



SUMMARY OF MARINE WEATHER FORECAST
COASTAL AREA OF BANGLADESH
DATE: 22-29 SEP 2024



Fleet forecast	Trough of low lies over North Bay. Monsoon is moderate over North Bay. A low pressure area is likely to form over North Bay and adjoining area around 23 rd September.
Wind direction, speed	South/south-easterly 12 kts, (Temporary gusting up to 25 kts).
Wave height & sea state	Wave height: 0.1 to 2.3 m (Sea state:1 to 4).
Sea surface temperature	27°C - 30°C (May remain nearly unchanged).
Baro pressure	1001- 1012 mb
Rainfall	Light to moderate rain/thunder showers over Bay of Bengal & adjoining area.
Outlook for 22 to 29 Sep 2024: Rainfall activity is likely to increase at the end of said period.	

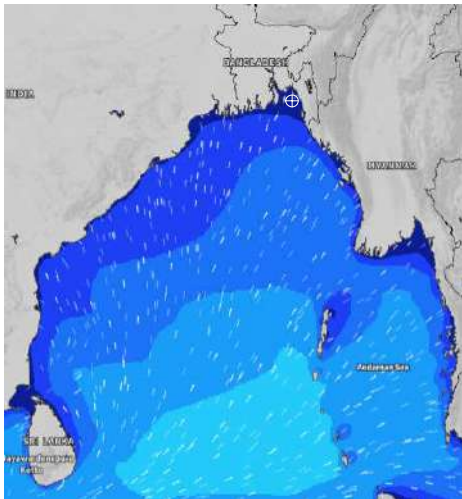


MARINE WEATHER FORECAST (22-29 Sep 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

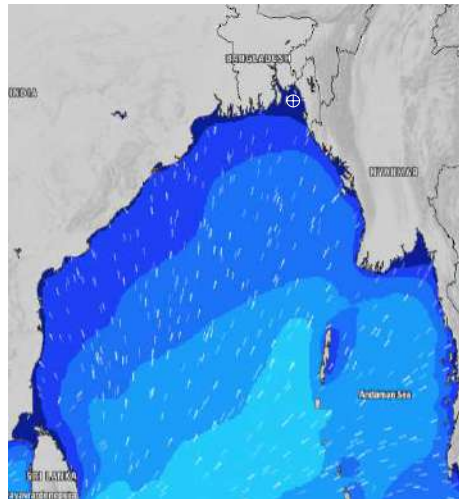


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
22-09-24 (Sunday)	0001	32	27	28	1004	WNW	3	2	0.1	1	90	24% (0.0 mm)
	0600			27	1004	ESE	7	6	0.1	1	93	23% (0.0 mm)
	1200			29	1003	SW	7	6	0.1	1	77	10% (0.0 mm)
	1800			29	1001	SSW	10	8	0.1	1	88	10% (0.0 mm)
23-09-24 (Monday)	0001	31	26	29	1004	S	11	9	0.1	1	90	43% (0.4 mm)
	0600			28	1005	ESE	11	10	0.2	2	92	57% (1.5 mm)
	1200			28	1004	SW	6	5	0.1	1	83	35% (0.2 mm)
	1800			29	1002	WSW	8	7	0.1	1	87	16% (0.0 mm)
24-09-24 (Tuesday)	0001	31	26	28	1005	SSE	21	14	0.3	2	91	34% (0.2 mm)
	0600			27	1005	SE	13	8	0.2	2	92	12% (0.0 mm)
	1200			28	1004	SW	10	5	0.2	2	74	60% (0.6 mm)
	1800			29	1003	SW	21	16	0.4	2	85	42% (0.3 mm)
25-09-24 (Wednesday)	0001	29	26	28	1006	SSE	20	13	0.3	2	89	37% (0.6 mm)
	0600			28	1006	SSE	18	11	0.3	2	90	78% (0.9 mm)
	1200			28	1006	WSW	13	10	0.2	2	84	82% (1.5 mm)
	1800			29	1005	SW	20	16	0.4	2	89	72% (1.4 mm)

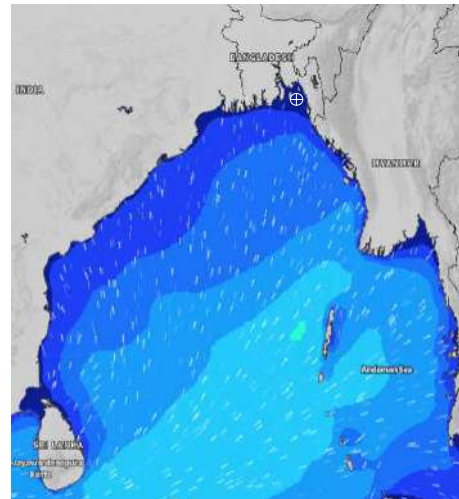
22 Sep 2024



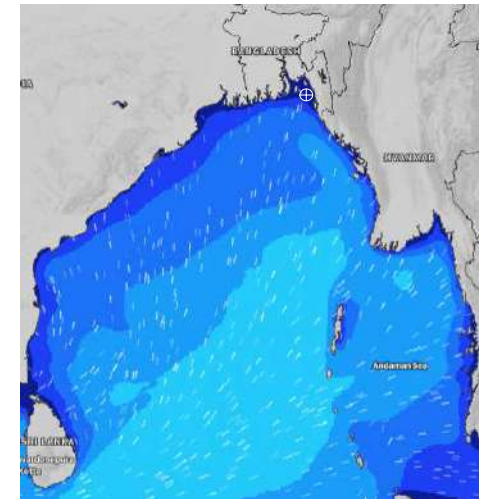
23 Sep 2024



24 Sep 2024



25 Sep 2024



Significant wave height (m)

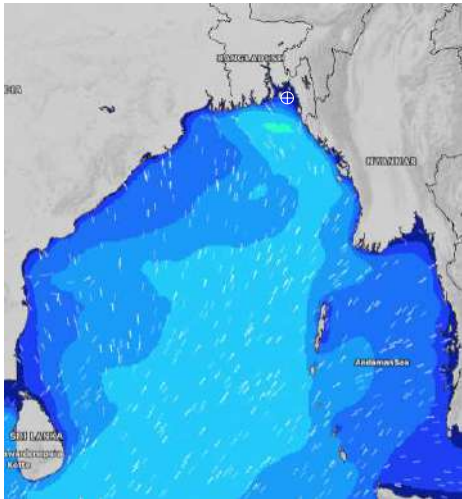


MARINE WEATHER FORECAST (22-29 Sep 2024) NEAR AUTHORITY BUOY (22° 12' N, 091° 38' E)

