mm)
	1200			29	1009	SSW	8	6	0.2	2	66	12% (0.0 mm)
	1800			28	1007	SSW	9	8	0.2	2	82	11% (0.0 mm)
27-10-24 (Sunday)	0001	32	25	26	1009	SE	11	9	0.2	2	86	10% (0.0 mm)
	0600			25	1009	ESE	8	7	0.2	2	87	11% (0.0 mm)
	1200			27	1009	SW	7	6	0.1	1	70	12% (0.0 mm)
	1800			28	1006	WSW	10	9	0.2	2	80	11% (0.0 mm)

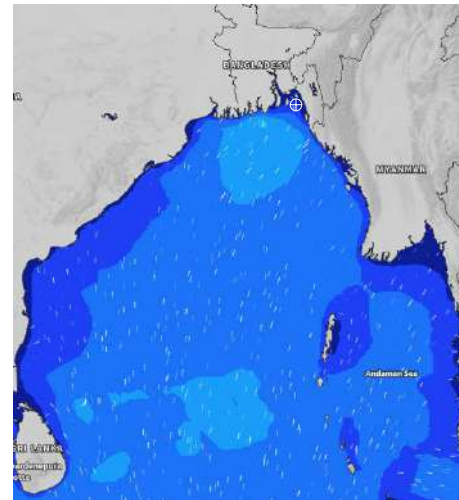
24 Oct 2024



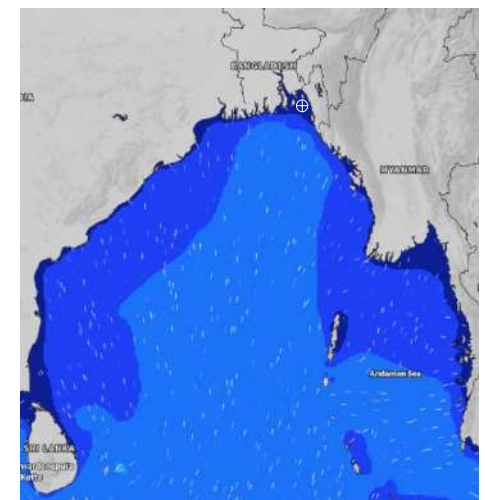
25 Oct 2024



26 Oct 2024



27 Oct 2024



Significant wave height (m)

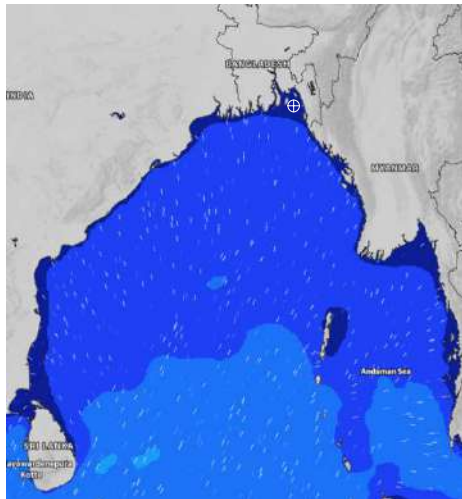


MARINE WEATHER FORECAST (24 to 31 Oct 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

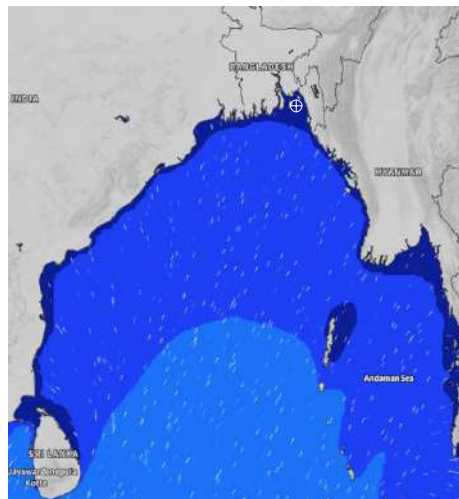


DateN	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
28-10-24 (Monday)	0001	32	25	26	1008	E	5	4	0.1	1	88	24% (0.0 mm)
	0600			25	1008	NE	7	6	0.1	1	91	24% (0.0 mm)
	1200			27	1008	WNW	7	6	0.1	1	70	18% (0.0 mm)
	1800			28	1006	W	9	8	0.1	1	81	10% (0.0 mm)
29-10-24 (Tuesday)	0001	32	25	27	1009	ESE	4	3	0.1	1	89	11% (0.0 mm)
	0600			25	1009	ENE	5	4	0.1	1	92	12% (0.0 mm)
	1200			28	1009	WNW	8	7	0.1	1	69	11% (0.0 mm)
	1800			28	1007	W	10	9	0.1	1	81	24% (0.0 mm)
30-10-24 (Wednesday)	0001	32	25	27	1009	ESE	4	3	0.1	1	90	24% (0.0 mm)
	0600			26	1010	E	5	4	0.1	1	90	18% (0.0 mm)
	1200			28	1010	W	6	5	0.1	1	73	10% (0.0 mm)
	1800			28	1009	WNW	11	10	0.2	2	81	11% (0.0 mm)
31-10-24 (Thursday)	0001	32	25	27	1011	NE	4	3	0.1	1	87	12% (0.0 mm)
	0600			26	1011	ENE	5	4	0.1	1	90	11% (0.0 mm)
	1200			28	1010	WNW	7	6	0.1	1	71	24% (0.0 mm)
	1800			28	1008	WNW	13	9	0.2	2	81	24% (0.0 mm)

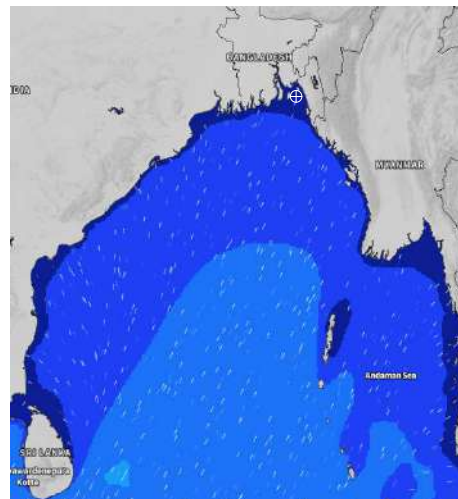
28 Oct 2024



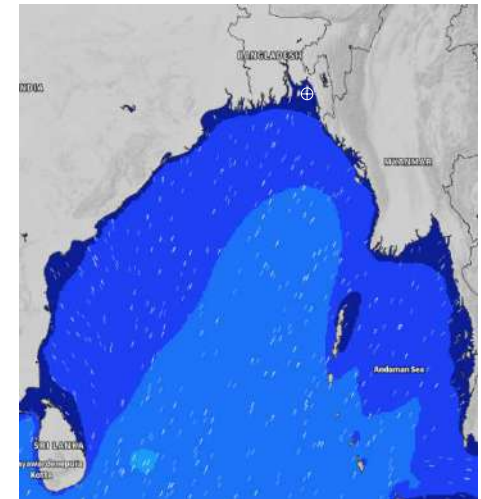
29 Oct 2024



30 Oct 2024



31 Oct 2024



Significant wave height (m)

