



SUMMARY OF MARINE WEATHER FORECAST
COASTAL AREA OF BANGLADESH
DATE: 21 to 28 Oct 2024



Fleet forecast	The cyclonic circulation over central Andaman sea lay over North Andaman sea. Under its influence, A Low-pressure area has formed over the Eastcentral Bay of Bengal and adjoining North Andaman sea. It is very likely to move West-Northwestwards and intensify into a depression around 0000 UTC of 22 October and into a Cyclonic storm by 23 October, 2024 over Eastcentral Bay of Bengal. Thereafter, it is very likely to move Northwestwards and reach Northwest Bay of Bengal off Odisha-West Bengal coasts by 24 October morning.
Wind direction, speed	North east/north-easterly 12 kts, (Temporary gusting up to 39 kts).
Wave height & sea state	Wave height: 0.1 to 7.4 m (Sea state:1 to 7).
Sea surface temperature	25°C - 30°C (May remain nearly unchanged).
Baro pressure	997 – 1011 mb
Rainfall	Light to moderate rain/thunder showers over Bay of Bengal & adjoining area.
Outlook for 21 to 28 Oct 2024: Rainfall activity may increase at the end of said period.	

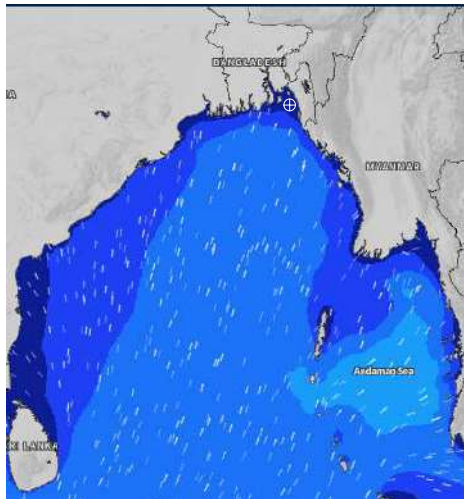


MARINE WEATHER FORECAST (21 to 28 Oct 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

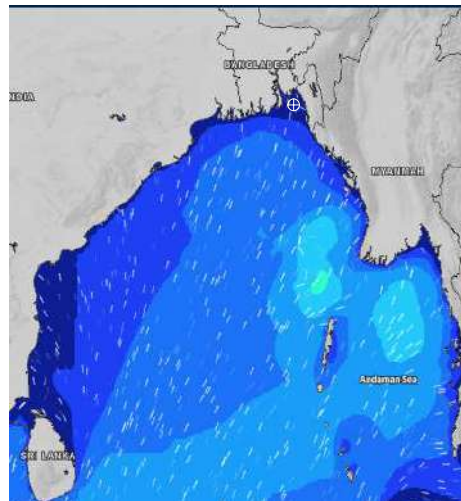


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
21-10-24 (Monday)	0001	32	26	27	1011	N	11	9	0.1	1	87	11% (0.0 mm)
	0600			25	1011	NE	8	7	0.1	1	94	12% (0.0 mm)
	1200			28	1010	WNW	8	7	0.1	1	68	11% (0.0 mm)
	1800			29	1008	NW	12	11	0.2	2	79	12% (0.0 mm)
22-10-24 (Tuesday)	0001	31	26	27	1011	N	9	7	0.2	2	89	11% (0.0 mm)
	0600			25	1010	NNE	10	8	0.2	2	92	12% (0.0 mm)
	1200			28	1009	NW	10	9	0.1	1	65	10% (0.0 mm)
	1800			29	1008	WNW	10	8	0.2	2	75	10% (0.0 mm)
23-10-24 (Wednesday)	0001	30	26	27	1010	E	4	3	0.1	1	84	11% (0.0 mm)
	0600			26	1009	NE	8	6	0.1	1	90	12% (0.0 mm)
	1200			27	1009	ENE	7	5	0.1	1	65	18% (0.0 mm)
	1800			28	1009	S	7	8	0.1	1	76	11% (0.0 mm)
24-10-24 (Thursday)	0001	30	26	25	1008	ENE	15	12	0.2	2	87	17% (0.0 mm)
	0600			25	1007	ESE	17	9	0.3	2	92	24% (0.0 mm)
	1200			29	1008	SSE	30	21	0.5	3	70	24% (0.0 mm)
	1800			28	1008	SSE	25	17	0.5	3	81	32% (0.2 mm)

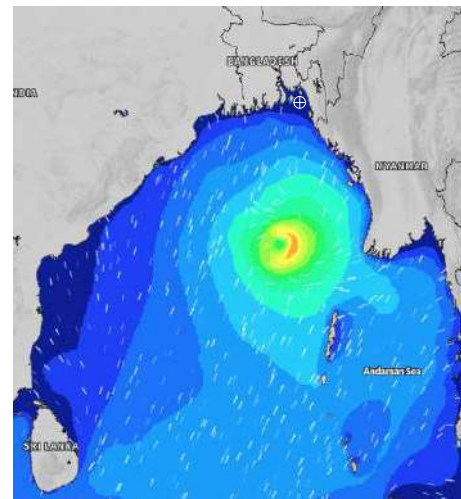
21 Oct 2024



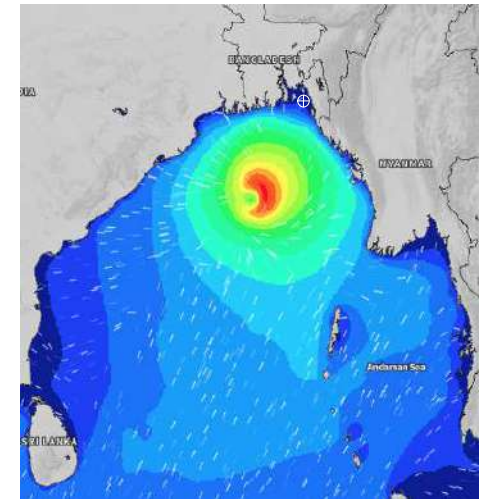
22 Oct 2024



23 Oct 2024



24 Oct 2024



Significant wave height (m)

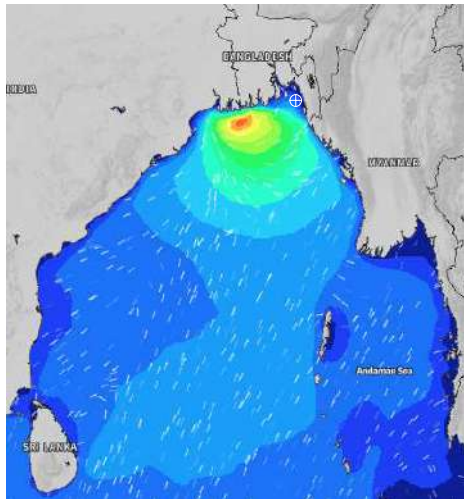


MARINE WEATHER FORECAST (21 to 28 Oct 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

