



SUMMARY OF MARINE WEATHER FORECAST
COASTAL AREA OF BANGLADESH
DATE: 25 Oct to 01 Nov 2024



Fleet forecast	The Severe Cyclonic Storm “DANA” over Northwest Bay and adjoining area moved North-Northwestwards, now lies over Northwest Bay and adjoining Odisha & West Bengal coasts (near Lat: 20.7°N & Long: 87.0°E). It is likely to move North-Northwestwards further and may complete crossing North Odisha-West Bengal coast of India between Puri and Sagar Island around morning today (25 Oct 2024) and it is likely to move nearly West-Northwestwards across North Odisha and weaken Gradually into a cyclonic storm by 12 PM today (25 Oct 2024).
Wind direction, speed	South/south-easterly 11 kts, (Temporary gusting up to 35 kts).
Wave height & sea state	Wave height: 0.1 to 4.4 m (Sea state:1 to 6).
Sea surface temperature	25°C - 29°C (May remain nearly unchanged).
Baro pressure	1004 – 1011 mb
Rainfall	Light to moderate rain/thunder showers over Bay of Bengal & adjoining area.
Outlook for 25 Oct to 01 Nov 2024: Rainfall activity may decrease at the end of said period.	

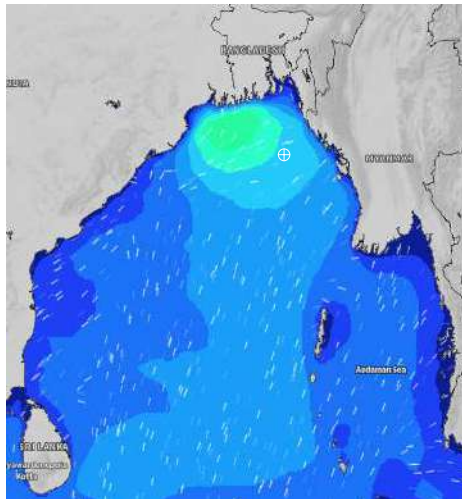


MARINE WEATHER FORECAST (25 Oct to 01 Nov 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

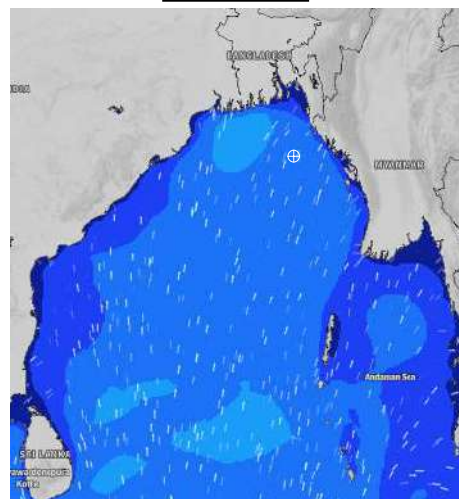


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
25-10-24 (Friday)	0001	31	25	26	1010	ESE	19	16	0.2	2	89	24% (0.0 mm)
	0600			25	1009	ESE	19	15	0.3	2	91	24% (0.0 mm)
	1200			29	1009	S	15	12	0.3	2	68	24% (0.0 mm)
	1800			29	1008	S	22	17	0.4	2	80	24% (0.0 mm)
26-10-24 (Saturday)	0001	32	25	26	1010	SSE	14	10	0.3	2	89	10% (0.0 mm)
	0600			26	1010	ESE	11	9	0.2	2	91	24% (0.0 mm)
	1200			28	1009	SW	6	6	0.1	1	65	24% (0.0 mm)
	1800			28	1008	SW	9	8	0.1	1	80	18% (0.0 mm)
27-10-24 (Sunday)	0001	31	25	27	1010	ENE	4	4	0.1	1	89	10% (0.0 mm)
	0600			25	1010	NE	6	6	0.1	1	94	11% (0.0 mm)
	1200			28	1009	WNW	8	7	0.1	1	66	12% (0.0 mm)
	1800			28	1007	WNW	9	8	0.1	1	82	11% (0.0 mm)
28-10-24 (Monday)	0001	32	25	27	1008	NE	4	3	0.1	1	86	10% (0.0 mm)
	0600			25	1008	NNE	6	5	0.1	1	87	11% (0.0 mm)
	1200			28	1008	NW	9	8	0.1	1	70	12% (0.0 mm)
	1800			28	1006	WNW	10	9	0.1	1	80	11% (0.0 mm)

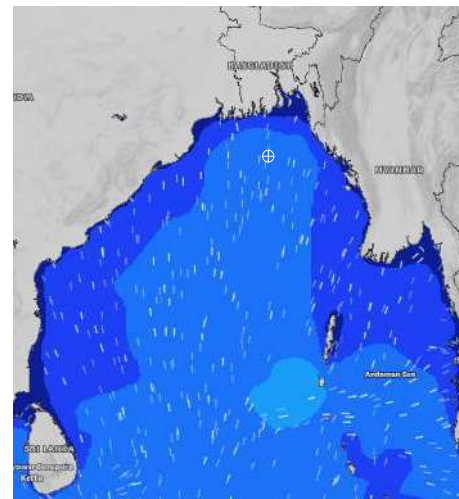
25 Oct 2024



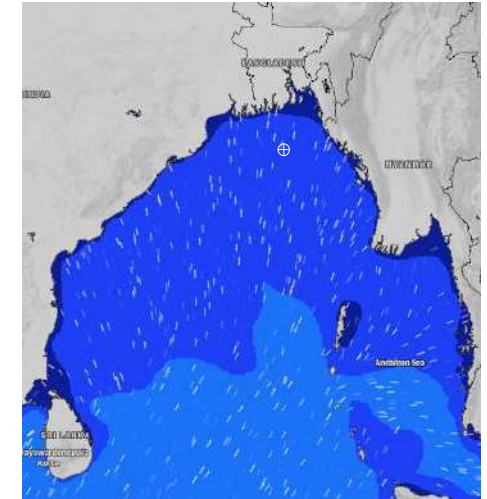
26 Oct 2024



27 Oct 2024



28 Oct 2024



Significant wave height (m)



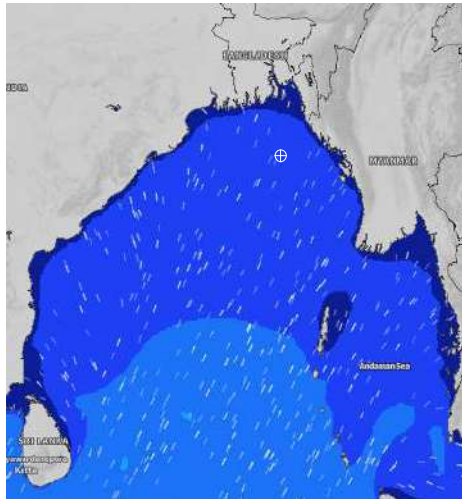
MARINE WEATHER FORECAST (25 Oct to 01 Nov 2024)

NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

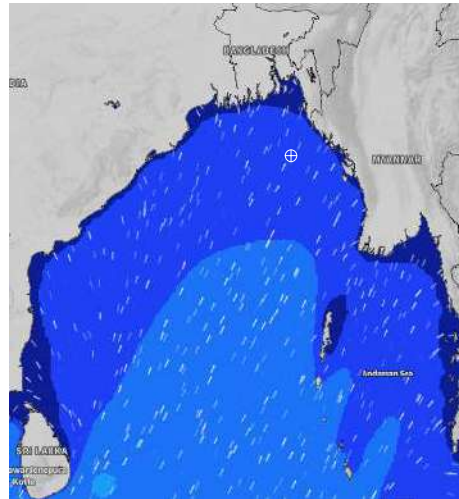


DateN	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
29-10-24 (Tuesday)	0001	32	25	27	1009	N	6	5	0.1	1	88	24% (0.0 mm)
	0600			26	1010	NNE	6	5	0.1	1	91	24% (0.0 mm)
	1200			28	1009	NW	9	8	0.1	1	70	18% (0.0 mm)
	1800			28	1007	WNW	12	11	0.2	2	81	10% (0.0 mm)
30-10-24 (Wednesday)	0001	32	25	27	1010	NE	4	3	0.1	1	89	11% (0.0 mm)
	0600			25	1010	ENE	6	5	0.1	1	92	12% (0.0 mm)
	1200			28	1010	WNW	6	5	0.1	1	69	11% (0.0 mm)
	1800			28	1009	W	10	9	0.1	1	81	24% (0.0 mm)
31-10-24 (Thursday)	0001	31	25	27	1011	NNE	4	3	0.1	1	90	24% (0.0 mm)
	0600			27	1011	ENE	6	5	0.1	1	90	18% (0.0 mm)
	1200			28	1011	WNW	7	6	0.1	1	73	10% (0.0 mm)
	1800			28	1009	W	10	9	0.1	1	81	11% (0.0 mm)
01-11-24 (Friday)	0001	32	24	27	1010	NE	5	4	0.1	1	87	12% (0.0 mm)
	0600			26	1010	NE	7	5	0.1	1	90	11% (0.0 mm)
	1200			28	1010	NW	9	8	0.1	1	71	24% (0.0 mm)
	1800			28	1008	WNW	12	9	0.2	2	81	24% (0.0 mm)

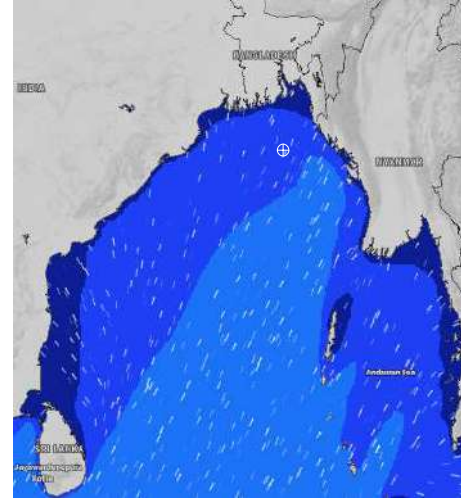
29 Oct 2024



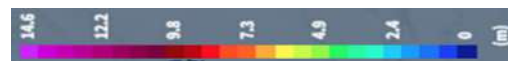
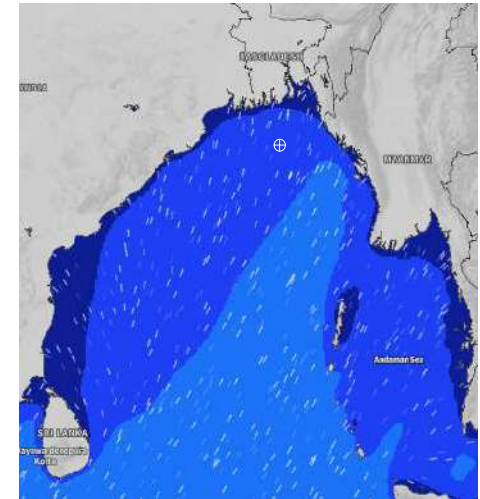
30 Oct 2024



31 Oct 2024



01 Nov 2024



Significant wave height (m)

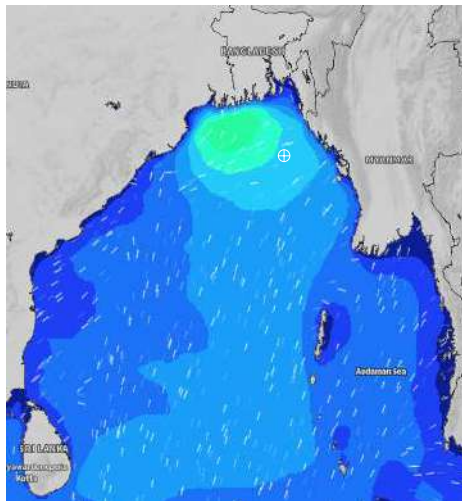


MARINE WEATHER FORECAST (25 Oct to 01 Nov 2024) 20 NM WEST OF ELEPHANT POINT (21° 10' N, 091° 42' E)

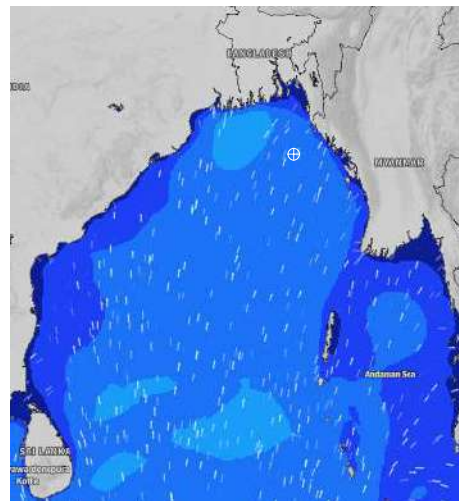


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
25-10-24 (Friday)	0001	31	25	29	1009	SSE	25	22	2.5	5	88	24% (0.0 mm)
	0600			28	1009	SSE	23	21	2.3	4	91	24% (0.0 mm)
	1200			29	1009	SSE	20	18	2.0	4	70	23% (0.0 mm)
	1800			29	1008	SSE	18	16	1.8	4	79	15% (0.0 mm)
26-10-24 (Saturday)	0001	31	25	29	1009	SSE	16	14	1.6	4	85	24% (0.0 mm)
	0600			28	1009	ESE	13	12	1.4	4	88	24% (0.0 mm)
	1200			28	1009	SSE	11	10	1.2	3	73	18% (0.0 mm)
	1800			29	1008	SW	9	8	1.1	3	81	10% (0.0 mm)
27-10-24 (Sunday)	0001	31	26	28	1009	NNE	4	4	0.1	1	89	24% (0.0 mm)
	0600			27	1009	NNE	4	4	0.1	1	91	24% (0.0 mm)
	1200			28	1009	NW	8	7	0.1	1	76	24% (0.0 mm)
	1800			28	1007	NW	10	9	0.1	1	83	18% (0.0 mm)
28-10-24 (Monday)	0001	31	25	27	1009	ESE	6	5	0.1	1	87	10% (0.0 mm)
	0600			26	1009	ENE	6	5	0.1	1	88	11% (0.0 mm)
	1200			28	1009	W	8	7	0.1	1	73	12% (0.0 mm)
	1800			28	1006	W	10	9	0.2	2	82	35% (0.2 mm)