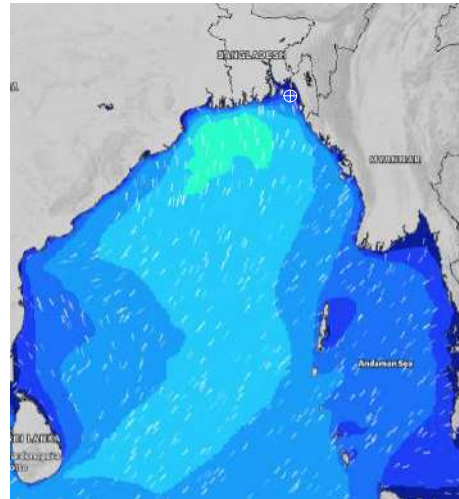


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
26-09-24 (Thursday)	0001	29	26	27	1007	SSE	22	14	0.3	2	91	70% (0.7 mm)
	0600			27	1007	SE	21	13	0.3	2	91	40% (0.2 mm)
	1200			28	1007	S	14	11	0.3	2	81	53% (0.5 mm)
	1800			29	1007	SSE	20	16	0.4	2	88	45% (0.4 mm)
27-09-24 (Friday)	0001	30	26	29	1009	S	18	13	0.3	2	90	71% (0.7 mm)
	0600			27	1009	E	13	9	0.2	2	92	62% (0.6 mm)
	1200			29	1009	S	11	9	0.2	2	81	52% (0.6 mm)
	1800			28	1008	SSE	15	12	0.3	2	88	24% (0.0 mm)
28-09-24 (Saturday)	0001	30	26	27	1010	SE	15	12	0.3	2	90	65% (0.6 mm)
	0600			27	1010	SE	13	9	0.2	2	92	42% (0.4 mm)
	1200			27	1011	SSE	11	9	0.2	2	80	56% (0.5 mm)
	1800			28	1009	SSE	13	11	0.3	2	86	42% (0.4 mm)
29-09-24 (Sunday)	0001	30	26	27	1011	SE	10	8	0.2	2	92	68% (0.7 mm)
	0600			27	1010	SE	10	8	0.2	2	92	40% (0.2 mm)
	1200			29	1011	SSE	9	8	0.2	2	82	53% (0.5 mm)
	1800			28	1009	SE	6	4	0.1	1	87	45% (0.4 mm)

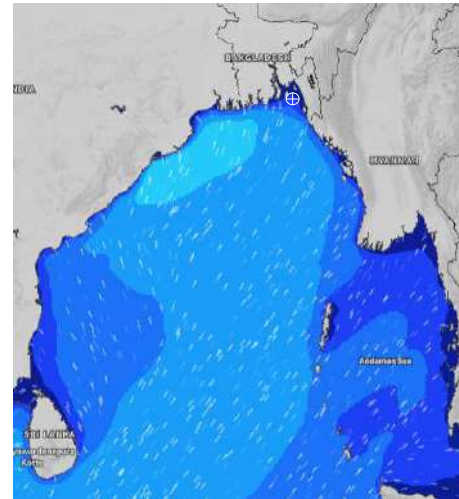
26 Sep 2024



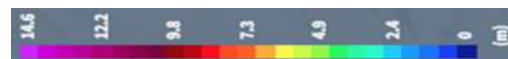
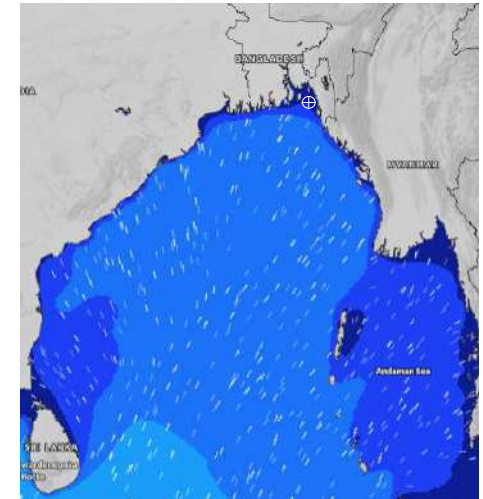
27 Sep 2024



28 Sep 2024



29 Sep 2024



Significant wave height (m)

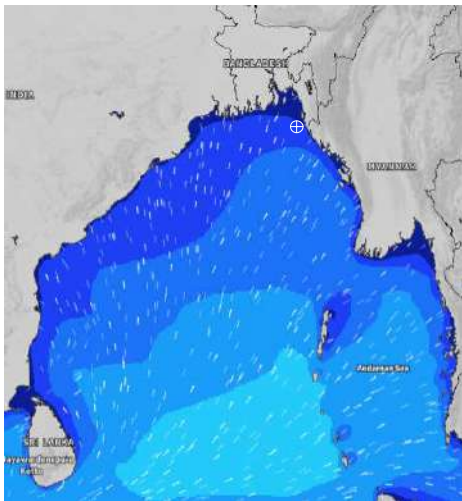


MARINE WEATHER FORECAST (22-29 Sep 2024) 20 NM WEST OF ELEPHANT POINT (21° 10' N, 091° 42' E)

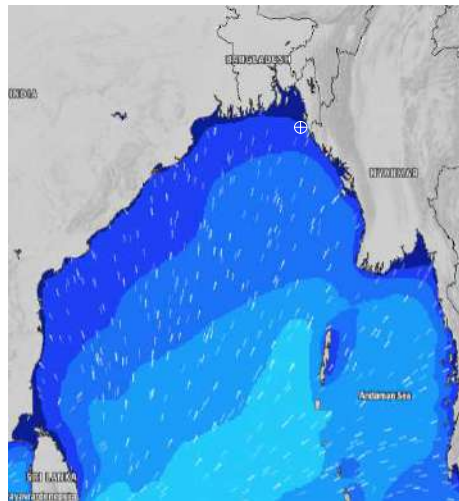


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
22-09-24 (Sunday)	0001	32	27	29	1004	N	5	4	0.9	3	92	15% (0.0 mm)
	0600			29	1004	SSW	3	2	0.9	3	94	12% (0.0 mm)
	1200			29	1003	SSW	6	5	0.8	3	76	10% (0.0 mm)
	1800			30	1001	WSW	9	8	0.9	3	84	19% (0.0 mm)
23-09-24 (Monday)	0001	30	26	29	1004	S	10	9	0.9	3	89	52% (0.5 mm)
	0600			28	1004	SSE	6	5	0.9	3	93	53% (0.4 mm)
	1200			29	1004	SSE	6	5	0.9	3	81	36% (0.2 mm)
	1800			29	1003	SSE	13	12	1.0	3	87	50% (0.4 mm)
24-09-24 (Tuesday)	0001	30	26	28	1005	SE	22	18	1.4	4	88	24% (0.0 mm)
	0600			28	1004	SSE	25	20	1.6	4	89	18% (0.4 mm)
	1200			29	1004	SSE	25	23	2.0	4	80	78% (0.7 mm)
	1800			29	1001	SSW	21	20	1.7	4	87	31% (0.2 mm)
25-09-24 (Wednesday)	0001	28	26	29	1005	SE	20	19	1.6	4	90	52% (0.6 mm)
	0600			28	1005	SE	20	18	1.6	4	91	52% (0.2 mm)
	1200			29	1006	SSE	24	22	1.8	4	88	71% (0.7 mm)
	1800			29	1005	SSE	22	20	1.8	4	92	43% (0.3 mm)