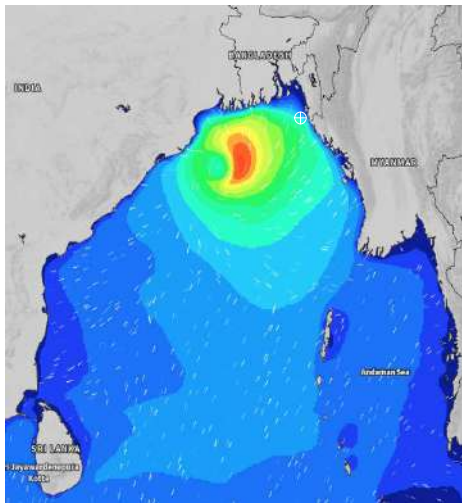


MARINE WEATHER FORECAST (24 to 31 Oct 2024) 20 NM WEST OF ELEPHANT POINT (21° 10' N, 091° 42' E)

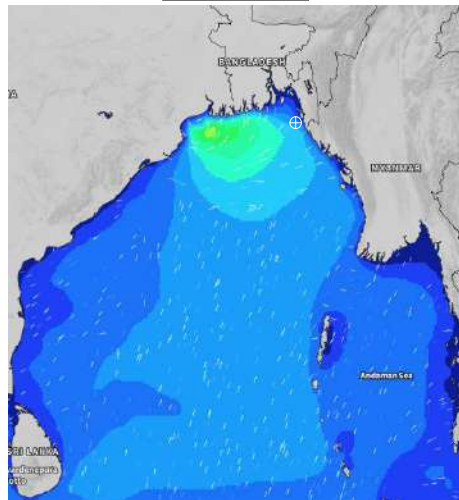


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
24-10-24 (Thursday)	0001	31	26	28	1008	SE	25	17	2.2	4	88	24% (0.0 mm)
	0600			28	1008	ESE	28	22	2.4	4	91	18% (0.0 mm)
	1200			29	1009	SSE	28	23	2.7	5	70	10% (0.0 mm)
	1800			29	1007	SSE	26	22	2.7	5	79	15% (0.0 mm)
25-10-24 (Friday)	0001	31	25	29	1008	SSE	23	21	2.5	5	85	24% (0.0 mm)
	0600			28	1008	SE	24	21	2.4	4	88	24% (0.0 mm)
	1200			29	1009	SSE	19	17	2.0	4	73	18% (0.0 mm)
	1800			29	1007	SSE	19	16	1.8	4	81	10% (0.0 mm)
26-10-24 (Saturday)	0001	31	25	29	1009	SSE	16	15	1.6	4	89	24% (0.0 mm)
	0600			28	1008	SE	15	14	1.4	4	91	24% (0.0 mm)
	1200			28	1009	SSE	11	10	1.3	4	76	24% (0.0 mm)
	1800			29	1007	SSW	12	11	1.2	3	83	18% (0.0 mm)
27-10-24 (Sunday)	0001	31	25	29	1008	S	10	9	1.3	4	87	10% (0.0 mm)
	0600			29	1009	SE	9	8	1.2	3	88	11% (0.0 mm)
	1200			29	1009	SSE	7	6	1.0	3	73	12% (0.0 mm)
	1800			29	1008	SW	9	8	0.9	3	82	35% (0.2 mm)

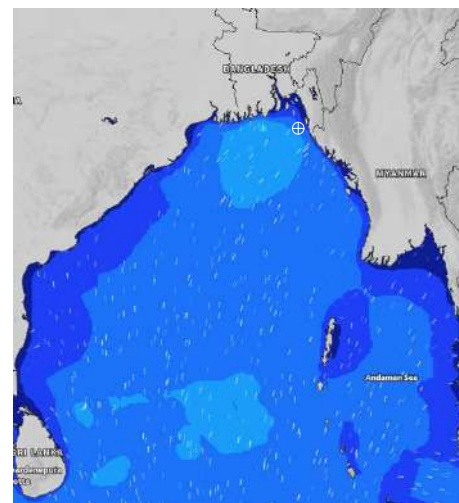
24 Oct 2024



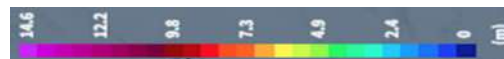
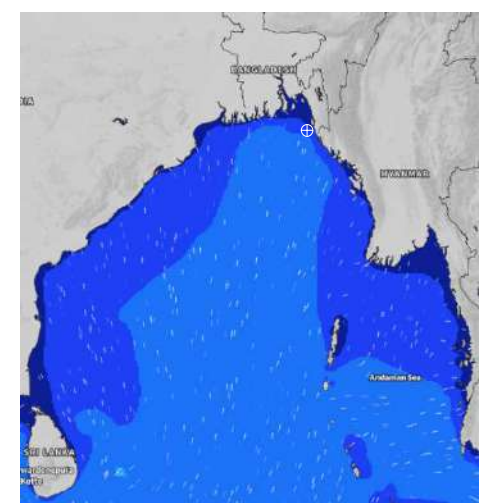
25 Oct 2024



26 Oct 2024



27 Oct 2024



Significant wave height (m)

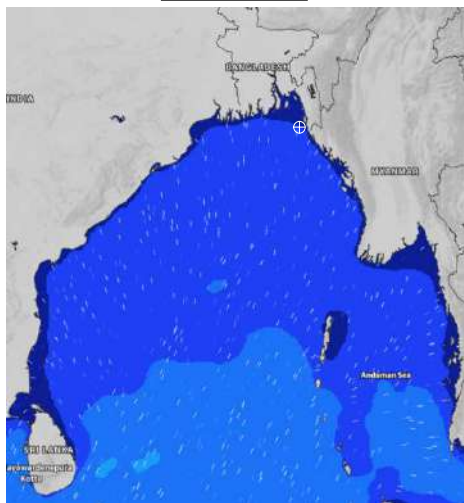


MARINE WEATHER FORECAST (24 to 31 Oct 2024) 20 NM WEST OF ELEPHANT POINT (21° 10' N, 091° 42' E)