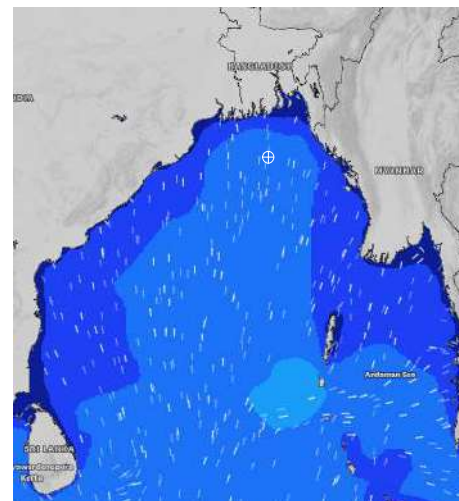
25 Oct 2024



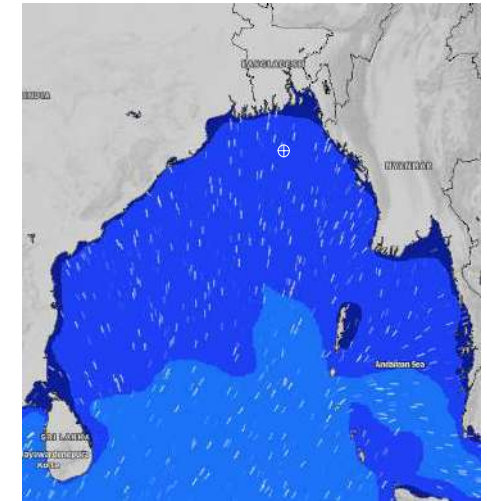
26 Oct 2024



27 Oct 2024



28 Oct 2024



Significant wave height (m)

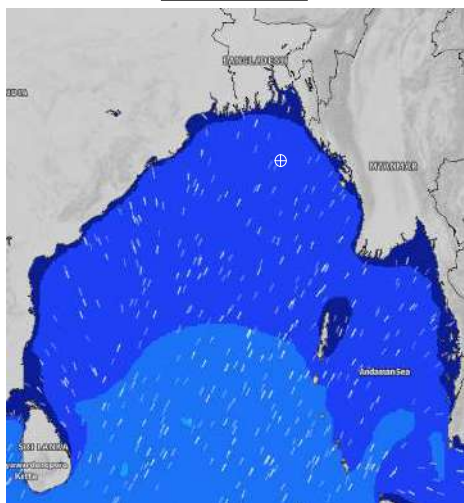


MARINE WEATHER FORECAST (25 Oct to 01 Nov 2024) 20 NM WEST OF ELEPHANT POINT (21° 10'N, 091° 42'E)

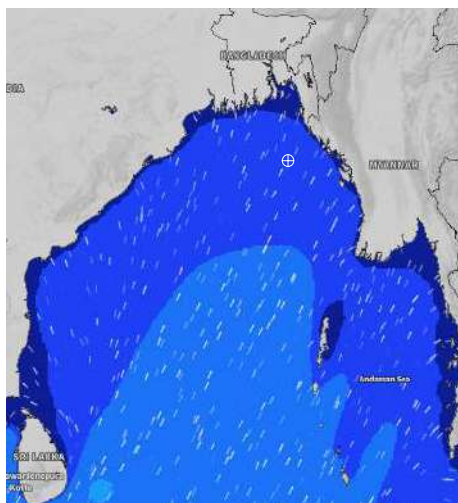


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		Max	Min				Max	Avg				
29-10-24 (Tuesday)	0001	31	25	27	1008	NE	4	3	0.1	1	88	20% (0.0 mm)
	0600			25	1009	NE	5	4	0.1	1	91	18% (0.0 mm)
	1200			27	1008	WNW	8	7	0.1	1	71	18% (0.0 mm)
	1800			28	1006	WNW	10	9	0.2	2	82	15% (0.0 mm)
30-10-24 (Wednesday)	0001	31	25	27	1009	NE	4	3	0.1	1	88	12% (0.0 mm)
	0600			25	1010	NE	5	4	0.1	1	90	12% (0.0 mm)
	1200			28	1009	WNW	8	7	0.1	1	75	10% (0.0 mm)
	1800			28	1008	WNW	10	9	0.1	1	83	20% (0.0 mm)
31-10-24 (Thursday)	0001	31	25	27	1010	N	4	3	0.1	1	89	24% (0.0 mm)
	0600			26	1011	ENE	6	5	0.1	1	91	18% (0.0 mm)
	1200			28	1010	W	7	6	0.1	1	76	10% (0.0 mm)
	1800			28	1009	W	10	9	0.1	1	84	11% (0.0 mm)
01-11-24 (Friday)	0001	31	25	27	1010	NNE	6	5	0.1	1	86	12% (0.0 mm)
	0600			26	1010	NE	6	5	0.1	1	90	11% (0.0 mm)
	1200			28	1010	NW	9	8	0.1	1	74	24% (0.0 mm)
	1800			29	1008	NW	16	11	0.3	2	82	24% (0.0 mm)

