



SUMMARY OF MARINE WEATHER FORECAST
COASTAL AREA OF BANGLADESH
DATE: 30 Sep to 07 Oct 2024



Fleet forecast	Trough of low lies over North Bay. Monsoon is moderate over North Bay.
Wind direction, speed	South/south-westerly 9 kts, (Temporary gusting up to 20 kts).
Wave height & sea state	Wave height: 0.1 to 1.4 m (Sea state:1 to 4).
Sea surface temperature	26°C - 30°C (May remain nearly unchanged).
Baro pressure	1003- 1011 mb
Rainfall	Light to moderate rain/thunder showers over Bay of Bengal & adjoining area.
Outlook for 30 Sep to 07 Oct 2024: Rainfall activity is likely to increase at the end of said period.	

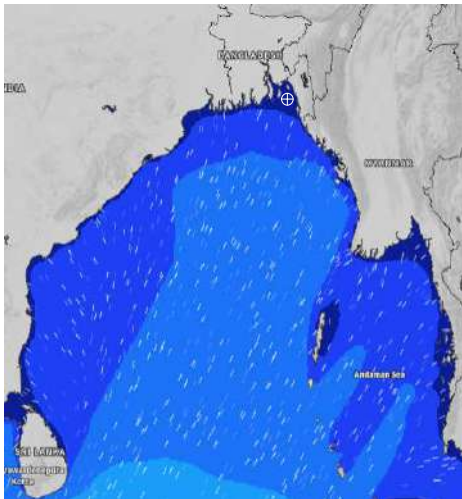


MARINE WEATHER FORECAST (30 Sep to 07 Oct 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

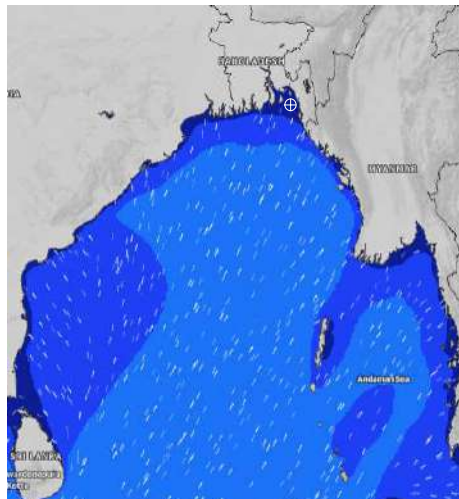


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
30-09-24 (Monday)	0001	31	27	29	1009	WSW	4	3	0.1	1	92	45% (0.2 mm)
	0600			27	1009	E	4	3	0.1	1	94	24% (0.0 mm)
	1200			29	1005	WSW	7	6	0.1	1	78	12% (0.0 mm)
	1800			29	1008	SW	5	4	0.1	1	84	10% (0.0 mm)
01-10-24 (Tuesday)	0001	30	26	28	1006	S	4	3	0.1	1	92	12% (0.0 mm)
	0600			28	1005	E	6	5	0.1	1	94	24% (0.0 mm)
	1200			30	1005	SW	6	5	0.1	1	79	24% (0.0 mm)
	1800			30	1003	SSW	6	5	0.1	1	86	10% (0.0 mm)
02-10-24 (Wednesday)	0001	29	26	29	1004	SSW	7	6	0.1	1	93	40% (0.3 mm)
	0600			26	1005	SSE	10	8	0.1	1	94	32% (0.2 mm)
	1200			26	1005	S	13	12	0.3	2	79	48% (0.4 mm)
	1800			26	1005	SSE	15	14	0.3	2	89	35% (0.2 mm)
03-10-24 (Thursday)	0001	29	26	26	1007	SSE	15	13	0.3	2	94	71% (0.7 mm)
	0600			25	1006	SSE	20	16	0.4	2	95	77% (0.6 mm)
	1200			26	1007	SSE	11	10	0.2	2	84	80% (1.0 mm)
	1800			27	1007	S	12	11	0.3	2	87	66% (0.6 mm)

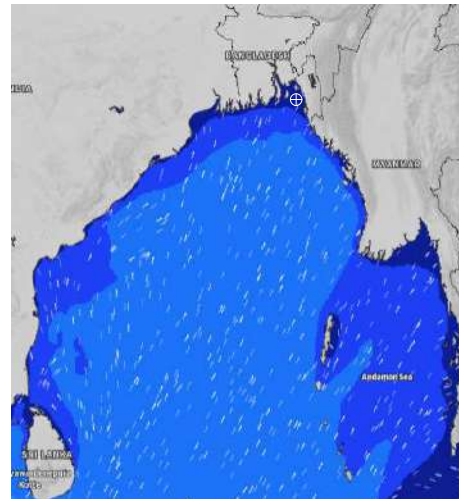
30 Sep 2024



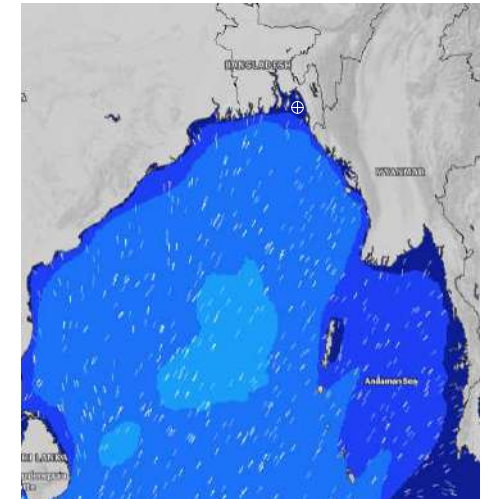
01 Oct 2024



02 Oct 2024



03 Oct 2024



Significant wave height (m)



MARINE WEATHER FORECAST (30 Sep to 07 Oct 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

