



SUMMARY OF MARINE WEATHER FORECAST
COASTAL AREA OF BANGLADESH
DATE: 22 to 29 Oct 2024



Fleet forecast

The cyclonic circulation over North Andaman sea lay as a low pressure area over the Eastcentral Bay of Bengal and adjoining North Andaman sea moved West-Northwestwards and lay as a well marked low pressure area over Eastcentral Bay of Bengal.

It is very likely to move West-Northwestwards and intensify into a depression by 22 October morning 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/0000 UTC. Continuing to move Northwestwards, it is very likely to cross North Odisha and West Bengal coasts between Puri and Sagar Island during 1800 UTC of 24 and 0000 UTC of 25 October, 2024 as a severe cyclonic storm with a wind speed of 100-110 kmph gusting 120 kmph.

Wind direction, speed

South/south-easterly 13 kts, (Temporary gusting up to 47 kts).

Wave height & sea state

Wave height: 0.1 to 6.0 m (Sea state:1 to 6).

Sea surface temperature

25°C - 29°C (May remain nearly unchanged).

Baro pressure

1001 – 1010 mb

Rainfall

Light to moderate rain/thunder showers over Bay of Bengal & adjoining area.

Outlook for 22 to 29 Oct 2024: Rainfall activity may increase at the end of said period.

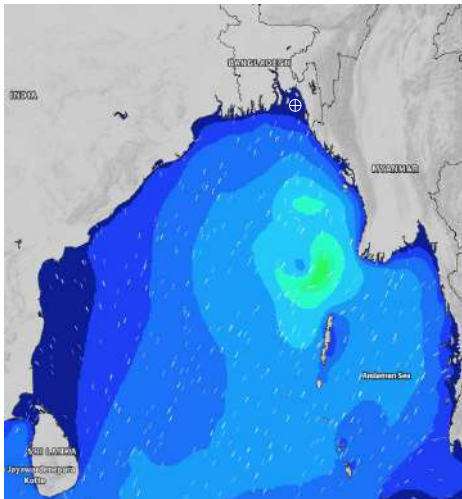


MARINE WEATHER FORECAST (22 to 29 Oct 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

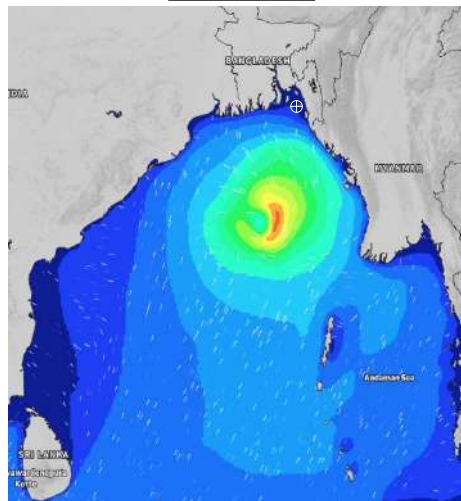


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
22-10-24 (Tuesday)	0001	31	26	27	1010	ESE	4	3	0.1	1	86	10% (0.0 mm)
	0600			26	1009	NE	7	6	0.1	1	90	17% (0.0 mm)
	1200			25	1009	NE	5	4	0.1	1	73	22% (0.0 mm)
	1800			27	1009	ENE	6	5	0.1	1	81	11% (0.0 mm)
23-10-24 (Wednesday)	0001	30	25	27	1009	E	7	6	0.1	1	89	37% (0.2 mm)
	0600			25	1009	NNE	10	9	0.2	2	92	24% (0.0 mm)
	1200			28	1008	NNE	14	13	0.2	2	65	32% (0.2 mm)
	1800			26	1008	ENE	6	5	0.1	1	75	24% (0.0 mm)
24-10-24 (Thursday)	0001	30	26	26	1009	E	12	9	0.2	2	87	21% (0.0 mm)
	0600			25	1008	E	10	9	0.2	2	88	34% (0.0 mm)
	1200			29	1008	SSE	19	19	0.5	3	70	71% (0.6 mm)
	1800			28	1008	SSE	24	23	0.5	3	80	11% (0.0 mm)
25-10-24 (Friday)	0001	31	25	27	1009	SE	23	16	0.4	2	86	31% (0.2 mm)
	0600			26	1009	SE	23	14	0.3	2	87	39% (0.3 mm)
	1200			29	1009	S	14	10	0.2	2	70	49% (0.4 mm)
	1800			29	1007	SSW	19	17	0.4	2	80	34% (0.2 mm)

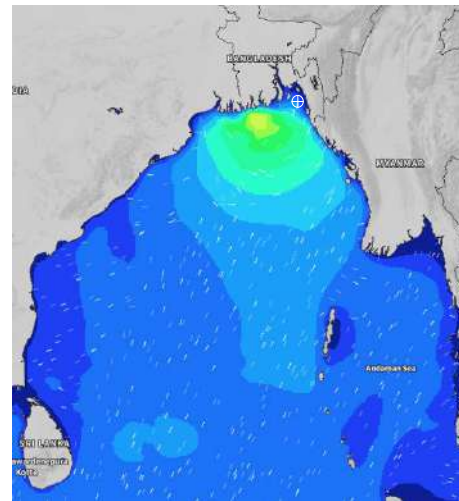
22 Oct 2024



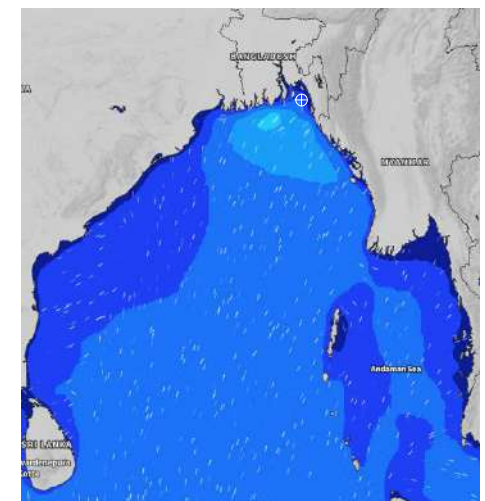
23 Oct 2024



24 Oct 2024



25 Oct 2024



Significant wave height (m)

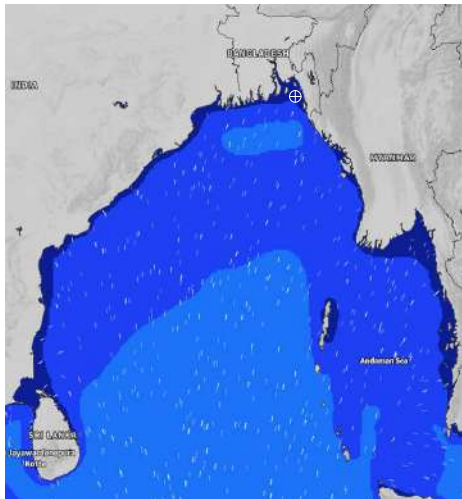


MARINE WEATHER FORECAST (22 to 29 Oct 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