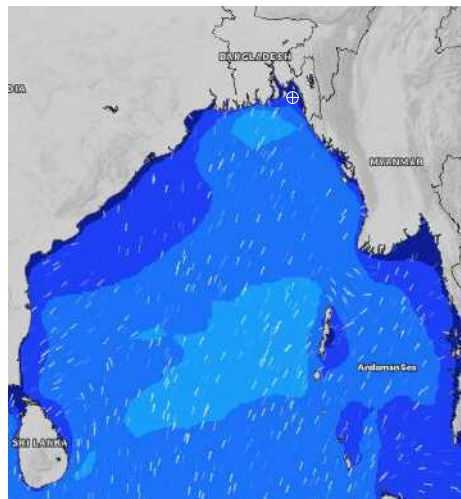


DateN	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
25-10-24 (Friday)	0001	30	25	26	1010	SE	10	5	0.2	2	88	42% (0.3 mm)
	0600			26	1009	SSE	12	8	0.3	2	91	45% (0.4 mm)
	1200			29	1009	S	9	5	0.7	3	76	62% (0.6 mm)
	1800			28	1007	SSW	14	9	0.8	3	81	42% (0.3 mm)
26-10-24 (Saturday)	0001	31	25	27	1007	SSE	9	8	0.7	3	88	59% (0.4 mm)
	0600			27	1008	SSE	8	7	0.5	3	94	54% (0.5 mm)
	1200			29	1009	S	10	9	0.5	3	74	42% (0.3 mm)
	1800			28	1008	SSW	11	10	0.4	2	81	45% (0.4 mm)
27-10-24 (Sunday)	0001	31	25	28	1010	S	11	10	0.3	2	90	62% (0.6 mm)
	0600			26	1009	SSE	10	9	0.2	2	90	42% (0.3 mm)
	1200			28	1009	SSW	8	7	0.2	2	73	60% (0.5 mm)
	1800			27	1007	SE	9	8	0.3	2	81	47% (0.4 mm)
28-10-24 (Monday)	0001	31	25	25	1009	SSW	6	5	0.1	1	87	60% (0.4 mm)
	0600			24	1009	S	7	6	0.1	1	90	57% (0.5 mm)
	1200			27	1008	SSE	7	6	0.1	1	71	63% (0.6 mm)
	1800			27	1006	SSW	8	7	0.1	1	81	47% (0.4 mm)

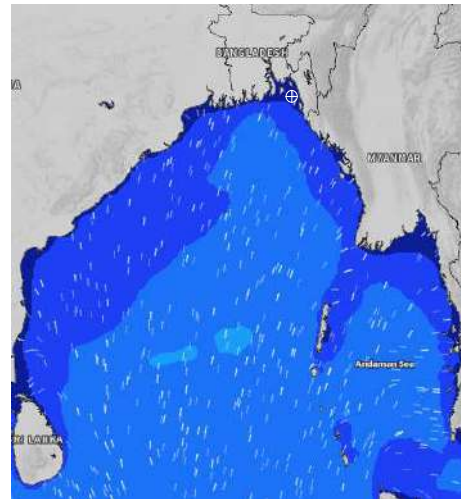
25 Oct 2024



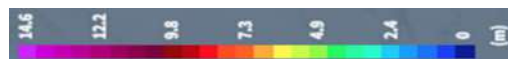
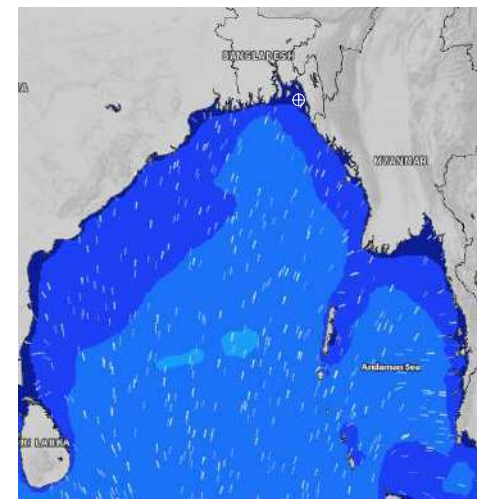
26 Oct 2024



27 Oct 2024



28 Oct 2024



Significant wave height (m)

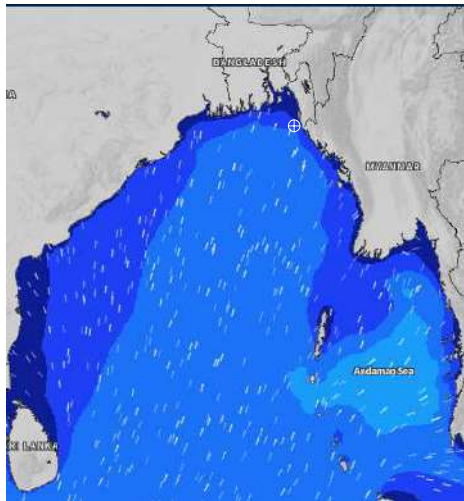


MARINE WEATHER FORECAST (21 to 28 Oct 2024) 20 NM WEST OF ELEPHANT POINT (21° 10' N, 091° 42' E)

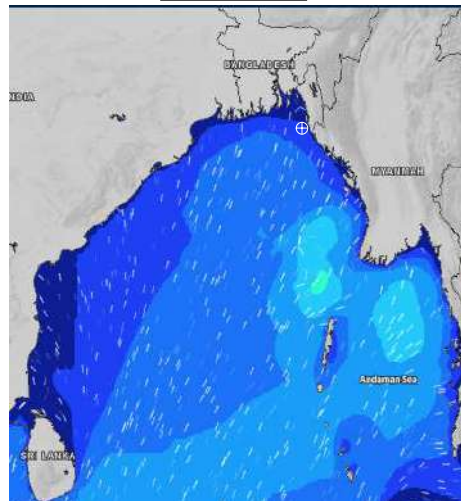


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		Max	Min				Max	Avg				
21-10-24 (Monday)	0001	32	26	29	1010	N	11	10	0.9	3	88	11% (0.0 mm)
	0600			28	1010	N	13	11	0.9	3	92	12% (0.0 mm)
	1200			28	1010	NNW	8	7	0.8	3	66	11% (0.0 mm)
	1800			28	1008	NNW	7	6	0.8	3	79	12% (0.0 mm)
22-10-24 (Tuesday)	0001	30	26	29	1010	N	12	11	0.9	3	88	10% (0.0 mm)
	0600			28	1010	N	14	13	0.9	3	90	11% (0.0 mm)
	1200			28	1009	NNW	10	9	0.8	3	67	11% (0.0 mm)
	1800			28	1008	NNW	4	3	0.8	3	79	10% (0.0 mm)
23-10-24 (Wednesday)	0001	30	27	28	1009	NNE	6	5	0.7	3	87	17% (0.0 mm)
	0600			27	1009	NE	8	7	0.8	3	89	24% (0.0 mm)
	1200			28	1008	ESE	10	9	1.0	3	72	13% (0.0 mm)
	1800			27	1008	NE	19	8	1.1	3	82	10% (0.0 mm)
24-10-24 (Thursday)	0001	29	26	28	1007	ESE	27	19	1.5	4	88	34% (0.3 mm)
	0600			28	1006	SE	24	20	2.0	4	90	43% (0.4 mm)
	1200			29	1008	SSE	20	18	2.5	4	73	41% (0.2 mm)
	1800			29	1008	S	19	16	2.8	5	83	35% (0.2 mm)