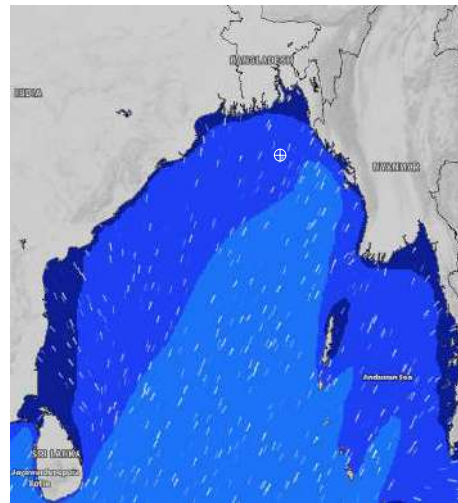
29 Oct 2024



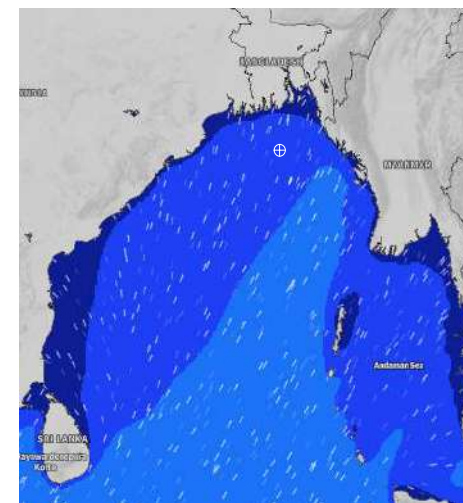
30 Oct 2024



31 Oct 2024



01 Nov 2024



Significant wave height (m)

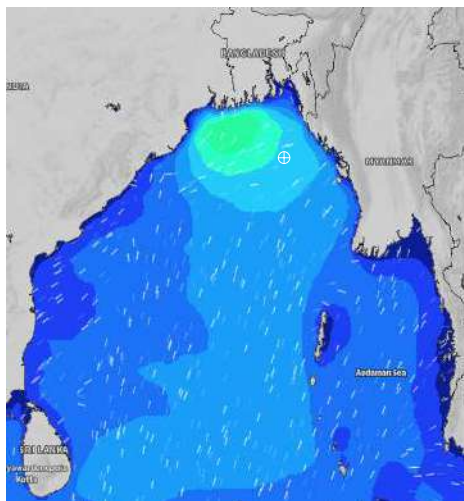


MARINE WEATHER FORECAST (25 Oct to 01 Nov 2024)

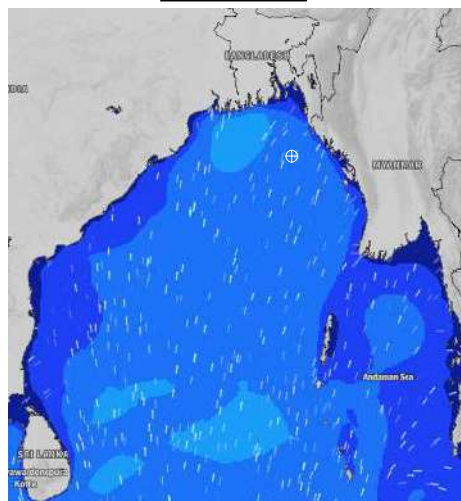
15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37'N, 092° 03'E)

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				
25-10-24 (Friday)	0001	30	26	29	1010	SSE	23	21	2.9	5	87	32% (0.2 mm)
	0600			29	1008	SSE	21	19	2.8	5	90	24% (0.2 mm)
	1200			29	1010	SSE	18	17	2.5	5	74	40% (0.4 mm)
	1800			29	1008	SSE	14	13	2.2	4	82	23% (0.0 mm)
26-10-24 (Saturday)	0001	30	26	29	1010	S	13	12	1.9	4	87	23% (0.0 mm)
	0600			29	1008	SSE	10	9	1.6	4	89	34% (0.0 mm)
	1200			29	1010	SSE	9	8	1.5	4	77	24% (0.0 mm)
	1800			29	1007	SW	6	5	1.3	4	82	11% (0.0 mm)
27-10-24 (Sunday)	0001	31	26	29	1010	WNW	4	3	1.3	4	80	23% (0.0 mm)
	0600			28	1008	NNW	4	3	1.2	3	85	23% (0.0 mm)
	1200			28	1009	NW	6	5	1.2	3	79	34% (0.0 mm)
	1800			29	1006	WNW	11	10	1.1	3	86	24% (0.0 mm)
28-10-24 (Monday)	0001	31	26	28	1008	NW	8	7	1.1	3	87	11% (0.0 mm)
	0600			28	1007	NNW	10	9	1.0	3	89	23% (0.0 mm)
	1200			28	1008	NW	9	8	1.0	3	76	23% (0.0 mm)
	1800			29	1006	NW	12	10	0.9	3	83	34% (0.0 mm)

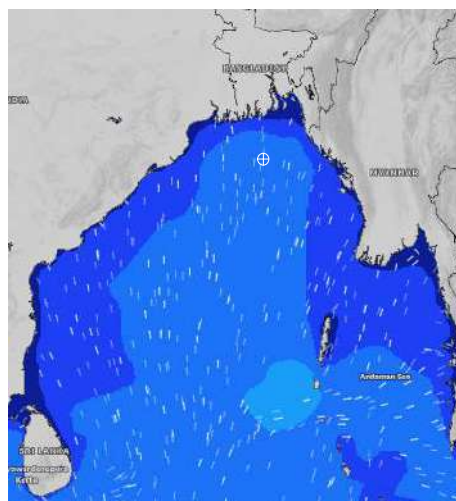
25 Oct 2024



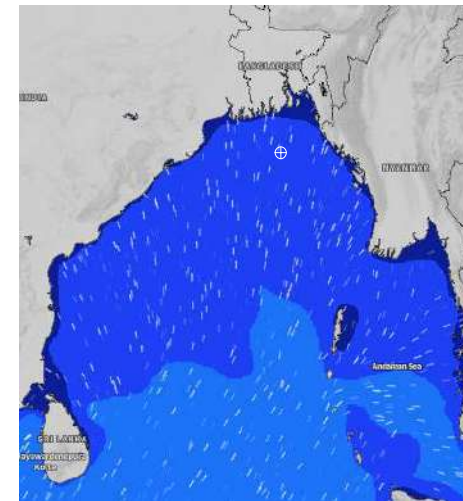
26 Oct 2024



27 Oct 2024



28 Oct 2024



Significant wave height (m)



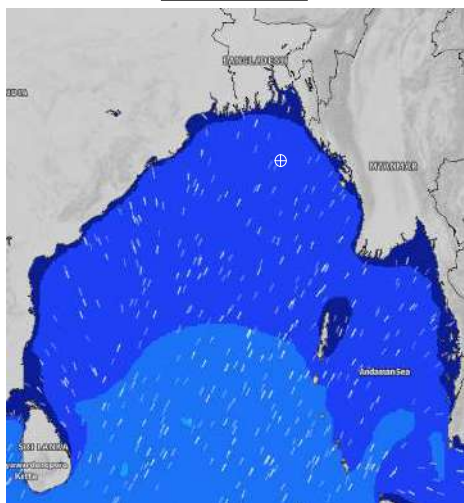
MARINE WEATHER FORECAST (25 Oct to 01 Nov 2024)

15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37'N, 092° 03'E)