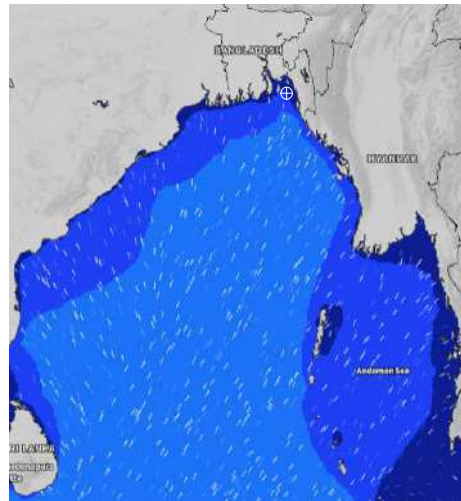


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
04-10-24 (Friday)	0001	29	25	26	1007	SE	13	10	0.2	2	93	71% (0.7 mm)
	0600			27	1010	SE	15	12	0.3	2	95	70% (0.9 mm)
	1200			28	1006	S	14	12	0.3	2	83	58% (0.6 mm)
	1800			28	1009	S	16	13	0.3	2	85	45% (0.4 mm)
05-10-24 (Saturday)	0001	29	25	27	1008	SE	17	13	0.3	2	92	40% (0.3 mm)
	0600			26	1008	SE	18	12	0.3	2	94	53% (0.5 mm)
	1200			28	1008	SSW	13	12	0.3	2	84	56% (0.5 mm)
	1800			28	1006	S	14	12	0.3	2	86	74% (0.8 mm)
06-10-24 (Sunday)	0001	30	25	27	1008	SE	15	12	0.3	2	93	68% (0.7 mm)
	0600			26	1008	SE	13	11	0.3	2	92	40% (0.2 mm)
	1200			28	1009	SSW	10	9	0.2	2	85	66% (0.5 mm)
	1800			29	1008	SSE	11	9	0.2	2	88	45% (0.4 mm)
07-10-24 (Monday)	0001	30	25	27	1010	SE	14	11	0.3	2	92	68% (0.7 mm)
	0600			26	1010	SE	17	14	0.3	2	92	68% (0.6 mm)
	1200			26	1011	SSW	13	11	0.3	2	82	71% (0.9 mm)
	1800			27	1010	SE	12	10	0.2	2	87	50% (0.5 mm)

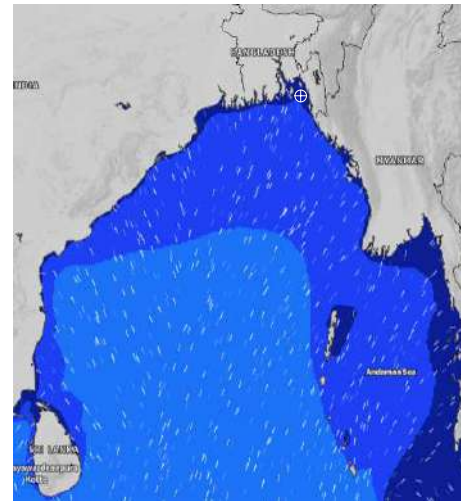
04 Oct 2024



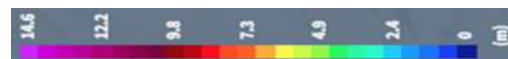
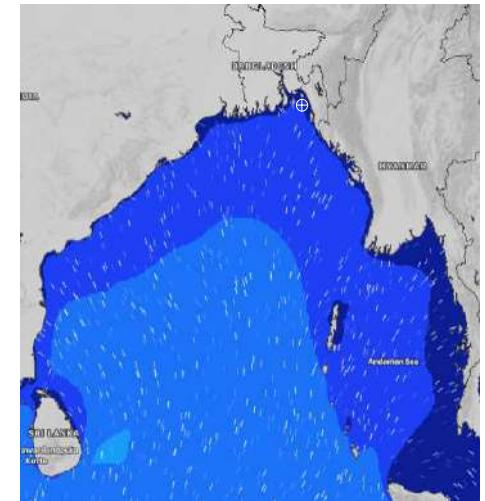
05 Oct 2024



06 Oct 2024



07 Oct 2024



Significant wave height (m)

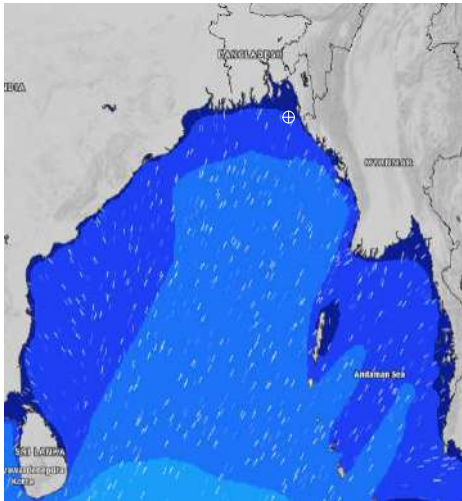


MARINE WEATHER FORECAST (30 Sep to 07 Oct 2024) 20 NM WEST OF ELEPHANT POINT (21° 10' N, 091° 42' E)

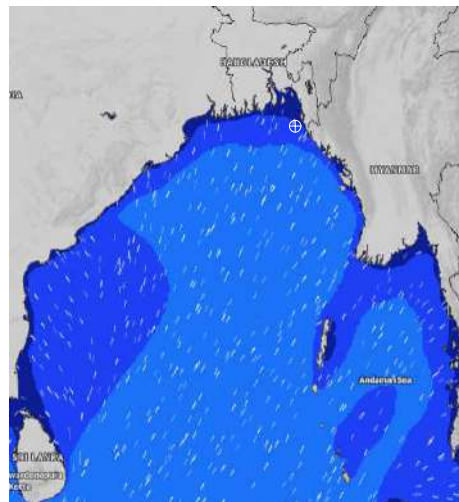


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
30-09-24 (Monday)	0001	31	27	29	1009	WNW	9	8	0.7	3	93	17% (0.0 mm)
	0600			29	1009	NW	9	8	0.7	3	94	15% (0.0 mm)
	1200			29	1008	WNW	8	7	0.8	3	78	15% (0.0 mm)
	1800			29	1005	W	8	7	0.8	3	85	10% (0.0 mm)
01-10-24 (Tuesday)	0001	30	26	29	1006	W	6	5	0.9	3	91	10% (0.0 mm)
	0600			29	1005	WNW	6	5	0.8	3	93	34% (0.2 mm)
	1200			30	1005	W	8	7	0.8	3	82	55% (0.7 mm)
	1800			30	1003	W	9	8	0.9	3	87	10% (0.0 mm)
02-10-24 (Wednesday)	0001	28	26	29	1004	WSW	8	7	0.9	3	91	18% (0.0 mm)
	0600			28	1005	SW	6	5	0.9	3	92	55% (0.6 mm)
	1200			26	1006	S	5	4	0.9	3	86	66% (0.7 mm)
	1800			26	1005	SE	10	8	0.9	3	90	10% (0.0 mm)
03-10-24 (Thursday)	0001	28	26	27	1007	SE	18	16	1.0	3	92	54% (0.5 mm)
	0600			27	1005	SE	15	15	1.2	3	93	76% (0.7 mm)
	1200			27	1007	SSW	9	6	1.2	3	87	86% (1.1 mm)
	1800			28	1007	SE	13	12	1.1	3	90	45% (0.3 mm)

