KENYA PORTS AUTHORITY

TIDE TABLES
AND
PORT INFORMATION

FOR

KENYA PORTS
&
TANZANIA HARBOURS
2025

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All times given are expressed in East African Standard Times (G. M. T. Plus three hours)

All heights are referred to the datums of the Largest scale admiralty charts of Ports Kilindini and Dar-es-salaam respectively.

ACKNOWLEDGEMENTS

For supplying prediction and permission to reproduce them, Kenya Ports Authority hereby register its sincere gratitude and acknowledgement to: -

The United Kingdom
Hydrographic Office
Admiralty Way
Taunton
Somerset TAI 2DN

STANDARD PORT : KILINDINI

Lamu …….. ..	+40 Minutes
Malindi ……. ...	+ 5 minutes
Kilifi ……	NIL
Shimoni ……	NIL

STANDARD PORT : DAR-ES-SALAM

Tanga……..	NIL
Tirene……..	- 17 minutes
Kilwa Kisiwani……..	- 12 minutes
Kilwa Kivinje……..	- 27 minutes
Lindi…….	NIL
Mtwara…….	NIL

- Signifies below Datum.

Springs = Sp.	NEAPS = Np.
1st QUARTER (	LAST QUARTER)
NEW MOON ●	FULL MOON ○

HYDROGRAPHIC INFORMATION

The channel was last dredged in 2012 to -15.00m CD

The last Maintenance Dredging of the berths Nos. SOT, 11,12,13,14,16,17,18 and KOT, was carried out in 2020
Capital dredging was carried out in 2012

Siltation is minimal.

Hydrographic data and information available at the office of:

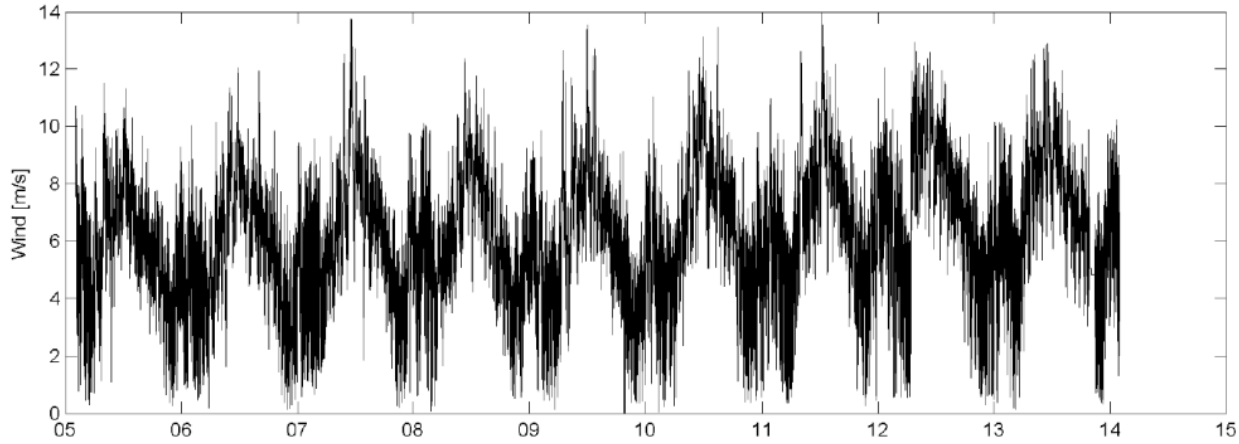
Principal Hydrographer and Outer Ports
Marine Operations Division
P.O. Box 95001 - 80104
MOMBASA
KENYA
Email: amzee@kpa.co.ke

NATURAL AND ENVIRONMENTAL CONDITIONS IN THE PORT

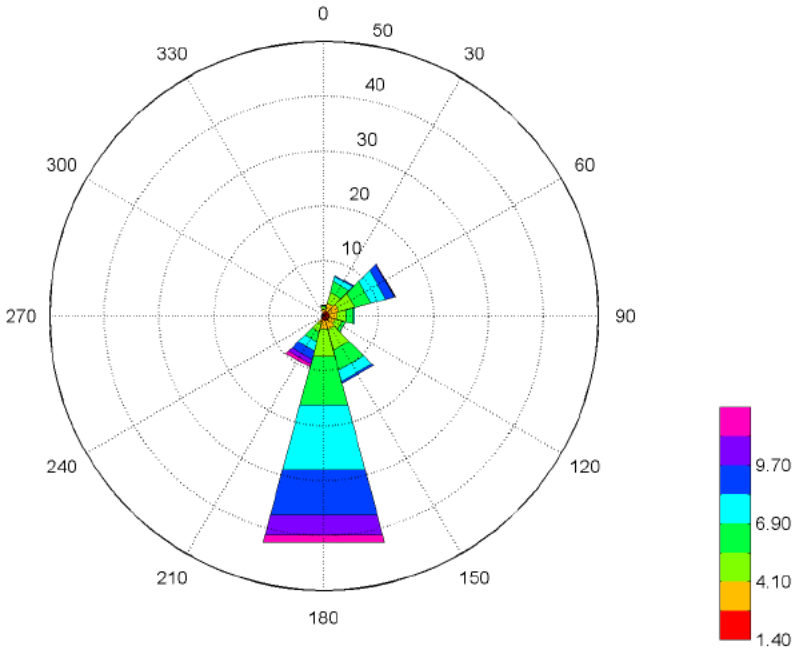
METEOROLOGICAL CONDITIONS

1. Wind

There is the Northeast Monsoon (Kaskazi) from December to February, which is "the dry season" and the Southwest Monsoon (Kusi) from April to October, "the rainy season". During the intervening months, the wind gradually changes through east.



The maximum average measured wind is as seen in the figure is 14 m/s. Based on an analysis of the wind data the yearly distribution of wind is given by the wind rose in the Figure below: -



The Kilindini Harbour is well sheltered, and operations are seldom affected by wind.

2. Temperature

The highest temperature of 33°C on average occurs in February, and the minimum temperature occurs in July, at about 20°C.

3. Rainfall

The maximum rainfall occurs in May, 240mm/month, and minimum in January and February, less than 20mm/month.

The rainfall intensities recorded in the past years are as follows:

1) Rainfall per hour : 50mm/hour

2) Rainfall per day : 206mm and 233.3mm/day

3) Rainfall per week : 552.8mm/week and

4) Rainfall per month : 825.7mm/month

The above extremes occurred during the months of El Nino from October 1997 to February 1998.

4. Oceanographic/Hydrographic Conditions

4.1 Wave

At the seaside area of the Likoni area, i.e. the entrance to the Kilindini Harbour Channel, sea waves are usually generated by wind. The waves inside the Harbour are minimal due to the short fetch length in the creek. Hence, there is no probability of having high waves at the Kilindini Harbour.

4.2 Tide

Tide at Mombasa port is predominantly semi-diurnal. Tidal levels range from a highest level of 4.1 to a lowest level of – 0.1m. The table below shows the tidal levels observed at Port Kilindini.

Table : Tidal levels in Mombasa Port

Place: Kilindini Harbour Lat. 4 deg 04 sec South Long. 39 deg 39 sec East Height: in meters above datum	HAT	+4.1.m
	MHWS	+3.5m
	MSL	+1.88m
	CDL	0
	LAT	- 0.1m

Source: "Tidal Table, KPA
The maximum speed of tidal current at the entrance area of the port is about 0.5 knots with the direction of 132 degrees (at lat. 4 deg 05 min 4 sec South and Long 39-degree 42 min 1 East near the Navigational Light Buoy 9(Q.R No.2 in the Indian Ocean). The currents alongside Berths vary between 1 – 4kts with the direction of 90°.

4.3 Bathymetric Conditions

The KPA carried out bathymetric survey of the whole area of Kilindini harbour, from the entrance of the channel to KOT including Port Reitz in June 2011. Bathymetric survey of the berths, from SOT to KOT was carried out in 2014.

BERTHS, LENGTHS AND ORIENTATION

BERTH NO	BERTH TYPE	LENGTH (M)	DRAFT (M)	QUAY LEVEL ABOVE CD (M)	APRON DEPTH (M)	RESTRICTON	BOLLARD	DIR Degree
1	Conv/Pass/Roro	173.1	10	5.486	17.5	-	1/8/2009	177-357
2	Conv/Pass	166.4	10	5.486	17.5	-	8/9-15/16	177-357
3	Conv.	166.4	10	5.486	17.5	-	15/16-22/23	171-350
4	Conv.	190.2	10	5.486	-	-	22/23-30/31	164-344
5	Conv/Roro	178.6	10	5.486	-	-	30/31-38/39	164-344
7	Conv.	208.2	10	5.486	20.42	-	38/49	122-302
8	Conv.	170.7	10	5.486	20.42	* TIDAL	49-56/57	161-341
9	Conv.	179.8	11	5.486	20.42	* TIDAL	56/57-64/65	154-334
10	Conv.	204.2	10	5.486	20.42	* TIDAL	64/65-73/74	154-344
11	Conv.	184.4	9.45	5.486	-	-	75-85	077-257
12	Conv.	182.9	10	5.486	-	-	85-95/96	090-270
13	Cont.	174	10	5.486	-	-	95/96-105/106	090-270
14	Cont.	181.4	9.75	5.486	-	-	105/106-116/117	081-261
16	Cont.	177.7	*12.50	5.486	-	-	116/117-128	060-240
17	Cont.	182.9	*12.50	5.486	-	-	128-139	060-240
18	Cont.	239	*12.50	4.486	-	-	139-152	060-240
20	Cont.	210	9.9	5.5	CD-11		001-010	160-340
21	Cont.	350	13.5	5.5	CD-15.0		166-181	072-252

* Tidal consideration.

ANCHORAGES, POSITIONS AND DEPTHS

ANCHORAGE	LATITUDE	LONGITUDE	DEPTH (M)	SWING (M)	MAX. SIZE OF SHIP (M)
A	04°04‘ .57 S	04°39‘ .63 E	17.10	244	**170**
B	04°04‘ .42 S	039°39‘ .59 E	16.80	244	**161**
C	04°04'.27 S	039°39'.22 E	18.10	304	**170**
K	04°03‘ .22 S	039°38‘ . 60 E	12.50	304	**260**
N	04°02‘ .78 S	039°38‘ .25 E	14.00	-	**-**
O	04°02‘ .84 S	039°37‘ .90 E	11.80	-	**250**
R	04°03‘ .14 S	039°37‘ .14 E	15.50	244	**161**
S	04°03‘ .20 S	039°36‘ .90 E	15.40	244	**161**
T	04°03‘ .30 S	039°36‘ .67 E	12.40	244	**161**
U	04°03‘ .70 S	039°36‘ .43 E	7.60	244	**161**
V	04°03‘ .45 S	039°36‘ .19 E	7.30	244	**161**
W	04°03‘ .52 S	039°35‘ .98 E	7.90	183	**100**

MBARAKI WHARF AND BASE TITATIUM JETTY

BERTH NAME	TYPE	LENGTH (M)	DRAUGHT (M)	QUAY LEVEL ABOVE C. D	APRON DEPTH (M)	BOLLARD	DIR
Base Titanium	Bulk	189.9	12.5				
Mbaraki	Multi-Purpose	306.30m	10.50 10.97 *	----------	----------	01-14	**143/323**

Remarks:

1. Mbaraki South Bollard 01 to 05
2. Mbaraki Centre Bollard 05 to 09
3. Mbaraki North Bollards 09 to 14
4. Clinker & Fluorspar Bollards 07 to 14
5. Bagged Cement from Bollard 01 to 09
6. Molasses
7. Class III Petroleum Products

***This may be achieved by placing Yokohama Fenders**

LIKONI BASE TITANIUM JETTY

This is a private terminal dedicated to export of bulk titanium. Vessels berth starboard side too. Port anchor is normally dropped to facilitate hauling of the vessel during cargo operations.