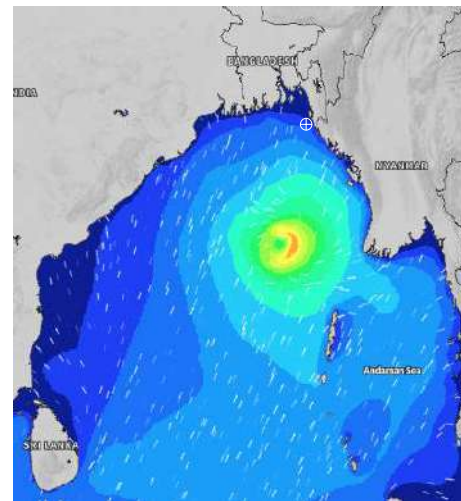
21 Oct 2024



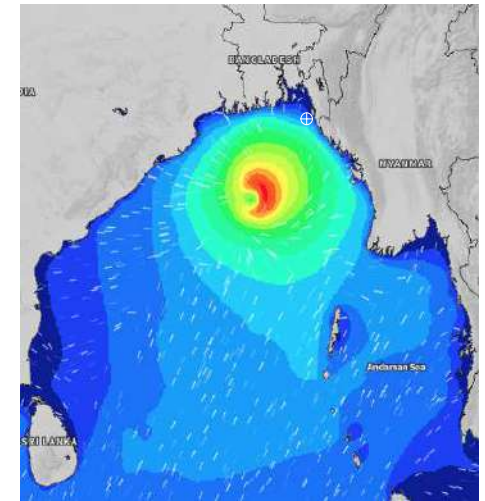
22 Oct 2024



23 Oct 2024



24 Oct 2024



Significant wave height (m)

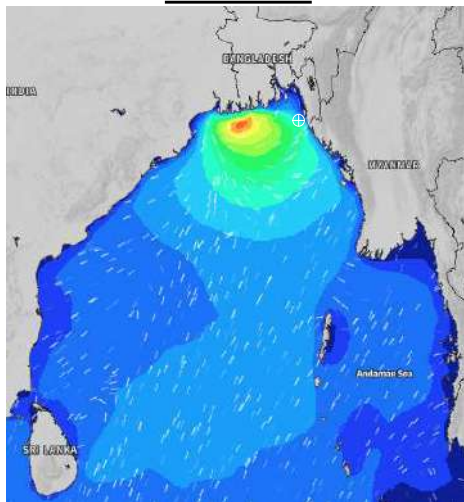


MARINE WEATHER FORECAST (21 to 28 Oct 2024) 20 NM WEST OF ELEPHANT POINT (21° 10'N, 091° 42'E)

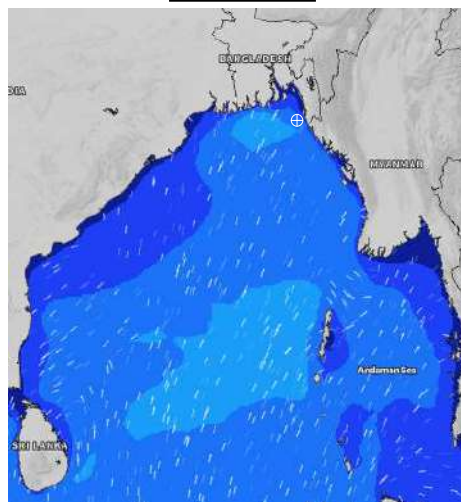


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		Max	Min				Max	Avg				
25-10-24 (Friday)	0001	30	25	28	1009	SSE	17	12	3.8	5	87	42% (0.3 mm)
	0600			28	1009	SSE	23	15	4.2	6	90	45% (0.4 mm)
	1200			29	1009	SSE	28	20	4.1	6	75	62% (0.6 mm)
	1800			29	1007	S	27	20	3.1	5	82	42% (0.3 mm)
26-10-24 (Saturday)	0001	30	25	29	1008	S	23	21	2.5	5	88	42% (0.3 mm)
	0600			29	1008	S	19	17	2.1	4	90	32% (0.2 mm)
	1200			29	1009	S	18	16	1.7	4	75	52% (0.5 mm)
	1800			29	1008	SSW	15	14	1.4	4	83	44% (0.3 mm)
27-10-24 (Sunday)	0001	31	25	28	1010	SW	10	9	1.1	3	89	59% (0.4 mm)
	0600			28	1009	WSW	8	7	1.0	3	91	41% (0.5 mm)
	1200			27	1009	W	7	6	0.9	3	76	64% (0.6 mm)
	1800			28	1007	W	11	10	0.8	3	84	52% (0.4 mm)
28-10-24 (Monday)	0001	31	25	27	1008	S	8	7	0.8	3	86	56% (0.4 mm)
	0600			26	1008	S	10	9	0.7	3	90	51% (0.5 mm)
	1200			27	1008	SSW	9	8	0.7	3	74	59% (0.6 mm)
	1800			28	1007	SW	10	9	0.7	3	82	33% (0.2 mm)

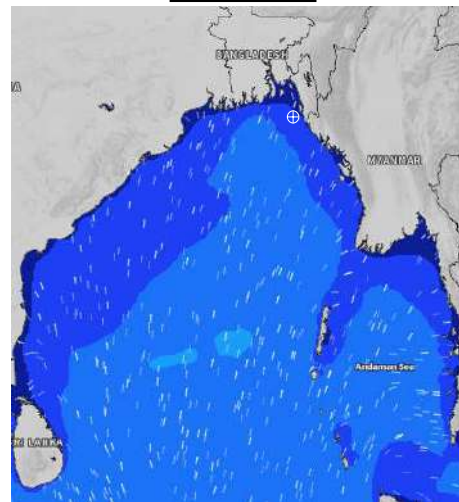
25 Oct 2024



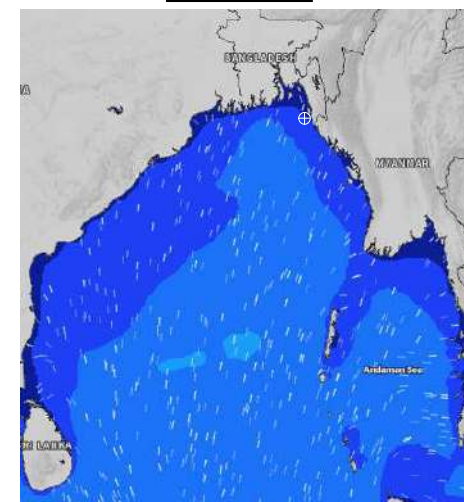
26 Oct 2024



27 Oct 2024



28 Oct 2024



Significant wave height (m)