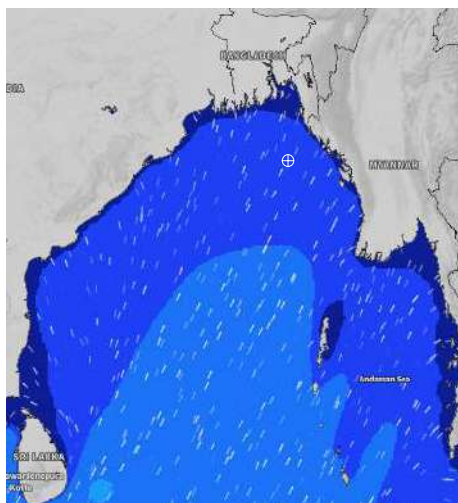


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
29-10-24 (Tuesday)	0001	31	26	29	1009	WNW	11	10	0.9	3	88	24% (0.0 mm)
	0600			28	1008	NW	11	10	0.8	3	91	20% (0.0 mm)
	1200			28	1011	NNW	10	9	0.8	3	74	31% (0.0 mm)
	1800			29	1007	NW	12	11	0.8	3	83	24% (0.0 mm)
30-10-24 (Wednesday)	0001	31	26	29	1010	WNW	10	9	0.9	3	88	16% (0.0 mm)
	0600			28	1009	NW	10	9	0.8	3	91	23% (0.0 mm)
	1200			28	1011	N	9	8	0.9	3	74	23% (0.0 mm)
	1800			29	1008	NW	11	10	1.0	3	84	34% (0.0 mm)
31-10-24 (Thursday)	0001	31	26	29	1011	NW	11	10	1.0	3	80	24% (0.0 mm)
	0600			28	1010	NNW	10	9	1.0	3	88	16% (0.0 mm)
	1200			28	1013	NNW	9	8	1.0	3	70	23% (0.0 mm)
	1800			29	1008	NW	12	9	1.1	3	83	23% (0.0 mm)
01-11-24 (Friday)	0001	31	26	29	1011	NNW	12	11	1.1	3	87	34% (0.0 mm)
	0600			28	1009	NNW	10	9	1.0	3	90	24% (0.0 mm)
	1200			29	1011	NW	8	7	1.0	3	76	26% (0.1 mm)
	1800			29	1008	NNW	11	10	1.0	3	84	23% (0.0 mm)

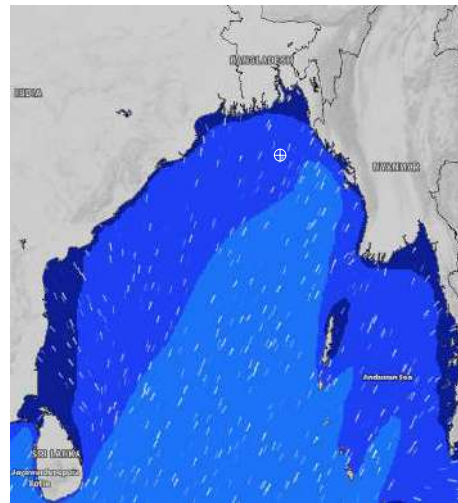
29 Oct 2024



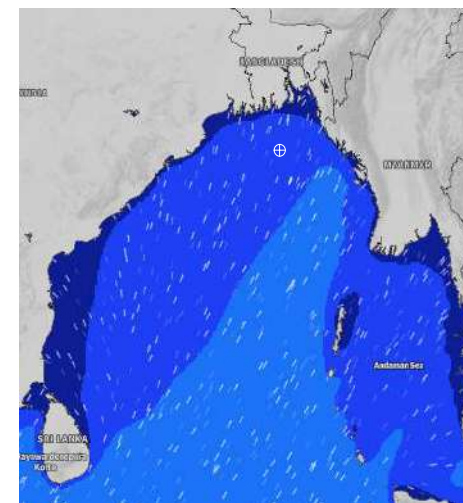
30 Oct 2024



31 Oct 2024



01 Nov 2024



Significant wave height (m)

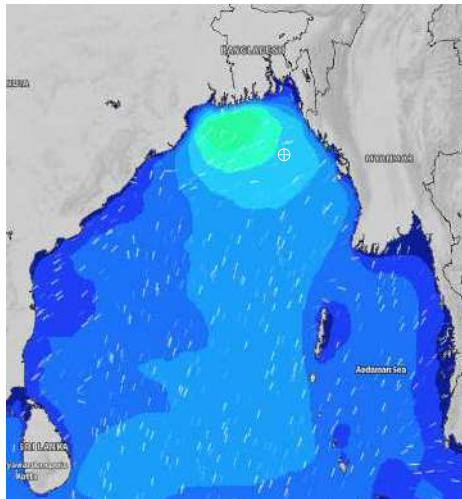


MARINE WEATHER FORECAST (25 Oct to 01 Nov 2024) 40 NM ESE OF PAYRA FAIRWAY (21° 07' N, 090° 45' E)

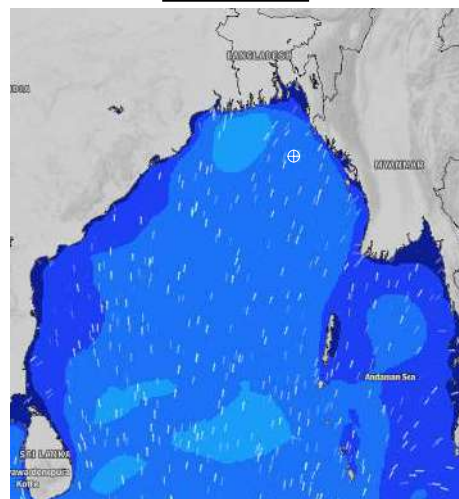


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
25-10-24 (Friday)	0001	30	27	29	1008	SSE	26	23	3.9	5	85	45% (0.4 mm)
	0600			29	1007	SSE	25	22	3.3	5	90	40% (0.3 mm)
	1200			29	1008	SSE	24	21	3.0	5	87	47% (0.5 mm)
	1800			29	1007	SSE	22	20	2.6	5	87	39% (0.3 mm)
26-10-24 (Saturday)	0001	30	25	29	1008	SSE	19	17	2.2	4	87	24% (0.3 mm)
	0600			29	1009	SSE	16	15	1.9	4	84	37% (0.2 mm)
	1200			29	1009	S	13	12	1.7	4	77	44% (0.4 mm)
	1800			29	1008	S	10	9	1.5	4	84	40% (0.5 mm)
27-10-24 (Sunday)	0001	31	25	29	1009	S	4	4	1.3	4	82	24% (0.0 mm)
	0600			28	1009	E	4	3	1.3	4	86	24% (0.0 mm)
	1200			29	1009	NE	4	3	1.2	3	71	18% (0.0 mm)
	1800			28	1007	WNW	6	5	1.2	3	84	10% (0.0 mm)
28-10-24 (Monday)	0001	31	25	28	1008	W	7	6	1.1	3	85	11% (0.0 mm)
	0600			28	1008	NW	7	6	1.1	3	84	12% (0.0 mm)
	1200			29	1008	NNW	6	5	1.0	3	82	24% (0.0 mm)
	1800			29	1007	NW	5	4	0.9	3	87	24% (0.0 mm)