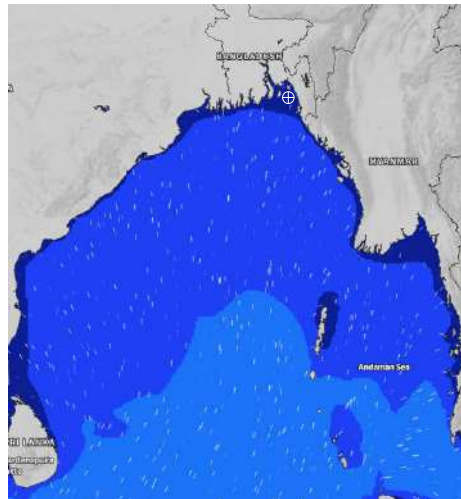


DateN	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
26-10-24 (Saturday)	0001	31	25	27	1008	SSE	17	13	0.3	2	88	50% (0.8 mm)
	0600			25	1007	SE	13	10	0.3	2	91	45% (0.5 mm)
	1200			29	1007	S	11	8	0.2	2	70	32% (0.3 mm)
	1800			28	1006	S	17	13	0.3	2	81	35% (0.2 mm)
27-10-24 (Sunday)	0001	31	25	27	1007	SE	16	12	0.3	2	89	42% (0.4 mm)
	0600			25	1007	SE	13	11	0.3	2	92	54% (0.5 mm)
	1200			28	1007	S	11	9	0.2	2	69	42% (0.3 mm)
	1800			28	1005	SS	13	10	0.2	2	81	45% (0.4 mm)
28-10-24 (Monday)	0001	32	25	27	1007	SSE	5	4	0.1	1	90	62% (0.6 mm)
	0600			25	1007	E	6	5	0.1	1	90	42% (0.3 mm)
	1200			27	1007	S	6	4	0.1	1	73	60% (0.5 mm)
	1800			28	1006	WSW	6	5	0.1	1	81	47% (0.4 mm)
29-10-24 (Tuesday)	0001	31	25	27	1009	SW	4	3	0.1	1	87	32% (0.3 mm)
	0600			25	1009	ENE	6	5	0.1	1	90	35% (0.2 mm)
	1200			27	1008	WNW	6	5	0.1	1	71	42% (0.4 mm)
	1800			28	1006	W	7	6	0.1	1	81	54% (0.5 mm)

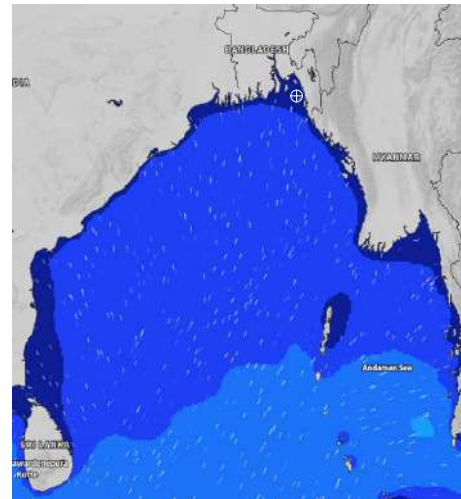
26 Oct 2024



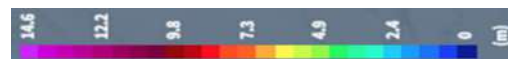
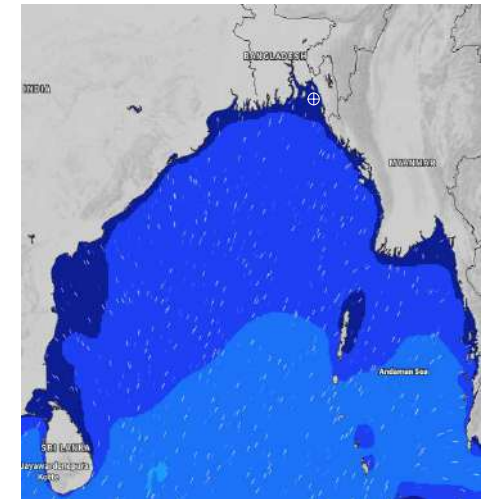
27 Oct 2024



28 Oct 2024



29 Oct 2024



Significant wave height (m)

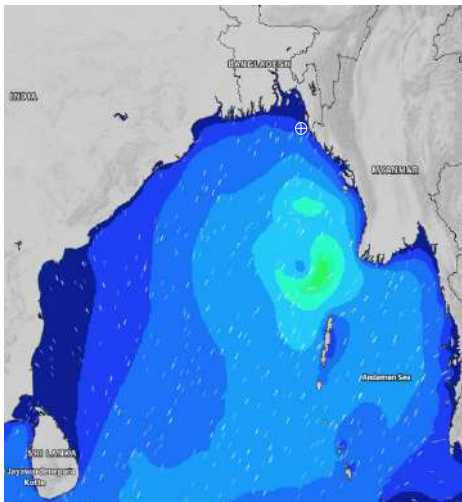


MARINE WEATHER FORECAST (22 to 29 Oct 2024) 20 NM WEST OF ELEPHANT POINT (21° 10' N, 091° 42' E)

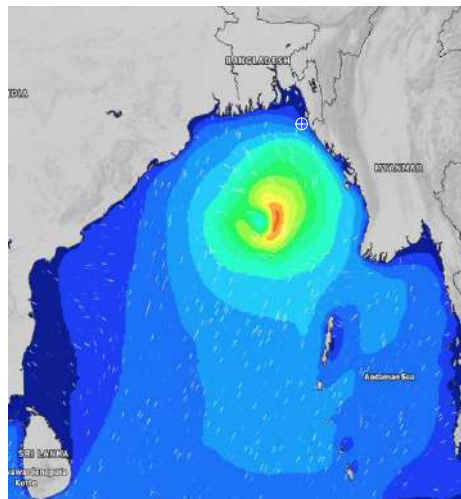


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		Max	Min				Max	Avg				
22-10-24 (Tuesday)	0001	30	26	28	1010	ENE	4	3	0.8	3	90	11% (0.0 mm)
	0600			28	1009	NNE	8	7	0.8	3	91	15% (0.0 mm)
	1200			28	1009	NNE	6	5	0.9	3	77	24% (0.0 mm)
	1800			29	1009	E	5	4	0.9	3	84	15% (0.0 mm)
23-10-24 (Wednesday)	0001	30	26	26	1009	NE	9	8	0.9	3	89	31% (0.2 mm)
	0600			25	1008	NNE	20	17	1.2	3	91	24% (0.0 mm)
	1200			28	1008	NNE	7	6	1.3	4	76	53% (0.4 mm)
	1800			28	1007	ESE	27	24	2.8	5	84	53% (0.5 mm)
24-10-24 (Thursday)	0001	30	26	28	1008	SE	31	22	3.3	5	87	24% (0.0 mm)
	0600			28	1008	SE	35	29	3.1	5	85	41% (0.3 mm)
	1200			29	1008	SSE	31	25	3.1	5	76	69% (0.6 mm)
	1800			29	1007	SSE	23	19	2.6	5	83	44% (0.4 mm)
25-10-24 (Friday)	0001	30	25	29	1009	SSE	22	20	2.4	4	87	54% (0.5 mm)
	0600			29	1009	SE	19	18	2.0	4	88	43% (0.4 mm)
	1200			29	1009	SSE	17	16	1.9	4	73	41% (0.2 mm)
	1800			29	1007	S	16	15	1.6	4	82	35% (0.2 mm)

