DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST
Issued at: 1400 EAT on 11th November, 2020
Valid: 0000 EAT on 12th November, 2020 to 000 EAT on 13th November, 2020

GENERAL OUTLOOK
Morning sea state:
- Light SE winds (06-10Knots) with a slight chop. Small short period waves (8sec) of 3-4feet (0.9-1.2m) expected in Kwale, Mombasa, Kilifi & Lamu.

Afternoon sea state:
- Light SE winds (9-12Knots) with a slight chop. Small short period waves (8sec) of 3 feet (0.9M) expected in Kwale, Mombasa, Kilifi & Lamu.

Visibility:
Moderate visibility (7-10Km) expected in Kwale, Mombasa, Kilifi & Lamu.

Please address all replies to the Director Kenya Meteorological Department.
KWALE
- Morning Winds: SE 6 to 8 knots.
- Morning Waves: ESE 3 feet at 8 seconds.
- Morning sea state: Light SE winds with a slight chop. Small short period waves.
- Afternoon Winds: E 9 to 12 knots.
- Afternoon Waves: ESE 3 feet at 8 seconds.
- Sunrise: 5:56AM and sunset: 6:15 PM
- Visibility: Moderate (9-10 km)
- High Tide: 1:44AM; 3.13M, 2:01PM; 3.09M
- Low Tide: 7:58AM; 0.78M, 8:08PM; 0.55M

MOMBASA
- Morning Winds: ESE 7 to 9 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Light ESE winds with a slight chop. Small short period waves.
- Afternoon Winds: E 8 to 12 knots.
- Afternoon Waves: ESE 3 feet at 8 seconds.
- Sunrise: 5:56AM and sunset: 6:14 PM
- Visibility: Moderate (9-10 km)
- High Tide: 1:46AM; 2.98M, 2:06PM; 2.94M
- Low Tide: 7:59AM; 0.74M, 8.09PM:0.54M

KILIFI
- Morning Winds: E 7 to 10 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Afternoon Winds: ESE 9 to 12 knots.
- Afternoon Waves: ESE 3 feet at 8 seconds.
- Afternoon sea state: Light ESE winds with a slight chop. Small short period waves.
- Sunrise: 5:56AM and sunset: 6:10 PM
- Visibility: Moderate (10 km)
- High Tide: 1:46AM; 2.99M, 2:08PM; 2.87M
- Low Tide: 8:01AM; 0.87M, 8.07PM;0.75M

LAMU
- Morning Winds: ESE 7 to 9 knots.
- Morning Waves: ESE 4 feet at 8 seconds.
- Morning sea state: Light ESE winds with a slight chop. Small short period waves.
- Afternoon Winds: SE 9 to 12 knots.
- Afternoon Waves: ESE 3 feet at 8 seconds.
- Sunrise: 5:54AM and sunset: 6:07 PM
- Visibility: Moderate (10km)
- High Tide: 1:39AM; 2.61M, 1:56PM; 2.56M,
- Low Tide: 7:53AM; 0.60M, 8:02PM; 0.40M

Please address all replies to the Director Kenya Meteorological Department
Advisory

Slight sea conditions are expected, due to winds of (06-12Knots), waves of (0.9-1.2 m) & short period waves (8sec) expected in all Zones.

### Key on Sea State

<table>
<thead>
<tr>
<th>Waveheight Range (Metres)</th>
<th>Description</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6 – 1.0 m (∼ 1.8 – 3.0 ft)</td>
<td>Slight</td>
<td>Conditions suitable for Marine activities</td>
</tr>
<tr>
<td>1.0 – 1.9 m (∼ 3.0 – 5.7 ft)</td>
<td>Slight - Moderate</td>
<td></td>
</tr>
<tr>
<td>Wave Height of 2.0 – 2.9 m…… (∼ 6.0 – 8.7 ft)</td>
<td>Moderate-Rough</td>
<td>Caution on operating marine activities</td>
</tr>
<tr>
<td>3.0 – &gt;6.0</td>
<td>Rough - Extremely Rough</td>
<td>Warning in place!!!! Warning in place and marine activities on hold</td>
</tr>
</tbody>
</table>

### Key on Sea State

<table>
<thead>
<tr>
<th>Wind</th>
<th>Range</th>
<th>Descriptions</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Speeds</td>
<td>&lt; 1 – 7 Knots</td>
<td>Calm to Light breeze</td>
<td>1 – 6 knots, the Ocean is relatively calm with very little disturbance. Suitable for Marine operations</td>
</tr>
<tr>
<td>Speeds</td>
<td>7 – 21 Knots</td>
<td>Gentle breeze to Fresh breeze</td>
<td>7 – 17 knots, small boats are likely to be filled with water sprays and become unstable. Caution in carrying out marine activities</td>
</tr>
<tr>
<td></td>
<td>22 – ≥34 Knots</td>
<td>Strong breeze to Extremely Strong breeze</td>
<td>More than 21 knots, the ocean state is very much disturbed and the prevailing conditions are dangerous for marine operations. Warning in place!!!!</td>
</tr>
</tbody>
</table>

Stella Aura, MBS
DIRECTOR, KENYA METEOROLOGICAL DEPARTMENT