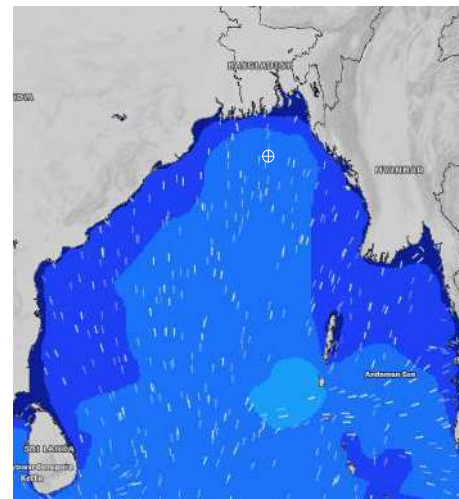
25 Oct 2024



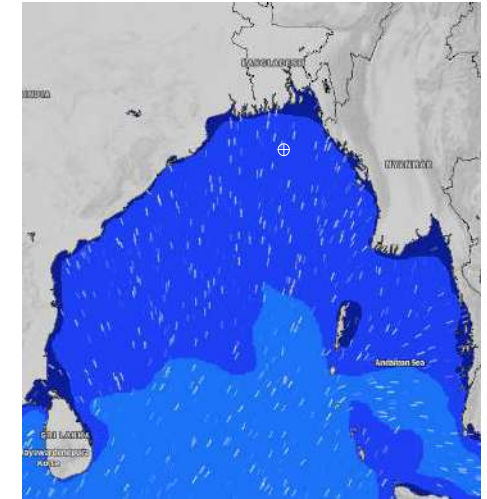
26 Oct 2024



27 Oct 2024



28 Oct 2024



Significant wave height (m)



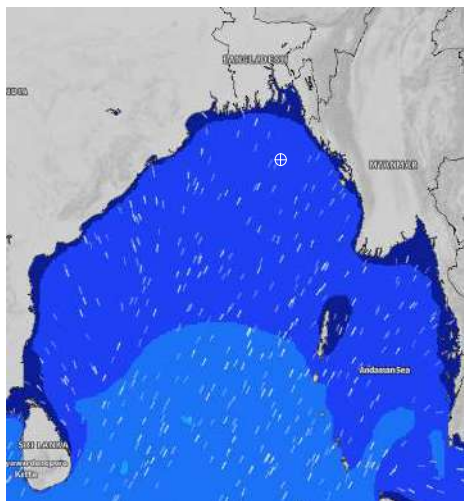
MARINE WEATHER FORECAST (25 Oct to 01 Nov 2024)

40 NM ESE OF PAYRA FAIRWAY (21° 07' N, 090° 45' E)

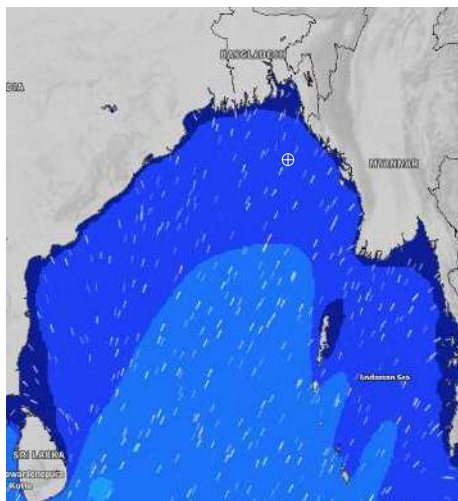


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
29-10-24 (Tuesday)	0001	32	26	28	1009	W	9	8	0.9	3	85	22% (0.0 mm)
	0600			28	1010	NW	7	6	0.8	3	90	20% (0.0 mm)
	1200			28	1009	NNW	6	5	0.8	3	67	19% (0.0 mm)
	1800			28	1008	NW	6	5	0.8	3	80	12% (0.0 mm)
30-10-24 (Wednesday)	0001	31	26	28	1010	W	7	6	0.8	3	86	14% (0.0 mm)
	0600			28	1010	NW	6	5	0.9	3	91	12% (0.0 mm)
	1200			29	1011	NW	4	3	1.0	3	82	24% (0.0 mm)
	1800			29	1009	WNW	5	4	1.0	3	89	24% (0.0 mm)
31-10-24 (Thursday)	0001	31	26	29	1011	WNW	10	9	1.0	3	88	18% (0.0 mm)
	0600			28	1011	NW	7	6	1.1	3	88	10% (0.0 mm)
	1200			29	1011	WNW	7	6	1.1	3	87	11% (0.0 mm)
	1800			29	1010	WNW	7	6	1.0	3	87	12% (0.0 mm)
01-11-24 (Friday)	0001	31	25	28	1010	W	9	8	1.1	3	85	24% (0.0 mm)
	0600			29	1010	NW	5	4	1.0	3	84	24% (0.0 mm)
	1200			29	1010	N	6	5	1.0	3	82	18% (0.0 mm)
	1800			29	1009	WNW	6	5	1.0	3	87	10% (0.0 mm)

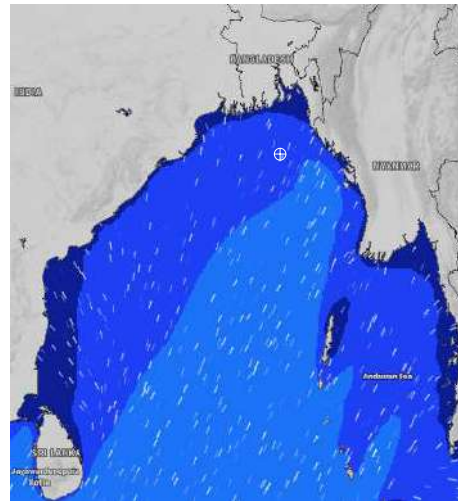
29 Oct 2024



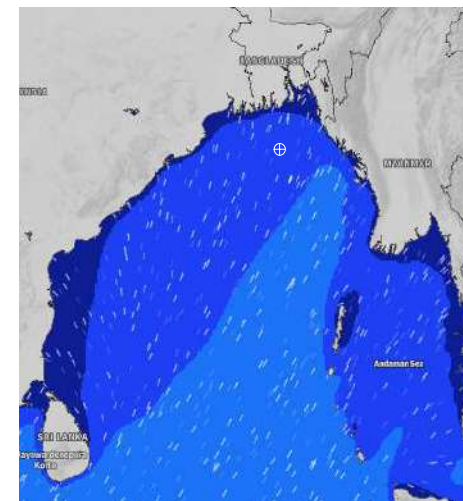
30 Oct 2024



31 Oct 2024



01 Nov 2024



Significant wave height (m)