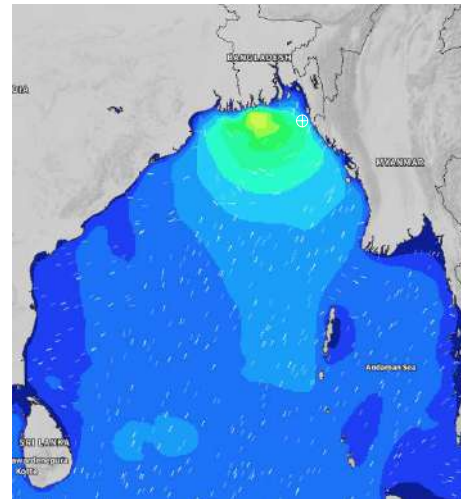
22 Oct 2024



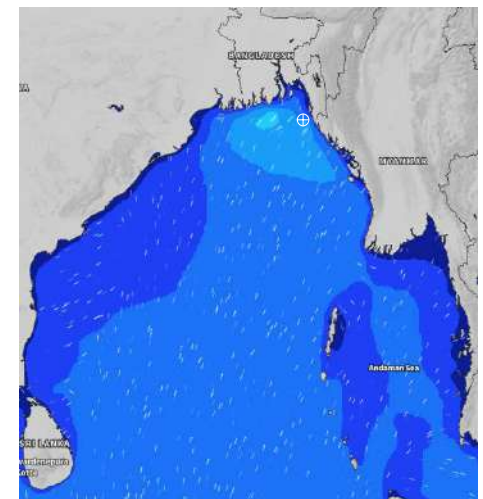
23 Oct 2024



24 Oct 2024



25 Oct 2024



Significant wave height (m)

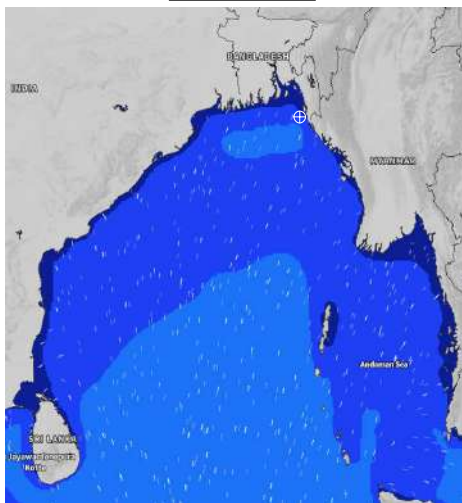


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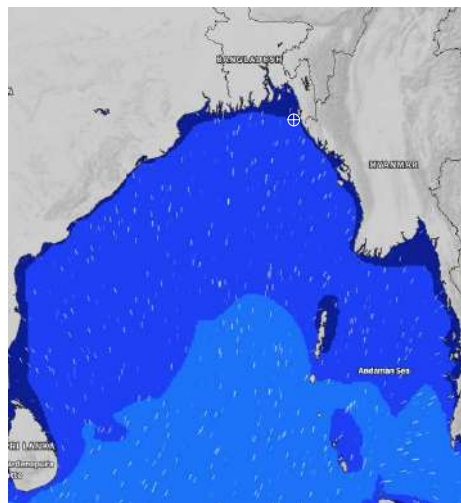


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
26-10-24 (Saturday)	0001	31	25	29	1008	S	18	17	1.5	4	88	42% (0.3 mm)
	0600			29	1007	S	14	13	1.4	4	91	45% (0.4 mm)
	1200			29	1007	SSE	15	14	1.3	4	71	62% (0.6 mm)
	1800			29	1006	S	15	13	1.2	3	82	42% (0.3 mm)
27-10-24 (Sunday)	0001	31	25	29	1007	S	15	14	1.2	3	88	42% (0.3 mm)
	0600			29	1007	SSE	12	11	1.1	3	90	32% (0.2 mm)
	1200			29	1007	SSE	12	11	1.1	3	75	52% (0.5 mm)
	1800			29	1005	SSW	10	9	1.0	3	83	44% (0.3 mm)
28-10-24 (Monday)	0001	31	25	28	1007	SW	5	4	0.8	3	89	59% (0.4 mm)
	0600			27	1007	E	6	5	0.8	3	91	41% (0.5 mm)
	1200			28	1007	SSW	4	3	0.7	3	76	64% (0.6 mm)
	1800			29	1006	WSW	6	5	0.7	3	84	42% (0.3 mm)
29-10-24 (Tuesday)	0001	31	25	28	1008	W	5	4	0.6	3	86	32% (0.2 mm)
	0600			27	1009	NE	6	5	0.6	3	90	52% (0.5 mm)
	1200			28	1008	NW	5	4	0.6	3	74	44% (0.3 mm)
	1800			28	1007	WNW	7	6	0.6	3	82	33% (0.2 mm)

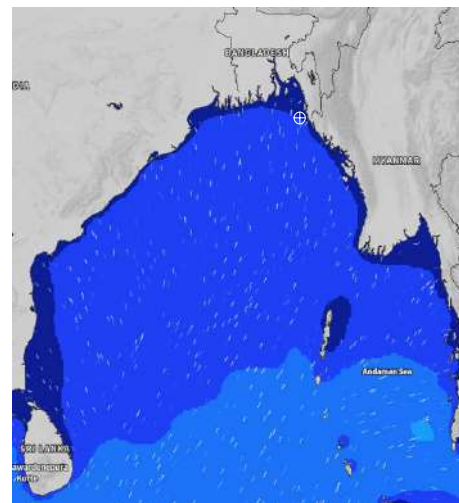
26 Oct 2024



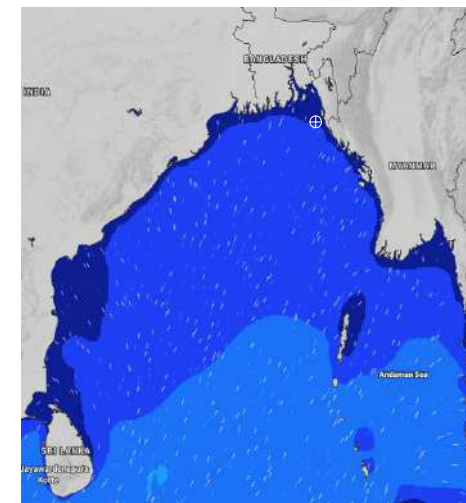
27 Oct 2024



28 Oct 2024



29 Oct 2024



Significant wave height (m)