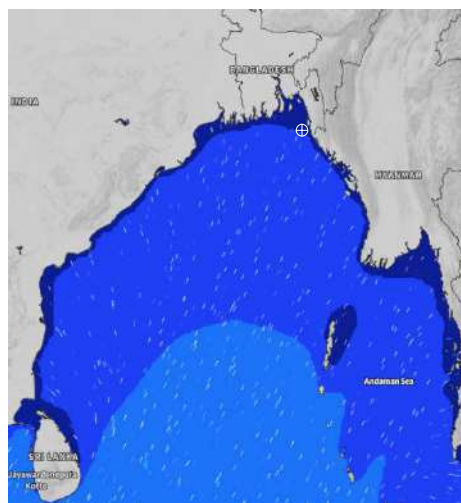


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
28-10-24 (Monday)	0001	31	26	28	1008	WNW	4	3	0.8	3	88	20% (0.0 mm)
	0600			27	1008	ENE	4	3	0.8	3	91	18% (0.0 mm)
	1200			27	1008	NW	4	3	0.7	3	71	18% (0.0 mm)
	1800			28	1006	WNW	8	7	0.7	3	82	15% (0.0 mm)
29-10-24 (Tuesday)	0001	31	25	28	1009	WNW	4	3	0.6	3	88	12% (0.0 mm)
	0600			27	1009	NE	5	4	0.6	3	90	12% (0.0 mm)
	1200			28	1009	NW	5	4	0.6	3	75	10% (0.0 mm)
	1800			28	1007	WNW	10	9	0.6	3	83	20% (0.0 mm)
30-10-24 (Wednesday)	0001	32	25	28	1009	NW	4	3	0.6	3	89	24% (0.0 mm)
	0600			28	1010	NNE	5	4	0.6	3	91	18% (0.0 mm)
	1200			29	1010	NW	6	5	0.7	3	76	10% (0.0 mm)
	1800			29	1009	WNW	11	10	0.7	3	84	11% (0.0 mm)
31-10-24 (Thursday)	0001	31	25	29	1011	NW	7	6	0.7	3	86	12% (0.0 mm)
	0600			28	1011	N	8	7	0.7	3	90	11% (0.0 mm)
	1200			29	1010	NW	9	8	0.7	3	74	24% (0.0 mm)
	1800			29	1008	WNW	13	12	0.7	3	82	24% (0.0 mm)

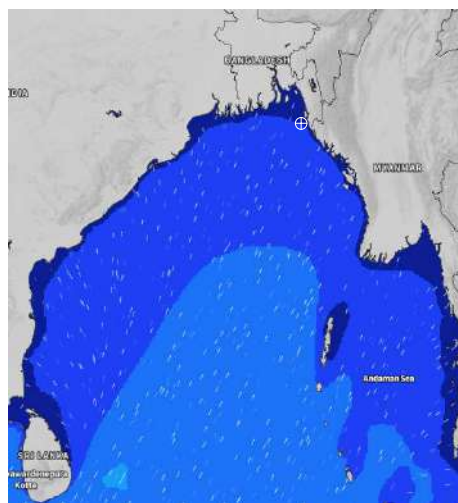
28 Oct 2024



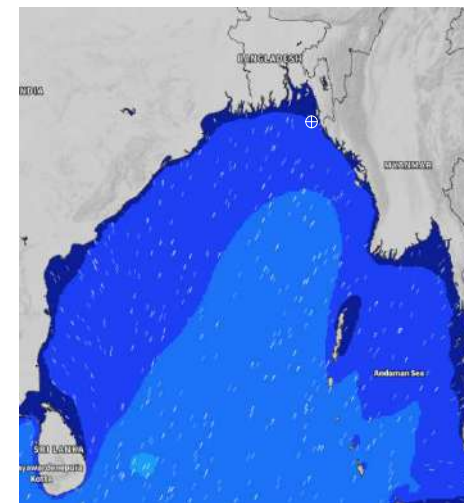
29 Oct 2024



30 Oct 2024



31 Oct 2024



Significant wave height (m)

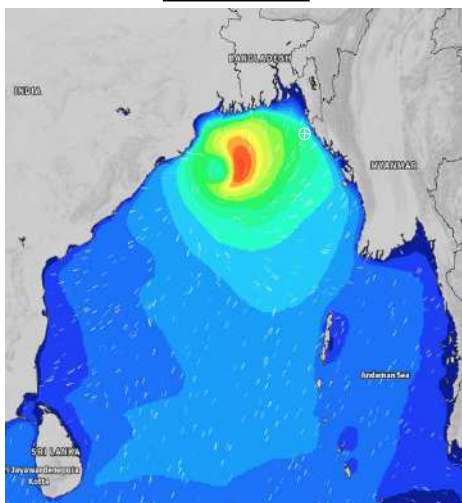


MARINE WEATHER FORECAST (24 to 31 Oct 2024)
15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37'N, 092° 03'E)