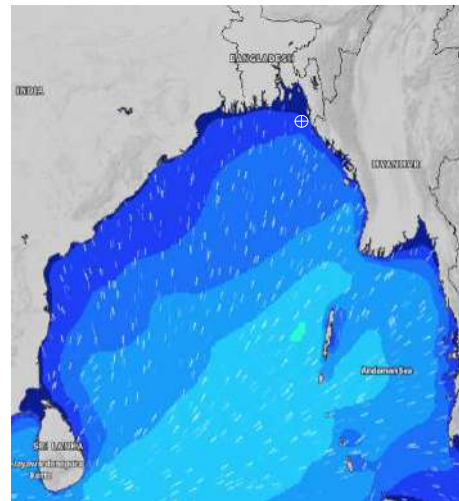
22 Sep 2024



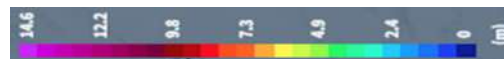
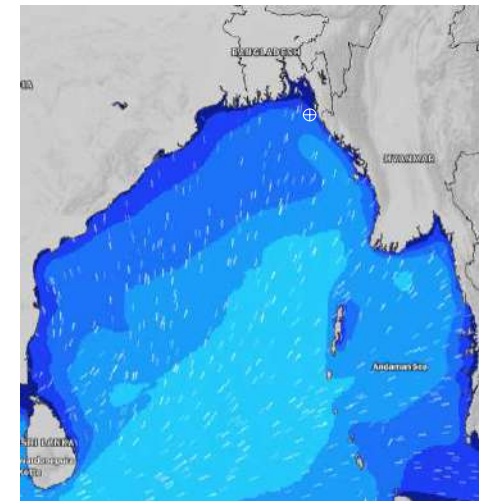
23 Sep 2024



24 Sep 2024



25 Sep 2024



Significant wave height (m)

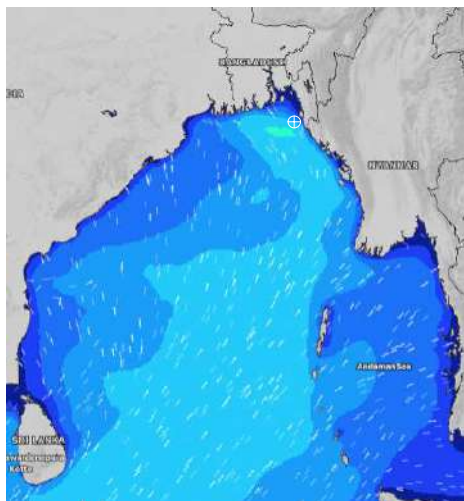


MARINE WEATHER FORECAST (22-29 Sep 2024) 20 NM WEST OF ELEPHANT POINT (21° 10'N, 091° 42'E)

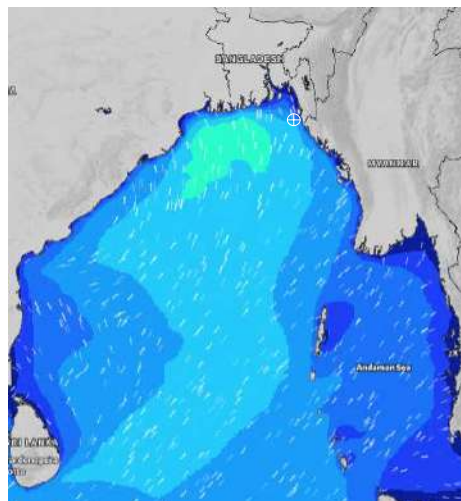


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
26-09-24 (Thursday)	0001	29	26	28	1007	ESE	23	21	1.8	4	91	60% (0.6 mm)
	0600			28	1007	SE	22	20	1.8	4	92	50% (0.5 mm)
	1200			29	1008	SE	23	21	1.9	4	82	63% (0.6 mm)
	1800			29	1007	SE	20	18	1.8	4	89	28% (0.1 mm)
27-09-24 (Friday)	0001	30	26	28	1008	SE	18	16	1.6	4	91	47% (0.5 mm)
	0600			28	1008	ESE	18	17	1.6	4	93	41% (0.5 mm)
	1200			28	1009	SE	17	15	1.5	4	85	65% (0.6 mm)
	1800			29	1008	SE	18	16	1.4	4	88	23% (0.1 mm)
28-09-24 (Saturday)	0001	30	26	27	1010	SE	15	13	1.3	4	90	45% (0.4 mm)
	0600			26	1010	SE	16	14	1.3	4	93	46% (0.5 mm)
	1200			27	1011	ESE	16	15	1.3	4	85	68% (0.6 mm)
	1800			27	1009	ESE	11	13	1.2	3	88	26% (0.1 mm)
29-09-24 (Sunday)	0001	30	26	28	1010	ESE	11	10	1.0	3	91	45% (0.4 mm)
	0600			28	1010	SE	12	11	0.9	3	94	47% (0.5 mm)
	1200			29	1011	SE	10	9	0.9	3	85	62% (0.6 mm)
	1800			29	1009	ESE	6	5	0.8	3	89	30% (0.2 mm)

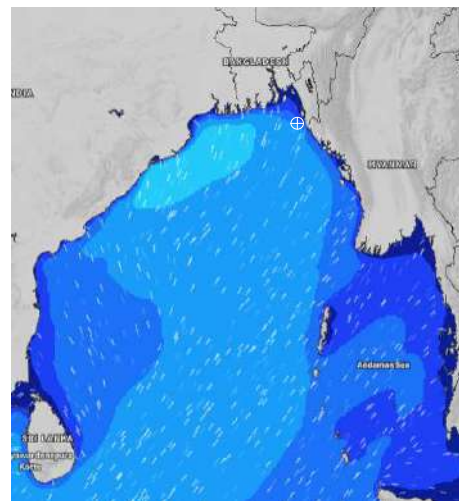
26 Sep 2024



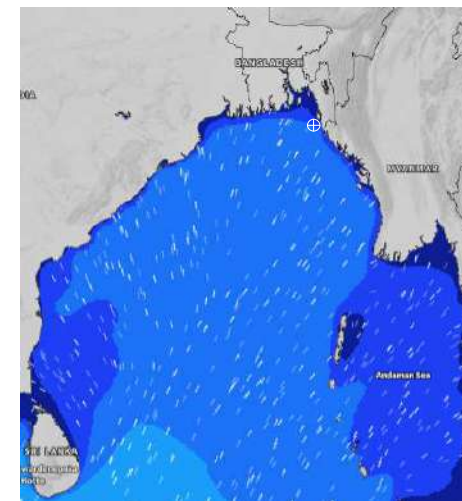
27 Sep 2024



28 Sep 2024



29 Sep 2024



Significant wave height (m)