MOORINGS

"K" MOORING BUOYS

Name	Length	Depth
K1	167.6m	15.20m
K2	213.3m	15.20m
K3	240.0m	14.70m
K4	167.6m	14.90m

"M" MOORING BUOYS

Particulars of 3NO. Steel Mooring Buoys

Buoy Primary Properties	
Diameter	5.60 M
Height	3.00 M
Primary Steel weight	22.4 te
Overall, Weight	25.62
Design Life	25 years
Quick Release Hook	2 x 2 (back-to-back) 75 the-manual operation
NAV AIDS	RADAR Reflector/Marine Lantern
Fendering	Steel fendering (Top/Bottom/Sides) plus rubber fendering below the upper steel fender (collar shaped)
Maximum Vessel Size	110,000 DWT
SWL	75 T
Cathodic Protection	Aluminum Sacrificial Anodes
Chain Size and Type	76 MM DIA Stud Link Galvanized Chain
Sinker Size/type	15 T anchor, 3 on each buoy

“M” Buoys Positions

Buoy NO.	**Buoy Position**	
M	04 04.06 S	039 38.70 E
M1	04 03.93 S	039 38.67 E
M2	04 03.79 S	039 38.62 E
M3	04 03.63 S	039 38.59 E
M4	04 03.46 S	039 38.54 E

Name of Mooring Space	**Depth**	**Length**	**Vessel LOA**
M1	16.8 M	231.0 M	130.0 M
M2	17.9 M	297.0 M	217.0 M
M3	15.5 M	288.0 M	208.0 M
M4	15.0 M	314.0 M	230.0 M

OIL JETTIES: KOT & SOT

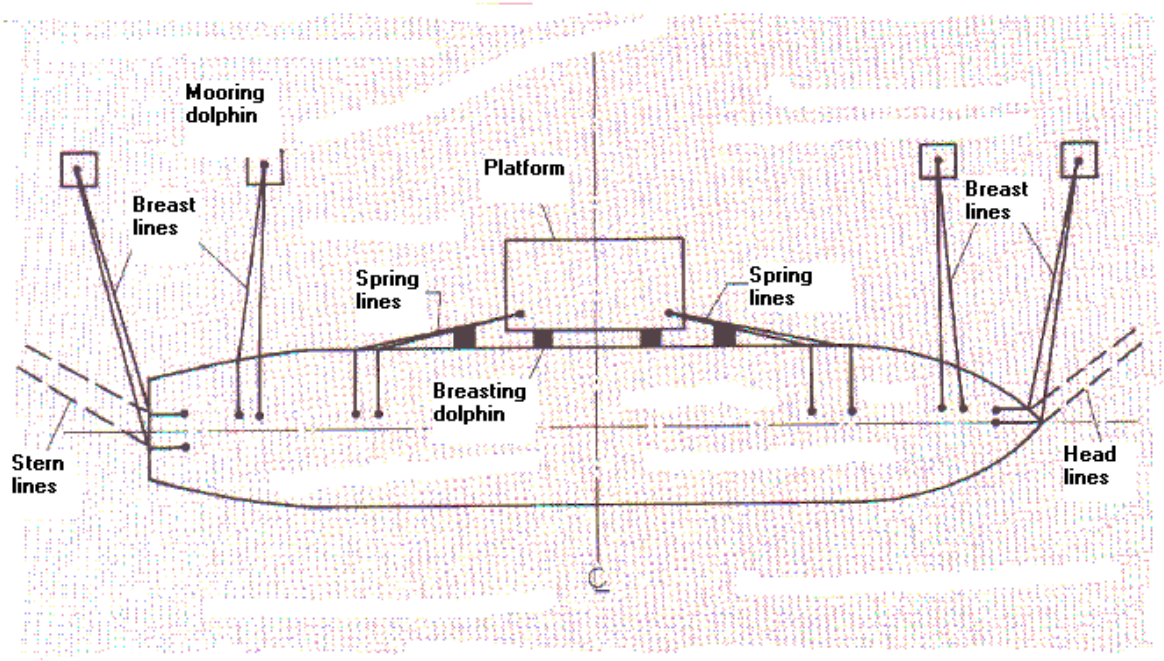
JETTY	MAXIMUM SHIP SIZES					*REESTRICTIONS*
	DWT	LOA	DRAUGHT	DWT	LOA	*Day Light Pilotage*
Kipevu Oil Jetty (KOT)	*85,000	259M	13.25M	---	152M	*Day Light Pilotage*
Shimanzi Oil Jetty (SOT)	35,000	198M	9.75M	2,000	76M	*Day Light Pilotage for petroleum vessels only* * *Tidal*
Cased Oil Jetty (COJ)	2,500	73m	6.00m	------	25m	

Remarks:

- *During spring tide when tidal range ≥2.5m by day or ≥1.9m by night, vessels are berthed at At SOT on flood tide only.*

* *Pilot boards 1½ hours before high water on maximum size Petroleum vessels bound for KOT OR partly loaded larger tankers not exceeding 110,000 DWT loaded to a maximum draught of 13.25m (43.47 ft.).*

Mooring arrangements at KOT is two Mooring Lines per Bollard, bitt or hook



GENERAL INFORMATION FOR KOT II

Country	: Kenya
Port	: Mombasa
Terminal Location	: Island Terminal
Terminal Position	**:** Lat 4 Deg 03 Sec South, Long 39 Deg 37 Sec East
Loa Of Terminal	**:** 770 M
Max Loa Of Vessel	**:** Terminal 1- 300 m
	: Terminal 2- 300 m
	: Terminal 3 -300 m
Min Loa Of Vessel	: Terminal 1- 95 m
	: Terminal 2- 95 m
	: Terminal 3- 95 m
Max Dead Weight Tons Of Vessel	: Terminal 1- 120,000t
	: Terminal 2- 170,000t
	: Terminal 3- 120,000t
Approach:	
Min Depth In Approach	: 15 m
Alongside:	
Min Depth Alongside Berth	:15 m

TIDAL INFORMATION:

Place: Kilindini Harbour Lat. 4 deg 04 sec South Long. 39 deg 39 sec East Height: in meters above datum	HAT	+4.1.m
	MHWS	+3.5m
	MLWS	+1.88m
	CDL	0
	LAT	- 0.1m

(BA 666)

No. Of Marine Loading Arms (MLA):

: TERMINAL 1 - 6 NO
: TERMINAL 2 - 6 NO
: TERMINAL 3 - 6 NO

MLA Operating Envelope:

Diameter Of the Lines:

: HFO/CO……(MLA)20”
: DPK……(MLA)20”
: AGO…… (MLA)20”
: PMS…… (MLA)20”
: LPG…… (MLA)16”

Maximum Cargo Receiving Rates:

Product	Max. Cargo (metric tons)	Specific Gravity	Cargo Capacity [m^3]	Unloading Time [hrs]	Flowrate [m^3/hr]
PMS	80,000	0.72	114286	24	4630
DPK	80,000	0.775	101266	24	4301
AGO	80,000	0.82	95238	24	4065
CRUDE	110,000	0.86	133463	24	5323
HFO	80,000	0.99	80727	24	3364
LPG	32,700	0.545	60000	24	2500

Table 1-2 Maximum Flow Rates Required for Unloading of Each Product

Product	Max. Cargo (metric tons)	Specific Gravity	Cargo Capacity [m^3]	Loading Time [hrs]	Flowrate [m^3/hr]
PMS	80,000	0.72	114286	48	2315
DPK	80,000	0.775	101266	48	2150.5
AGO	80,000	0.82	95238	48	2032.5
CRUDE	110,000	0.86	133463	48	2661.5
HFO	80,000	0.99	80727	48	1682

Table 1-3 Maximum Flow Rates Required for Loading of Each Product

Certified Capacity Of
Quick Release Hooks (QRH): Berth 1&3 981kn, Berth 2 1,226kn

Angle (From the Horizontal) At
Which Capacity Has Been Measured: Various Degrees

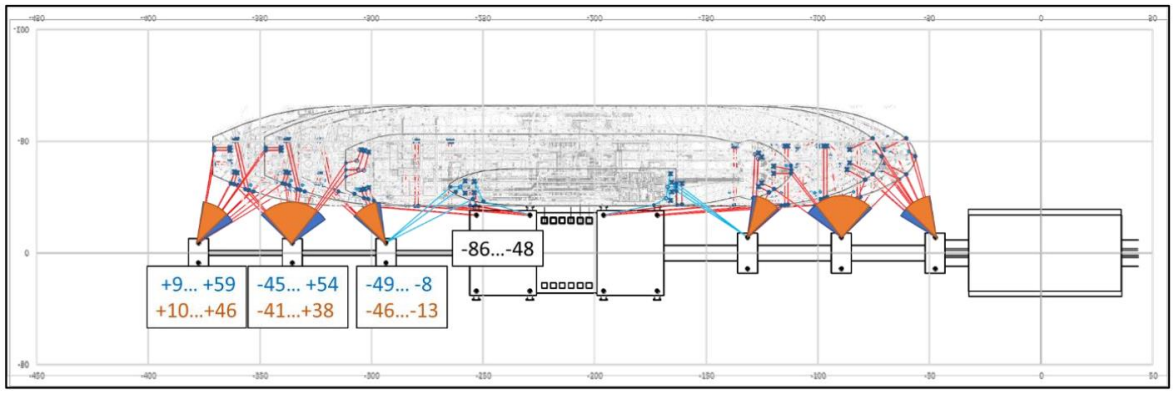


Figure 5-10 Mooring hook angle range for berth 1 and 3: blue numbers/angles for all hooks; orange numbers/angles for middle hook; black numbers for spring hooks

Berth 2 (and 4) (Figure 5-11)

Mooring layouts of the 170,000 dwt at berth 2 and 4 and the 5,000 dwt at berth 2 are overlaid to show the range in horizontal angles.

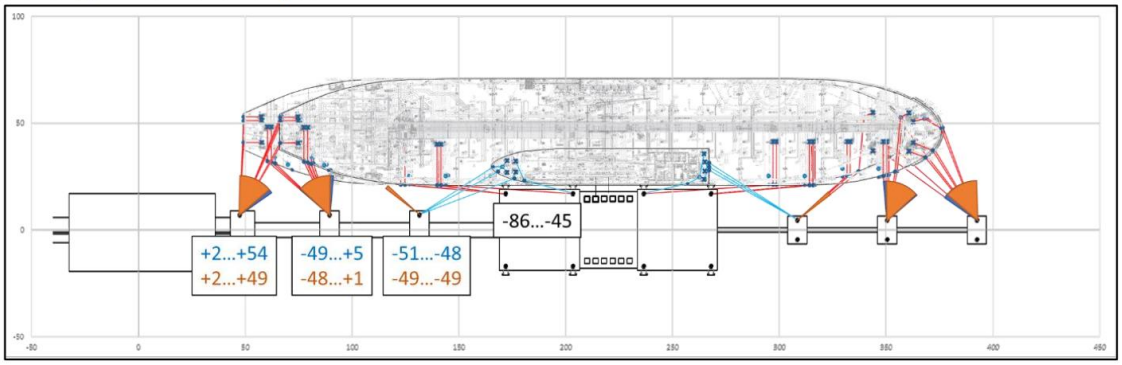


Figure 5-11 Mooring hook angle range for berth 2 (and 4): blue numbers/angles for all hooks; orange

Distance Between QRH: 42 M

Distance From QRH To The Edge Of the Berth : 3 M

Height Of Berth (Height Above Chart Datum): +5.4 M Cd

Fendering:
Material Used as Fendering: Rubber

Distance Between Berth and Shipside: 2.42 M
Distance Between Fenders: 23.9m

ENGLISH POINT

English Point is a tidal berth. Berthing of vessels is carried out during ebb tide and unberthing during flood tide. If tidal range > 2.5M berthing is carried out 2 hours before Low Water and unberthing 2 hours before High Water.