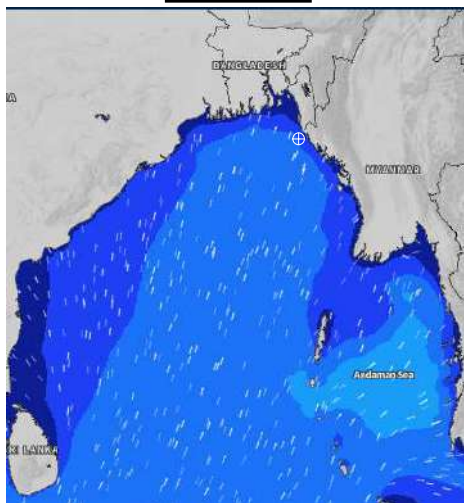
MARINE WEATHER FORECAST (21 to 28 Oct 2024)

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

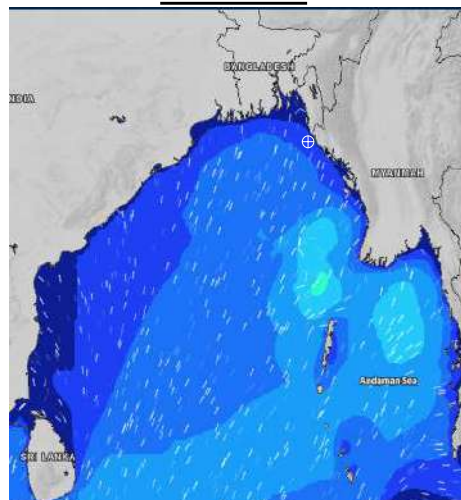


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
21-10-24 (Monday)	0001	31	27	30	1011	NNW	12	11	4.5	4	88	15% (0.0 mm)
	0600			29	1010	N	15	14	4.8	4	90	10% (0.0 mm)
	1200			29	1011	N	10	9	3.9	4	65	10% (0.0 mm)
	1800			29	1008	NNW	14	13	3.3	3	79	10% (0.0 mm)
22-10-24 (Tuesday)	0001	30	26	30	1010	NNW	12	11	1.2	3	87	11% (0.0 mm)
	0600			29	1009	N	15	14	1.2	3	90	12% (0.0 mm)
	1200			29	1010	NNW	8	7	1.1	3	66	11% (0.0 mm)
	1800			29	1008	WSW	7	6	1.0	3	81	10% (0.0 mm)
23-10-24 (Wednesday)	0001	30	27	29	1009	NE	8	7	1.0	3	89	19% (0.0 mm)
	0600			28	1008	E	10	9	1.2	3	91	32% (0.2 mm)
	1200			27	1010	E	22	17	1.6	4	72	43% (0.4 mm)
	1800			28	1007	NE	20	13	1.6	4	85	16% (0.0 mm)
24-10-24 (Thursday)	0001	29	26	29	1007	ESE	25	21	2.2	4	88	32% (0.2 mm)
	0600			29	1006	SSE	23	19	2.8	5	89	43% (0.4 mm)
	1200			29	1009	SSE	26	24	3.5	5	75	50% (0.5 mm)
	1800			30	1007	S	24	18	4.2	6	82	31% (0.2 mm)

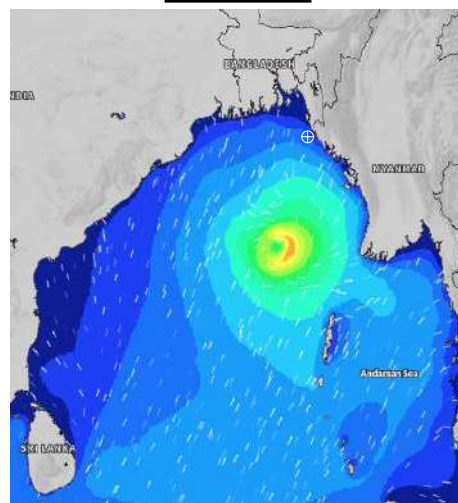
21 Oct 2024



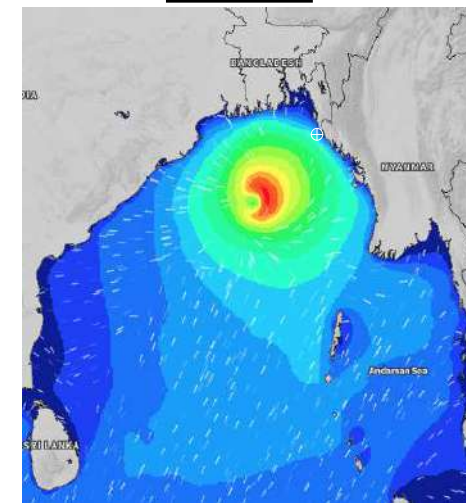
22 Oct 2024



23 Oct 2024



24 Oct 2024



Significant wave height (m)

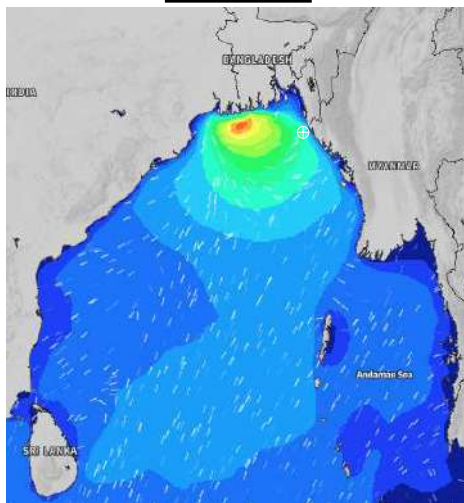


MARINE WEATHER FORECAST (21 to 28 Oct 2024)

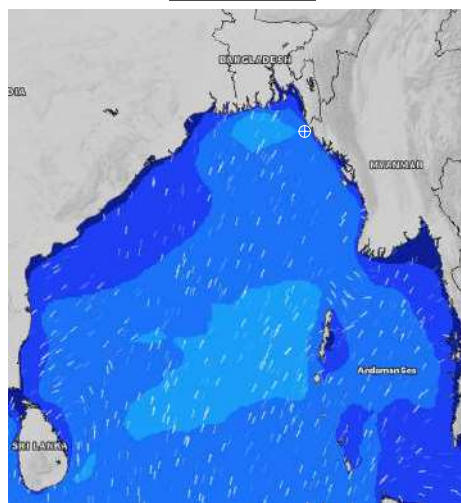
15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37'N, 092° 03'E)