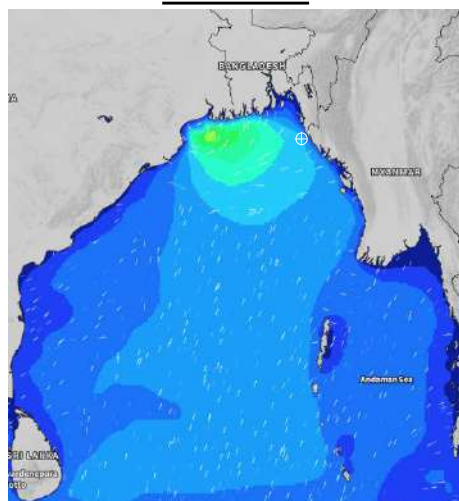


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
24-10-24 (Thursday)	0001	30	26	29	1009	SE	28	23	3.0	5	87	32% (0.2 mm)
	0600			29	1007	SE	30	25	3.2	5	90	24% (0.2 mm)
	1200			29	1009	SE	30	27	3.5	5	74	55% (0.5 mm)
	1800			29	1007	SSE	24	22	3.2	5	82	23% (0.0 mm)
25-10-24 (Friday)	0001	30	26	29	1009	SSE	21	19	2.9	5	87	23% (0.0 mm)
	0600			29	1008	SSE	19	17	2.8	5	89	34% (0.0 mm)
	1200			29	1010	SSE	15	14	2.5	5	77	24% (0.0 mm)
	1800			29	1008	SSE	15	14	2.2	4	82	11% (0.0 mm)
26-10-24 (Saturday)	0001	30	26	29	1010	S	14	13	1.9	4	80	23% (0.0 mm)
	0600			29	1008	SSE	12	11	1.7	4	85	23% (0.0 mm)
	1200			29	1010	SSE	8	7	1.5	4	79	34% (0.0 mm)
	1800			29	1007	SSW	9	8	1.4	4	86	24% (0.0 mm)
27-10-24 (Sunday)	0001	31	26	29	1009	S	10	9	1.5	4	87	11% (0.0 mm)
	0600			29	1008	SSE	7	6	1.4	4	89	23% (0.0 mm)
	1200			29	1010	S	6	5	1.3	4	76	23% (0.0 mm)
	1800			29	1006	WSW	6	5	1.1	3	83	34% (0.0 mm)

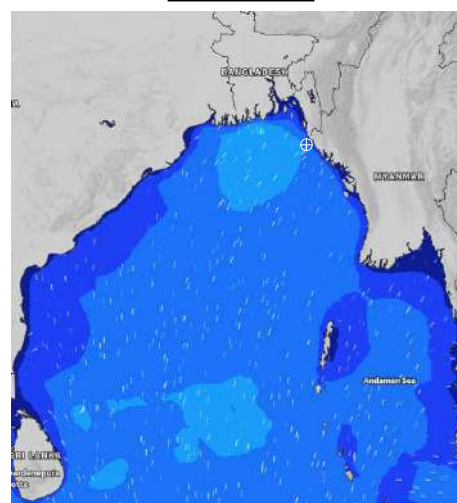
24 Oct 2024



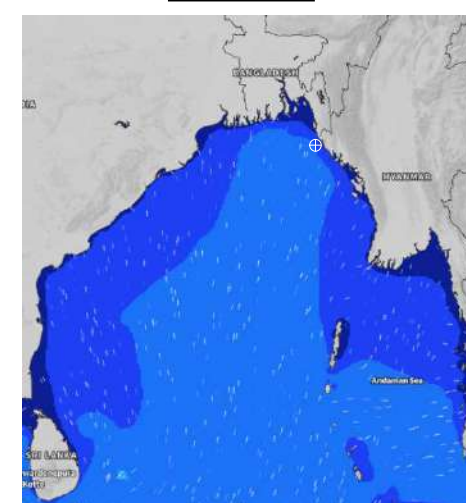
25 Oct 2024



26 Oct 2024



27 Oct 2024



Significant wave height (m)

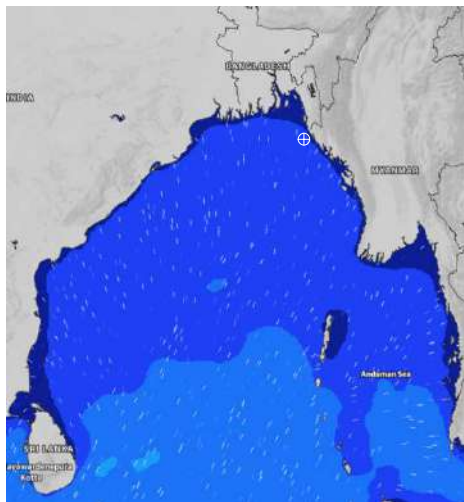


MARINE WEATHER FORECAST (24 to 31 Oct 2024)
15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37'N, 092° 03'E)

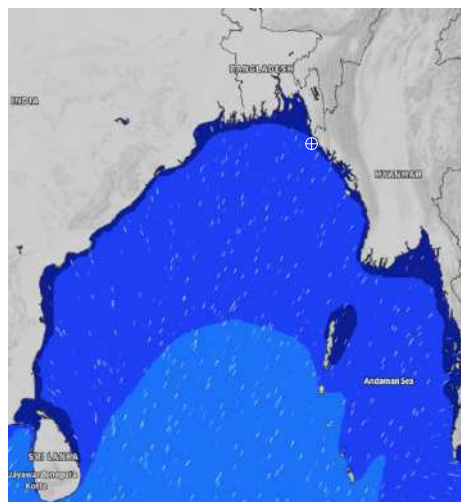


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
28-10-24 (Monday)	0001	31	26	29	1008	W	6	5	1.0	3	88	24% (0.0 mm)
	0600			28	1007	N	6	5	1.0	3	91	20% (0.0 mm)
	1200			28	1009	NNE	4	3	0.9	3	74	31% (0.0 mm)
	1800			29	1006	WNW	5	4	0.8	3	83	24% (0.0 mm)
29-10-24 (Tuesday)	0001	31	26	29	1009	W	7	6	0.8	3	88	16% (0.0 mm)
	0600			28	1008	NW	5	4	0.8	3	91	23% (0.0 mm)
	1200			28	1011	NNW	5	4	0.8	3	74	23% (0.0 mm)
	1800			29	1007	WNW	8	7	0.8	3	84	34% (0.0 mm)
30-10-24 (Wednesday)	0001	31	26	29	1010	NW	8	7	0.8	3	80	24% (0.0 mm)
	0600			28	1009	NW	6	5	0.8	3	88	16% (0.0 mm)
	1200			28	1012	N	6	5	0.9	3	70	23% (0.0 mm)
	1800			29	1008	WNW	9	6	0.9	3	83	23% (0.0 mm)
31-10-24 (Thursday)	0001	31	26	29	1011	WNW	8	7	0.9	3	87	34% (0.0 mm)
	0600			28	1009	NNW	9	8	1.0	3	90	24% (0.0 mm)
	1200			28	1011	N	9	8	1.0	3	76	26% (0.1 mm)
	1800			29	1008	NW	11	10	1.0	3	84	23% (0.0 mm)