Maximum ship size: LOA 130 m, Draft 6.4m.

IMPLEMENTATION OF THE ISPS CODE 2004

SUMMARY

This notice provides general guidance and information on the implementation of the ISPS Code in Kenyan Seaports and waters.

INTRODUCTION

Kenya has implemented the maritime security requirements contained in Chapter XI-2 of the International Convention for the Safety of Life at Sea 1974 and the International Ship and Port Facility Security (ISPS) Code through the Merchant Shipping Bill 2004 and the Maritime Security Regulations 2004. These Regulations apply to all Seaports in Kenya and Passenger ships, Cargo ships of 500 GT (Gross Tonnage) or more and mobile offshore drilling units on international voyages.

However, **they do not apply** to fishing vessels, vessels used solely for sports recreation, government ships engaged solely on non-commercial voyages, coasting ships and ships transiting Kenya territorial waters.

STATEMENT OF COMPLIANCE

The Principal Secretary, State Department for Transport issued the following port facilities with the statement of compliance.

Name	Certificate of Compliance No.	Date of Issue
1. Port of Mombasa	17866	29-06-04
2. Kipevu Oil Terminal	17866/013	29-06/04
3. Shimanzi Oil Terminal.	17866/011	29-06-04

1. **RECOGNIZED SECURITY ORGANIZATION**

   The Principal Secretary, State Department for Transport appointed Kenya Ports Authority as the Recognized Security Organization

2. SECURITY LEVEL

Security Level 1 is the normal operating level in all ports. Any change of security level or its area of application will be communicated by notices to mariners, navigational warnings, circulars, VHF communication or any other appropriate means.

The Cabinet Secretary for Transport, Infrastructure, Housing, Urban Development and Public works is responsible for declaring any change of security level.

3. PRINCIPAL CONTACTS

PROPER RECIPIENT OF REQUESTS FOR ASSISTANCE WITH SECURITY INCIDENTS:

Kenya Ports Authority
P.O. Box 95009 - 80104
MOMBASA - KENYA
Telephone 254 041 2312211,254 041 2112999
Facsimile 254 041 2311867
E-mail kpamd@kpa.co.ke

3.1.1 CONTACTS:

3.1.1.1 Capt. Ali Abdi Abdille

Harbour Master
Telephone No.254 020-2113114
Mobile No. 254 721 777904/734 777904
Facsimile No. 254 041 2311867
E-mail aabdille@kpa.co.ke

3.1.1.2. Tony Kibwana

Port Facility Security Officer
Telephone No.+254 041 2316829
+254 41 2312211 Ext.2536
Mobile No.+254 722 806154
Facsimile No.+254 41 2311867
E-mail tkibwana@kpa.co.ke

3.1.1.3. Mombasa VTS Centre

Telephone No. 254 725374156
VHF Channel 12 and 16

3.1.1.4. Port Control

Ras Serani Control Station
Telephone No. 254 41 2312895
VHF Channel 12 and 16

3.2. REGISTRAR OF SHIPS AND SEAFARERS

Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works
P.O. Box 52692
NAIROBI – KENYA
Telephone No. 254 020 2729200
Facsimile No. 254 020 2726362

3.2.1 CONTACT PERSON

3.2.2 Eng Martin Dzombo Munga

3.2.3 Director General

3.2.4 Kenya Maritime Authority
Telephone No. +254 41 2318398
+254 41 2318399
Facsimile No. +254 41 2318397
Mobile No. 0733 221322
0724 319344
E-mail info@maritimeauthority.co.ke

3.3 NATIONAL AUTHORITY RESPONSIBLE FOR SHIP AND PORT FACILITY SECURITY

Ministry of Transport, Infrastructure, Housing, Urban Development and Public works
P.O. Box 52692
NAIROBI – KENYA
Telephone No. 254 020 2729200
Facsimile No. 254 020 2726362

3.3. 1.. CONTACT PERSON

3.3.1.1 Mohamed Daghar
Principal Secretary
Ministry of Transport and Infrastructure
P.O. Box 52692 -NAIROBI – KENYA
Telephone No. 254 020 2729200
Facsimile No. 254 020 2726362

3.3.1.2
Director of Shipping
State Department for Shipping and Maritime
P.O. Box 52692 - NAIROBI –KENYA
Telephone No. 254 020 2729200
Facsimile No. 254 020 2724553

3.3.1.3 Eng Martin Dzombo Munga
Director General
Kenya Maritime Authority
P.O. Box 95076
MOMBASA – KENYA
Telephone No.+254 41 2318398
+254 41 2318399
Fax No. +254 41 2318397
Email. info@maritimeauthority.co.ke

3.4. PROPER RECIPIENT OF MARITIME SECURITY RELATED COMMUNICATIONS FROM OTHER CONTRACTING GOVERNMENT

Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works
P.O. Box 52692 -NAIROBI – KENYA
Telephone No. 254 020 2729200
Facsimile No. 254 020 2726362

3.4.1 CONTACT PERSON

Eng Martin Dzombo Munga
Director General
Kenya Maritime Authority
P.O. Box 95076 –
MOMBASA -KENYA
Telephone No.+254 41 2318398
+254 41 2318399
Fax No. +254 41 2318397
Email. info@maritimeauthority.co.ke

3.5. PROPER RECIPIENT OF SHIP SECURITY ALERTS

Kenya Ports Authority
P.O. Box 95009 – 80104
MOMBASA -KENYA
Telephone 254 041 2312211
Facsimile: 254 041 2311867

3.5.1. CONTACT

Capt. Ali Abdi Abdille
Harbour Master
Telephone No.254 020-2113114
Mobile No. 254 721777904/734777904
Facsimile No. 254 040 2311687
E-mail : aabdille@kpa.co.ke

3.5.2. **Tony Kibwana**
Port Facility Security Officer
Telephone No. +254 041 2316829
+254 41 2312211 Ext.2536
Mobile No. +254 722 838838
Facsimile No. +254 41 2311867
E-mail tkibwana@kpa.co.ke

3.5.3. **Mombasa VTS Centre**
Telephone No. 254 725374156
VHF Channel 12 and 16

3.5.4. **Port Control**
Ras Serani Control Station
Telephone No. 254 041 2312895
VHF Channel 12 and 16

3.6 **RECOGNIZED SECURITY ORGANIZATION**

Kenya Ports Authority
P.O. Box 95009
MOMBASA - KENYA
Telephone 254 041 2312211
Facsimile: 254 041 2311867

3.6.1. **CONTACT**

3.6.1.1. Capt William Ruto
Managing Director
Telephone 254 041 2221435/2226059
Extension: 2397/2838
Facsimile 22230906
Email kpamd@kpa.co.ke

3.7 **PORT FACILITY SECURITY OFFICER**

3.7.1. **CONTACT**
Tony Kibwana
Port Facility Security Officer
Telephone No. +254 041 2316829
+254 41 2312211 Ext.2536
Mobile No. +254 722 838838
Facsimile No. +254 41 2311867
E-mail tkibwana@kpa.co.ke

ISPS IMPLEMENTATION

4.1 A compréhensive Port Facility Security assessment was undertaken.

4.2. Port Facility Security Plan is in place.

4.3 An Integrated Security System (CCTV Cameras, Access control and Perimeter Detection System) is in place.

4.4 As part of our compliance program on ISPS Code, the Authority has completed an intensive training of all its security personnel for the implementation success. Along side the training, there are awareness and sensitization. programs for other Port staff, users and service providers.

Further information on our ISPS status can be obtained from our website i.e. www.kenya-ports.com or the IMO website i.e. www.imo.org on maritime security and ISPS code database.

ISPS - PORT OF MOMBASA DETAILS

1)	STATUS	PORT OPEN
2)	PORT ID. NUMBER	17866
3)	UN LOCATOR CODE	KE MBA
4)	PORT NAME	PORT OF MOMBASA
5)	SECURITY LEVEL	1(ONE)

OTHER DETAILS.

a) **National Authority responsible for Ship Security**

1) **Government:** Ministry of Transport, Infrastructure, Housing and Urban Development

Contact Name John Omingo
Title Director General
Contact Post Registrar of Ships
Address Kenya Maritime Authority
P.O. Box 95076
KENYA
Fax : + 254 – 41 –2318397
Mobile : + 254 - 733 -221322
+ 254 – 722 -319344
Telephone : + 254 – 41 –318398
E-mail info@maritimeauthority.co.ke

b) National Authority responsible for Port Security

1) **Name of Organization** : Kenya Ports Authority
Contact Name : Capt. Ali Abdi Abdille
Title : Harbour Master
Contact Post : Harbour Master

Address :Kenya Ports Authority
P.O. Box 95009
MOMBASA
Fax : + 254 41 2311867
Mobile + 254 721 777904/734 777904
Tel : + 254 040 2113114
E-mail aabdille@kpa.co.ke
Telex + 254 41 221243
" DIRKPA" KE
Website : www.kenya-ports.com

c) National Authority responsible for Port Security

1) Name of Organization /Authority Kenya Ports Authority

Contact name Tony Kibwana

Title Port Facility Security Officer

Contact Post Port Security Officer

Address Kenya Ports Authority
P.O. Box 95009
Mombasa
KENYA
Telephone No. +254 041 2316829
+254 41 2312211 Ext.2536
Mobile No. +254 722 838838
Facsimile No. +254 41 2311867
E-mail tkibwana@kpa.co.ke

1. List of Port Facilities at the port that are covered by Port Facility Security Plans:

1.1 Mombasa Port
1.2 Kipevu Oil Terminal
1.3 Shimanzi Oil terminal
1.4 Lamu Port

LAMU PORT FACILITY

2. Contact details for the Port Facility Security Officers responsible for the Port Facilities listed above

Tony Kibwana
PORT FACILITY SECURITY OFFICER
P.O. BOX 95009
MOMBASA –
TEL. 2312211 EXT. 2536

3. Contact details for the Port's central security Authority (if any)

Tony Kibwana
PORT FACILITY SECURITY OFFICER
P.O. BOX 95009
MOMBASA –
TEL. 2312211 EXT. 2536

4. Any port-specific security requirements related to the ISPS Code, the Port Facility Security Plan or other related precautions.

- MANDATORY SHIP/VESSEL ISPS CODE COMPLIANCE CHECKS
- VESSEL/SHIP PARTICULARS
- SHIP'S/VESSEL'S DOCUMENTS
- MASTER AND CREW/PASSENGER PARTICULARS
- VOYAGE PARTICULARS

5. Has an ISPS Code Statement of Compliance of a Port Facility (SoCPF) been issued? Yes [√] No. [ ]

Security requirement for ships entering or within port.

A-(1) When any ship enters or is within the port, the owner, agent, or master of the ship shall ensure that the ship complies with the requirements of Chapter XI-2 of the Safety Convention Regulations and Part A of the ISPS Code that are relevant to the ship, taking into account the guidance given in Part B of the ISPS Code.

(2) The Harbour master-

(a) Shall communicate the security levels set for, and provide security level information to, any ship that enters or is within the port, and

(b) May require the owner, agent, or master of the ship to provide the information referred to in regulation 9 (b) of Chapter XI-2 of the Safety Convention Regulations.

(3) Any owner, agent or master of a ship who-

(a) Contravenes paragraph (1); or

(b) Fails to provide any information required by the Harbour master under paragraph (2) (b), shall be guilty of an offence and shall be liable on conviction to a fine not exceeding $10,000.

Security requirements for port facility

B-(1) The owner or operator of any port facility shall ensure that-

(a) The port facility complies with the requirements of Chapter XI-2 of the Safety Convention Regulations and Part A of the ISPS Code that are relevant to the port facility, taking into account the guidance given in Part B of the ISPS Code:

(b) There is a valid Statement of Compliance issued in respect of the port facility before the port facility is used as such; and

(c) The port facility undergoes an intermediate verification exercise in accordance with regulation C (3).