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				
25-10-24 (Friday)	0001	30	26	30	1010	SE	29	28	5.0	6	88	41% (0.4 mm)
	0600			29	1009	SSE	33	24	5.1	6	90	42% (0.3 mm)
	1200			30	1010	S	32	24	4.6	6	73	46% (0.4 mm)
	1800			29	1008	S	29	21	4.2	6	82	55% (0.5 mm)
26-10-24 (Saturday)	0001	30	25	30	1009	S	23	21	3.0	5	87	24% (0.0 mm)
	0600			30	1008	S	18	17	2.3	4	88	41% (0.2 mm)
	1200			30	1010	S	15	14	1.9	4	73	53% (0.5 mm)
	1800			30	1008	S	12	12	1.6	4	84	55% (0.4 mm)
27-10-24 (Sunday)	0001	31	25	28	1011	SW	9	8	1.3	4	80	45% (0.3 mm)
	0600			28	1008	W	5	4	1.2	3	88	53% (0.5 mm)
	1200			29	1011	W	4	3	1.0	3	70	70% (0.6 mm)
	1800			28	1006	NW	10	9	1.0	3	82	46% (0.4 mm)
28-10-24 (Monday)	0001	31	25	28	1009	SW	11	10	1.0	3	87	68% (0.5 mm)
	0600			28	1007	W	12	11	1.0	3	90	62% (0.5 mm)
	1200			27	1010	W	8	7	0.9	3	76	63% (0.5 mm)
	1800			28	1006	SW	11	10	0.9	3	84	55% (0.5 mm)

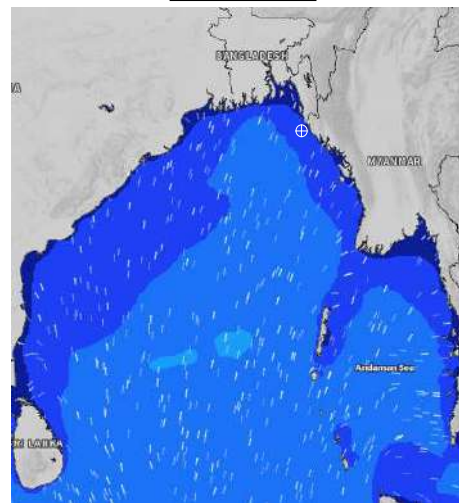
25 Oct 2024



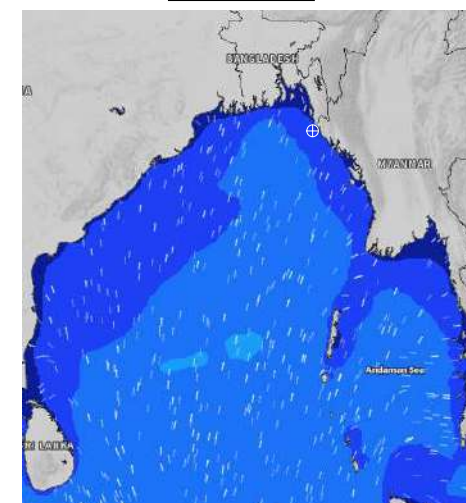
26 Oct 2024



27 Oct 2024



28 Oct 2024



Significant wave height (m)

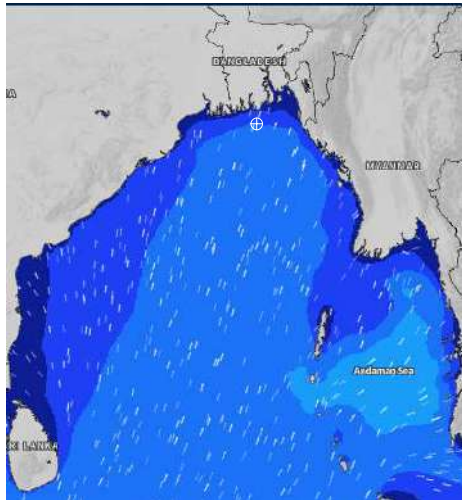


MARINE WEATHER FORECAST (21 to 28 Oct 2024) 40 NM ESE OF PAYRA FAIRWAY (21° 07' N, 090° 45' E)

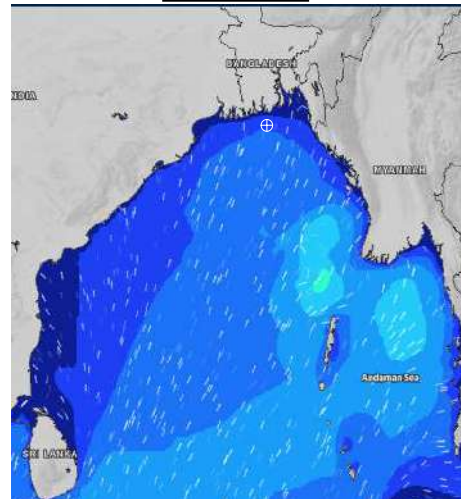


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
21-10-24 (Monday)	0001	32	25	29	1011	NNW	7	6	1.4	4	88	10% (0.0 mm)
	0600			29	1011	N	13	12	1.4	4	92	17% (0.0 mm)
	1200			29	1011	N	11	10	1.3	4	79	24% (0.0 mm)
	1800			29	1009	N	12	11	1.2	3	84	11% (0.0 mm)
22-10-24 (Tuesday)	0001	32	26	30	1011	NNW	10	10	1.2	3	90	10% (0.0 mm)
	0600			29	1010	N	15	14	1.2	3	91	12% (0.0 mm)
	1200			28	1010	N	11	10	1.1	3	70	36% (0.4 mm)
	1800			29	1008	NNW	6	5	1.0	3	79	12% (0.0 mm)
23-10-24 (Wednesday)	0001	29	26	29	1009	NNE	10	9	1.0	3	84	10% (0.0 mm)
	0600			29	1009	NE	11	10	1.2	3	88	11% (0.0 mm)
	1200			29	1008	E	11	10	1.5	4	64	14% (0.0 mm)
	1800			29	1008	NW	24	20	2.0	4	76	10% (0.0 mm)
24-10-24 (Thursday)	0001	28	27	29	1005	ESE	21	20	5.4	6	83	17% (0.0 mm)
	0600			28	1003	SE	23	21	6.0	6	87	10% (0.0 mm)
	1200			28	1006	S	23	22	5.5	6	70	12% (0.0 mm)
	1800			29	1006	S	25	22	4.3	6	80	31% (0.2 mm)