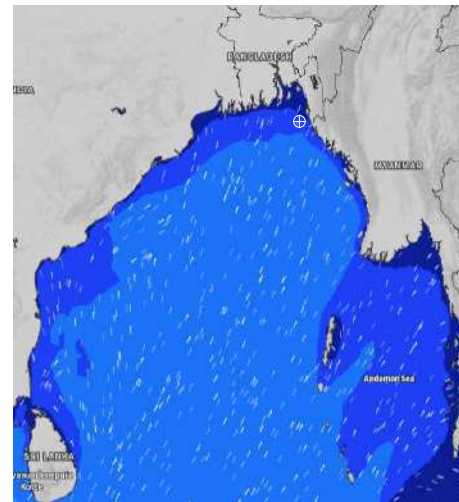
30 Sep 2024



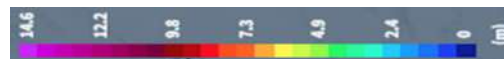
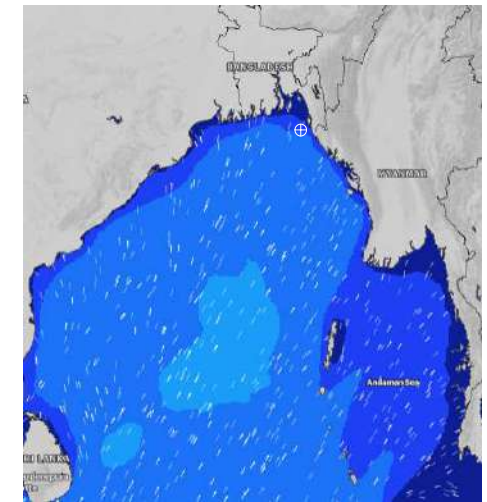
01 Oct 2024



02 Oct 2024



03 Oct 2024



Significant wave height (m)

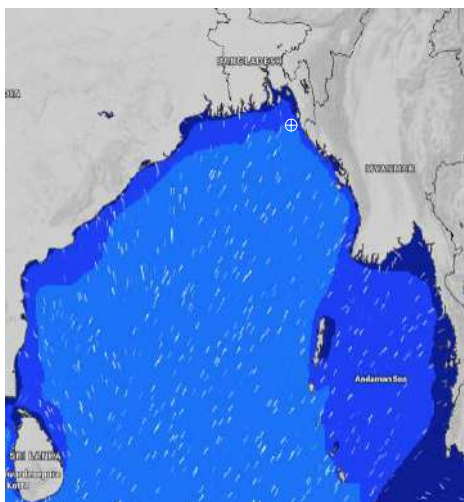


MARINE WEATHER FORECAST (30 Sep to 07 Oct 2024) 20 NM WEST OF ELEPHANT POINT (21° 10'N, 091° 42'E)

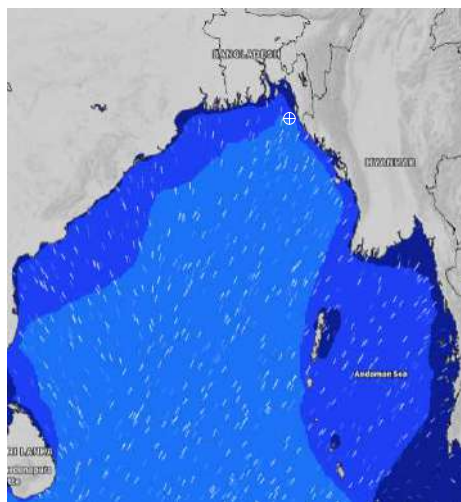


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
04-10-24 (Friday)	0001	29	26	28	1008	SE	15	15	1.2	3	92	71% (0.7 mm)
	0600			28	1008	SE	17	16	1.2	3	94	73% (0.8 mm)
	1200			28	1008	SSE	19	18	1.3	4	87	71% (0.5 mm)
	1800			29	1007	SSE	14	13	1.1	3	90	50% (0.5 mm)
05-10-24 (Saturday)	0001	29	26	29	1008	SSE	14	14	1.1	3	92	68% (0.7 mm)
	0600			28	1008	SE	19	18	1.2	3	93	68% (0.7 mm)
	1200			28	1008	SSE	17	16	1.3	4	84	78% (0.5 mm)
	1800			29	1007	S	10	9	1.0	3	87	54% (0.4 mm)
06-10-24 (Sunday)	0001	30	26	29	1008	SSE	10	9	0.9	3	91	68% (0.7 mm)
	0600			28	1008	SE	13	12	0.9	3	94	69% (0.2 mm)
	1200			28	1009	SSE	14	13	0.9	3	86	78% (0.5 mm)
	1800			29	1008	SSE	13	12	0.9	3	90	50% (0.4 mm)
07-10-24 (Monday)	0001	30	26	28	1009	SE	14	13	0.9	3	91	80% (1.7 mm)
	0600			27	1010	SE	14	13	1.0	3	94	68% (0.2 mm)
	1200			26	1011	SSW	14	12	0.8	3	86	71% (0.5 mm)
	1800			27	1010	SE	12	11	0.8	3	90	50% (0.4 mm)

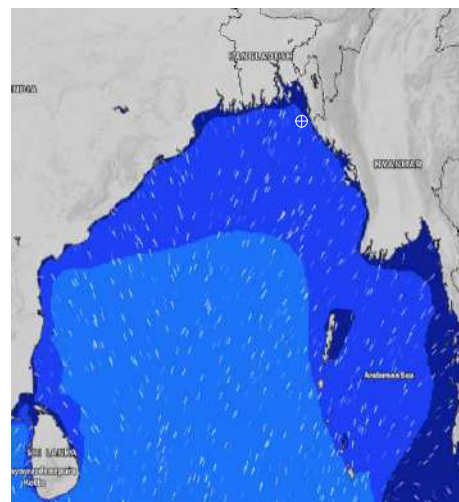
04 Oct 2024



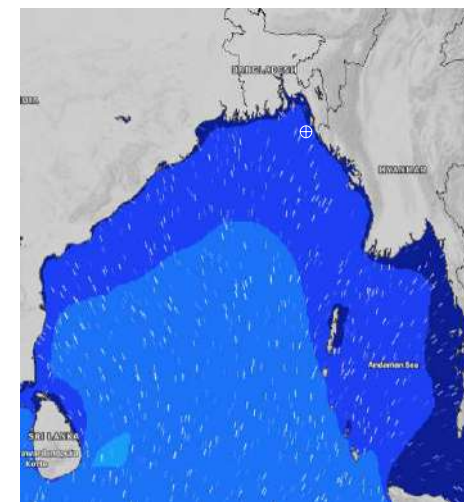
05 Oct 2024



06 Oct 2024



07 Oct 2024



Significant wave height (m)