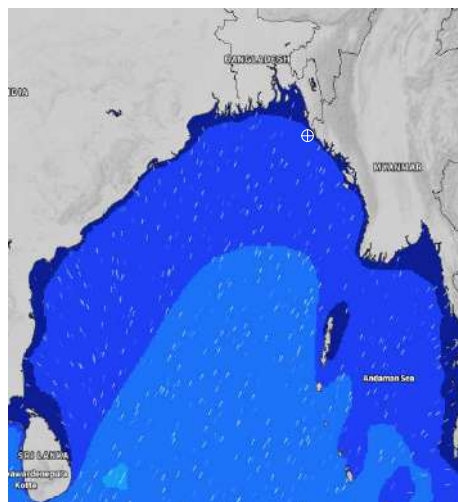
28 Oct 2024



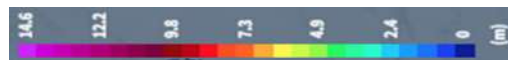
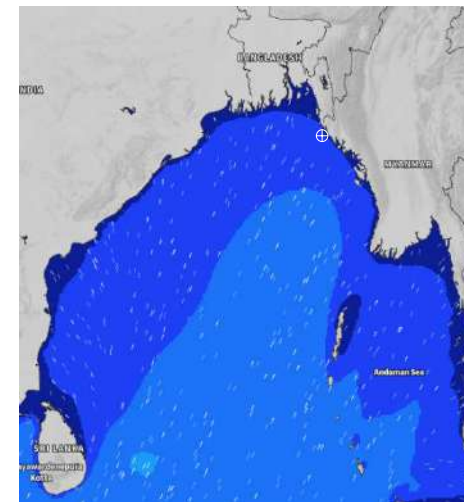
29 Oct 2024



30 Oct 2024



31 Oct 2024



Significant wave height (m)

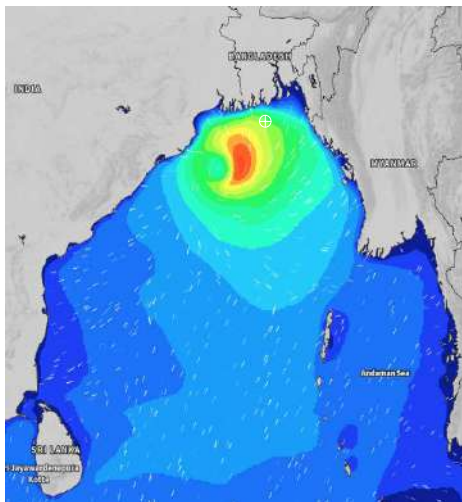


MARINE WEATHER FORECAST (24 to 31 Oct 2024) 40 NM ESE OF PAYRA FAIRWAY (21° 07' N, 090° 45' E)

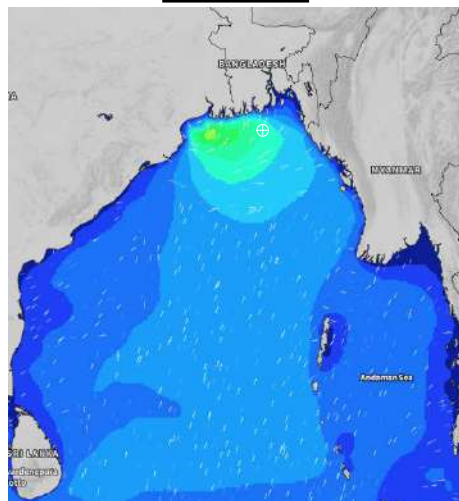


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
24-10-24 (Thursday)	0001	28	27	29	1008	SE	29	24	3.3	5	85	32% (0.2 mm)
	0600			29	1006	ESE	31	26	3.8	5	90	32% (0.2 mm)
	1200			29	1007	SE	34	27	4.2	6	87	89% (0.6 mm)
	1800			29	1005	SSE	31	25	4.1	6	87	62% (0.9 mm)
25-10-24 (Friday)	0001	30	26	29	1007	SSE	29	24	3.9	5	87	24% (0.3 mm)
	0600			29	1007	SSE	26	22	3.4	5	84	37% (0.2 mm)
	1200			29	1008	SSE	23	20	2.9	5	77	44% (0.4 mm)
	1800			29	1007	SSE	21	19	2.5	5	84	40% (0.5 mm)
26-10-24 (Saturday)	0001	31	26	29	1008	S	19	18	2.2	4	82	24% (0.0 mm)
	0600			29	1007	SSE	18	17	1.9	4	86	24% (0.0 mm)
	1200			29	1008	S	14	13	1.7	4	71	18% (0.0 mm)
	1800			29	1007	S	11	10	1.6	4	84	10% (0.0 mm)
27-10-24 (Sunday)	0001	31	25	29	1008	S	12	11	1.6	4	85	11% (0.0 mm)
	0600			29	1008	SSE	12	11	1.5	4	84	12% (0.0 mm)
	1200			29	1008	SSE	9	8	1.3	4	82	24% (0.0 mm)
	1800			29	1006	S	6	5	1.2	3	87	24% (0.0 mm)

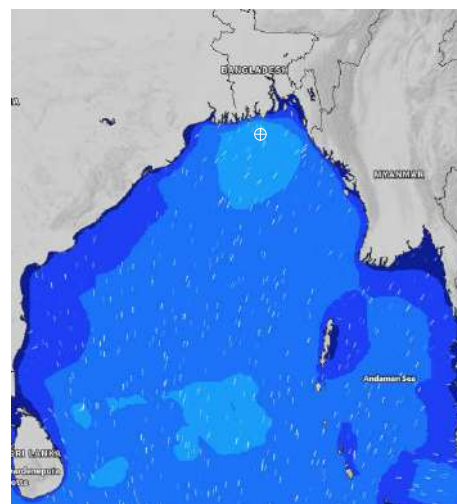
24 Oct 2024



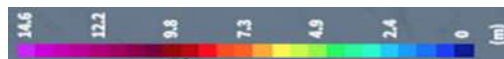
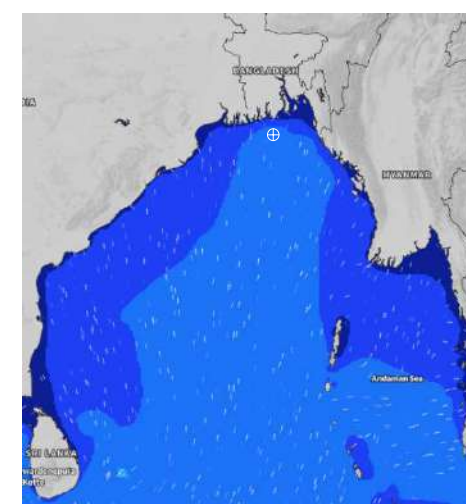
25 Oct 2024