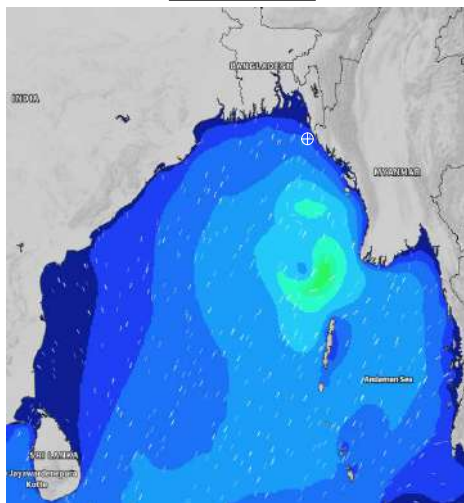


MARINE WEATHER FORECAST (22 to 29 Oct 2024)
15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37'N, 092° 03'E)

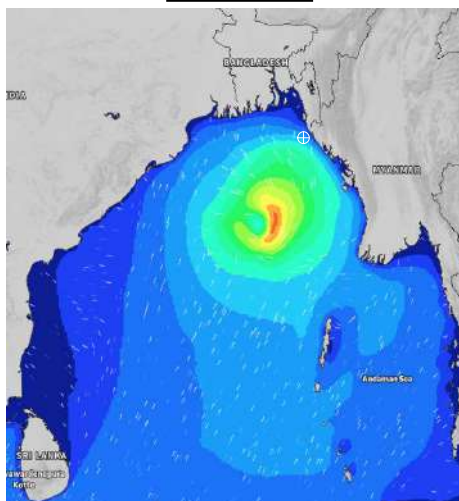


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
22-10-24 (Tuesday)	0001	30	27	28	1010	ENE	5	4	1.0	3	90	15% (0.0 mm)
	0600			28	1008	ENE	6	5	1.2	3	89	20% (0.0 mm)
	1200			29	1009	E	8	7	1.4	4	79	33% (0.2 mm)
	1800			27	1008	ESE	16	15	1.3	4	84	22% (0.0 mm)
23-10-24 (Wednesday)	0001	30	27	27	1009	ENE	17	14	1.4	4	87	32% (0.2 mm)
	0600			27	1007	ENE	11	9	1.6	4	88	22% (0.0 mm)
	1200			28	1008	ESE	28	20	2.3	4	74	32% (0.2 mm)
	1800			28	1006	SE	30	27	3.9	5	86	56% (0.5 mm)
24-10-24 (Thursday)	0001	29	26	28	1008	ESE	32	28	4.4	6	86	33% (0.2 mm)
	0600			29	1007	SSE	33	28	3.7	5	85	50% (0.5 mm)
	1200			28	1009	SSE	30	24	3.6	5	79	65% (0.6 mm)
	1800			29	1007	S	22	19	3.1	5	86	59% (0.5 mm)
25-10-24 (Friday)	0001	30	26	29	1010	S	19	17	2.9	5	87	59% (0.5 mm)
	0600			29	1009	SSE	15	14	2.6	5	89	43% (0.4 mm)
	1200			29	1010	SSE	14	13	2.2	4	76	50% (0.5 mm)
	1800			29	1007	S	13	12	1.8	4	83	31% (0.2 mm)

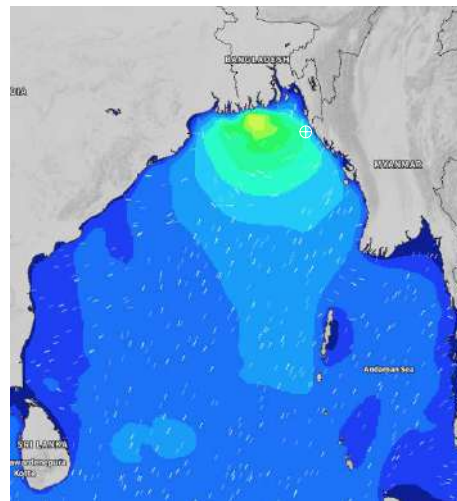
22 Oct 2024



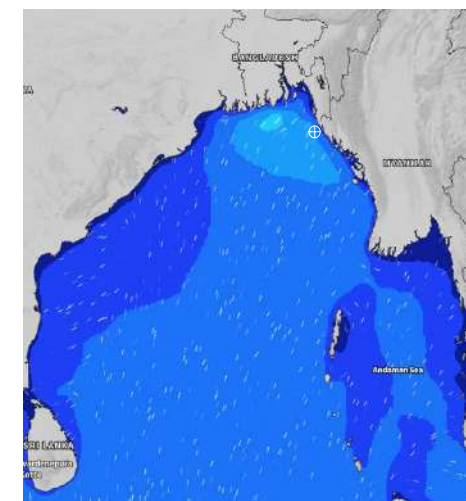
23 Oct 2024



24 Oct 2024



25 Oct 2024



Significant wave height (m)

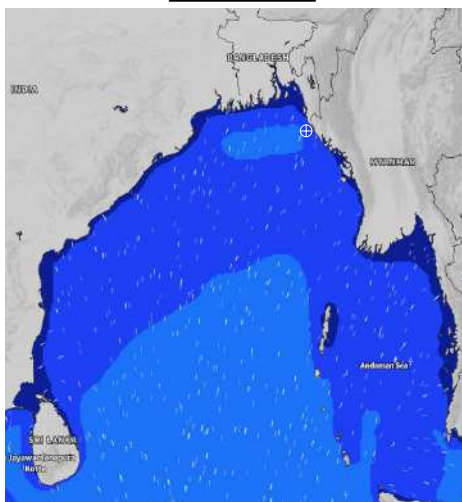


MARINE WEATHER FORECAST (22 to 29 Oct 2024)
15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37'N, 092° 03'E)