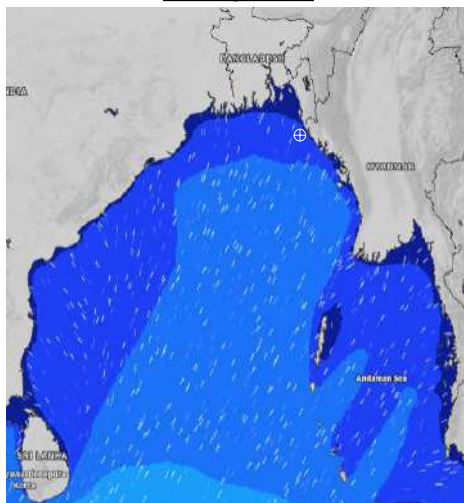


MARINE WEATHER FORECAST (30 Sep to 07 Oct 2024)
15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37'N, 092° 03'E)



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				
30-09-24 (Monday)	0001	31	27	29	1009	WNW	12	11	0.9	3	92	16% (0.0 mm)
	0600			29	1008	WNW	11	10	0.9	3	93	15% (0.0 mm)
	1200			29	1009	WNW	11	10	1.0	3	79	16% (0.0 mm)
	1800			29	1005	WNW	12	11	1.1	3	85	10% (0.0 mm)
01-10-24 (Tuesday)	0001	30	26	29	1007	WNW	9	8	1.2	3	91	11% (0.0 mm)
	0600			29	1005	WNW	10	9	1.1	3	91	11% (0.0 mm)
	1200			30	1006	W	9	8	1.1	3	81	52% (0.6 mm)
	1800			29	1004	WNW	11	9	1.2	3	87	10% (0.0 mm)
02-10-24 (Wednesday)	0001	28	26	29	1006	W	8	7	1.2	3	90	21% (0.0 mm)
	0600			28	1005	SW	7	6	1.2	3	92	63% (0.6 mm)
	1200			27	1007	SW	4	3	1.2	3	86	59% (0.4 mm)
	1800			28	1005	NE	4	3	1.2	3	90	19% (0.0 mm)
03-10-24 (Thursday)	0001	28	26	27	1008	SSW	8	7	1.2	3	91	68% (0.7 mm)
	0600			26	1006	SW	19	16	1.4	4	92	68% (0.2 mm)
	1200			28	1008	SSE	5	4	1.2	3	87	71% (0.5 mm)
	1800			28	1006	S	9	8	1.2	3	90	50% (0.4 mm)

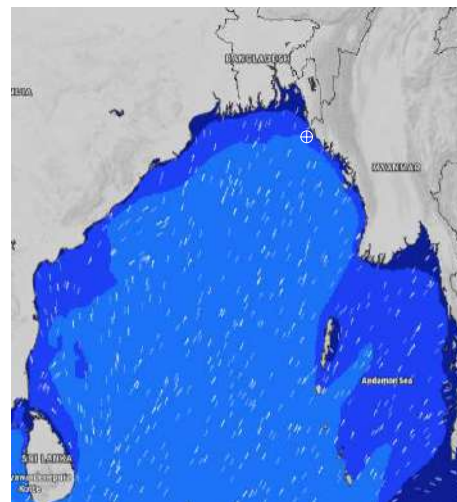
30 Sep 2024



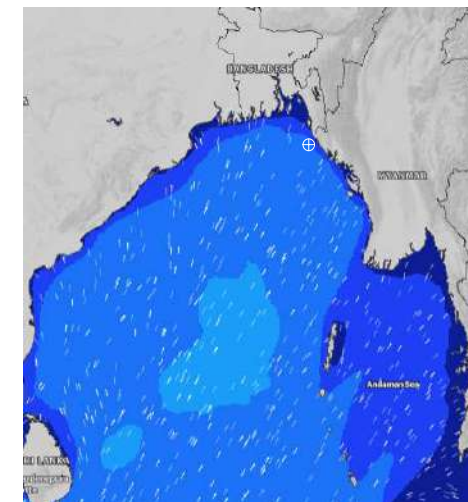
01 Oct 2024



02 Oct 2024



03 Oct 2024



Significant wave height (m)

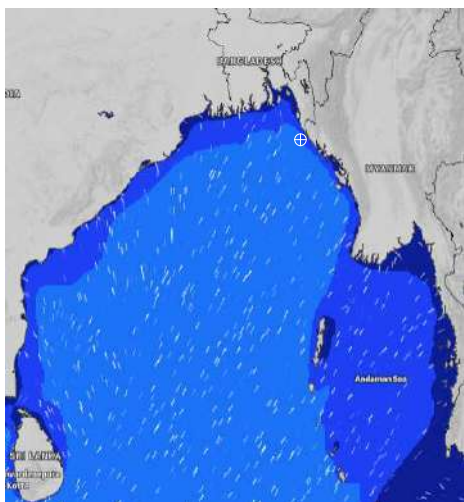


MARINE WEATHER FORECAST (30 Sep to 07 Oct 2024)
15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37'N, 092° 03'E)

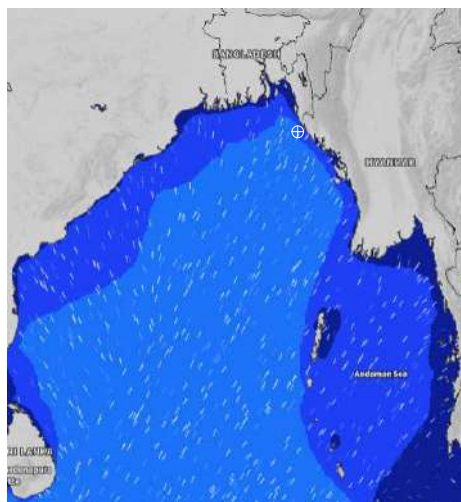


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
04-10-24 (Friday)	0001	28	26	29	1009	SSE	9	8	1.3	4	92	72% (0.7 mm)
	0600			29	1007	SE	12	11	1.3	4	94	66% (0.6 mm)
	1200			29	1009	SE	15	14	1.3	4	90	58% (0.4 mm)
	1800			29	1007	S	11	10	1.2	3	92	45% (0.4 mm)
05-10-24 (Saturday)	0001	28	26	29	1009	S	13	12	1.2	3	92	77% (0.9 mm)
	0600			28	1007	SE	12	11	1.3	4	94	69% (0.7 mm)
	1200			28	1010	SE	14	13	1.3	4	89	74% (0.6 mm)
	1800			29	1006	E	9	8	1.2	3	90	66% (0.6 mm)
06-10-24 (Sunday)	0001	29	26	29	1009	S	9	8	1.1	3	92	73% (0.7 mm)
	0600			28	1007	SE	9	8	1.1	3	93	66% (0.6 mm)
	1200			28	1010	ESE	13	12	1.0	3	87	40% (0.4 mm)
	1800			29	1007	SE	11	10	0.9	3	89	36% (0.2 mm)
07-10-24 (Monday)	0001	30	26	29	1010	S	11	10	1.0	3	92	73% (1.2 mm)
	0600			28	1009	SE	13	12	1.0	3	93	74% (0.6 mm)
	1200			27	1013	ESE	12	11	0.9	3	86	66% (0.4 mm)
	1800			27	1009	SE	9	8	0.8	3	90	73% (1.0 mm)