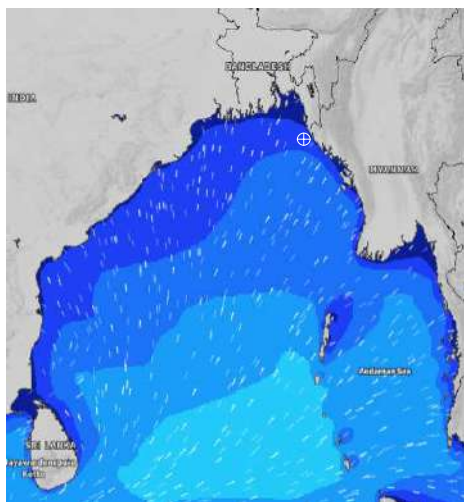


MARINE WEATHER FORECAST (22-29 Sep 2024)

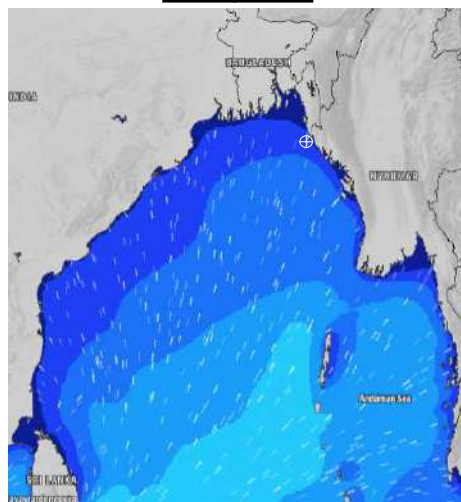
15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37' N, 092° 03' E)

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				
22-09-24 (Sunday)	0001	31	27	29	1004	W	6	5	1.2	3	92	20% (0.0 mm)
	0600			28	1003	SSW	7	6	1.1	3	93	18% (0.0 mm)
	1200			28	1005	SSW	4	3	1.1	3	77	13% (0.0 mm)
	1800			29	1001	WSW	7	6	1.2	3	87	20% (0.0 mm)
23-09-24 (Monday)	0001	30	27	29	1005	SSE	7	6	1.2	3	90	51% (0.4 mm)
	0600			28	1003	ESE	8	7	1.2	3	93	44% (0.4 mm)
	1200			28	1005	ESE	10	9	1.3	4	83	58% (0.6 mm)
	1800			29	1002	SE	16	14	1.4	4	88	18% (0.0 mm)
24-09-24 (Tuesday)	0001	29	26	29	1005	ESE	20	18	1.7	4	90	16% (0.0 mm)
	0600			28	1003	SE	24	22	1.9	4	90	31% (0.2 mm)
	1200			28	1005	SE	25	23	2.3	4	86	56% (0.5 mm)
	1800			29	1003	SSE	17	16	1.9	4	90	68% (0.8 mm)
25-09-24 (Wednesday)	0001	28	26	29	1006	SE	17	16	1.8	4	91	71% (0.7 mm)
	0600			29	1005	SE	16	14	1.8	4	92	53% (0.4 mm)
	1200			28	1007	SE	20	17	1.9	4	84	40% (0.4 mm)
	1800			29	1005	SE	19	18	2.0	4	87	36% (0.2 mm)

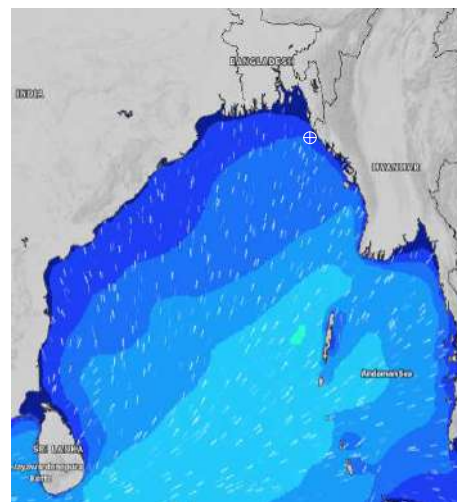
22 Sep 2024



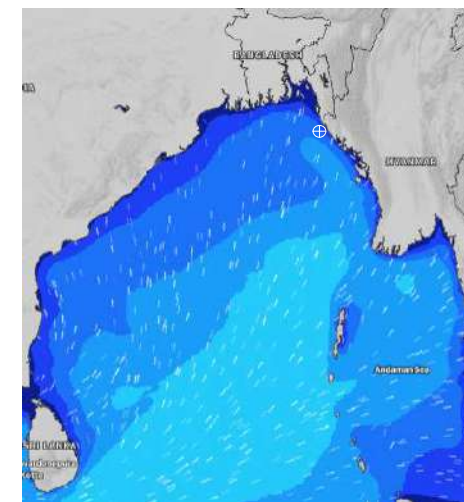
23 Sep 2024



24 Sep 2024



25 Sep 2024



Significant wave height (m)

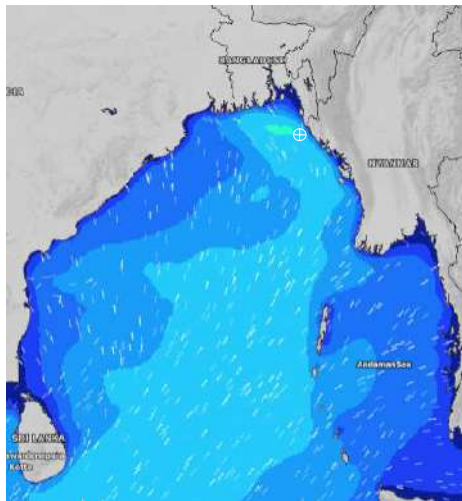


MARINE WEATHER FORECAST (22-29 Sep 2024)

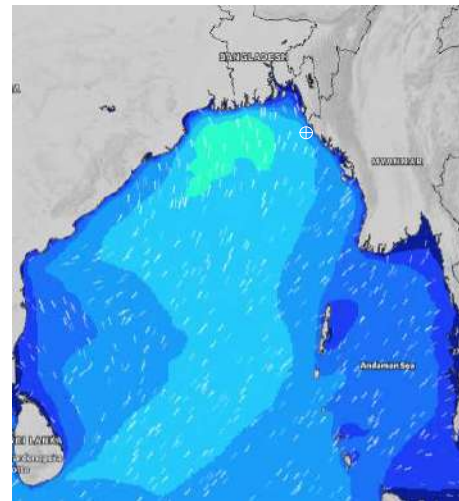
15 NM WEST OF ST. MARTIN'S LIGHT HOUSE (20° 37'N, 092° 03'E)