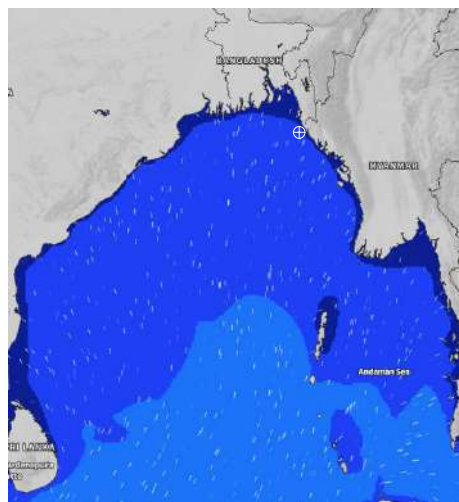


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
26-10-24 (Saturday)	0001	30	26	29	1009	S	14	13	1.6	4	88	53% (0.4 mm)
	0600			29	1007	S	13	12	1.5	4	91	44% (0.3 mm)
	1200			29	1009	SSE	10	9	1.4	4	74	52% (0.5 mm)
	1800			29	1005	S	9	8	1.4	4	83	31% (0.2 mm)
27-10-24 (Sunday)	0001	30	26	29	1008	SSW	11	10	1.3	4	88	24% (0.0 mm)
	0600			29	1006	SSW	10	9	1.3	4	91	41% (0.2 mm)
	1200			29	1009	SSE	8	7	1.2	3	74	53% (0.5 mm)
	1800			29	1005	SSW	8	7	1.2	3	84	55% (0.4 mm)
28-10-24 (Monday)	0001	31	26	29	1008	SSW	8	7	1.0	3	80	45% (0.3 mm)
	0600			29	1006	W	9	8	1.0	3	88	53% (0.5 mm)
	1200			29	1009	SW	5	4	0.9	3	70	70% (0.6 mm)
	1800			29	1005	WSW	5	4	0.9	3	83	46% (0.4 mm)
29-10-24 (Tuesday)	0001	31	26	29	1009	WSW	7	6	0.8	3	87	68% (0.5 mm)
	0600			28	1007	WNW	6	5	0.7	3	90	62% (0.5 mm)
	1200			28	1010	N	5	4	0.7	3	76	63% (0.5 mm)
	1800			29	1006	WNW	7	6	0.8	3	84	55% (0.5 mm)

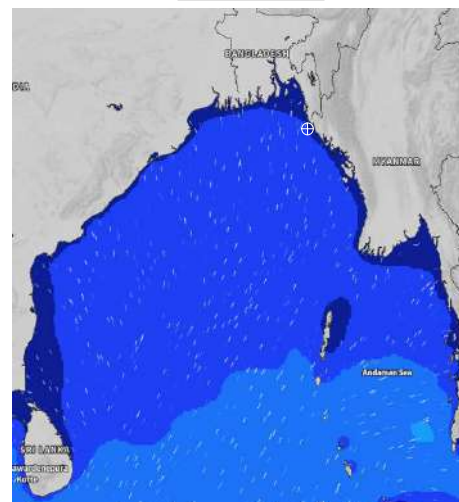
26 Oct 2024



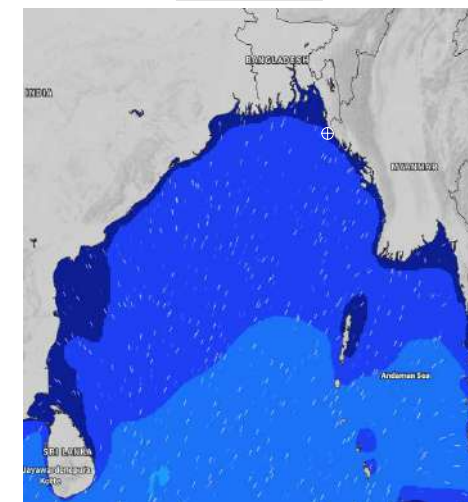
27 Oct 2024



28 Oct 2024



29 Oct 2024



Significant wave height (m)

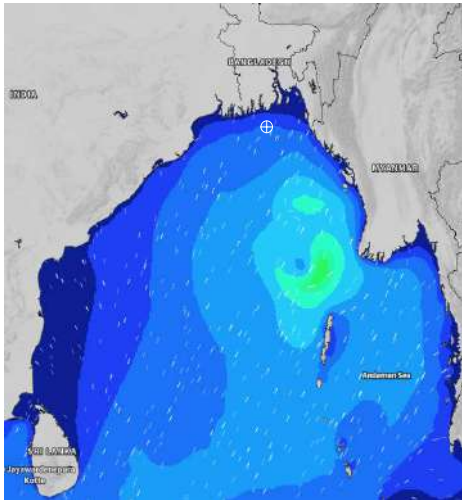


MARINE WEATHER FORECAST (22 to 29 Oct 2024) 40 NM ESE OF PAYRA FAIRWAY (21° 07' N, 090° 45' E)

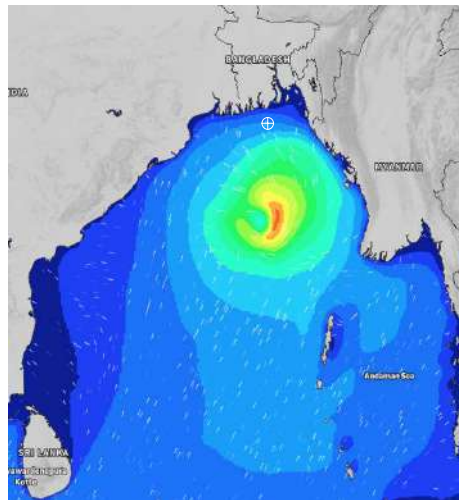


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		Max	Min				Max	Avg				
22-10-24 (Tuesday)	0001	32	26	29	1010	NE	6	5	1.1	3	85	10% (0.0 mm)
	0600			29	1009	NNE	12	11	1.2	3	90	17% (0.0 mm)
	1200			29	1009	ENE	8	7	1.3	4	67	24% (0.0 mm)
	1800			28	1009	E	9	6	1.4	4	80	16% (0.0 mm)
23-10-24 (Wednesday)	0001	29	26	27	1009	E	20	16	1.8	4	86	44% (0.3 mm)
	0600			26	1008	NE	20	18	1.9	4	91	37% (0.2 mm)
	1200			28	1006	ENE	27	21	2.4	4	82	44% (0.4 mm)
	1800			29	1005	ESE	34	26	4.2	6	89	56% (0.5 mm)
24-10-24 (Thursday)	0001	28	27	29	1006	SE	40	31	5.1	6	88	74% (1.0 mm)
	0600			29	1005	SE	39	32	4.8	6	88	76% (1.2 mm)
	1200			28	1006	SSE	38	32	4.7	6	87	76% (1.1 mm)
	1800			29	1006	S	29	25	4.2	6	87	82% (1.1 mm)
25-10-24 (Friday)	0001	29	26	29	1008	S	26	22	3.6	5	85	74% (1.0 mm)
	0600			29	1008	S	23	20	2.9	5	84	76% (1.2 mm)
	1200			29	1008	SSE	21	18	2.4	4	82	76% (1.1 mm)
	1800			29	1007	S	20	17	2.1	4	87	82% (1.1 mm)