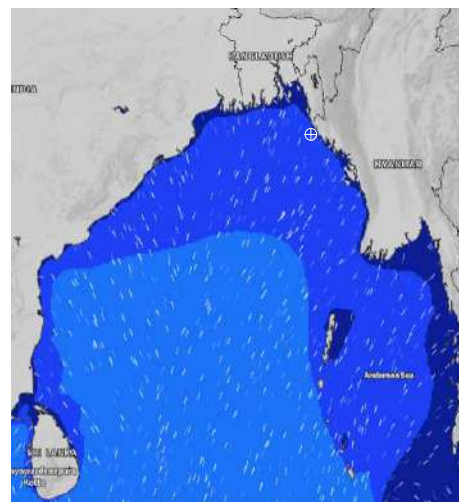
04 Oct 2024



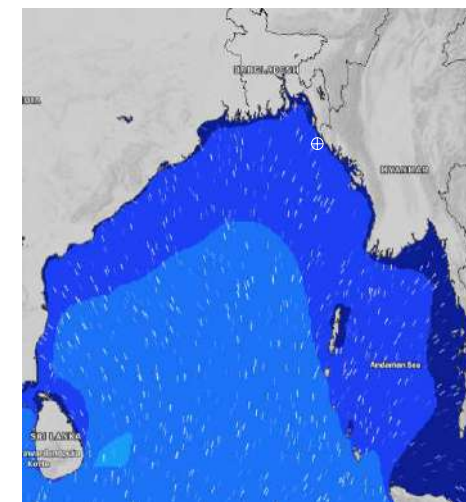
05 Oct 2024



06 Oct 2024



07 Oct 2024



Significant wave height (m)

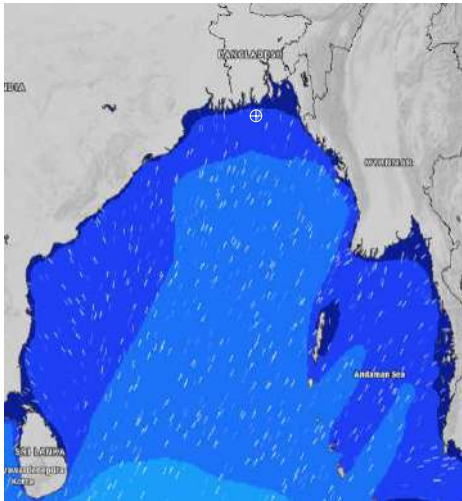


MARINE WEATHER FORECAST (30 Sep to 07 Oct 2024) 40 NM ESE OF PAYRA FAIRWAY (21° 07' N, 090° 45' E)

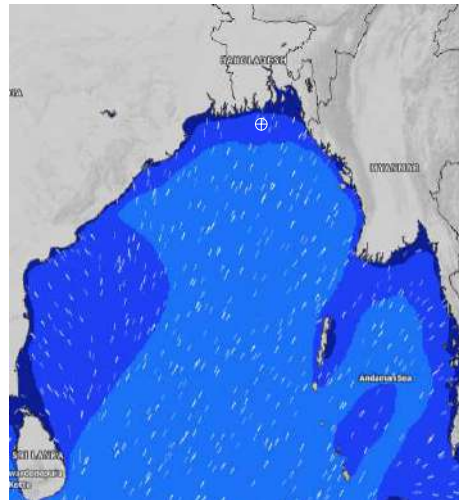


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
30-09-24 (Monday)	0001	32	28	29	1009	W	10	9	0.9	3	90	10% (0.0 mm)
	0600			29	1009	W	9	8	1.0	3	91	13% (0.0 mm)
	1200			30	1008	W	9	8	1.0	3	79	11% (0.0 mm)
	1800			30	1005	WSW	10	9	1.1	3	84	10% (0.0 mm)
01-10-24 (Tuesday)	0001	31	27	29	1006	WSW	10	9	1.2	3	90	10% (0.0 mm)
	0600			29	1005	W	9	8	1.1	3	92	24% (0.0 mm)
	1200			30	1005	WNW	11	10	1.1	3	79	58% (0.5 mm)
	1800			30	1004	WSW	11	10	1.1	3	86	10% (0.0 mm)
02-10-24 (Wednesday)	0001	30	27	29	1004	WSW	12	11	1.2	3	90	11% (0.0 mm)
	0600			29	1005	WSW	9	8	1.3	4	92	24% (0.0 mm)
	1200			28	1006	S	11	10	1.2	3	80	24% (0.0 mm)
	1800			27	1005	SSW	12	11	1.2	3	88	62% (0.6 mm)
03-10-24 (Thursday)	0001	30	27	28	1006	SW	11	10	1.3	4	92	34% (0.2 mm)
	0600			27	1006	S	8	7	1.2	3	92	49% (0.4 mm)
	1200			27	1007	SW	6	5	1.2	3	81	71% (0.7 mm)
	1800			28	1006	ESE	5	4	1.2	3	86	47% (0.4 mm)