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				
26-09-24 (Thursday)	0001	29	26	28	1008	ESE	19	18	1.9	4	92	87% (1.7 mm)
	0600			28	1006	SE	19	18	2.0	4	94	80% (1.5 mm)
	1200			28	1008	EE	22	19	2.1	4	91	90% (1.7 mm)
	1800			29	1006	SE	19	17	2.0	4	93	74% (0.7 mm)
27-09-24 (Friday)	0001	29	26	28	1009	ESE	17	15	1.9	4	91	72% (0.7 mm)
	0600			28	1007	ESE	15	13	1.8	4	92	57% (0.5 mm)
	1200			28	1011	SE	16	15	1.7	4	87	66% (0.6 mm)
	1800			28	1007	ESE	17	16	1.6	4	90	27% (0.1 mm)
28-09-24 (Saturday)	0001	30	29	28	1011	SE	14	13	1.5	4	91	20% (0.0 mm)
	0600			28	1008	SE	13	12	1.5	4	94	24% (0.0 mm)
	1200			28	1012	SE	16	15	1.4	4	85	20% (0.0 mm)
	1800			28	1010	SSE	13	13	1.4	4	87	24% (0.0 mm)
29-09-24 (Sunday)	0001	30	29	29	1011	SSE	10	9	1.2	3	92	73% (0.7 mm)
	0600			29	1009	SSE	7	6	1.1	3	93	53% (0.4 mm)
	1200			29	1012	SE	9	8	1.0	3	86	40% (0.4 mm)
	1800			29	1009	S	7	6	1.0	3	89	36% (0.2 mm)

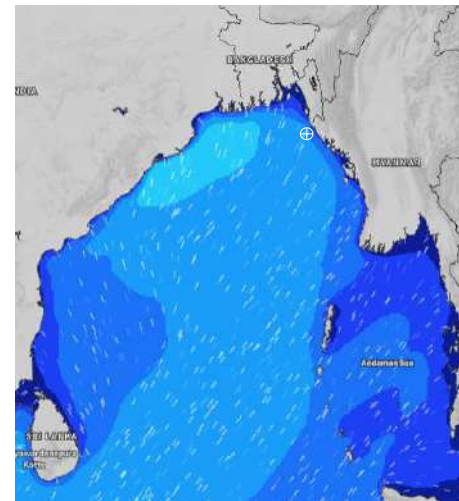
26 Sep 2024



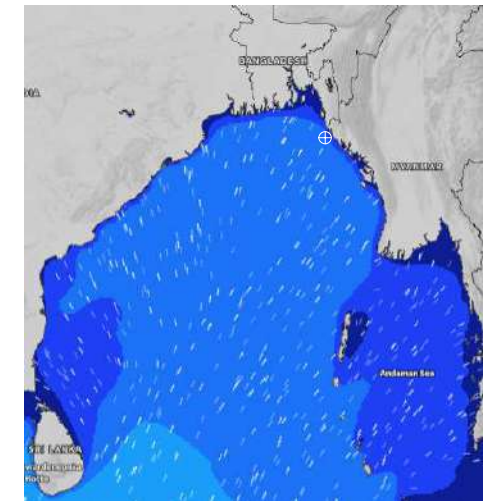
27 Sep 2024



28 Sep 2024



29 Sep 2024



Significant wave height (m)

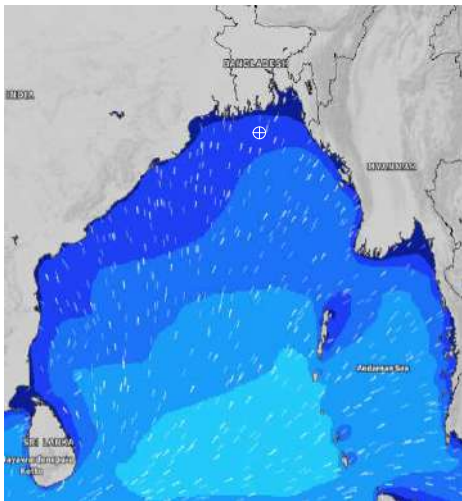


MARINE WEATHER FORECAST (22- 29 Sep 2024) 40 NM ESE OF PAYRA FAIRWAY (21° 07' N, 090° 45' E)

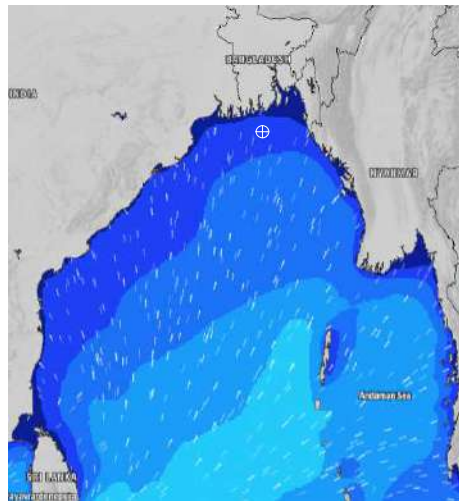


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
22-09-24 (Sunday)	0001	33	28	29	1004	NNE	6	5	1.1	3	92	12% (0.0 mm)
	0600			29	1004	NE	4	3	1.1	3	94	14% (0.0 mm)
	1200			30	1004	SSW	4	3	1.1	3	73	10% (0.0 mm)
	1800			30	1001	SW	7	3	1.2	3	83	13% (0.0 mm)
23-09-24 (Monday)	0001	31	28	29	1004	SSW	10	6	1.2	3	88	36% (0.2 mm)
	0600			28	1004	SSE	8	9	1.2	3	91	51% (0.4 mm)
	1200			29	1004	SE	9	7	1.2	3	84	40% (0.2 mm)
	1800			29	1002	SSE	11	8	1.3	4	84	10% (0.0 mm)
24-09-24 (Tuesday)	0001	30	27	29	1005	S	14	10	1.4	4	87	24% (0.0 mm)
	0600			29	1005	S	17	16	1.6	4	89	59% (0.5 mm)
	1200			29	1004	SE	20	19	2.0	4	86	74% (0.9 mm)
	1800			29	1003	SSE	18	17	1.9	4	87	24% (0.0 mm)
25-09-24 (Wednesday)	0001	29	27	29	1006	SE	21	19	1.9	4	89	45% (0.3 mm)
	0600			29	1006	SE	19	18	2.0	4	90	52% (0.6 mm)
	1200			29	1007	SE	20	19	2.0	4	85	52% (0.2 mm)
	1800			29	1006	SE	18	17	1.9	4	88	71% (0.7 mm)