(2) Any owner or operator of a port facility who contravenes paragraph (1) shall be liable on conviction to a fine not exceeding $10,000.

Statement of Compliance

C-(1) The Authority shall issue a Statement of Compliance in respect of a port facility if, at the date the statement of Compliance is issued, the port facility complies with:

(a) The requirements of the ISPS Code that are relevant to the port facility; and

(b) Such additional requirements as the Authority may impose.

(2) Subject to paragraph (4), a statement of Compliance shall be valid for a period of 5 years from the date it is issued.

(3) Where a Statement of Compliance has been issued in respect of a port facility:

(a) The port facility shall undergo an intermediate verification exercise conducted by a recognized security organization to determine whether, as at the date of the intermediate verification exercise, the port facility complies with-

(i) The requirements of the ISPS Code that are relevant to the port facility; and
(ii) Such additional requirements as the Authority they impose; and

(b) The intermediate verification exercise shall be conducted between 24 months and 36 months from the date the Statement of Compliance is issued.

(4) Where it is determined at an intermediate verification exercise that a port facility does not comply with;

(a) Any requirement of the ISPS Code that is relevant to the port facility; or
(b) Any additional requirement imposed by the Authority, the Authority may suspend the Statement of Compliance until the non-compliance has been rectified or withdraw the Statement of Compliance.

Maintenance of conditions

D-(1) Where a Statement of Compliance has been issued in respect of a port facility, the owner or operator of the port facility shall;

(a) Ensure that all levels of protective security measures and security organization for the port facility are maintained in accordance with the ISPS Code;

(b) Ensure that-
(i) A port facility plan has been implemented in respect of the port facility; and
(ii) The port facility is operated in compliance with the port facility security plan;

(c) Ensure the continuing relevance and accuracy of the port facility security plan;
(d) Conduct security drills at intervals of not more than 3 months; and
(e) Conduct security exercises at least once in a year, with no more than 18 months between such exercises.

(2) Any owner or operator of a port facility who contravenes paragraph (1) shall be guilty of an offence and shall be liable on conviction to a fine not exceeding $10,000.

Power of entry and search

E-(1) The Harbour master, any authorized officer or any public officer authorized by the Authority may;

(a) Enter, inspect and search any ship or port facility-

(i) For the purpose of ensuring that the regulations in this Part are complied with; or
(ii) If he has reasonable grounds for believing that an offence is being or was committed under the provisions of this Part; and

(b) Seize any evidence of the commission of an offence under the provisions of this Part.

(2) No person shall prevent or obstruct the Harbour master, any authorized officer or any public officer authorized by the Authority from performing any act under paragraph (1).
(3) Any person who contravenes paragraph (20 shall be guilty of an offence and shall be liable on conviction to a fine not exceeding $2,000.

Submission of information

F Any person who, being required to submit information to the Harbour master, any authorized officer or any public officer authorized by the Authority;

(a) For any purpose under regulations A to D; or

(b) To comply with any requirement of Chapter XI-2 of the safety Convention Regulations or Part A of the ISPS Code, taking into account the guidance given in Part B of the ISPS Code, submits any information which is false, misleading or inaccurate shall be guilty of an offence and shall be liable on conviction to a fine not exceeding $20,000 or to imprisonment for a term not exceeding 6 months or to both.

KENYA PORTS AUTHORITY
P.O. BOX 95009 MOMBASA – KENYA
TE: (254) 41-2312211/2220256
FAX: (254) 41-2311867
E-mail : kpamd@kpa.co.ke
Web site: www.kenya-ports.com

DECLARATION OF SECURITY

Name of Ship	
Port of Registry	
IMO Number	
Name of Port Facility	

This Declaration of Security is valid from.....

Until.....for the activities tabulated below under the following Security Levels: -

Security Level for the ship	
Security Level for the Port Facility	

ACTIVITIES CHECK LIST

The Port Facility and Ship agree to the following Security Measures and responsibilities to ensure compliance with the requirements of Part A of the International Code for the Security of Ships and of Port Facilities

ACTIVITY	**THE SHIP**	**PORT FACILITY**
Officers confirming security and responsibilities	**CSO/SSO**	**PFSO**
Ensuring the performance of all security duties		
Monitoring restricted areas		
Controlling access to the Port Facility		
Controlling access to the Ship		
Monitoring of the Port Facility, including berthing areas and areas surrounding the ship		
Monitoring of the Ship and areas surrounding the Ship		
Handling of cargo		
Delivery of ship's stores		
Handling unaccompanied baggage		
Controlling the embarkation of persons and their effects		
Ensuring that security communication is readily available between the ship and the Port facility		

The signatories to this agreement certify that security measures and arrangements for both the Port Facility and the Ship during the specified activities meet the provisions of Chapter XI-2 and part A of the ISPS code.

SIGNATURES & OFFICIAL STAMPS

(a) THE SHIP

Signature & Stamp……

Name of Person who Signed……

Title of the Person who Signed……

(b) THE PORT FACILITY

Signature & Stamp……

Name of Person who Signed……

Title of the Person who Signed……

PORT SAFETY INFORMATION

NOTIFICATION OF ARRIVAL AND VHF
REPORTING PROCEDURE FOR ARRIVAL AND
DEPARTURE OF VESSELS.

1. Notification of Arrival

1.1. Application

The Owner, Agent , Master or Person In charge of every vessel of 300 GRT or more which intends to enter the Port of Mombasa shall notify the Harbour Master at least 24-hours before the arrival of such vessel by any of the following means.

a) Telex : 254 020-3575897 'DIR KPA KE'

Mobile + 254 721 777904

b) Telefax : 254 41 22204 24

c) Email : aabdille@kpa.co.ke

d) VHF : Ch. 12 or 16

e) Telephone :254 41 2312895/2311481

1.2 The Owner, Agent, Master or Person In charge of such a vessel coming from a nearby Port with less than 24 hours steaming time to Mombasa, shall immediately on departure from such port notify the Harbour Master by any one of the means of communication mentioned above paragraph 1.1

1.3 Format – Notification of Arrival.

The Owner, Agent, Master, or Person in charge of the vessel shall provide the information in the following format:

i. Name of the Vessel
ii. Call Sign
iii. Nationality (Flag)
iv. Type of Vessel
v. Gross Registered Tonnage (GRT)
vi. Name of Local Shipping Agency (Agent)
vii. Date & Estimated Time of Arrival (ETA)
viii. Last Port of Call
ix. Next Port of Call
x. Draft of Vessel
xi. Air draft

The distance between the waterline and the highest point on the vessel or

Height of the vessel which shall be vertical height measured. from Water Line of the vessel to the highest point of the vessel including its Cargo, Structure or Equipment on board.

xii. Number of Crew on board

xiii. Number of Passengers on Board

xiv. Quantity of Dangerous Cargo on board, Class and UN Number.

xv. Security level at which the vessel is operating.

xvi. Remarks: (if any)

The following Remarks When Applicable Shall Always be Reported.

a) Condition affecting the Navigation of the vessel such as defective Propulsion Machinery, Steering Equipment, Thruster, Excessive List and awkward Tows.

b) Fire or Hazards on board including carriage of dangerous goods.

c) Damaged Vessels

d) Vessels damaged by Bombs and other ordnances.

1.4 Confirmation of Arrivals

The Master of every vessel of 300 GRT or more or every Tug engaged in Towing or Pushing if the combined GRT of the Tug and Tow or Vessel(s) being pushed is 300 GRT or more, any Passenger vessel intending to enter the Port of Mombasa shall report by VHF to the Ras Serani Control Station or Mombasa VTS Centre on Channel 12 or 16.

1.5 VHF Report for Departing Vessels

1.5.1 Prior to Departure

The Master of every Vessel as specified in Paragraph 1.4 intending to leave Mombasa shall inform the designated Control Centre prior to departure and shall give as specified below:

a) Name of Vessel

b) Call Sign

c) Present Location

d) Destination

e) Air Draft

f) Draft

g) Loaded Bunkers

h) Took Fresh Water

i) Port Clearance

j) Remarks if any

In addition Masters or Agents shall prior departure give one hour's Notice to Ras Serani VTS on VHF Channel 12 or 16

GARBAGE REMOVAL

It is a breach of the Harbour Regulations to discharge Garbage into Harbour waters. All garbage must be placed in vermin proof receptacles until disposed in the designated dumping area. All vessels must comply with Annex V of the international convention for the prevention of pollution from ships (MARPOL 73/78). Vessels must notify the Harbour Master of their intention to dispose garbage.

OILY WATER AND SLUDGE DISCHARGE

There are several private companies licensed by both KPA and NEMA to handle and safely dispose oily waste in a manner that fully meets the requirements of the International Convention for the prevention of Pollution from ships (MARPOL 73/78).

It is a breach of regulations to discharge oil, or any oily mixture including sludge into the harbour waters and will result in Heavy penalties.

BUNKERING AND OIL TRANSFER WITHIN THE PORT OF MOMBASA.

No bunkering or oil transfer from ship to ship is permitted unless prior written application on prescribed form to do so be made to either the Harbour Master or the Port Authority's Principal Pollution Control Officer and permission Obtained.

Any subsequent alteration to the commencement time of bunkering or oil transfer must be notified. Such an oil Operation is not to commence unless a pollution Control Officer or Bunkering Superintendent is in attendance prior to the commencement. If the officer considers an operation is unsafe or does not comply with port requirements, it will be stopped until defect if remedied.

The penalties in respect of discharge of oil into the water of the Port are severe, and to assist you in eliminating such a discharge, it is recommended that you ensure: -

1. An experienced engineer gives his undivided attention to the whole operation.
2. All scuppers are blocked.
3. That the vessel offside bunkering connection blank is secure, and the inlet valve is shut hard.
4. Drip trays are positioned under hose connection
5. The operation does not proceed until fully satisfied it is safe to do so.
6. The area adjacent to all outlets, where it is possible for oil to escape, are patrolled throughout the Operations.
7. The vessel's officer in charge to advice the Pollution Control Officer where the breather pipe Connections are positioned to the tanks about to be filled.
8. Special care is taken when operation is nearing completion, or when vessel has a list or is trimmed excessively by the head or stem, to avoid overflow.
9. The Pollution Control Officer must be in attendance during disconnection of bunkering lines.

POLLUTION CONTROL

It is an offence to discharge or allow escape willfully, or accidentally, any oil, oily mixture, oily/dirty ballast or contaminated bilge water or noxious sewage from any vessel within Mombasa Port limits. Replenishment of bunkers, whether from sea or shore, will be permitted only on special application monitored by the port's Marine/Safety personnel and shall be carried out in day light hours only. Inter – tank transfers of oil or ballast water, de-ballasting or discharge overboard of wash water etc. should not be carried out without permission of Port Control. Emission of dense smoke is prohibited from vessels within Port limits. It is an offence to throw or dump galley refuse, garbage, rubbish, hold sweepings etc. into the water or on the berths. Offending vessel is liable to large fines. No chipping or painting to be carried out alongside berth.

FRESH WATER

Fresh water is available at Berths No.1 to No.3 on shore hydrants. Average rate is 20 tons per hour. Fresh water is also available at anchorage by freshwater barge (max. 300 tons per trip).