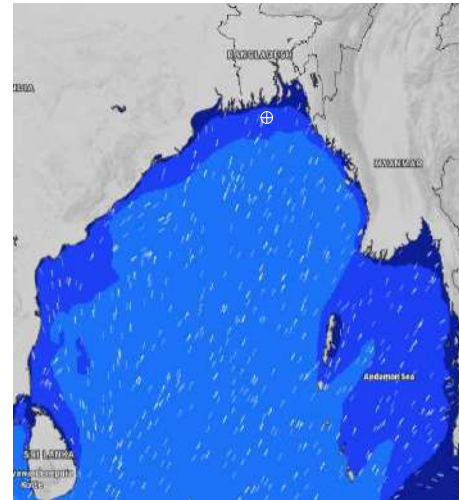
30 Sep 2024



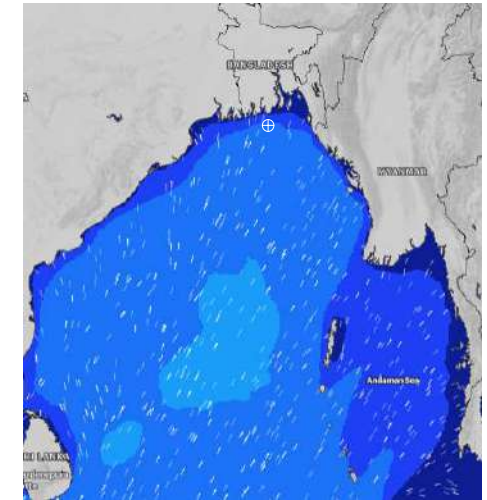
01 Oct 2024



02 Oct 2024



03 Oct 2024



Significant wave height (m)



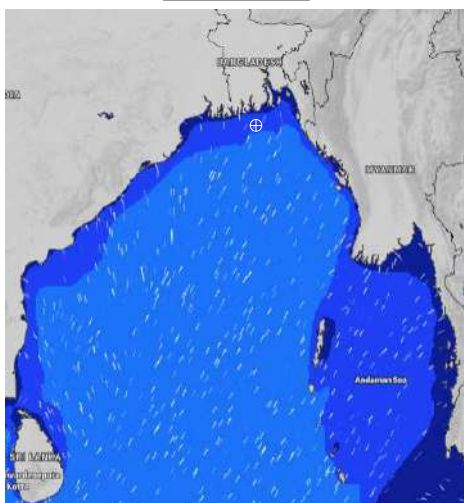
MARINE WEATHER FORECAST (30 Sep to 07 Oct 2024)

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

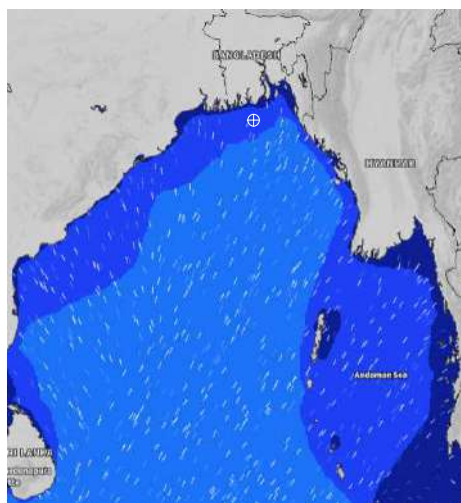


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
04-10-24 (Friday)	0001	30	27	29	1006	SSE	9	8	1.3	4	91	74% (0.9 mm)
	0600			29	1009	SSE	13	12	1.3	4	91	66% (0.6 mm)
	1200			29	1006	SSE	13	12	1.2	3	82	73% (0.7 mm)
	1800			29	1008	S	12	11	1.3	4	86	74% (0.6 mm)
05-10-24 (Saturday)	0001	30	27	29	1007	S	12	11	1.3	4	90	60% (0.6 mm)
	0600			29	1007	SSW	6	5	1.2	3	91	55% (0.5 mm)
	1200			29	1007	S	8	7	1.2	3	85	57% (0.5 mm)
	1800			29	1006	SSW	8	7	1.1	3	88	47% (0.3 mm)
06-10-24 (Sunday)	0001	30	27	29	1008	S	9	8	1.1	3	90	59% (0.5 mm)
	0600			29	1008	SSE	10	9	1.1	3	94	50% (0.5 mm)
	1200			29	1008	SSE	11	10	1.0	3	85	71% (1.1 mm)
	1800			29	1008	SSE	10	9	0.9	3	85	74% (0.9 mm)
07-10-24 (Monday)	0001	30	27	29	1009	SSW	11	10	0.9	3	90	66% (0.4 mm)
	0600			28	1010	S	8	7	0.9	3	94	80% (1.2 mm)
	1200			28	1011	SSE	15	14	1.1	3	85	74% (0.6 mm)
	1800			28	1010	SSE	13	12	1.1	3	85	66% (0.4 mm)

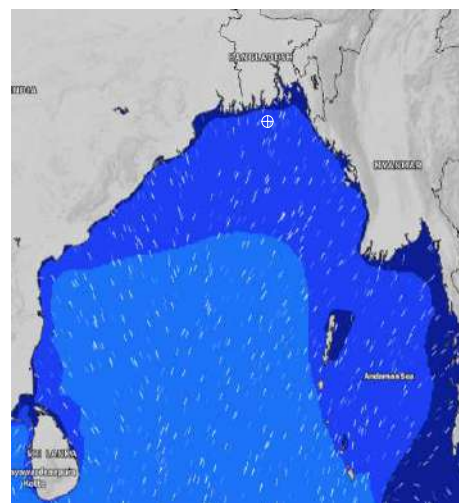
04 Oct 2024



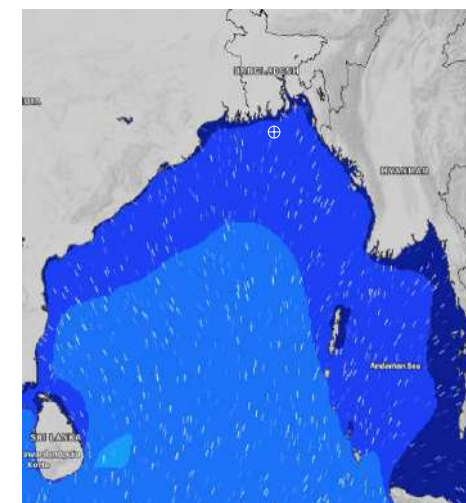
05 Oct 2024



06 Oct 2024



07 Oct 2024



Significant wave height (m)

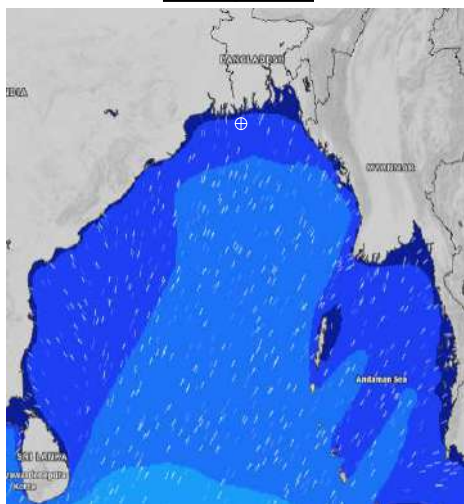


MARINE WEATHER FORECAST (30 Sep to 07 Oct 2024) 10 NM SOUTH OF MONGLA FAIRWAY (21° 16' N, 089° 34' E)