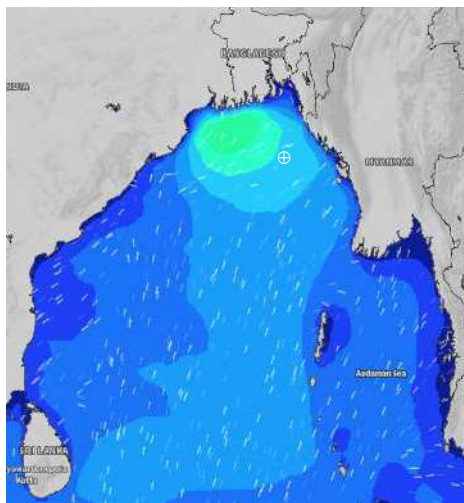


MARINE WEATHER FORECAST (25 Oct to 01 Nov 2024) 10 NM SOUTH OF MONGLA FAIRWAY (21° 16' N, 089° 34' E)

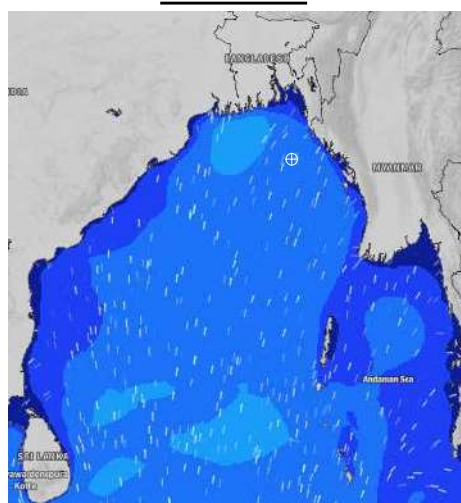


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
25-10-24 (Friday)	0001	30	25	28	1004	SSE	35	28	4.4	6	91	60% (0.5 mm)
	0600			28	1008	SSE	32	26	3.7	5	93	55% (0.6 mm)
	1200			29	1005	SSE	27	23	3.1	5	87	40% (0.3 mm)
	1800			29	1008	SSE	23	20	2.8	5	90	30% (0.2 mm)
26-10-24 (Saturday)	0001	31	24	29	1007	SSE	22	20	2.4	4	90	32% (0.2 mm)
	0600			28	1007	SSE	20	19	2.2	4	91	16% (0.0 mm)
	1200			29	1008	S	17	16	2.0	4	73	46% (0.4 mm)
	1800			29	1007	S	12	12	1.6	4	83	20% (0.6 mm)
27-10-24 (Sunday)	0001	32	24	28	1009	S	14	12	1.3	4	90	24% (0.0 mm)
	0600			28	1009	SE	12	10	1.3	4	94	24% (0.0 mm)
	1200			28	1008	NE	10	8	1.2	3	66	18% (0.0 mm)
	1800			28	1007	WNW	11	9	1.2	3	81	10% (0.0 mm)
28-10-24 (Monday)	0001	32	25	28	1008	W	9	7	1.1	3	89	11% (0.0 mm)
	0600			28	1008	NW	11	7	1.1	3	92	12% (0.0 mm)
	1200			28	1008	NNW	12	9	1.0	3	75	24% (0.0 mm)
	1800			28	1007	NW	9	5	1.0	3	82	24% (0.0 mm)

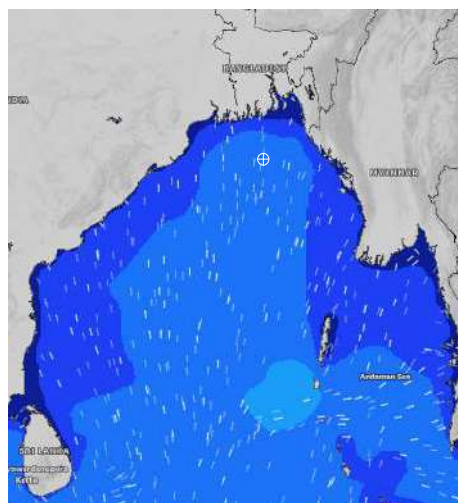
25 Oct 2024



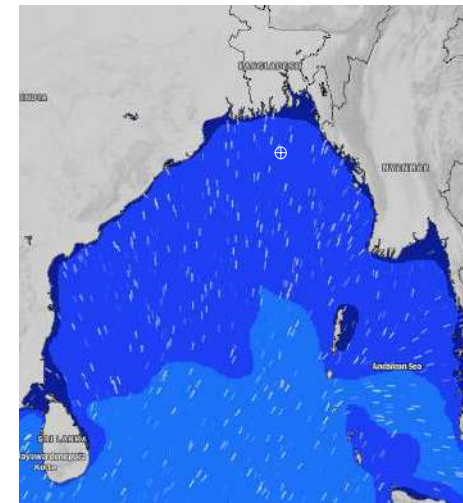
26 Oct 2024



27 Oct 2024



28 Oct 2024



Significant wave height (m)



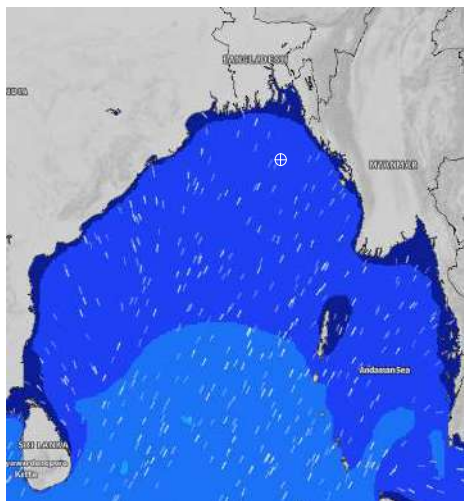
MARINE WEATHER FORECAST (25 Oct to 01 Nov 2024)