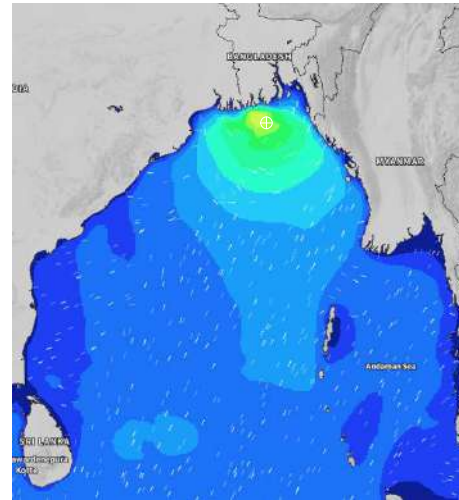
22 Oct 2024



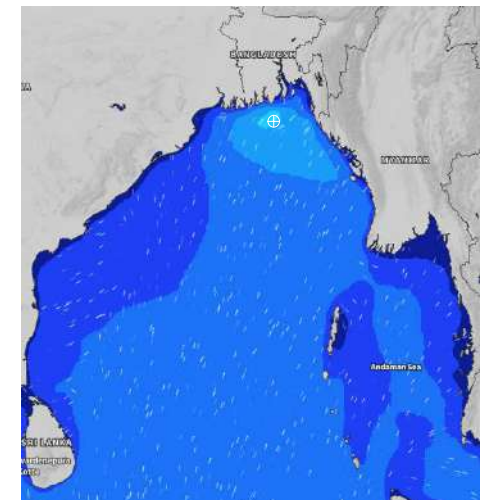
23 Oct 2024



24 Oct 2024



25 Oct 2024



Significant wave height (m)

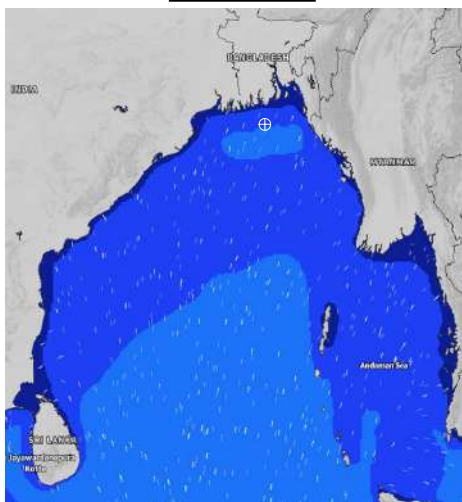


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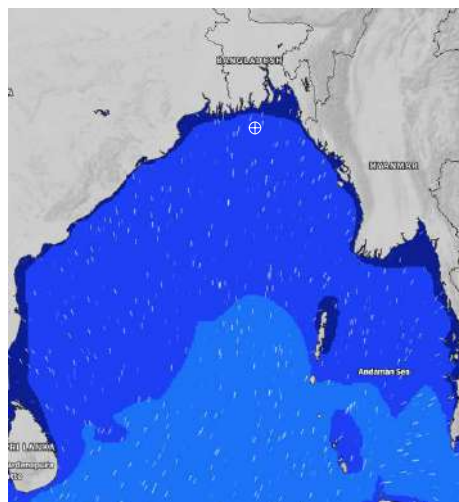


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
26-10-24 (Saturday)	0001	30	26	29	1007	S	20	18	2.0	4	85	57% (0.5 mm)
	0600			29	1006	S	20	18	2.0	4	90	54% (0.5 mm)
	1200			29	1006	S	19	17	1.9	4	67	71% (0.8 mm)
	1800			29	1005	S	18	17	1.8	4	80	77% (0.7 mm)
27-10-24 (Sunday)	0001	30	25	29	1006	SSW	17	16	1.6	4	86	50% (0.3 mm)
	0600			28	1006	SW	12	11	1.5	4	91	61% (0.5 mm)
	1200			29	1007	SW	8	7	1.3	4	82	73% (0.9 mm)
	1800			29	1005	SW	7	7	1.2	3	89	71% (0.8 mm)
28-10-24 (Monday)	0001	31	25	28	1007	SW	6	5	1.0	3	88	77% (0.7 mm)
	0600			28	1007	WNW	4	3	1.0	3	88	75% (0.9 mm)
	1200			28	1007	W	4	3	0.9	3	87	73% (0.7 mm)
	1800			29	1006	SW	6	5	0.9	3	87	70% (0.2 mm)
29-10-24 (Tuesday)	0001	31	26	29	1008	SW	7	6	0.8	3	85	66% (0.6 mm)
	0600			28	1008	WNW	4	3	0.8	3	84	63% (0.5 mm)
	1200			28	1008	NNW	4	3	0.8	3	82	64% (0.6 mm)
	1800			29	1007	WSW	5	4	0.8	3	87	54% (0.4 mm)

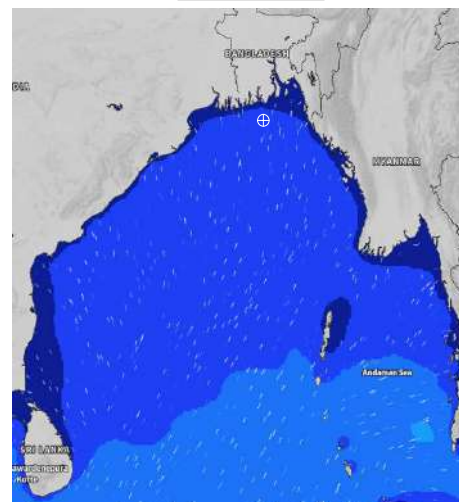
26 Oct 2024



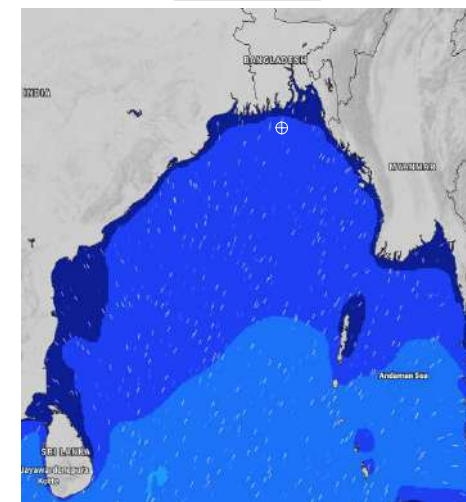
27 Oct 2024



28 Oct 2024



29 Oct 2024



Significant wave height (m)



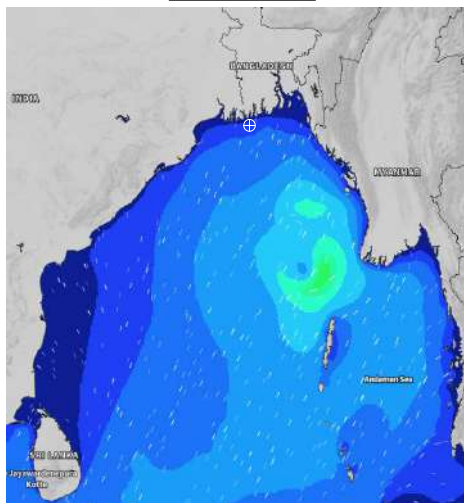
MARINE WEATHER FORECAST (22 to 29 Oct 2024)