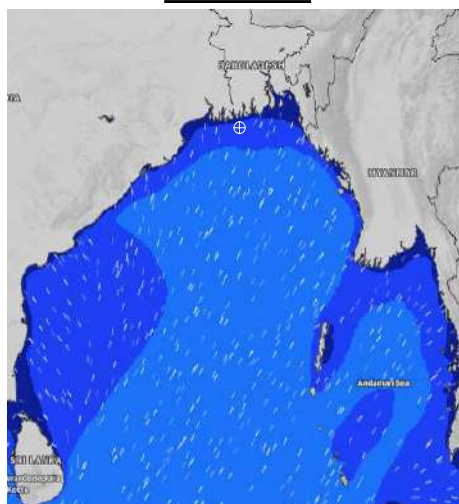


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
30-09-24 (Monday)	0001	34	28	29	1009	WSW	12	11	0.9	3	94	20% (0.0 mm)
	0600			30	1009	W	7	6	0.9	3	96	18% (0.0 mm)
	1200			30	1008	W	8	7	0.9	3	78	57% (0.5 mm)
	1800			30	1005	SW	11	10	1.0	3	87	10% (0.0 mm)
01-10-24 (Tuesday)	0001	33	27	30	1006	WSW	11	10	1.0	3	94	10% (0.0 mm)
	0600			30	1005	WSW	10	9	0.9	3	96	24% (0.0 mm)
	1200			30	1005	W	11	10	1.0	3	74	55% (0.4 mm)
	1800			30	1004	WSW	10	9	1.0	3	86	13% (0.0 mm)
02-10-24 (Wednesday)	0001	31	27	30	1004	WSW	13	12	1.1	3	94	14% (0.0 mm)
	0600			30	1004	WSW	13	12	1.1	3	96	21% (0.0 mm)
	1200			29	1005	WSW	9	8	1.0	3	74	46% (0.4 mm)
	1800			29	1004	SW	12	11	1.0	3	86	20% (0.7 mm)
03-10-24 (Thursday)	0001	31	26	30	1005	WSW	13	11	1.1	3	94	22% (0.0 mm)
	0600			29	1005	WSW	11	10	1.1	3	94	51% (0.4 mm)
	1200			27	1007	S	17	16	1.3	4	77	60% (0.5 mm)
	1800			29	1005	SSE	8	7	1.3	4	86	33% (0.2 mm)

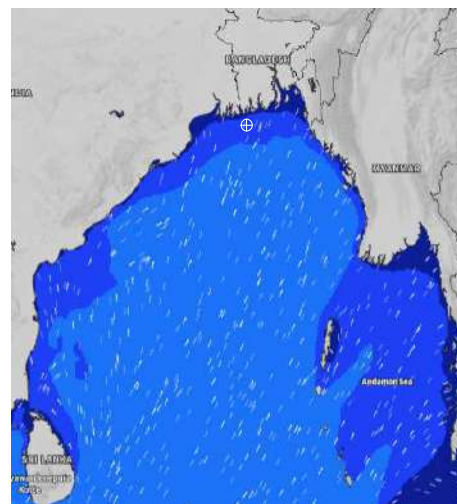
30 Sep 2024



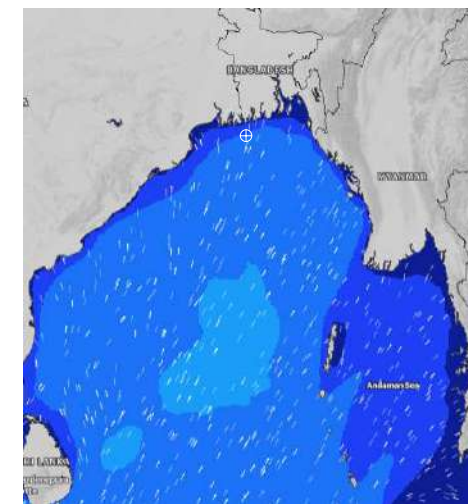
01 Oct 2024



02 Oct 2024



03 Oct 2024



Significant wave height (m)

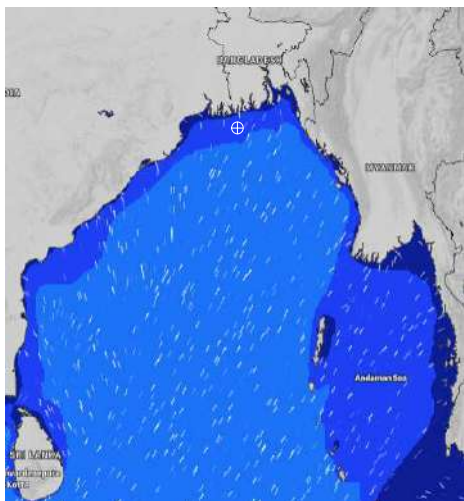


MARINE WEATHER FORECAST (30 Sep to 07 Oct 2024) 10 NM SOUTH OF MONGLA FAIRWAY (21° 16' N, 089° 34' E)

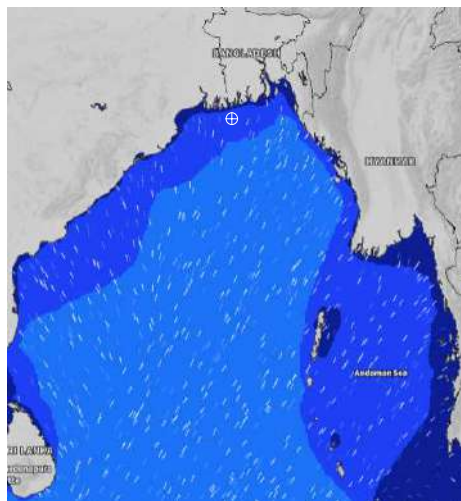


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
04-10-24 (Friday)	0001	31	26	29	1007	SSE	13	12	1.2	3	92	78% (0.7 mm)
	0600			29	1006	S	11	10	1.1	3	94	71% (0.7 mm)
	1200			29	1007	S	10	9	1.1	3	80	74% (0.6 mm)
	1800			30	1006	S	8	7	1.1	3	86	66% (0.6 mm)
05-10-24 (Saturday)	0001	31	26	29	1007	SSW	8	7	1.1	3	92	73% (0.7 mm)
	0600			29	1007	SSW	6	5	1.1	3	93	66% (0.6 mm)
	1200			29	1007	SSW	5	4	1.1	3	81	40% (0.4 mm)
	1800			30	1006	SW	8	7	1.1	3	87	36% (0.2 mm)
06-10-24 (Sunday)	0001	32	26	29	1007	S	11	10	1.0	3	92	73% (0.7 mm)
	0600			29	1007	S	9	8	1.0	3	94	74% (0.6 mm)
	1200			29	1008	S	9	8	0.9	3	81	66% (0.4 mm)
	1800			29	1007	SW	11	10	1.1	3	86	73% (0.7 mm)
07-10-24 (Monday)	0001	31	26	29	1009	SSW	11	10	0.9	3	90	77% (0.7 mm)
	0600			29	1009	S	10	9	0.9	3	91	69% (0.7 mm)
	1200			29	1010	SSE	9	9	0.9	3	83	58% (0.5 mm)
	1800			29	1009	S	12	11	0.9	3	86	32% (0.2 mm)