26 Oct 2024



27 Oct 2024



Significant wave height (m)

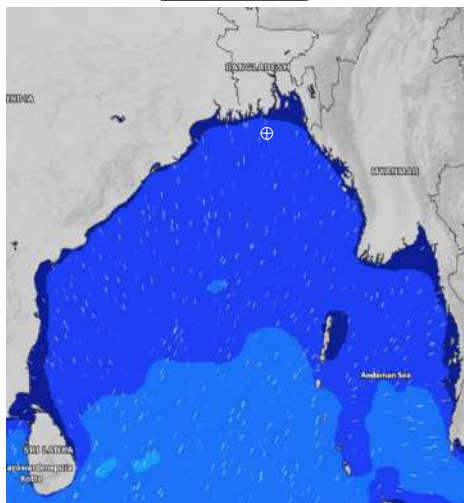


MARINE WEATHER FORECAST (24 to 31 Oct 2024) 40 NM ESE OF PAYRA FAIRWAY (21° 07' N, 090° 45' E)

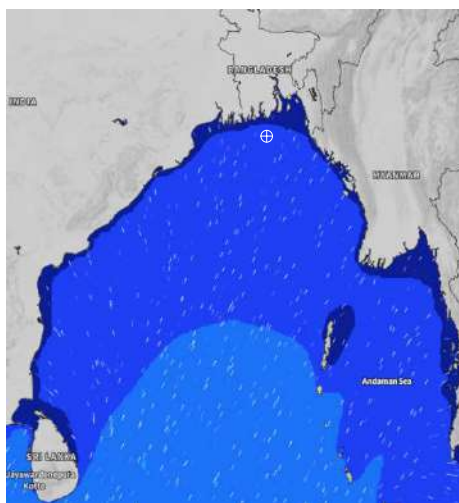


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
28-10-24 (Monday)	0001	31	25	28	1008	SW	4	3	1.1	3	85	22% (0.0 mm)
	0600			28	1008	ENE	6	5	1.0	3	90	20% (0.0 mm)
	1200			28	1008	SE	5	4	0.9	3	67	19% (0.0 mm)
	1800			28	1007	WSW	4	3	0.9	3	80	12% (0.0 mm)
29-10-24 (Tuesday)	0001	31	26	28	1009	SW	5	4	0.9	3	86	14% (0.0 mm)
	0600			28	1009	NNW	3	2	0.8	3	91	12% (0.0 mm)
	1200			28	1009	N	4	3	0.8	3	82	24% (0.0 mm)
	1800			28	1008	NW	4	3	0.8	3	89	24% (0.0 mm)
30-10-24 (Wednesday)	0001	31	26	28	1009	WSW	7	6	0.8	3	88	18% (0.0 mm)
	0600			28	1010	NW	4	3	0.8	3	88	10% (0.0 mm)
	1200			28	1010	NNW	4	3	0.9	3	87	11% (0.0 mm)
	1800			28	1009	W	5	4	0.9	3	87	12% (0.0 mm)
31-10-24 (Thursday)	0001	31	25	28	1011	W	7	6	0.9	3	85	24% (0.0 mm)
	0600			28	1011	NNW	6	5	1.0	3	84	24% (0.0 mm)
	1200			28	1011	NNW	5	4	1.0	3	82	18% (0.0 mm)
	1800			29	1009	NW	6	5	1.0	3	87	10% (0.0 mm)

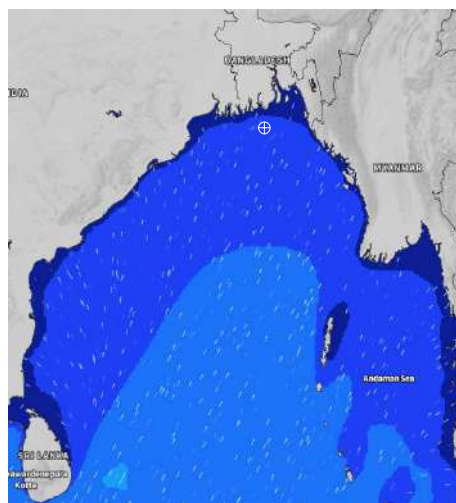
28 Oct 2024



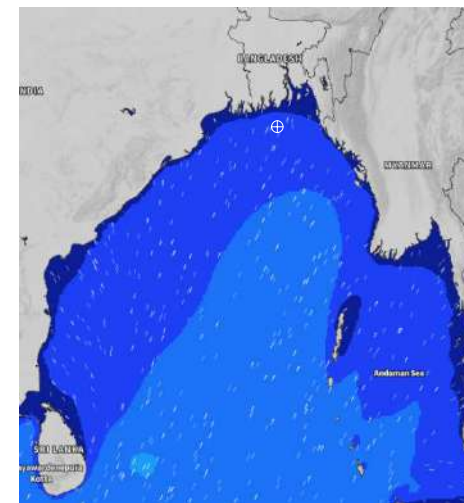
29 Oct 2024



30 Oct 2024



31 Oct 2024



Significant wave height (m)



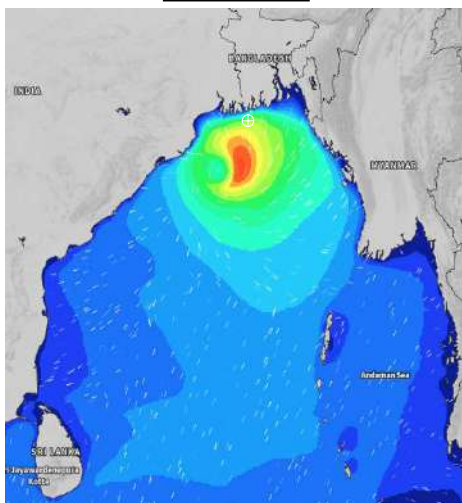
MARINE WEATHER FORECAST (24 to 31 Oct 2024)