TUGS AND MULTI-PURPOSE BOATS

Craft	Year Built	Builder	Propulsion	Length (m)	Engine Power (kw)	Bollard Pull (T)	Speed (kts)
Eugene	2017	Cheo Lee	Twin ASD	32	4480	75.6	13.9
Duma II	2016	Damen	ASD Twin	28.67	3600	57.5	12.5
Kiboko II	2004	Damen	ASD Twin	30.82	3450	57.8	13.3
Simba III	2004	Damen	ASD Twin	30.82	3450	57.8	13.3
Nyangumi II	2004	Damen	ASD Twin	30..82	3450	57.8	13.3
Fagio II	2017	Manor Marine	Twin Fixed Pitch	24	610		12
Pate	2022	MED Marine	ASD	29.70	5050	84.0	12.5
Mwokozi	2023	MED Marine	ASD	42	7400	126.0	14.7

PILOT AND VIP BOATS							
Craft	Year Built	Builder	Propulsion	Length (M)	Engine Power (kw)	Bollard Pull (T)	Speed (kts)
Rubani	2002	Damen Alucat 1605	Twin Jet	17	896		28
Tangulizi II	2005	Damen Stan Tender 2306	Twin Screw	23.25	820		19.5
Albina	2005	Damen Stan Tender 2306	Twin Screw	23.25	820		19.5
Nahodha II	2011	Mustang Marine UK	Twin Screw	22.4	970		22
Baharia II	2012	Lung Teh Shipbuilding	Twin Screw	23	970		22
Ramogi	2019	Gulf Craft Inc.	Out Board	10.61			30
Tewa							
Malkia	2022	Damen Stan Patrol 2205	Twin fixed pitch	22.7	1,800		30
MOORING BOATS							
KMB 3	1984		Single Screw	12	147 HP		8
KMB 4	1982		Single Screw	12	147 HP		8
KMB 5	2006	Damen	Single Screw	10.43	138 HP	1.6	9
KMB 6	2006	Damen	Single Screw	10.43	138 HP	1.6	9
KMB 7	2011	Damen	Single Screw	10.67	224 HP	5.14	9
KMB 8	2011	Damen	Single Screw	10.67	224 HP	5.14	9

PILOTAGE, TUGGAGE AND MOORING SERVICES

All tugs and mooring boats are owned and operated by Kenya Ports Authority.

Use of tugs and mooring boats is compulsory when required by the pilot.

Master's requirements regarding the number of tugs as well as thrusters that are operational should be advised at the time of notification of vessels arrival time, otherwise tugs will be ordered as per pilot's requirement.

Pilotage is compulsory for all vessels unless exempted. Tide is a consideration for the navigation of vessels and a minimum under keel clearance of 1.2m for all vessels and 10% for laden tankers is required for vessels using the inner harbour.

Vessels are normally berthed stemming the tide/wind.

SOT, berth No.8, 9 and 10 are tidal and vessels are berthed port side to on a flood tide when the tidal range is 2.5m or more during the day or 1.9m or more at night.

Laden Petroleum tankers drawing a draught of 13.25m or more are berthed on slack tide. Pilots board vessels at least 1½ hours before high water on a flood tide.

USE OF PROPELLERS ALONGSIDE THE BERTH

Propellers must not be used without permission from the Harbour Master.

NAKED LIGHTS PROHIBITED

Use of naked lights of any sort or design whatsoever for any purpose is prohibited unless authorized by the Harbour Master.

SAFE MEANS OF ACCESS

Vessels must provide a safe means of access when alongside. A safety net must be rigged when accommodation ladder is provided.

IMPORTANT TELEPHONE NUMBERS AND VHF CHANNELS

Title	Telephone	VHF
Main KPA Lines	2312211/220255	
Integrity Assurance Reporting Desk	2312728 or Ext.2141	
Managing Director	Ext.3397	
Harbour Master	Ext. 3477	Ch. 16, Ch. 12
Head of Conventional Cargo Operations	2221498 or Ext.3526	
Principal Marine Officer	Ext.3761	Ch. 16, Ch. 12
Chief Pilot	Ext.3008	Ch. 16 Ch. 12
Principal Pollution Control Officer	Ext. 3583	Ch. 16 Ch. 12
Head of Container Operations	Ext.3353	
Port Fire Services	2312211	Ext.3000
Bandari Clinic/Ambulance	2312211	Ext. 3222
Safety Officer	2312211	Ext.3899/2140
Port Police	2312211	Ext. 3633
Port Security	2312211	Ext. 3352
Ras Serani VTS Station	2312895	Ch. 16, Ch. 12
Mombasa VTS Centre	020-2351959 or Ext. 3541	Ch. 16, Ch. 12
Kenya Navy	451201	

Weekend/Holiday

Duty Officers:

KPA: 0724-008077
KRA: 0722-572760
Port Police: 0722-572769

KPA WEBSITE: www.kenya-ports.com

KPA Telephone Numbers

2112999 - Operator Assistance
211xxxx - If you know the required telephone extension, dial 211 followed by the extension number which is usually four digits.

KPA can also be reached through the following cellular lines: -

0720 312211
0720 202424
0720 202525
0720 208661
0720 208662
0720 208663
0735 337941
0735 337942
0735 337942
0735 337943
0735 337944

VHF CHANNELS USED IN THE PORT

Channels	
06	Southern Engineering Company
68	Seaforth Shipping
69	Marine Police, OCS, MO
10	Mackenzie Maritime
11	Port Fire, SOT, KOT, Bandari Clinic
12	Port Marine Operations
13	Board Room, Container Terminal
14	Shipping Operations
15	East Africa Commercial Shipping
16	Calling Port Operation
17	Kenya Navy
21A) 22A)	Port Security
64A)	Ship mark
67	Interocean/Green Island Shipping
68	Ocean Freight East Africa Spear Shipping Agency, Mackenzie Maritime
70	Distress (GMDSS) Global Maritime Distress and safety system
71	(AMGECO) African Marine General Engineering Company
Private	Kenya Shipping Agency
77	Alba Petroleum

AIDS TO NAVIGATION (BEACONS AND CHANNEL BUOYS)

Aids to Navigation (Beacons and Lights)					
Aids to Navigation	**Description**	**Light Characteristics**	**Range (N. Miles)**	**Height above MHW(Metres)**	**Source of Power**
MOMBASA					
Ras Serani Leading light (Front)- AIS	White Metal Tower	Q W	8	28	Self-Contained
Ras Serani Leading Light (Rear) –AIS/RACON	White/Black Concrete Tower	FL W.5s	18	45	Solar Generator/Elect.
Likoni leading light (Front)	GRP Red/White Tower	Q R	3	11	Self- Contained Lantern
Likoni leading light (Rear)	GRP Red/White Tower	FL R.2s	3	16	Self- Contained Lantern
Likoni Dir light	White Obelisk	WRG Iso.5s	2	21	Solar Battery
Mtongwe leading light (Front)	GRP Red/White Tower	Q R	3	21	Self- Contained Lantern
Mtongwe leading light (Rear)	GRP Red/White Tower	FL R.2S	6	28	Self- Contained Lantern
Kipevu leading light (Front)	GRP Red/White Tower	Q R	6	-	Self- Contained Lantern
Kipevu leading light (Rear)	GRP Red/White Tower	FL W. 2s	6	-	Self- Contained Lantern
Shimanzi leading light (Front)	GRP Red/White Tower	FL (3) Red	-	-	Self- Contained Lantern
Shimanzi leading light (Rear)	GRP Red/white Tower	FL W.2s	6	-	Self- Contained Lantern
Port Reitz (W) leading light (Front)	Piled structure/GRP Tower	Q W	-	-	Self- Contained Lantern
Port Reitz (W) leading light (Rear)	Piled structure/GRP Tower	FL W.2s	-	10	Self- Contained Lantern
Ras Mchangamwe (Kipevu) (S. Cardinal mark)	Yellow/Black metal Piled structure	Q W (6) +Lfl.15s	-	4	Self- Contained Lantern
Ras Kiberamini leading light (Front)	White/Black Column	Q W	-	4	Self- Contained Lantern
Ras Kisauni leading light (Rear)	White/Black Column	FL W.2s	-	8	Self- Contained Lantern
Ras Mitani light	Single Piled structure	Q R	-	8	Self- Contained Lantern
CHALE ISLAND					
Chale Island S. End (Chale Point)	Lattice Structure	FL (2) W.20s	12	30	Self-Contained
SHIMONI					
Pungutiayu Island	GRP Black/White Tower	FL W.2s	10	16	Self-Contained Lantern
Shimoni leading light (Front)	Lattice Structure	Q W	-	-	Self-Contained Lantern
Shimoni leading light (Rear)	Lattice Structure	FL W.2s	-	-	Self-Contained Lantern
MTWAPA					
Canon Point Leading (Front)	Concrete Pillar	-	-	-	-
Canon Point Leading (Rear)	GRP Black/White Tower	FL W.10s	11	19	Solar Generator
James Point Beacon (Front)	Concrete Pillar	-	-	-	-
James Point Beacon (Rear)	Concrete Pillar	-	-	-	-
Mtwapa Beacon (Front)	Concrete Pillar	-	-	-	-
Mtwapa Beacon (Rear)	Concrete Pillar	-	-	-	-
KILIFI					
Kilifi Main Light House	GRP Red/White Tower	FL W.8s	9	40	Self-Contained
Ras Kitoka Leading Light 328 (Front)	GRP Red/White Pillar	FL R	13	6	Self-Contained Lantern
Ras Kitoka Leading Light 328 (Rear)	GRP Red/White Pillar	FL W	5	6	Self-Contained Lantern
Ras Kioni North Pass Leading Light (Front)	GRP Red/White Pillar	FL W	5	6	Self-Contained Lantern
Ras Kioni North Pass Leading Light (Rear)	GRP Red/White Pillar	FL W	21	6	Self-Contained Lantern
MALINDI					
Malindi Main Light House	Lattice Tower	FL W.10s	14	25	S
Pillar Reef Light House	GRP Red/White	Q R	9	6	Self-Contained Lantern
Malindi Leading 212.5 (Front)	GRP Tower Red/White	FL W	5	-	Self-Contained Lantern
Malindi Leading 212.5 (Rear)	Metallic Structure (Out of Service)	-	-	-	-
LAMU					
Shela Leading (Front)	GRP Red/White Pillar	Q W	8	9	Self-Contained Lantern
Shela Leading (Rear)	GRP Red/White Tower	FL W.8s	8	56	Solar Generator
Ras Kitau Leading (Front)	GRP Red/White Pillar	QW	2	5	Self-Contained Lantern
Ras Kitau Leading (Rear)	GRP Red/White Pillar	FL W.5s	2	10	Self-Contained Lantern
Takwa Leading (Front)	Red/White Concrete Pillar	Q W	2	5	Self-Contained Lantern
Takwa Leading (Rear) -Northerly	Red/White Concrete Pillar	FL W.3s	2	10	Self-Contained Lantern
Takwa Leading (Rear) -Southerly	Red/White Concrete Pillar	FL W.3s	2	11	Self-Contained Lantern
Mokowa Leading (Front)	GRP Red/White Pillar	Q W	-		Self-Contained Lantern
Mokowa Leading (Rear)	GRP Red/White Pillar	FL W.5s	-	-	Self-Contained Lantern
Mokowe Jetty Leading (Front)	GRP Red/White Pillar	Q W	-	-	Self-Contained Lantern
Mokowe Jetty Leading (Rear)	GRP Red/White Pillar	FL W.3s	-		Self-Contained Lantern
Lamu Pate Sector Light	Lattice Structure (Out of Service)	Q W			-
Magogoni Leading (Front)	Lattice Structure				Self-Contained Lantern
Magogoni Leading (Rear)	Lattice Structure	FL (2) W.5s			Self-Contained Lantern
KIPINI					
Kipini Light	White Concrete Tower	FL W	11	29	Self-Contained Lantern

Aids to Navigation (Channel Buoys in Mombasa)					
No.	**Type of Buoy**	**Lantern Type**	**Informa-V10**	**Source Of Power**	**Status**
1	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
2	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
3	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
4	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
5	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
6	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
7	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
8	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
9	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
10	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
13	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
14	Polyethylene	Sea-lite Self-Contained	AIS/GPS	Self-Contained	Operational
16	Steel spur	Sola Nova 65 Red	-	Self-Contained	Operational