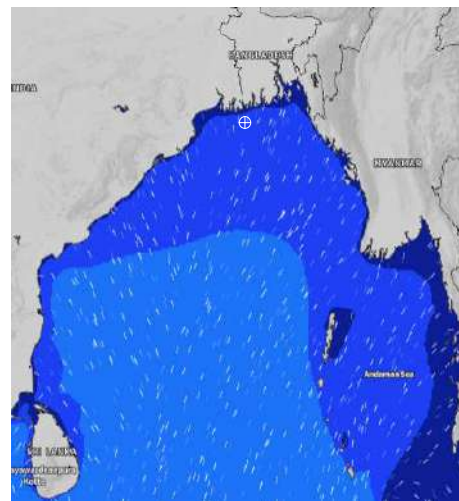
04 Oct 2024



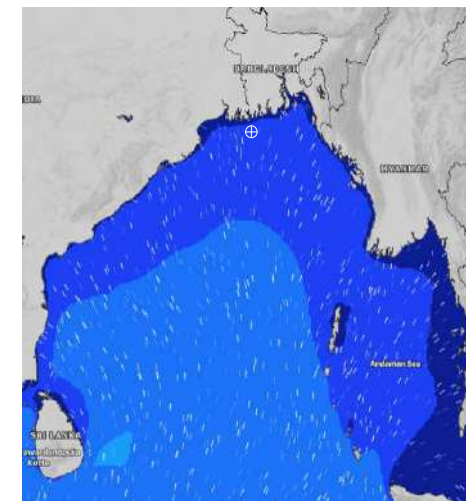
05 Oct 2024



06 Oct 2024



07 Oct 2024



Significant wave height (m)



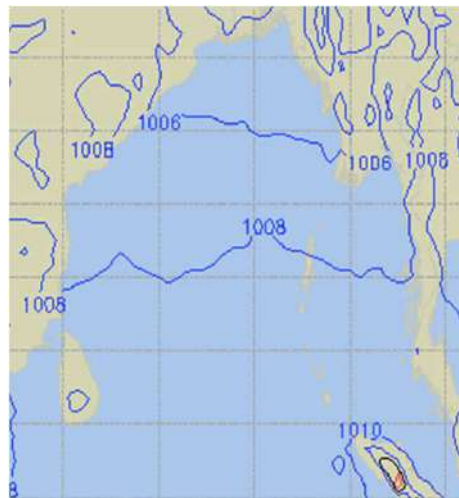
PREDICTED SURFACE PRESSURE FORECAST (30 Sep to 06 Oct 2024)



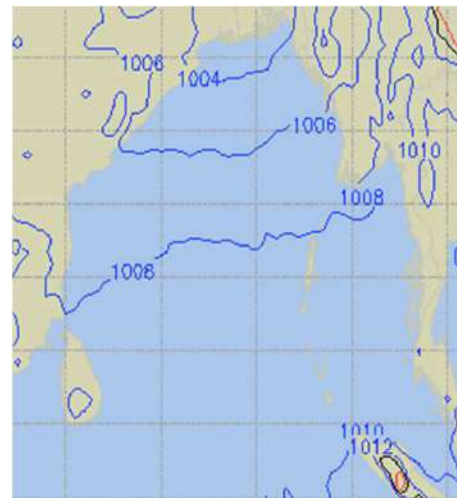
30 Sep 2024



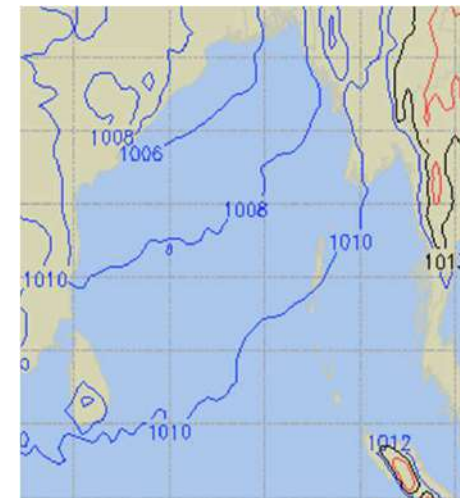
01 Oct 2024



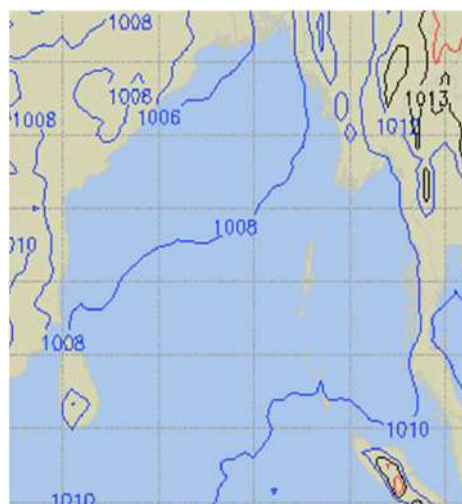
02 Oct 2024



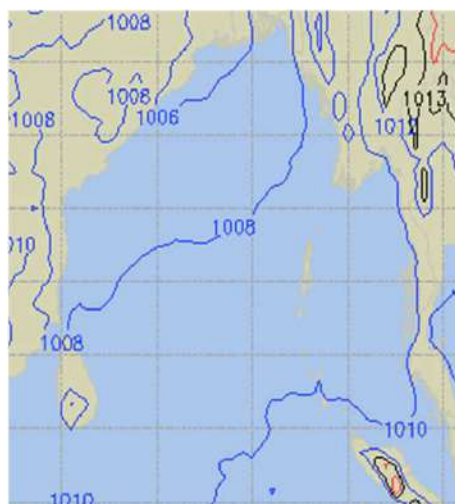
03 Oct 2024



04 Oct 2024



05 Oct 2024



06 Oct 2024