10 NM SOUTH OF MONGLA FAIRWAY (21° 16' N, 089° 34' E)

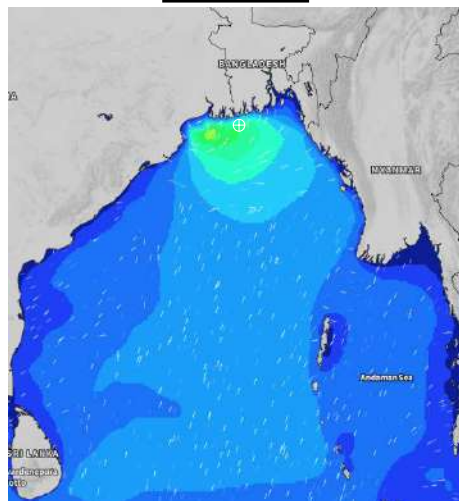


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
24-10-24 (Thursday)	0001	28	26	27	1007	E	26	23	3.2	5	91	32% (0.2 mm)
	0600			29	1005	ESE	34	27	3.8	5	93	32% (0.2 mm)
	1200			29	1005	ESE	37	30	4.7	6	87	21% (0.0 mm)
	1800			28	1002	S	41	32	5.1	6	90	49% (0.5 mm)
25-10-24 (Friday)	0001	31	25	28	1004	SSE	38	32	5.3	6	90	32% (0.2 mm)
	0600			28	1005	SSE	34	28	4.3	6	91	16% (0.0 mm)
	1200			28	1006	SSE	31	25	3.5	5	73	46% (0.4 mm)
	1800			29	1005	SSE	27	24	3.0	5	83	20% (0.6 mm)
26-10-24 (Saturday)	0001	32	25	29	1006	SSE	25	22	2.6	5	90	24% (0.0 mm)
	0600			28	1007	S	22	21	2.3	4	94	24% (0.0 mm)
	1200			29	1007	S	18	16	2.0	4	66	18% (0.0 mm)
	1800			29	1006	S	14	14	1.8	4	81	10% (0.0 mm)
27-10-24 (Sunday)	0001	32	24	28	1007	S	10	9	1.5	4	89	11% (0.0 mm)
	0600			28	1007	S	8	6	1.3	4	92	12% (0.0 mm)
	1200			29	1008	SSE	7	5	1.2	3	75	24% (0.0 mm)
	1800			29	1006	SSW	5	3	1.1	3	82	24% (0.0 mm)

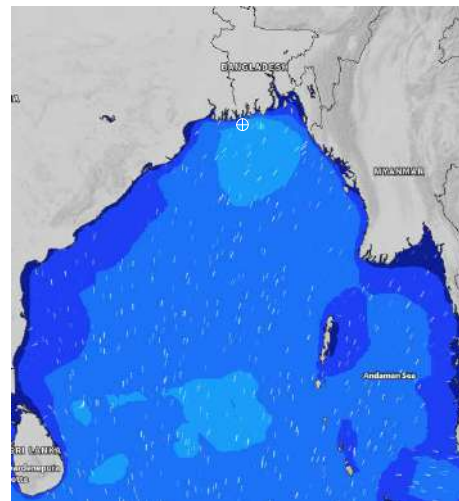
24 Oct 2024



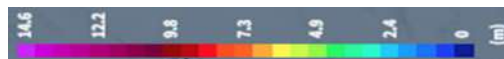
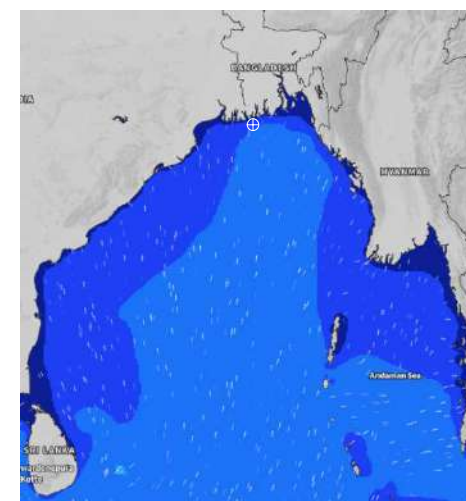
25 Oct 2024



26 Oct 2024



27 Oct 2024



Significant wave height (m)



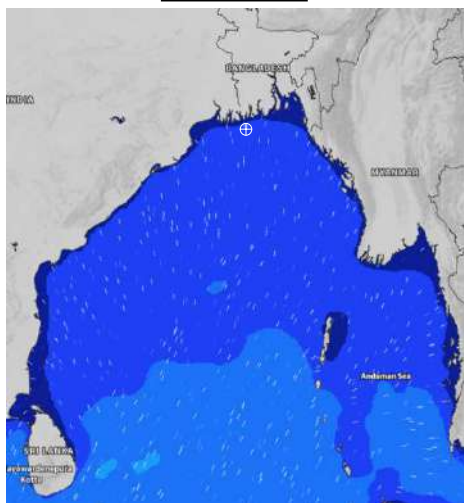
MARINE WEATHER FORECAST (24 to 31 Oct 2024)

10 NM SOUTH OF MONGLA FAIRWAY (21° 16' N, 089° 34' E)

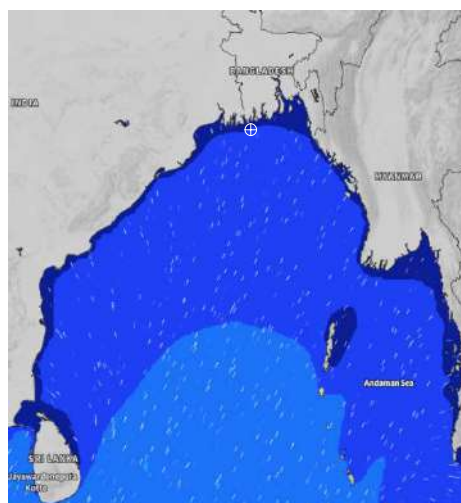


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
28-10-24 (Monday)	0001	32	24	28	1008	SW	4	3	1.1	3	91	22% (0.0 mm)
	0600			28	1007	N	6	5	1.0	3	93	20% (0.0 mm)
	1200			29	1008	ESE	7	6	0.9	3	81	19% (0.0 mm)
	1800			29	1006	S	7	6	0.9	3	89	14% (0.0 mm)
29-10-24 (Tuesday)	0001	32	25	28	1009	SSW	7	6	0.8	3	88	12% (0.0 mm)
	0600			28	1009	SSE	4	3	0.8	3	93	12% (0.0 mm)
	1200			28	1010	ENE	4	3	0.8	3	96	24% (0.0 mm)
	1800			28	1008	SSE	5	4	0.8	3	75	24% (0.0 mm)
30-10-24 (Wednesday)	0001	32	25	28	1010	SSW	7	6	0.7	3	87	18% (0.0 mm)
	0600			28	1010	W	4	3	0.7	3	93	10% (0.0 mm)
	1200			28	1011	E	4	3	0.8	3	79	11% (0.0 mm)
	1800			28	1009	SSW	4	3	0.8	3	86	12% (0.0 mm)
31-10-24 (Thursday)	0001	32	25	28	1011	SW	6	5	0.8	3	89	24% (0.0 mm)
	0600			28	1011	WNW	5	4	0.8	3	92	24% (0.0 mm)
	1200			28	1011	WNW	4	3	0.8	3	75	18% (0.0 mm)
	1800			28	1009	WSW	5	4	0.8	3	82	10% (0.0 mm)