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

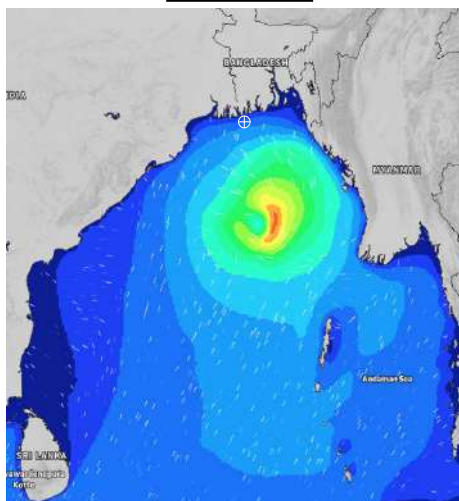


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Bar260 Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
22-10-24 (Tuesday)	0001	33	25	28	1010	N	10	9	0.9	3	90	10% (0.0 mm)
	0600			28	1010	NNE	11	10	1.1	3	96	17% (0.0 mm)
	1200			28	1010	NNE	9	8	1.1	3	63	16% (0.0 mm)
	1800			29	1009	ENE	6	5	1.1	3	77	23% (0.0 mm)
23-10-24 (Wednesday)	0001	29	25	28	1009	E	6	5	1.3	4	88	14% (0.0 mm)
	0600			27	1008	E	15	14	1.8	4	93	54% (0.5 mm)
	1200			27	1007	ENE	25	25	2.2	4	84	46% (0.4 mm)
	1800			27	1006	ENE	28	28	3.3	5	91	66% (0.6 mm)
24-10-24 (Thursday)	0001	27	25	29	1005	E	37	28	5.1	6	93	65% (0.6 mm)
	0600			28	1002	ESE	45	37	5.6	6	92	68% (0.7 mm)
	1200			28	1001	SE	47	47	6.0	6	88	77% (1.2 mm)
	1800			28	1002	SSE	41	45	5.5	6	88	78% (1.1 mm)
25-10-24 (Friday)	0001	28	24	29	1005	S	36	29	4.2	6	89	79% (1.2 mm)
	0600			29	1005	S	31	27	3.5	5	91	76% (1.3 mm)
	1200			29	1006	S	30	25	3.0	5	85	77% (1.2 mm)
	1800			29	1005	S	28	24	2.7	5	89	58% (0.5 mm)

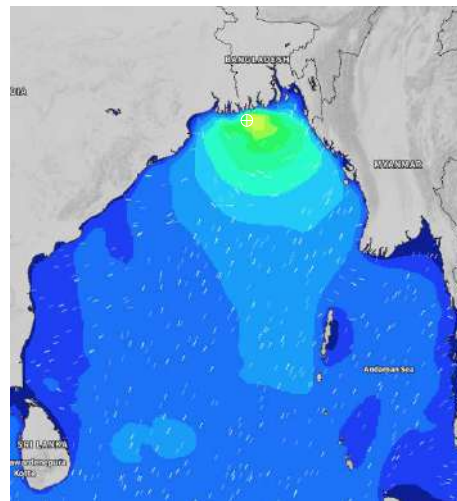
22 Oct 2024



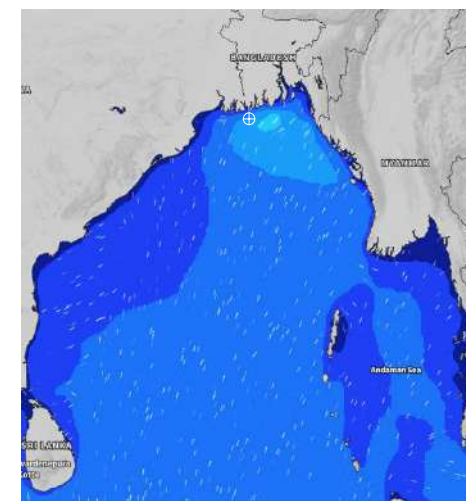
23 Oct 2024



24 Oct 2024



25 Oct 2024



Significant wave height (m)



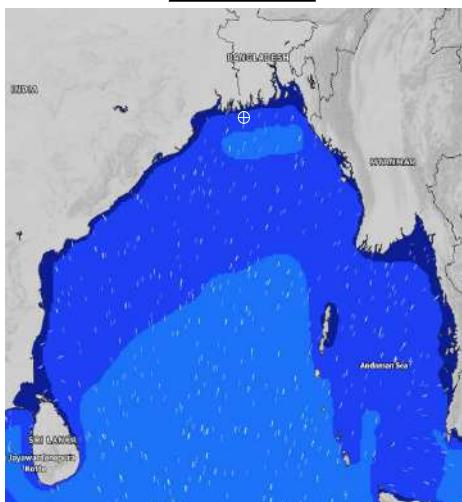
MARINE WEATHER FORECAST (22 to 29 Oct 2024)

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

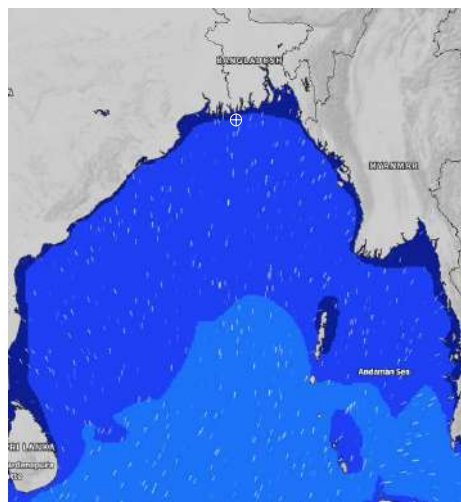


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
26-10-24 (Saturday)	0001	30	24	28	1005	SSW	27	24	2.6	5	91	60% (0.5 mm)
	0600			28	1004	SSW	27	22	2.5	5	93	71% (0.7 mm)
	1200			28	1005	SW	18	17	2.0	4	81	62% (0.6 mm)
	1800			28	1005	SW	16	15	1.6	4	89	62% (0.6 mm)
27-10-24 (Sunday)	0001	31	24	28	1006	SW	15	14	1.4	4	88	75% (0.7 mm)
	0600			27	1006	WSW	12	11	1.3	4	93	60% (0.5 mm)
	1200			28	1006	WSW	11	11	1.2	3	96	71% (0.7 mm)
	1800			28	1005	WSW	12	12	1.1	3	75	62% (0.6 mm)
28-10-24 (Monday)	0001	32	25	27	1007	WSW	7	6	1.0	3	87	62% (0.6 mm)
	0600			27	1007	SSW	4	4	1.0	3	93	75% (0.7 mm)
	1200			28	1007	ESE	4	3	0.9	3	79	73% (0.7 mm)
	1800			28	1006	SSW	8	7	0.9	3	86	62% (0.6 mm)
29-10-24 (Tuesday)	0001	32	25	29	1008	SW	9	8	0.8	3	89	62% (0.6 mm)
	0600			28	1008	SW	5	4	0.8	3	92	75% (0.7 mm)
	1200			28	1008	S	4	3	0.7	3	75	63% (0.6 mm)
	1800			29	1007	SSW	6	5	0.7	3	82	44% (0.4 mm)