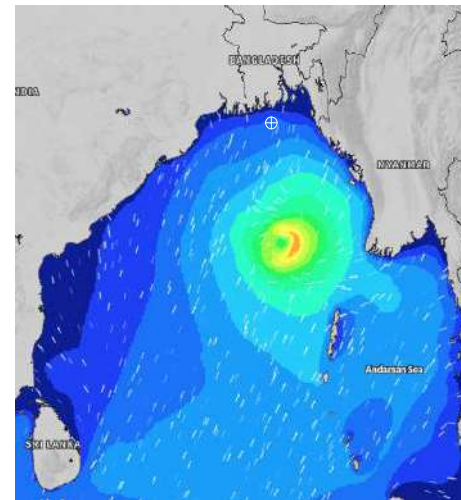
21 Oct 2024



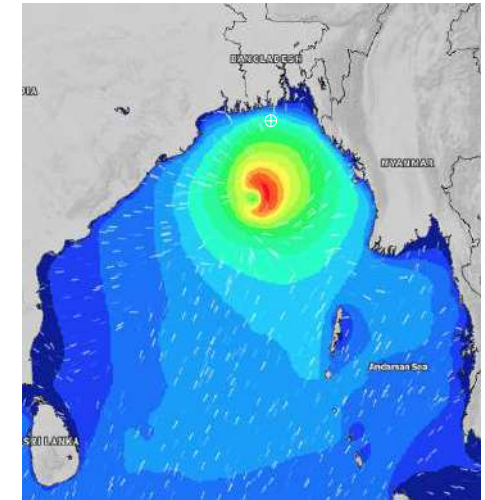
22 Oct 2024



23 Oct 2024



24 Oct 2024



Significant wave height (m)

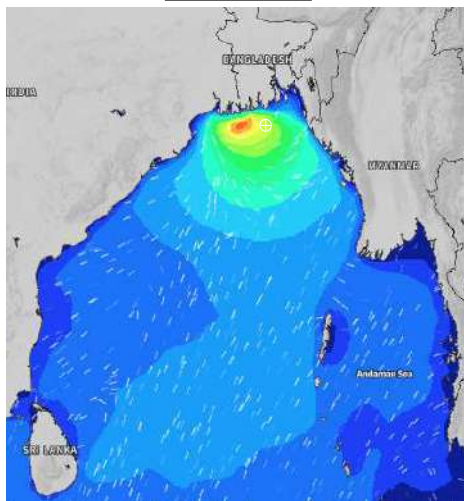


MARINE WEATHER FORECAST (21 to 28 Oct 2024) 40 NM ESE OF PAYRA FAIRWAY (21° 07' N, 090° 45' E)

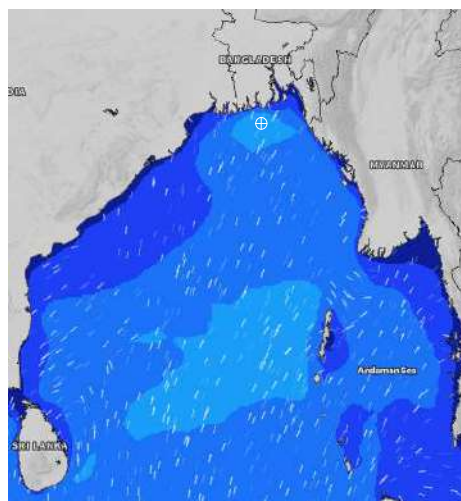


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		Max	Min				Max	Avg				
25-10-24 (Friday)	0001	29	25	29	1008	S	22	20	3.4	5	87	57% (0.5 mm)
	0600			29	1008	S	20	18	2.7	5	88	54% (0.5 mm)
	1200			30	1009	S	13	12	2.2	4	78	71% (0.8 mm)
	1800			30	1007	SSW	13	12	1.8	4	83	77% (0.7 mm)
26-10-24 (Saturday)	0001	29	25	28	1007	SW	21	19	3.0	5	87	50% (0.3 mm)
	0600			28	1008	SW	15	13	2.3	4	89	61% (0.5 mm)
	1200			28	1009	WSW	13	12	1.8	4	77	73% (0.9 mm)
	1800			29	1008	W	14	13	1.5	4	83	71% (0.8 mm)
27-10-24 (Sunday)	0001	30	26	27	1010	W	11	10	1.4	4	86	77% (0.7 mm)
	0600			27	1009	WNW	11	10	1.2	3	88	75% (0.9 mm)
	1200			27	1009	WNW	7	6	1.1	3	78	73% (0.7 mm)
	1800			27	1007	WNW	9	8	1.0	3	84	70% (0.2 mm)
28-10-24 (Monday)	0001	30	26	27	1008	WN	8	7	1.0	3	86	66% (0.6 mm)
	0600			28	1008	W	6	5	1.0	3	88	63% (0.5 mm)
	1200			28	1008	N	4	3	1.0	3	78	64% (0.6 mm)
	1800			28	1007	NW	5	4	0.9	3	82	54% (0.4 mm)

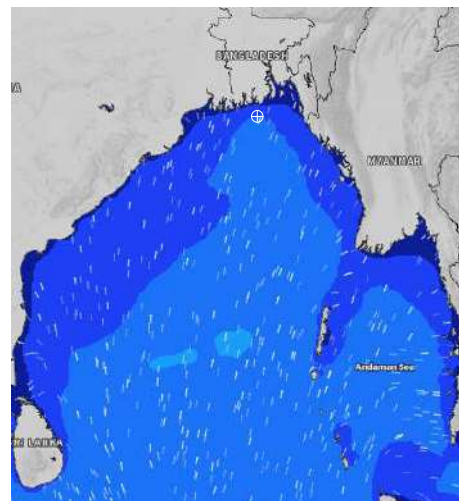
25 Oct 2024



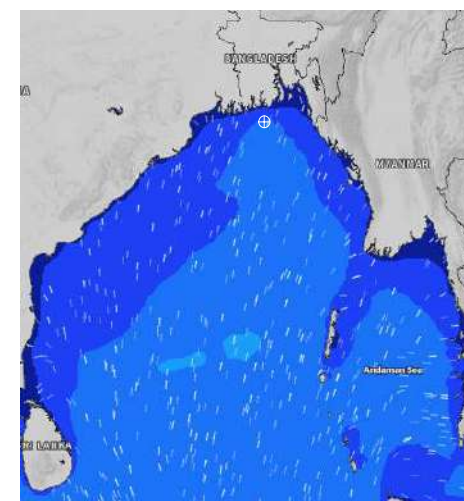
26 Oct 2024



27 Oct 2024



28 Oct 2024



Significant wave height (m)

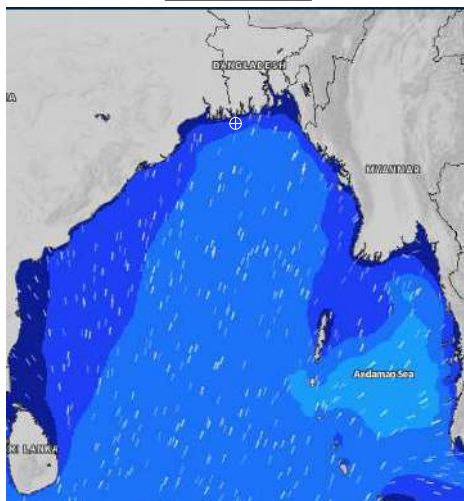


MARINE WEATHER FORECAST (21 to 28 Oct 2024) 10 NM SOUTH OF MONGLA FAIRWAY (21° 16' N, 089° 34' E)