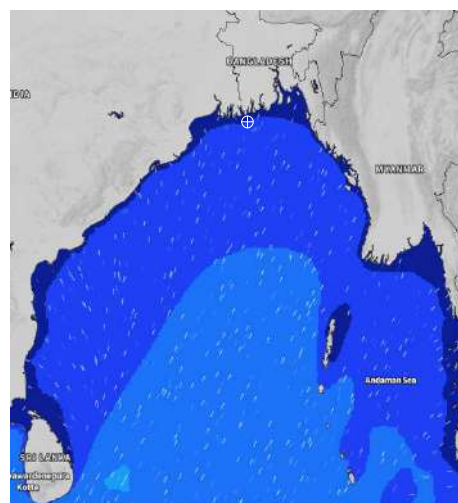
28 Oct 2024



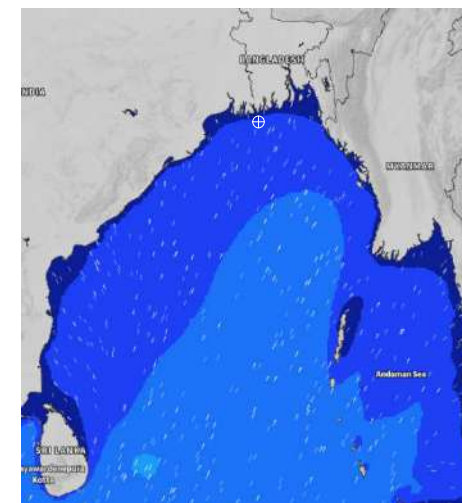
29 Oct 2024



30 Oct 2024



31 Oct 2024



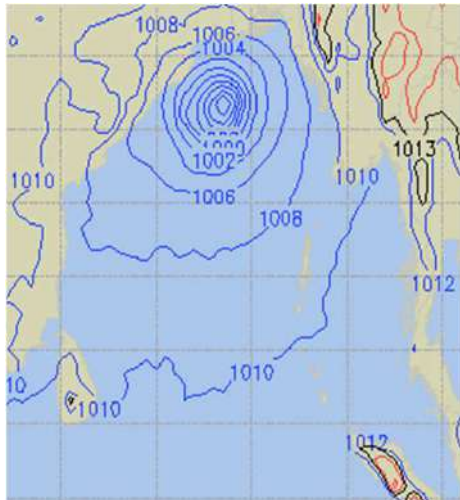
Significant wave height (m)



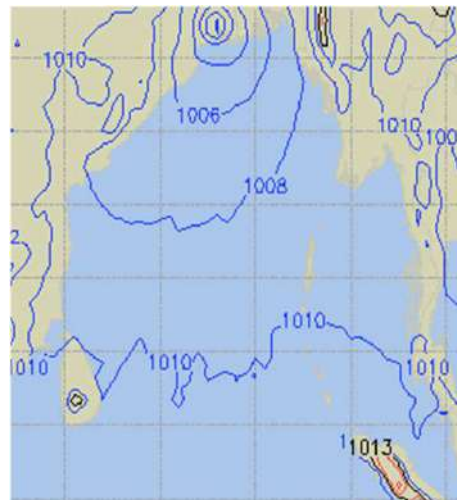
PREDICTED SURFACE PRESSURE FORECAST (24 to 30 Oct 2024)



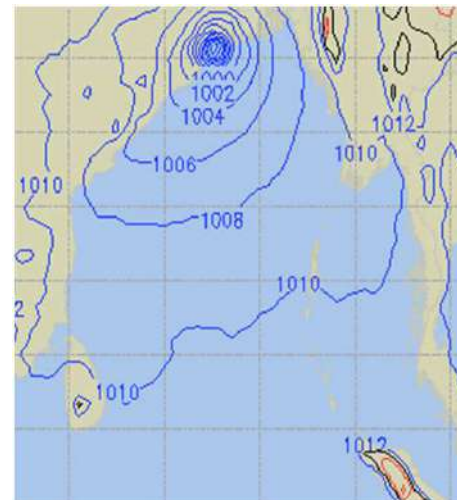
24 Oct 2024



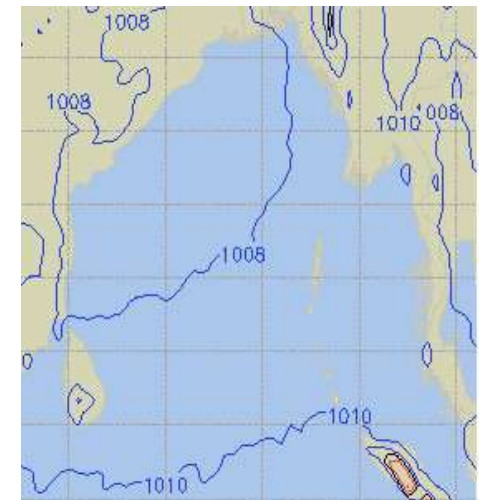
25 Oct 2024



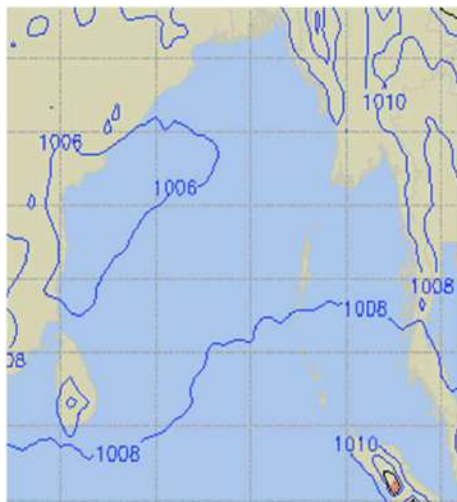
26 Oct 2024



27 Oct 2024



28 Oct 2024



29 Oct 2024



30 Oct 2024