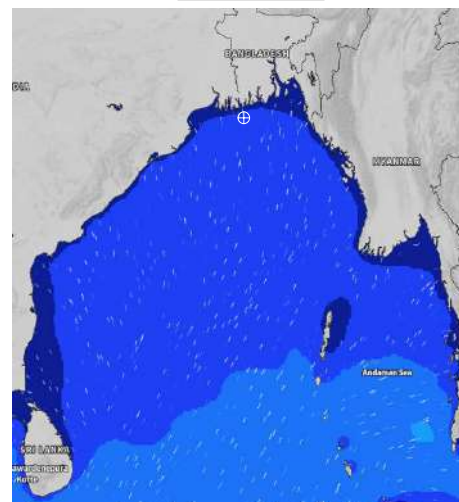
26 Oct 2024



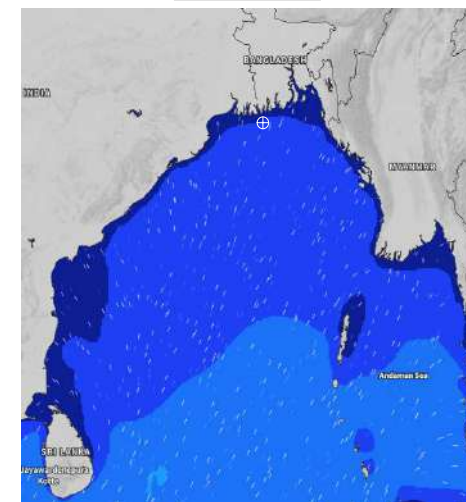
27 Oct 2024



28 Oct 2024



29 Oct 2024



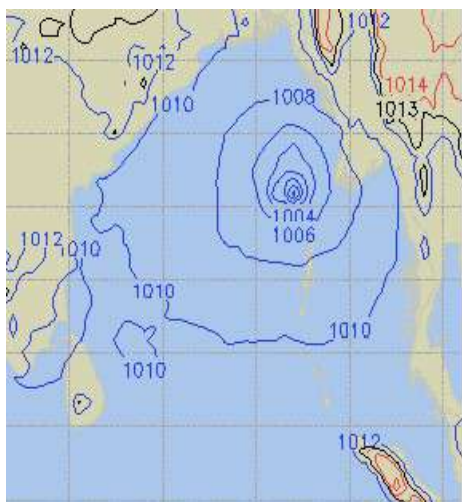
Significant wave height (m)



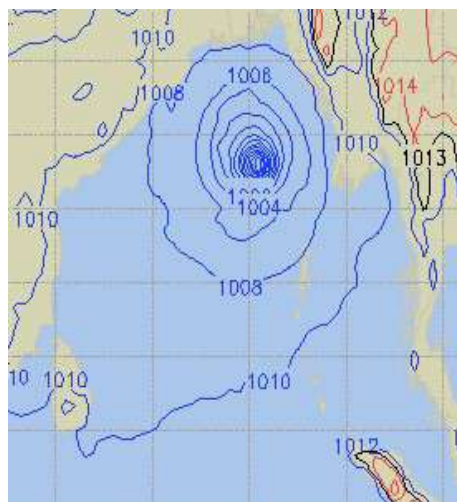
PREDICTED SURFACE PRESSURE FORECAST (22 to 28 Oct 2024)



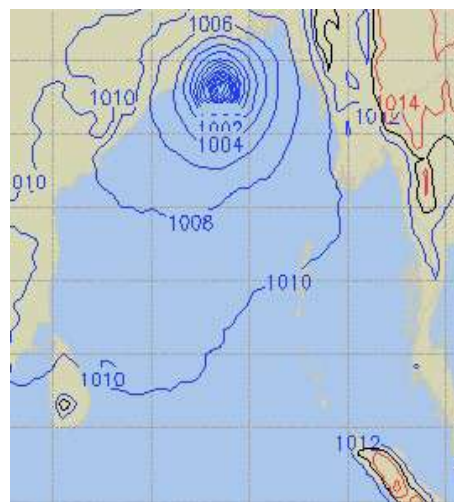
22 Oct 2024



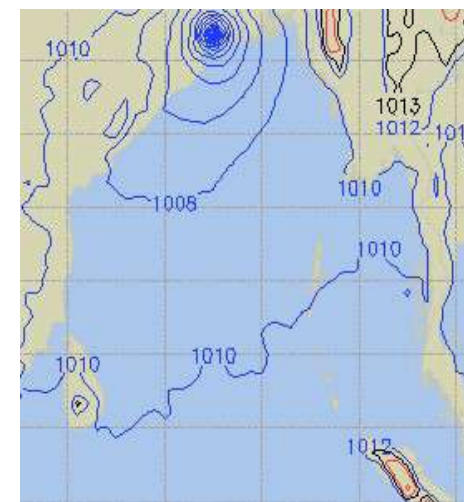
23 Oct 2024



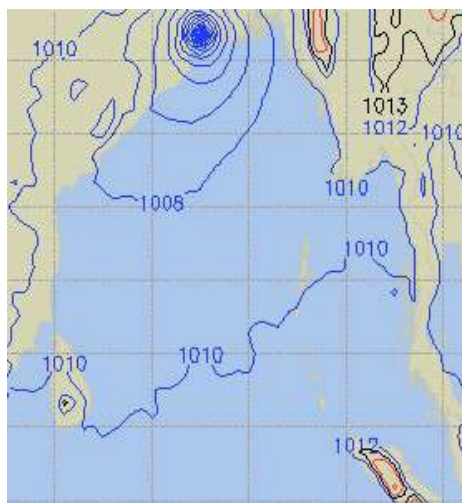
24 Oct 2024



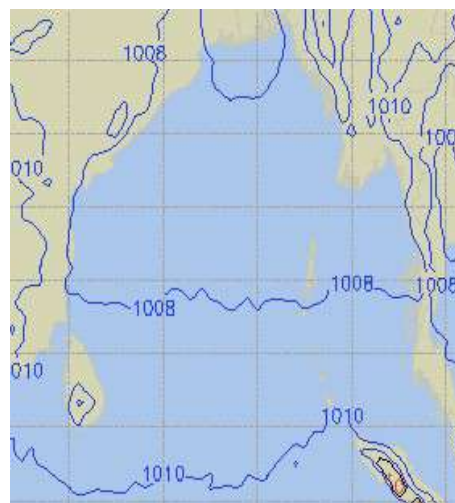
25 Oct 2024



26 Oct 2024



27 Oct 2024



28 Oct 2024