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

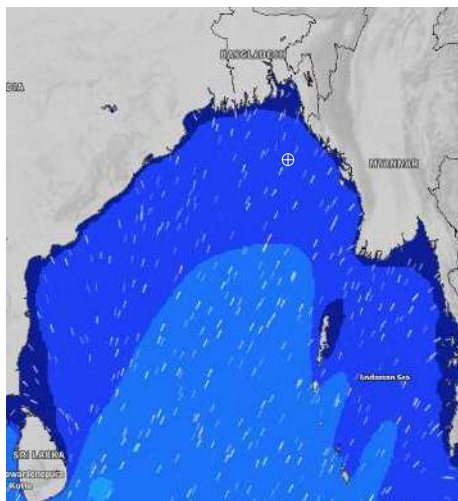


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
29-10-24 (Tuesday)	0001	32	25	28	1008	SSW	6	5	1.2	3	91	22% (0.0 mm)
	0600			28	1008	ESE	4	3	1.1	3	93	20% (0.0 mm)
	1200			28	1008	E	4	3	1.1	3	81	19% (0.0 mm)
	1800			28	1007	SW	4	3	1.0	3	89	14% (0.0 mm)
30-10-24 (Wednesday)	0001	32	25	28	1009	SW	8	7	0.9	3	88	12% (0.0 mm)
	0600			28	1009	WSW	4	3	0.9	3	93	12% (0.0 mm)
	1200			28	1010	SW	3	2	0.8	3	96	24% (0.0 mm)
	1800			28	1008	SSW	5	4	0.8	3	75	24% (0.0 mm)
31-10-24 (Thursday)	0001	32	25	28	1009	SW	10	9	0.8	3	87	18% (0.0 mm)
	0600			28	1010	WSW	8	7	0.8	3	93	10% (0.0 mm)
	1200			28	1010	W	6	5	0.8	3	79	11% (0.0 mm)
	1800			28	1009	WSW	8	7	0.8	3	86	12% (0.0 mm)
01-11-24 (Friday)	0001	32	25	28	1010	W	8	7	0.9	3	89	24% (0.0 mm)
	0600			28	1011	W	7	6	0.9	3	92	24% (0.0 mm)
	1200			28	1011	W	5	4	0.9	3	75	18% (0.0 mm)
	1800			28	1010	w	6	5	0.8	3	82	10% (0.0 mm)

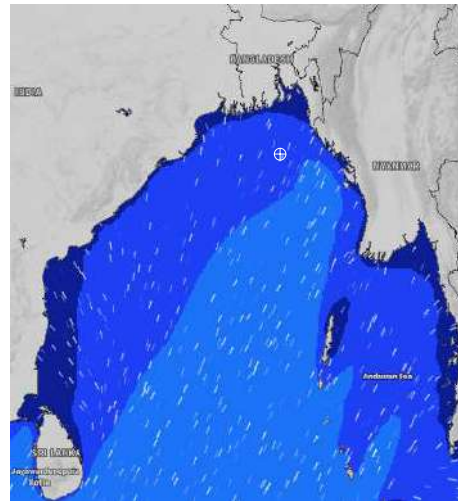
29 Oct 2024



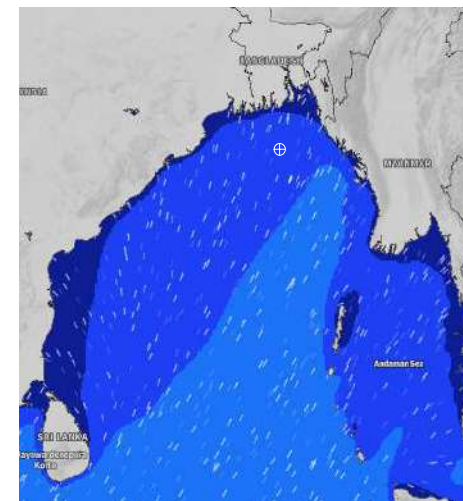
30 Oct 2024



31 Oct 2024



01 Nov 2024



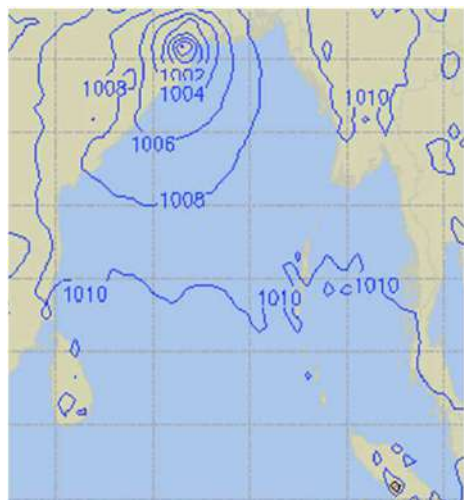
Significant wave height (m)



PREDICTED SURFACE PRESSURE FORECAST (25 to 31 OCT 2024)



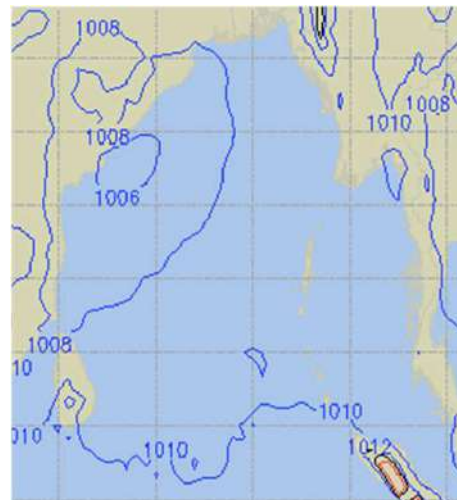
25 Oct 2024



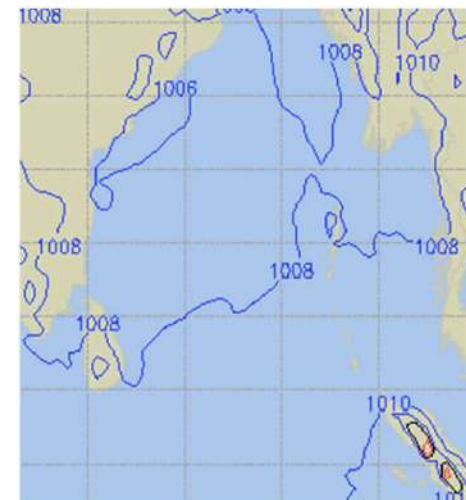
26 Oct 2024



27 Oct 2024



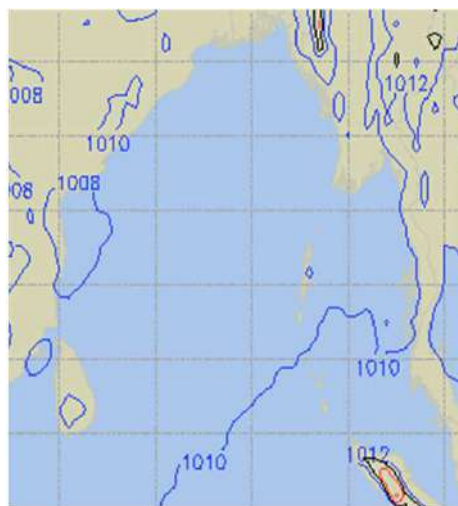
28 Oct 2024



29 Oct 2024



30 Oct 2024



31 Oct 2024