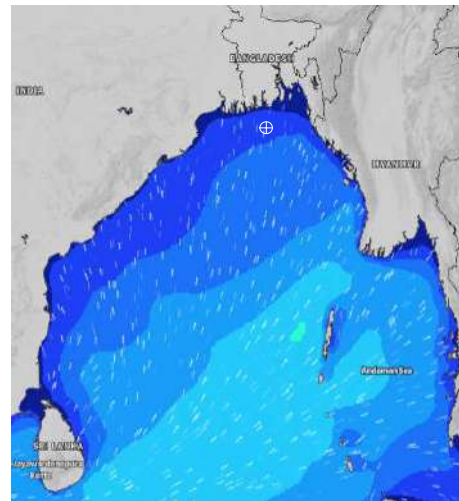
22 Sep 2024



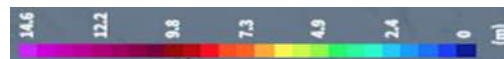
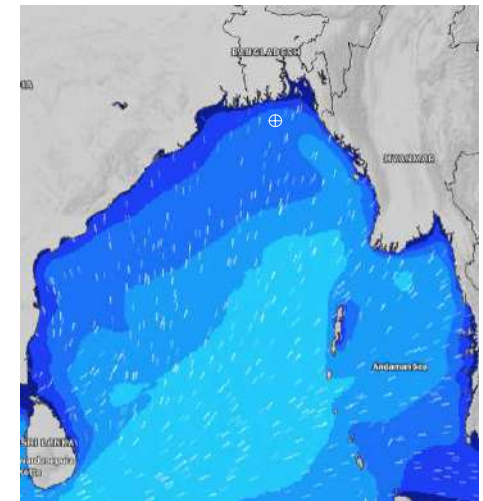
23 Sep 2024



24 Sep 2024



25 Sep 2024



Significant wave height (m)

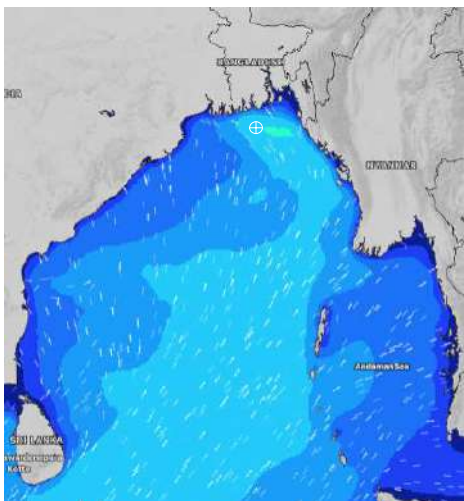


MARINE WEATHER FORECAST (22- 29 Sep 2024) 40 NM ESE OF PAYRA FAIRWAY (21° 07' N, 090° 45' E)

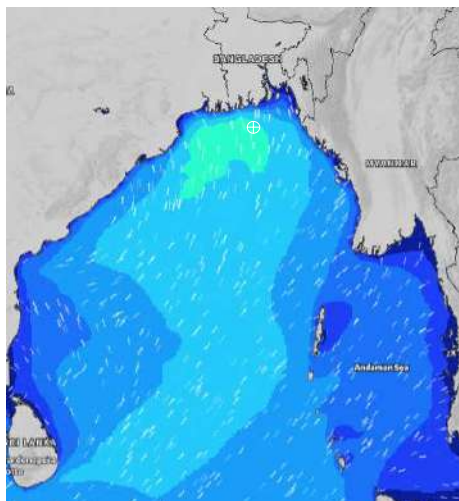


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
26-09-24 (Thursday)	0001	29	27	29	1006	ESE	20	18	2.0	4	90	90% (1.6 mm)
	0600			29	1006	SE	22	20	2.2	4	90	90% (1.5 mm)
	1200			28	1007	SE	22	20	2.2	4	88	77% (1.5 mm)
	1800			28	1006	SE	20	18	2.1	4	88	56% (0.5 mm)
27-09-24 (Friday)	0001	30	27	28	1008	SE	18	16	2.1	4	90	55% (0.5 mm)
	0600			28	1008	SSW	17	14	2.0	4	90	85% (1.5 mm)
	1200			28	1009	SW	17	16	1.9	4	85	62% (0.6 mm)
	1800			29	1008	SE	15	14	1.8	4	86	60% (0.6 mm)
28-09-24 (Saturday)	0001	30	28	29	1009	SSW	14	13	1.6	4	90	55% (0.5 mm)
	0600			29	1009	SW	12	11	1.5	4	91	55% (0.5 mm)
	1200			29	1010	SE	13	12	1.4	4	85	57% (0.5 mm)
	1800			29	1008	SE	12	11	1.4	4	88	45% (0.3 mm)
29-09-24 (Sunday)	0001	30	28	28	1010	SSW	8	7	1.2	3	90	55% (0.5 mm)
	0600			29	1010	ESE	7	6	1.1	3	94	56% (0.5 mm)
	1200			29	1010	ESE	7	6	1.1	3	85	58% (0.5 mm)
	1800			29	1009	ESE	6	5	1.1	3	85	32% (0.2 mm)

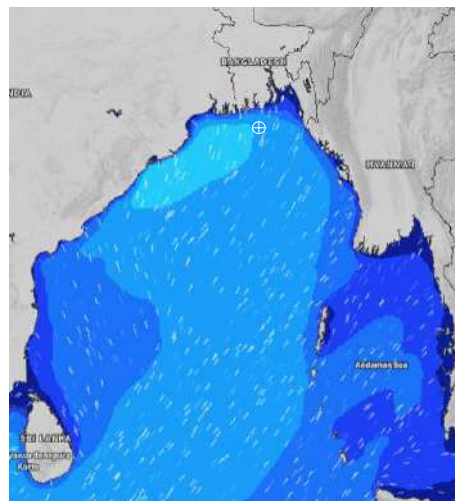
26 Sep 2024



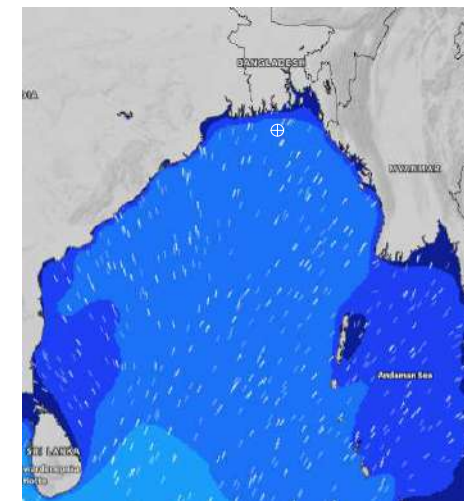
27 Sep 2024



28 Sep 2024



29 Sep 2024



Significant wave height (m)

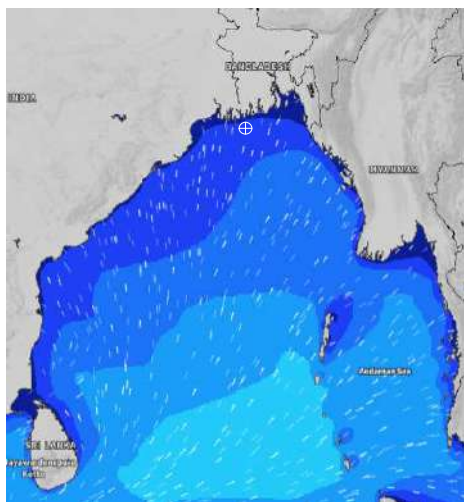


MARINE WEATHER FORECAST (22- 29 Sep 2024) 10 NM SOUTH OF MONGLA FAIRWAY (21° 16' N, 089° 34' E)