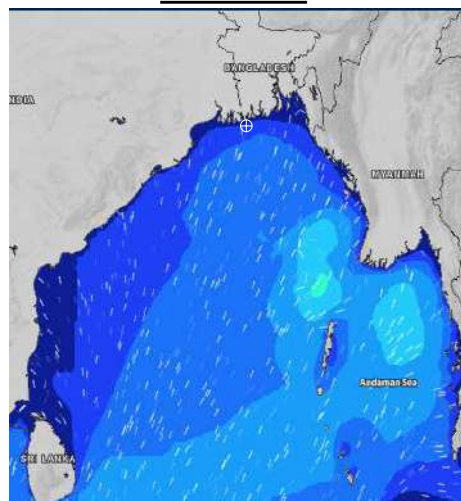


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Bar260 Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
21-10-24 (Monday)	0001	32	24	29	1011	NW	5	4	1.3	4	90	10% (0.0 mm)
	0600			29	1010	NNE	12	11	1.2	3	97	17% (0.0 mm)
	1200			28	1011	NNE	10	9	1.2	3	79	16% (0.0 mm)
	1800			30	1010	N	11	10	1.1	3	84	23% (0.0 mm)
22-10-24 (Tuesday)	0001	33	26	29	1011	N	13	11	1.1	3	92	10% (0.0 mm)
	0600			28	1011	N	17	15	1.2	3	95	18% (0.0 mm)
	1200			28	1010	N	13	12	1.1	3	63	15% (0.0 mm)
	1800			30	1008	N	10	9	1.0	3	83	10% (0.0 mm)
23-10-24 (Wednesday)	0001	28	24	29	1010	NNE	11	10	1.0	3	89	11% (0.0 mm)
	0600			28	1009	NNE	15	14	1.1	3	95	12% (0.0 mm)
	1200			28	1009	NNW	10	9	1.0	3	61	14% (0.0 mm)
	1800			29	1008	E	12	11	1.1	3	76	19% (0.0 mm)
24-10-24 (Thursday)	0001	27	25	28	1009	E	20	31	5.2	6	88	18% (0.0 mm)
	0600			28	997	ESE	25	34	7.0	7	92	10% (0.0 mm)
	1200			28	997	SSE	27	39	7.4	7	65	15% (0.0 mm)
	1800			28	1002	SSW	28	23	5.2	6	79	19% (0.0 mm)

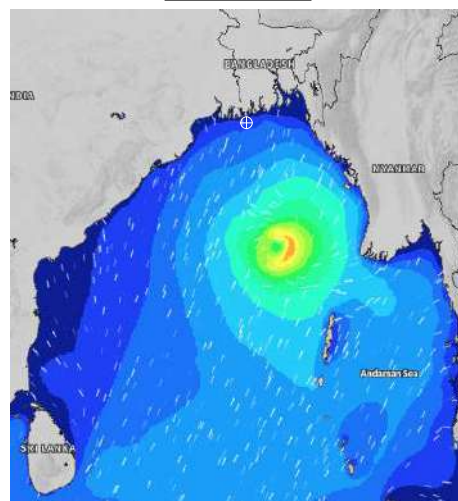
21 Oct 2024



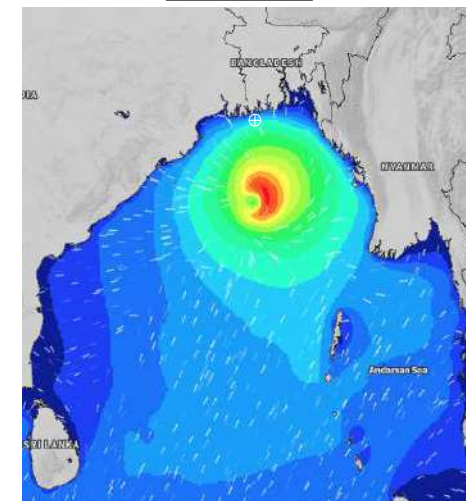
22 Oct 2024



23 Oct 2024



24 Oct 2024



Significant wave height (m)

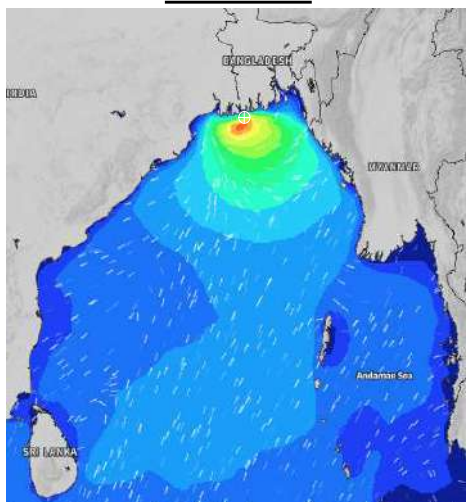


MARINE WEATHER FORECAST (21 to 28 Oct 2024) 10 NM SOUTH OF MONGLA FAIRWAY (21° 16' N, 089° 34' E)

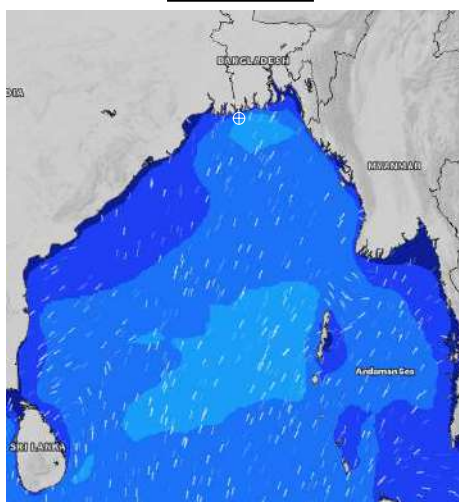


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
25-10-24 (Friday)	0001	28	24	28	1005	SSW	25	22	4.0	5	90	34% (0.2 mm)
	0600			29	1006	SSW	21	18	3.3	5	91	43% (0.3 mm)
	1200			29	1007	SSW	15	14	2.5	5	76	44% (0.4 mm)
	1800			29	1006	SW	12	11	2.1	4	83	66% (0.6 mm)
26-10-24 (Saturday)	0001	29	24	28	1007	SW	20	19	2.3	4	88	24% (0.0 mm)
	0600			27	1007	W	17	15	1.8	4	91	60% (0.5 mm)
	1200			27	1009	W	16	15	1.5	4	71	71% (0.7 mm)
	1800			26	1008	NW	16	14	1.4	4	84	62% (0.6 mm)
27-10-24 (Sunday)	0001	30	25	26	1010	WNW	14	12	1.2	3	90	62% (0.6 mm)
	0600			26	1009	WNW	13	12	1.1	3	93	75% (0.7 mm)
	1200			26	1009	WNW	10	9	1.0	3	79	73% (0.7 mm)
	1800			27	1007	NW	8	7	0.9	3	86	62% (0.6 mm)
28-10-24 (Monday)	0001	31	25	27	1008	WNW	6	5	0.9	3	89	62% (0.6 mm)
	0600			27	1008	WNW	4	3	0.9	3	92	75% (0.7 mm)
	1200			28	1008	NW	7	6	0.9	3	75	63% (0.6 mm)
	1800			28	1007	WNW	8	7	0.9	3	82	44% (0.4 mm)