Aids to Navigation (Channel Buoys in Lamu)			
No.	**Type Of Buoy**	**Type Of Lantern**	**Status**
1	Polyethylene		Out of Service
2	Polyethylene		Out of Service
3	Polyethylene		Out of Service
4	Polyethylene	Sea Lite Self -Contained	Operational
5	Polyethylene	Sea Lite Self- Contained	Operational
6	Polyethylene	Sea Lite Self- Contained	Operational
7	Polyethylene	Sea Lite Self- Contained	Operational
8	Polyethylene	Sea Lite Self- Contained	Operational
9	Polyethylene	Vega Self- Contained	Operational
10	Polyethylene	Vega Self- Contained	Operational
11	Polyethylene	Vega Self -Contained	Operational
12	Polyethylene	Vega Self- Contained	Operational
13	Polyethylene	Vega Self- Contained	Operational
14	Polyethylene	Vega Self- Contained	Operational
15	Polyethylene	Vega Self- Contained	Operational
16	Polyethylene	Vega Self- Contained	Operational

Aids to Navigation (Channel Buoys in Manda Bay, New Port of Lamu)			
No.	**Type of Buoy**	**Type of Lantern**	**Status**
1	**Polyethylene**	**Sea-lite Self-Contained**	**Operational**
2	**Polyethylene**	**Sea-lite Self-Contained**	**Operational**
3	**Polyethylene**	**Sea-lite Self-Contained**	**Operational**
4	**Polyethylene**	**Sea-lite Self-Contained**	**Operational**
5	**Polyethylene**	**Sea-lite Self-Contained**	**Operational**
6	**Polyethylene**	**Sea-lite Self-Contained**	**Operational**
7	**Polyethylene**	**Sea-lite Self-Contained**	**Operational**
8	**Polyethylene**	**Sea-lite Self-Contained**	**Operational**
9	**Polyethylene**	**Sea-lite Self-Contained**	**Operational**
10	**Polyethylene**	**Sea-lite Self-Contained**	**Operational**

EMBARKATION REQUIREMENTS

(1) Provide a good lee for the pilot launch and maintain a speed of about 8 – 10 knots or as otherwise advised by the pilot vessel. (There are occasions when it becomes preferential to provide a lee from swell rather than wind.

(2) The Pilot ladder must be constructed and rigged in accordance with IMO requirements (see Chapter V of SOLAS 1960 for pilot ladders.) The ladder should be clean, properly fitted with spreaders, well clear of all discharges and outlets, and all outboard fittings which might foul the pilot launch. The bottom of the ladder should be 2.0m above the water. The distance from the waterline to the point of access must not exceed 9.0m.

(3) Two clean manropes of not less than 28mm diameter and not more than 32mm diameter are to be securely made fast to the ship, and must not be made fast to the ladder at any point. The manropes must not be longer than the ladder.

(4) Where the ladder is rigged over a bulwark, two stanchions are to be securely fitted to the top of the bulwark, one on each side of the ladder, and steps are to be provided from the top of the ladder to the deck.

(5) By night a bright light should be rigged to clearly illuminate the ladder and the ship's side.

(6) Boat ropes are NOT to be used

(7) An officer should attend the ladder with life Saving appliances ready for immediate use and a Portable radio for communication to the bridge.

(8) Retrieving lines should not be used, but if it is absolutely necessary to use a retrieving line, then it should be made fast to the extreme aft end of the lowest spreader step (5 steps from bottom of ladder).

CARGO HANDLING EQUIPMENT

CONTAINER TERMINALS

1) SHIP TO SHORE GANTRY CRANES

CT 1

Make	ZPMC (7NO.)
Span	27.45 meters
Dead Weight	980 tons
Boom Outreach	45 meters
Hoisting Speed	70 meters per minute
Trolley Speed	200 meters per minute
Air Draught	42 meters

Make	LIEBHERR (3NO.)
Span	27.45 meters
Dead Weight	750 tons
Boom Outreach	50 meters
Hoisting Speed	70 meters per minute
Trolley Speed	240 meters per minute
Air Draught	39.5 meters

CT 2

Make	MITSUI (2NO.)
Span	30.50 meters
Dead Weight	1100 tons
Boom Outreach	50 meters
Hoisting Speed	80 meters per minute
Trolley Speed	240 meters per minute (On-load). 160 meters per minute (Off-load)
Air Draught	42 meters
Lift Height	38 meters (Above the top of the sea rail).

	17.5 meters (Below the top of the
	Sea rail. 55.5 meters (Total lift)
Make	ZPMC (1NO.)
Span	
Dead Weight	
Boom Outreach	
Hoisting Speed	
Trolley Speed	
Air Draught	
Lift Height	

2) RTG CRANES

Make	6 No: Kalmar Finland
	16 No: ZPMC China
Hoisting Speeds	25 meters per minute (Load)
"	52 meters per minute (No Load)
Trolley Speeds	70 meters per minute

3) RMG CRANES

Make	6 No. ZPMC
Hoisting Speeds	25 meters per minute (Load)
	52 meters per minute (No Load)
Trolley Speeds	70 meters per minute

Type of Equipment	No. in use
1. Travelling Cranes	
5 Tonne	1
2. Electric Overhead	
Travelling Cranes	
3 Tonne	1
10 Tonne	1
10 Tone CTE	3
Total	5
3. Fork lift Trucks	
3 Tonne	12
5 Tonne	10
10 Tonne	3
16 Tonne	11
20 Tonne	1
25 Tonne	7
30 Tonne	3
42 Tonne	1
Total	48
4. Mobile Cranes	
35 Tonne	3
50 Tonne	4
60 Tonne	2
Total	9
5. Grabs	18
6. Gantry Container Cranes	
45/50 Tonne Ship to Shore	13
45 Tonne Rubber Tyred	50
45 Tonne Rail Mounted	6
Total	69
7. 45 Tonne R/stackers	13
8. Terminal Tractors	106
9. Empty Container Handlers	11
10. Fire Engines	5
11. Towing Trucks	1
12. Mobile Harbour Crane	7
13. Portal Harbour Crane CT2	2
14. Lorries/Minibus	12
15. Saloon vehicles	29
16. Yard Sweepers	2
17. Damper	2
18. Seacom Low Bed Trailers	10
19. High Bed trailers	5
20. Fuel Bowser	2
21. Pickups, Van & Ambulances	61
22. Eco-hoppers	4

Conversion Tables

LINEAR

INCHES		CENTIMETRES	YARDS		METRES	MILES		KILOMETRES
0,394	**1**	2,540	1,094	**1**	0,914	0,621	**1**	1,609
0,787	**2**	5,080	2,187	**2**	1,829	1,243	**2**	3,219
1,181	**3**	7,620	3,281	**3**	2,743	1,864	**3**	4,828
1,575	**4**	10,160	4,374	**4**	3,658	2,485	**4**	6,437
1,968	**5**	12,700	5,468	**5**	4,572	3,107	**5**	8,047
2,362	**6**	15,240	6,562	**6**	5,486	3,728	**6**	9,656
2,756	**7**	17,780	7,655	**7**	6,401	4,350	**7**	11,265
3,149	**8**	20,320	8,749	**8**	7,315	4,971	**8**	12,875
3,543	**9**	22,860	9,843	**9**	8,230	5,592	**9**	14,484

AREA

SQ INCHES		SQ CENTIMETRES	SQ YARDS		SQ METRES	SQ MILES		SQ KILOMETRES
0.155	**1**	6,452	1,196	**1**	0,836	0,386	**1**	2,590
0.310	**2**	12,903	2,392	**2**	1,672	0,772	**2**	5,180
0,465	**3**	19,355	3,588	**3**	2,508	1,158	**3**	7,770
0,620	**4**	25,806	4,784	**4**	3,345	1,544	**4**	10,360
0,775	**5**	32,258	5,980	**5**	4,181	1,930	**5**	12,950
0,930	**6**	38,710	7,176	**6**	5,017	2,317	**6**	15,540
1,085	**7**	45,161	8,372	**7**	5,853	2,703	**7**	18,130
1,240	**8**	51,613	9,568	**8**	6,689	3,089	**8**	20,720
1,395	**9**	58,064	10,764	**9**	7,525	3,475	**9**	23,310

VOLUME

CU YARDS		CU METRES	PINTS		LITRES	GALLONS		LITRES
1,308	**1**	0,765	1,760	**1**	0,568	0,220	**1**	4,546
2,616	**2**	1,529	3,520	**2**	1,137	0,440	**2**	9,092
3,924	**3**	2,294	5,279	**3**	1,705	0,660	**3**	13,638
5,232	**4**	3,058	7,039	**4**	2,273	0,880	**4**	18,184
6,540	**5**	3,823	8,799	**5**	2,841	1,100	**5**	22,730
7,848	**6**	4,587	10,559	**6**	3,410	1,320	**6**	27,277
9,156	**7**	5,352	12,318	**7**	3,978	1,540	**7**	31,823
10,464	**8**	6,116	14,078	**8**	4,546	1,760	**8**	36,369
11,772	**9**	6,881	15,838	**9**	5,114	1,980	**9**	40,915

WEIGHT

OUNCES		GRAMS	POUNDS		KILOGRAMS	TONS		KILOGRAMS
0,035	**1**	28,350	2,205	**1**	0,454	0,001	**1**	1016,0
0,071	**2**	56,699	4,409	**2**	0,907	0,002	**2**	2032,1
0,106	**3**	85,049	6,614	**3**	1,361	0,003	**3**	3048,1
0,141	**4**	113,398	8,818	**4**	1,814	0,004	**4**	4064,2
0,176	**5**	141,748	11,023	**5**	2,268	0,005	**5**	5080,3
0,212	**6**	170,097	13,228	**6**	2,722	0,006	**6**	6096,3
0,247	**7**	198,447	15,432	**7**	3,175	0,007	**7**	7112,3
0,282	**8**	226,796	17,637	**8**	3,629	0,008	**8**	8128,4
0,317	**9**	225,146	19,842	**9**	4,082	0,009	**9**	9144,4

The Key figure printed in BOLD in the centre column can be read as either the metric or the British measure thus 1 Metre = 1,09 yard or 1 yard = 0.91 metre.

To Convert	Multiply by
Inches to Centimetres	2.5400
Centimetres to Inches	0.3937
Feet to Metres	0.3048
Metres to Feet	3.2810
Yards to Metres	0.9144
Metres to Yards	1.0940
Miles to Kilometres	1.6090
Kilometres to Miles	0.6214
Kilometres to Nautical Miles (U.K.)	0.5396
Kilometres to Nautical Miles (Int.)	0.5399
Sq. Inches to Sq. Centimetres	6.4520
Sq. Centimeters to Inches	0.1550
Sq. Metres to Sq. Feet	10.7600
Sq. Feet to sq. Metres	0.0929
Sq. Yards to Sq. Metres	0.8361
Sq. Metres to Sq. Yards	1.1960
Sq. Miles to Sq. Kilometres	2.5900
Sq. Kilometres to Sq. Miles	0.3861

To Convert	Multiply by
Acres to Hectares	0.4047
Hectares to Acres	2.4710
Cu. Inches to Cu. Centimetres	16.3900
Cu. Centimetres to Cu. Inches	0.0610
Cu. Feet to Cu. Metres	0.0283
Cu. Metres to Cu. Feet	35.3100
Cu. Yards to Cu. Metres	0.7646
Cu. Metres to Cu. Yards	1.3080
Cu. Inches to Litres	0.0163
Litres to Cu. Inches	61.0300
Gallons to Litres	4.5460
Litres to Gallons	0.2200
U.S. Pint to U.K. Pint	0.8327
U.S. Gallon to U.K. Pint	6.6616
Cu. Metres to U.K. Galls	219.9690
Grains to Grams	0.0648

To Convert	Multiply by
Grams to Grains	15.4300
Ounces to Grams	28.3500
Grams to Ounces	0.0350
Pounds to Grams	453.6000
Grams to Pounds	0.0022
Pounds to Kilograms	0.4536
Kilograms to Pounds	2.2050
Tons to kilograms	1016.000
Kilograms to Tons	0.0009
Litres to U.S. Pints	2.1134
Litres to U.S. Gallons	0.2642
Cu. Metres to US Gallons	264.1720
1 Barrel of Oil to US Gallons	42.0000
1 Barrel of Oil to U.K Gallons	34.9700
1 Barrel of Oil to Cu. Metres	0.1590

Berthing Energy and Specifications of Vessels

The following tables shows the dimensions of various kinds of vessels and corresponding. Requirements at various berthing speeds. (berthing energy is calculated at ¼ berthing.)