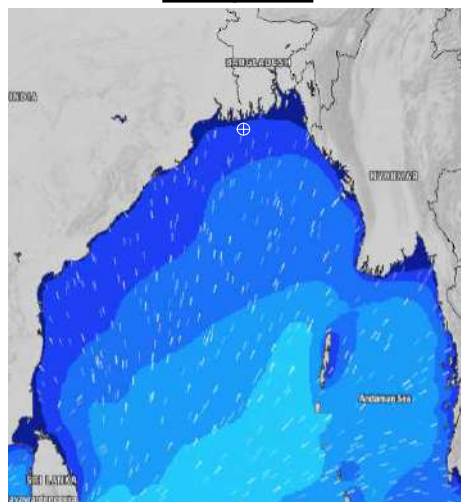


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
22-09-24 (Sunday)	0001	36	28	30	1004	ENE	4	3	1.0	3	87	12% (0.0 mm)
	0600			29	1003	NE	4	3	1.0	3	91	10% (0.0 mm)
	1200			30	1004	WSW	3	2	1.0	3	67	10% (0.0 mm)
	1800			30	1001	SSW	8	7	1.1	3	78	12% (0.2 mm)
23-09-24 (Monday)	0001	31	27	29	1003	SSW	10	9	1.1	3	90	51% (0.4 mm)
	0600			29	1003	SSE	8	7	1.1	3	94	46% (0.4 mm)
	1200			29	1004	SSE	9	8	1.1	3	80	66% (0.6 mm)
	1800			29	1002	SE	9	8	1.2	3	84	16% (0.0 mm)
24-09-24 (Tuesday)	0001	30	26	29	1004	ESE	6	5	1.2	3	89	20% (0.0 mm)
	0600			29	1004	S	15	14	1.3	4	93	53% (0.6 mm)
	1200			29	1004	SSW	17	15	1.6	4	82	67% (0.7 mm)
	1800			30	1002	SSE	16	14	1.7	4	87	20% (0.0 mm)
25-09-24 (Wednesday)	0001	29	26	29	1004	SSE	18	16	1.7	4	91	54% (0.3 mm)
	0600			29	1003	E	20	19	2.0	4	94	53% (0.6 mm)
	1200			29	1005	ESE	17	15	2.0	4	90	45% (0.2 mm)
	1800			29	1004	ESE	18	16	1.9	4	94	71% (0.7 mm)

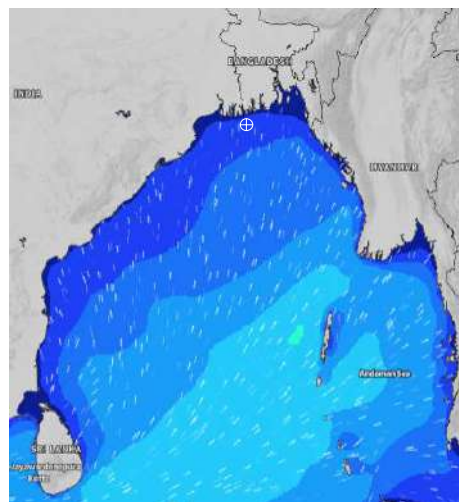
22 Sep 2024



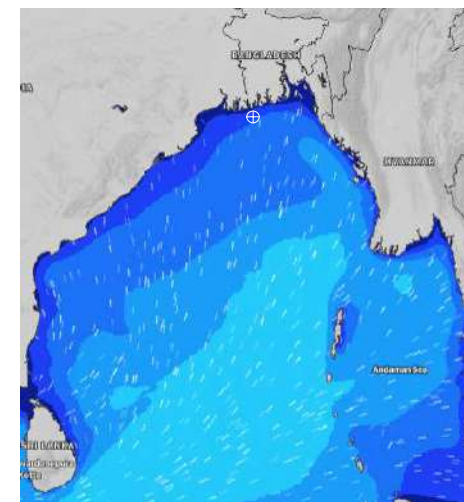
23 Sep 2024



24 Sep 2024



25 Sep 2024



Significant wave height (m)

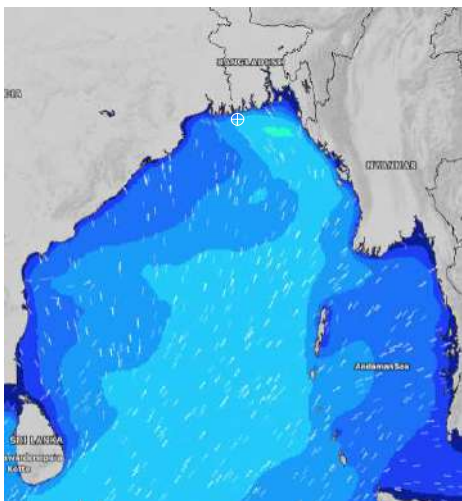


MARINE WEATHER FORECAST (22- 29 Sep 2024) 10 NM SOUTH OF MONGLA FAIRWAY (21° 16' N, 089° 34' E)