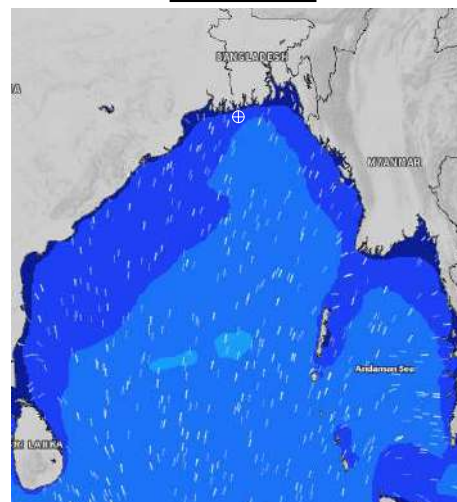
25 Oct 2024



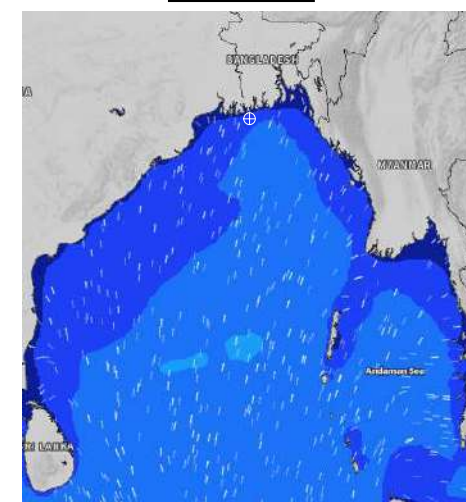
26 Oct 2024



27 Oct 2024



28 Oct 2024



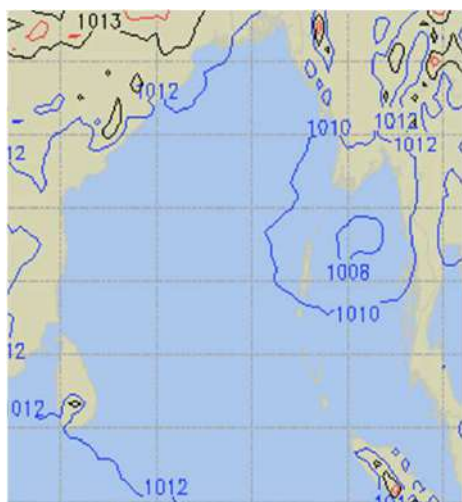
Significant wave height (m)



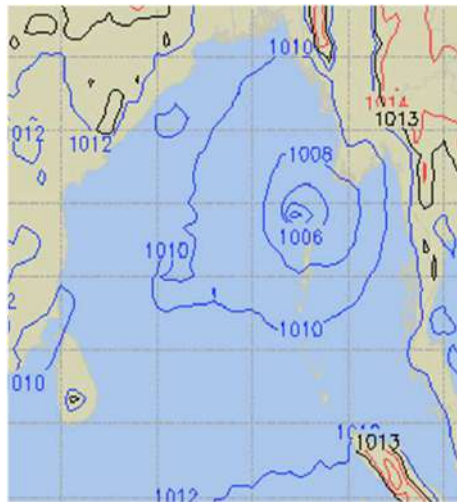
PREDICTED SURFACE PRESSURE FORECAST (21 to 27 Oct 2024)



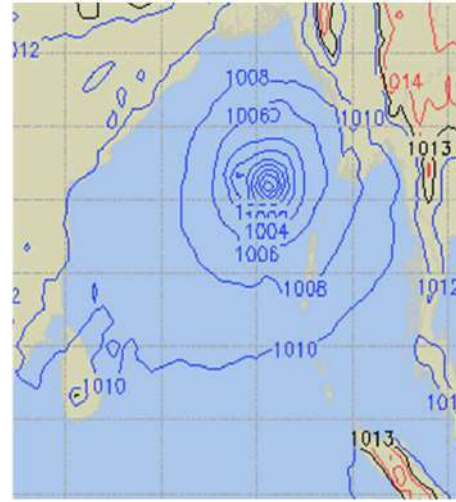
21 Oct 2024



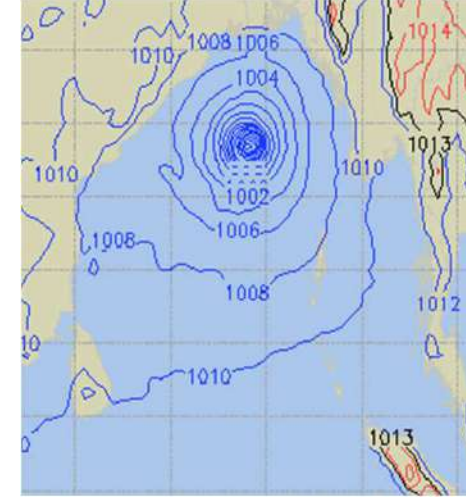
22 Oct 2024



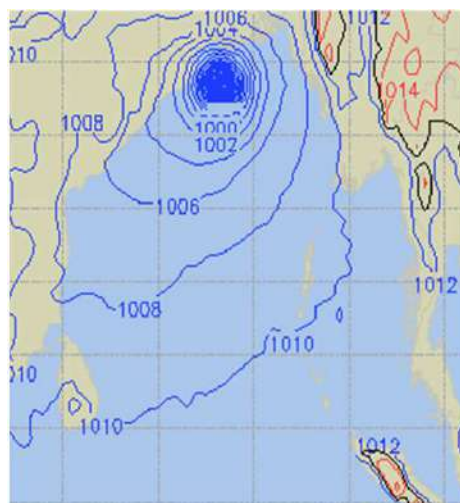
23 Oct 2024



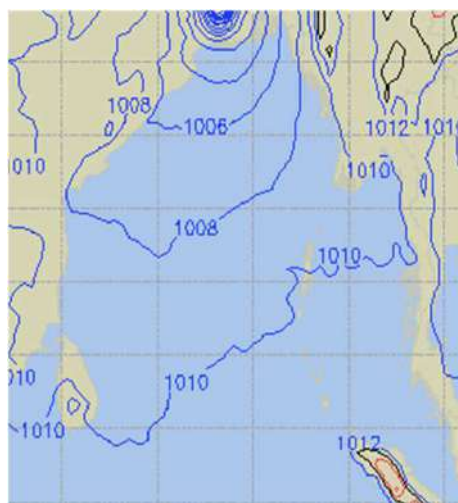
24 Oct 2024



25 Oct 2024



26 Oct 2024



27 Oct 2024