Tanker

Dead Weight	Loaded displace-ment	Length (m)	Width (m)	Depth (m)	Full draught	Addition weight	Estimated Weight	Berthing energy (ton-m)		
								Berthing Speed (at 0.1 m/s)	Berthing Speed (at 0.15m/s)	Berthing Speed (at 0.2m/s)
1,000	1,333	61	8.9	4.5	4.2	866	2,199			
2,000	2,6777	76	11.2	5.7	5.1	1,591	4,258			
3,000	4,000	87	12.8	6.5	5.7	2,274	6,274			
4,000	5,333	96	14.0	7.2	6.2	2,969	8,302			
5,000	6,667	103	15.1	7.8	6.5	3,501	10,168	0.6	1.4	2.2
6,000	8,000	110	16.0	8.2	6.9	4,214	12,214	1.1	2.5	4.3
7,000	9,331	116	16.8	8.7	7.2	4,838	14,169	1.6	3.6	5.4
8,000	10,667	126	15.7	9.0	7,4	5,552	16,219	2.1	4.7	8.5
10,000	13,333	140	17.2	9.8	7.9	7,030	20,363	2.6	5.9	10.4
12,000	16,000	150	18.4	10.4	8.3	8,314	24,314	3.1	7.0	12.5
15,000	20,000	163	20.0	11.2	8.8	10,156	30,156	3.6	8.1	14.5
17,000	22,667	170	21.0	11.7	9.1	11,327	33,994	4.1	9.2	16.6
20,000	26,667	164	23.7	12.3	9.5	11,909	38,576	5.2	11.7	20.8
25,000	33,333	176	25.5	13.3	10.1	14,446	47,779	6.2	14.0	24.8
30,000	40,000	187	27.1	14.1	10.6	16,906	56,906	7.7	17.3	30.8
35,000	46,667	197	28.5	14.8	11.1	19,530	66,197	8.7	19.6	34.7
40,000	53,333	206	29.7	15.5	11.5	21,920	75,253	9.8	22.1	39.4
45,000	60,000	223	30.5	15.2	11.2	22,507	82,507	12.2	27.5	48.8
50,000	66,667	222	32,0	16,.7	12.2	26,586	93,253	14.5	32.6	59.1
60,000	80,000	236	34.0	17.8	12.8	31,111	111,111	16.9	38.0	67.6
65,000	86,667	250	34.0	18.0	13.3	35,581	122,248	19.2	43.2	76.8
70,000	93,333	248	35.7	18.7	13.4	35,830	129,163	21.1	47.5	84.2
80,000	106,640	260	37.3	19.6	13.9	40,419	147,059	23.8	53.6	95.2
85,000	113,333	260	38.1	18.7	14.0	41,002	154,335	28.3	63.7	113.4
100,000	133,333	280	40.1	21.1	14.8	49,347	182,680	31.2	70.2	124.7
120,000	160,000	297	42.6	22.4	15.5	57,412	217,412	33.0	74.3	131.8
150,000	200,000	320	45.8	24.1	16.5	70,097	270,097	37.5	84.4	150.1
200,000	272,000	326	49.8	23.2	17.7	82,178	254,178	39.4	88.7	157.5
250,000	333,333	338	51.8	26.7	20.6	115,410	448,743	46.6	104.9	186.4
								55.55	124.9	221.9
								68.9	155.0	275.6
								90.4	203.0	361.4
								114.5	257.6	457.9

Container

Gross tonnage	Dead Weight tonnage	Length (m)	Width (m)	Depth (m)	Full draught (m)	Addition weight (ton)	Estimated Weight (ton)	**Berthing energy (ton-m)**		
								Berthing Speed (at 0.1 m/s)	Berthing Speed (at 0.15m/s)	Berthing Speed (at 0.2m/s)
16,240	19,636	187.0	26.0	15.0	10.5	46,050	16,596	11.7	26.4	47.0
17,184	16,977	208.8	23.8	14.3	9.2	39,639	14,227	10.1	22.8	40.4
21,057	20,400	196.0	27.6	16.6	10.5	47,995	17,395	12.2	27.5	49.0
23,600	23,650	212.2	30.0	16.3	10.5	54,335	18,860	13.9	31.2	55.4
40,000	26,100	242.0	32.2	19.6	10.5	60,628	21,478	15.5	34.8	61.9
51,500	28,900	254.0	32.2	24.0	10.5	67,214	23,864	17.1	38.6	68.6
54,500	33,600	252.0	32.2	24.4	11.0	74,946	24,546	19.1	43.0	76.5

Freighter

Dead Weight tonnage	Landed displace-ment tonnage	Length (m)	Width (m)	Depth (m)	Full draught (m)	Addition weight (ton)	Estimated Weight (ton)	**Berthing energy (ton-m)**		
								Berthing Speed (at 0.1 m/s)	Berthing Speed (at 0.15m/s)	Berthing Speed (at 0.2m/s)
1,000	1,333	60	9.3	4.4	4.1	812	2,147	0.6	1.4	2.2
2,000	2,667	77	11.5	5.8	5.1	1,611	4,278	1.1	2.5	4.4
3,000	4,000	90	13.1	6.8	5.7	2,353	6,353	1.6	3.6	6.5
4,000	5,333	100	14.3	7.7	6.3	3,193	8,526	2.2	5.0	8.7
5,000	6,667	109	15.3	8.4	6.7	3,937	10,804	2.7	6.1	10.8
6,000	8,000	117	16.2	9.0	7.1	4,746	12,746	3.3	7.4	13.0
7,000	9,333	124	17.0	9.6	7,5	5,612	14,945	3.8	8.6	15.3
8,000	10,667	130	17.7	10.1	7.8	6,364	17,031	4.3	9.7	17.4
9,000	12,000	136	18.4	10.6	8.1	7,179	19,179	4.9	11.0	19.6
10,000	13,333	142	19.0	11.1	8.3	7,871	21,204	5.4	12.2	21.6
12,000	16,000	152	20.1	11.9	8.8	9,471	25,471	6.5	14.6	26.0
15,000	20,000	165	21.6	13.0	9.5	11,981	31,981	8.2	18.5	32.6
17,000	22,667	173	22.4	13.7	9.8	13,368	36,035	9.2	20.7	36.8
20,000	26,667	184	23.6	14.6	10.3	15,706	42,373	10.8	24.3	43.2

Ore Carrier

Dead Weight tonnage	Landed displace-ment tonnage	Length (m)	Width (m)	Depth (m)	Full draught (m)	Addition weight (ton)	Estimated Weight (ton)	**Berthing energy (ton-m)**		
								Berthing Speed (at 0.1 m/s)	Berthing Speed (at 0.15m/s)	Berthing Speed (at 0.2m/s)
1,000	1,333	61	8.9	4.8	4.3	906	2,239	0.8	1.8	2.3
2,000	2,667	77	11.1	5.5	5.1	1,011	4,379	1.1	2.5	4.4
3,000	4,000	88	12.7	6.8	5.7	2,300	6,300	1.6	3.6	6.4
4,000	5,333	96	13.9	7.5	6.1	2,874	8,207	2.1	4.7	8.4
5,000	6,667	104	14.0	8.1	6.5	3,636	10,202	2.6	6.9	10.4
6,000	8,000	118	16.6	8.3	6.9	4,520	12,520	3.2	7.2	12.0
8,000	10,007	130	17.0	9.0	7.4	5,728	16,395	4.2	9.5	16.7
10,000	13,333	140	18.5	10.5	7.9	7,030	20,363	5.2	11.7	20.8
12,000	16,000	150	19.4	11.2	8.5	8,720	24,720	6.3	14.2	25.2
15,000	20,000	149	21.3	11.5	8.6	8,867	28,867	7.4	16.7	29.5
20,000	26,667	164	23.4	12.7	9.2	11,169	37,836	9.7	21.8	38.6
25,000	33,333	176	25.1	13.6	9.8	13,600	48,933	12.0	27.0	47.9
30,000	40,000	187	26.6	14.4	10.3	15,969	55,962	14.3	32.2	57.4
40,000	53,333	206	29.2	15.9	11.0	20,055	73,388	18.7	42.1	74.9
50,000	66,667	222	31.4	17.1	11.7	24,401	91,110	23.7	52.2	93.0
60,000	80,000	235	33.3	18.1	12.3	28,606	108,606	27.7	62.3	110.8
70,000	93,333	248	35.0	19.0	12.8	32,693	126,026	32.2	72.5	128.6
80,000	106,667	259	36.6	19.9	13.2	36,310	142,977	36.5	82.1	145.9
100,000	133,333	278	39.3	21.4	14.0	43,841	177,174	45.2	101.7	180.8
150,000	200,000	300	45.0	25.0	16.0	61,795	261,795	66.8	150.3	267.2
200,000	266,667	315	50.0	28.0	18.0	82,120	348,787	89.0	200.3	356.0
250,000	333,333	330	53.5	30.0	20.5	111,587	444,920	113.5	255.4	454.0

DISTANCE TABLE (Nautical Miles)

Mombasa	-	Aden	1615
Mombasa	-	Beira	1139
Mombasa	-	Berbera	1622
Mombasa	-	Bombay	2392
Mombasa	-	Cape Town	2503
Mombasa	-	Colombo	2496
Mombasa	-	Dar es salaam	171
Mombasa	-	Diego Garcia	1969
Mombasa	-	Djibouti	1729
Mombasa	-	Durban	1703
Mombasa	-	East Landon	1956
Mombasa	-	Kandla	2411
Mombasa	-	Karachi	2349
Mombasa	-	Kilifi	30
Mombasa	-	Kipini	105
Mombasa	-	Kismayu	301
Mombsaa	-	Lindi	384
Mombasa	-	Lamu	130
Mombasa	-	Madras	3037
Mombasa	-	Mahe Island	949
Mombasa	-	Malindi	60
Mombasa	-	Majunga	790
Mombasa	-	Maputo	1467
Mombasa	-	Mtwapa	9
Mombasa	-	Mauritius (Port Louis)	1419
Mombasa	-	Mogadiscio	499
Mombasa	-	Mtwara	368
Mombasa	-	Mukalla	1436
Mombasa	-	Muscat	2114
Mombasa	-	Tanga	66
Mombasa	-	Zanzibar	134

MOMBASA HARBOUR DISTANCE TABLE (Nautical miles)