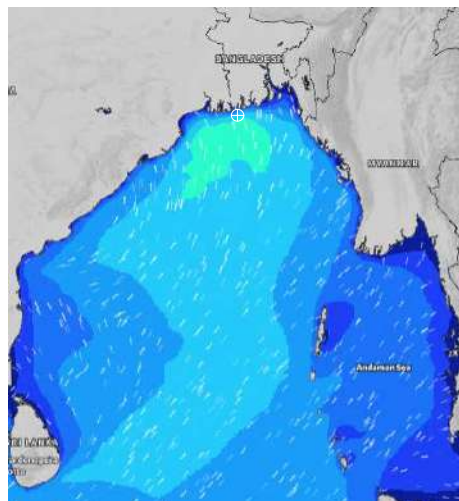


Date	Time	Air Temp (°C)		Sea Surface Temp (°C)	Baro Pressure (mbar)	Wind Direction	Wind Spd (kts)		Wave Ht (m)	Sea State	Humidity (%)	Prob of Rain
		Max	Min				Max	Avg				
26-09-24 (Thursday)	0001	28	26	29	1005	ESE	20	18	2.0	4	93	97% (1.5 mm)
	0600			28	1005	ESE	18	16	2.0	4	95	95% (1.1 mm)
	1200			28	1006	ESE	19	18	2.1	4	90	92% (1.5 mm)
	1800			28	1005	SE	21	18	2.2	4	91	24% (0.0 mm)
27-09-24 (Friday)	0001	30	26	28	1007	E	17	16	2.1	4	90	60% (0.5 mm)
	0600			27	1007	E	15	13	1.9	4	93	59% (0.5 mm)
	1200			28	1008	E	15	13	1.9	4	82	45% (0.5 mm)
	1800			28	1007	ESE	14	13	1.8	4	86	40% (0.2 mm)
28-09-24 (Saturday)	0001	31	27	28	1009	SSE	13	12	1.6	4	90	55% (0.5 mm)
	0600			28	1008	SSE	12	10	1.4	4	92	55% (0.5 mm)
	1200			28	1010	SSE	8	7	1.3	4	81	57% (0.5 mm)
	1800			28	1008	SSE	10	9	1.3	4	87	30% (0.1 mm)
29-09-24 (Sunday)	0001	31	27	28	1010	SSE	8	7	1.1	3	90	55% (0.5 mm)
	0600			28	1009	SSE	9	8	1.0	3	91	56% (0.5 mm)
	1200			29	1010	SSE	6	5	1.0	3	83	58% (0.5 mm)
	1800			29	1009	SSE	6	5	0.9	3	86	32% (0.2 mm)

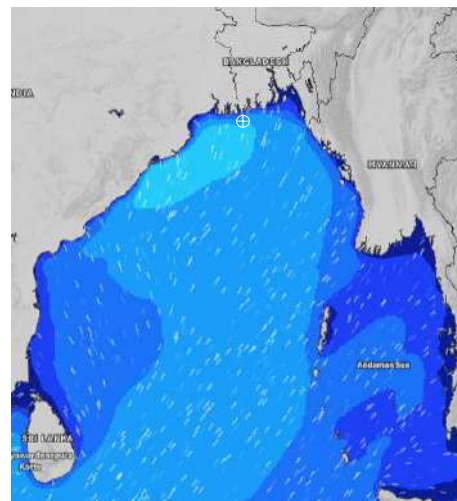
26 Sep 2024



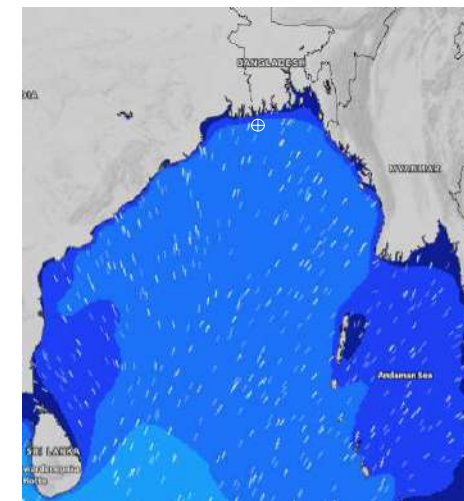
27 Sep 2024



28 Sep 2024



29 Sep 2024



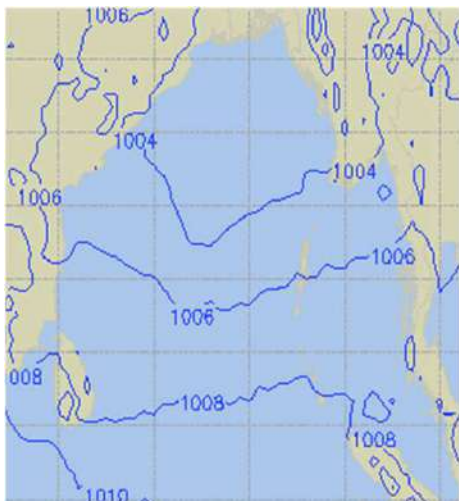
Significant wave height (m)



PREDICTED SURFACE PRESSURE FORECAST (22- 28 Sep 2024)



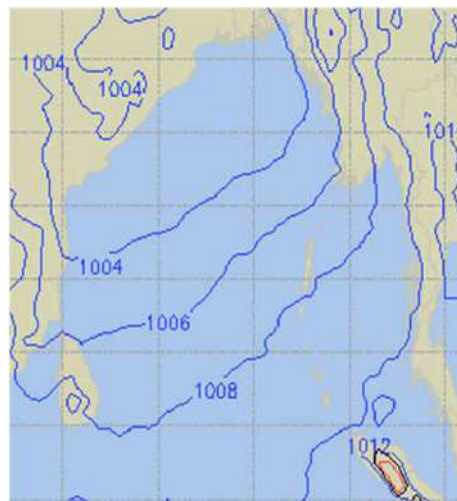
22 Sep 2024



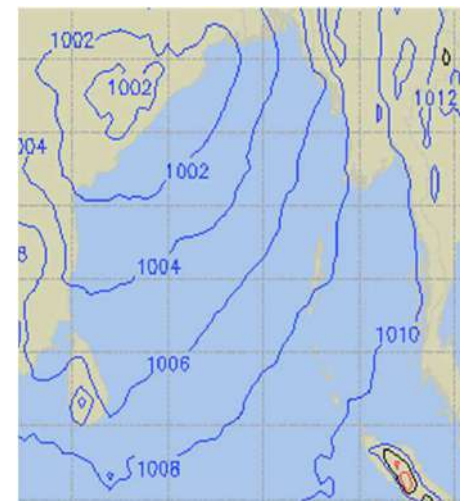
23 Sep 2024



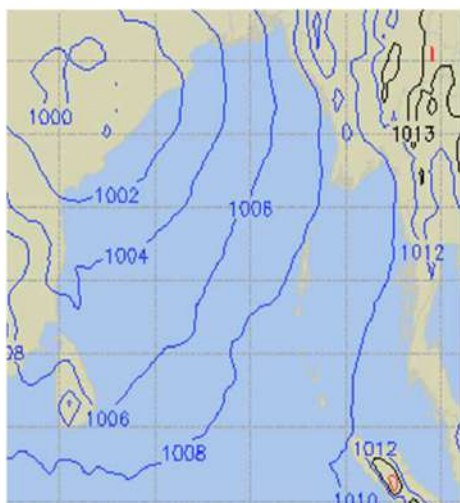
24 Sep 2024



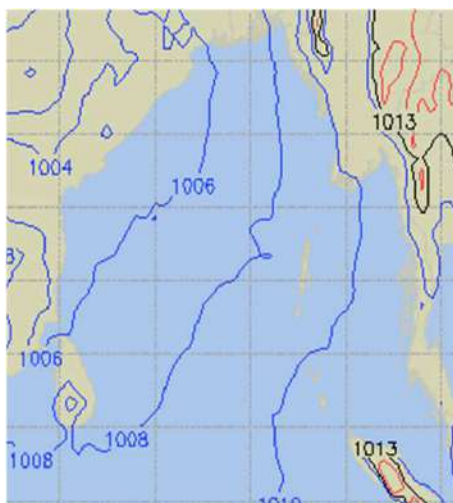
25 Sep 2024



26 Sep 2024



27 Sep 2024



28 Sep 2024