Fairway Buoy to Channel Buoy No.6	2.00
Fairway Buoy to Old Harbour	3.00
Fairway Buoy to English Point (Ras Kidomoni)	3.20
Fairway Buoy to "A" Anchorage	3.50
Fairway Buoy to Mbaraki Wharf	3.50
Fairway Buoy to "B" Anchorage	3.80
Fairway Buoy to SECO	3.80
Fairway Buoy to AMGECO	3.80
Fairway Buoy to "C" Anchorage	4.10
Fairway Buoy to Wananchi	4.10
Fairway Buoy to Comarco	4.20
Fairway Buoy to "J" Anchorage	5.00
Fairway Buoy to Berth No.1	5.15
Fairway Buoy to Berth No.2	5.25
Fairway Buoy to Berth No.3	5.35
Fairway Buoy to Berth No.4	5.45
Fairway Buoy to "K" Anchorage	5.50
Fairway Buoy to Berth No.5	5.55
Fairway Buoy to Berth No.7	5.65
Fairway Buoy to Berth No.8	5.75
Fairway Buoy to Berth No.9	5.80
Fairway Buoy to Berth No.10	5.90
Fairway Buoy to SOT Jetty	6.00
Fairway Buoy to Berth "N" Anchorage	6.00
Fairway Buoy to Berth No.11	6.15
Fairway Buoy to Berth No.12	6.20
Fairway Buoy to Berth No.13	6.30
Fairway Buoy to Berth No.14	6.40
Fairway Buoy to "O" Anchorage	6.40
Fairway Buoy to Berth No.16	6.60
Fairway Buoy to Berth No.17	6.70
Fairway Buoy to Berth No.18	6.80
Fairway Buoy to KOT	7.10
Fairway Buoy to "W" Anchorage	8.60

AFRICA, EAST COAST
KILINDINI

ZONE TIME - 0300
Latitude 4°04‘S – Longitude 39°40‘E

TIMES OF SUNRISE, SUNSET AND CIVIL TWILIGHT

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Jan 1	0614	1835	1858
Jan 2	0615	1836	1858
Jan 3	0615	1836	1859
Jan 4	0616	1837	1859
Jan 5	0616	1837	1900
Jan 6	0617	1838	1900
Jan 7	0617	1838	1900
Jan 8	0618	1838	1901
Jan 9	0618	1839	1901
Jan 10	0618	1839	1901
Jan 11	0619	1839	1902
Jan 12	0619	1840	1902
Jan 13	0620	1840	1902
Jan 14	0620	1840	1903
Jan 15	0621	1841	1903
Jan 16	0621	1841	1903
Jan 17	0622	1841	1903
Jan 18	0622	1841	1904
Jan 19	0622	1842	1904
Jan 20	0623	1842	1904
Jan 21	0623	1842	1904
Jan 22	0623	1842	1904
Jan 23	0624	1843	1904
Jan 24	0624	1843	1905
Jan 25	0624	1843	1905
Jan 26	0625	1843	1905
Jan 27	0625	1843	1905
Jan 28	0625	1843	1905
Jan 29	0626	1843	1905
Jan 30	0626	1843	1905
Jan 31	0626	1843	1905

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Feb 1	0626	1843	1905
Feb 2	0627	1844	1905
Feb 3	0627	1844	1905
Feb 4	0627	1844	1905
Feb 5	0627	1844	1905
Feb 6	0627	1844	1905
Feb 7	0628	1844	1905
Feb 8	0628	1844	1905
Feb 9	0628	1943	1905
Feb 10	0628	1843	1905
Feb 11	0628	1843	1904
Feb 12	0628	1843	1904
Feb 13	0628	1843	1904
Feb 14	0628	1843	1904
Feb 15	0629	1843	1904
Feb 16	0629	1843	1904
Feb 17	0629	1843	1903
Feb 18	0629	1842	1903
Feb 19	0629	1842	1903
Feb 20	0629	1842	1903
Feb 21	0629	1842	1902
Feb 22	0629	1842	1902
Feb 23	0629	1841	1902
Feb 24	0629	1841	1902
Feb 25	0629	1841	1901
Feb 26	0629	1841	1901
Feb 27	0629	1840	1901
Feb 28	0628	1840	1900
Feb 29	0628	1840	1900

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Mar 1	0628	1843	1900
Mar 2	0628	1839	1900
Mar 3	0628	1839	1859
Mar 4	0628	1838	1859
Mar 5	0628	1838	1859
Mar 6	0628	1838	1858
Mar 7	0628	1837	1858
Mar 8	0627	1837	1858
Mar 9	0627	1836	1857
Mar 10	0627	1836	1857
Mar 11	0627	1836	1856
Mar 12	0627	1835	1856
Mar 13	0627	1835	1856
Mar 14	0627	1835	1855
Mar 15	0626	1834	1855
Mar 16	0626	1834	1854
Mar 17	0626	1833	1854
Mar 18	0626	1833	1854
Mar 19	0626	1833	1853
Mar 20	0626	1832	1853
Mar 21	0625	1832	1852
Mar 22	0625	1831	1852
Mar 23	0625	1831	1852
Mar 24	0625	1831	1851
Mar 25	0625	1830	1851
Mar 26	0624	1863	1850
Mar 27	0624	1862	1850
Mar 28	0624	1829	1850
Mar 29	0624	1828	1849
Mar 30	0624	1828	1849
Mar 31	0623	1828	1848

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Apr 1	0623	1827	1848
Apr 2	0623	1827	1848
Apr 3	0623	1826	1847
Apr 4	0623	1826	1847
Apr 5	0623	1826	1846
Apr 6	0622	1825	1846
Apr 7	0622	1825	1846
Apr 8	0622	1824	1845
Apr 9	0622	1824	1845
Apr 10	0622	1824	1845
Apr 11	0621	1823	1844
Apr 12	0621	1823	1844
Apr 13	0621	1823	1844
Apr 14	0621	1822	1843
Apr 15	0621	1822	1843
Apr 16	0621	1822	1843
Apr 17	0621	1821	1842
Apr 18	0620	1821	1842
Apr 19	0620	1821	1842
Apr 20	0620	1820	1841
Apr 21	0620	1820	1841
Apr 22	0620	1820	1841
Apr 23	0620	1819	1841
Apr 24	0620	1819	1840
Apr 25	0620	1819	1840
Apr 26	0620	1819	1840
Apr 27	0620	1818	1840
Apr 28	0620	1818	1839
Apr 29	0619	1818	1839
Apr 30	0619	1818	1839

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
May 1	0619	1817	1839
May 2	0619	1817	1839
May 3	0619	1817	1839
May 4	0619	1817	1838
May 5	0619	1817	1838
May 6	0619	1817	1838
May 7	0619	1816	1838
May 8	0619	1816	1838
May 9	0619	1816	1838
May 10	0619	1816	1838
May 11	0619	1816	1838
May 12	0619	1816	1838
May 13	0620	1816	1838
May 14	0620	1816	1838
May 15	0620	1816	1837
May 16	0620	1816	1837
May 17	0620	1815	1837
May 18	0620	1815	1837
May 19	0620	1815	1837
May 20	0620	1815	1837
May 21	0620	1815	1838
May 22	0620	1815	1838
May 23	0621	1815	1838
May 24	0621	1815	1838
May 25	0621	1816	1838
May 26	0621	1816	1838
May 27	0621	1816	1838
May 28	0621	1816	1838
May 29	0621	1816	1838
May 30	0622	1816	1838
May 31	0622	1816	1838

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Jun 1	0622	1816	1838
Jun 2	0622	1816	1839
Jun 3	0622	1816	1839
Jun 4	0623	1816	1839
Jun 5	0623	1817	1839
Jun 6	0623	1817	1839
Jun 7	0623	1817	1839
Jun 8	0623	1817	1840
Jun 9	0624	1817	1840
Jun 10	0624	1817	1840
Jun 11	0624	1818	1840
Jun 12	0624	1818	1840
Jun 13	0625	1818	1841
Jun 14	0625	1818	1841
Jun 15	0625	1818	1841
Jun 16	0625	1819	1841
Jun 17	0626	1819	1841
Jun 18	0626	1819	1842
Jun 19	0626	1819	1842
Jun 20	0626	1819	1842
Jun 21	0626	1820	1842
Jun 22	0627	1820	1842
Jun 23	0627	1820	1843
Jun 24	0627	1820	1843
Jun 25	0627	1821	1843
Jun 26	0627	1821	1843
Jun 27	0628	1821	1844
Jun 28	0628	1821	1844
Jun 29	0628	1821	1844
Jun 30	0628	1822	1844

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Jul 1	0628	1822	1844
Jul 2	0629	1822	1845
Jul 3	0629	1822	1845
Jul 4	0629	1822	1845
Jul 5	0629	1823	1845
Jul 6	0629	1823	1805
Jul 7	0629	1823	1846
Jul 8	0629	1823	1846
Jul 9	0630	1823	1846
Jul 10	0630	1824	1846
Jul 11	0630	1824	1846
Jul 12	0630	1824	1846
Jul 13	0630	1824	1846
Jul 14	0630	1824	1847
Jul 15	0630	1824	1847
Jul 16	0630	1825	1847
Jul 17	0630	1825	1847
Jul 18	0630	1825	1847
Jul 19	0630	1825	1847
Jul 20	0630	1825	1847
Jul 21	0630	1825	1847
Jul 22	0630	1825	1847
Jul 23	0630	1825	1847
Jul 24	0630	1826	1848
Jul 25	0630	1826	1848
Jul 26	0630	1826	1848
Jul 27	0630	1826	1848
Jul 28	0630	1826	1848
Jul 29	0630	1826	1848
Jul 30	0630	1826	1848
Jul 31	0630	1826	1848

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Aug 1	0629	1826	1848
Aug 2	0629	1826	1848
Aug 3	0629	1826	1848
Aug 4	0629	1826	1848
Aug 5	0629	1826	1847
Aug 6	0629	1826	1847
Aug 7	0628	1826	1847
Aug 8	0628	1826	1847
Aug 9	0628	1826	1847
Aug 10	0628	1826	1847
Aug 11	0628	1826	1847
Aug 12	0627	1825	1847
Aug 13	0627	1825	1847
Aug 14	0627	1825	1847
Aug 15	0627	1825	1847
Aug 16	0626	1825	1846
Aug 17	0626	1825	1846
Aug 18	0626	1825	1846
Aug 19	0625	1825	1846
Aug 20	0625	1825	1846
Aug 21	0625	1824	1846
Aug 22	0624	1824	1845
Aug 23	0624	1824	1845
Aug 24	0624	1824	1845
Aug 25	0623	1824	1845
Aug 26	0623	1824	1845
Aug 27	0622	1823	1844
Aug 28	0622	1823	1844
Aug 29	0622	1823	1844
Aug 30	0621	1823	1844
Aug 31	0621	1823	1843

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Sep 1	0620	1822	1843
Sep 2	0620	1822	1843
Sep 3	0620	1822	1843
Sep 4	0619	1822	1843
Sep 5	0619	1821	1842
Sep 6	0618	1821	1842
Sep 7	0618	1821	1842
Sep 8	0617	1821	1842
Sep 9	0617	1820	1841
Sep 10	0617	1820	1841
Sep 11	0616	1820	1841
Sep 12	0616	1820	1841
Sep 13	0615	1820	1840
Sep 14	0615	1819	1840
Sep 15	0614	1819	1840
Sep 16	0614	1819	1840
Sep 17	0613	1819	1839
Sep 18	0613	1818	1839
Sep 19	0612	1818	1839
Sep 20	0612	1818	1839
Sep 21	0611	1818	1838
Sep 22	0611	1817	1838
Sep 23	0611	1817	1838
Sep 24	0610	1817	1838
Sep 25	0610	1817	1837
Sep 26	0609	1816	1837
Sep 27	0609	1816	1837
Sep 28	0608	1816	1837
Sep 29	0608	1816	1836
Sep 30	0607	1815	1836

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Oct 1	0607	1815	1836
Oct 2	0606	1815	1836
Oct 3	0606	1815	1836
Oct 4	0606	1815	1835
Oct 5	0605	1814	1835
Oct 6	0605	1814	1835
Oct 7	0604	1814	1835
Oct 8	0604	1814	1835
Oct 9	0604	1814	1835
Oct 10	0603	1814	1834
Oct 11	0603	1813	1834
Oct 12	0602	1813	1834
Oct 13	0602	1813	1834
Oct 14	0602	1813	1834
Oct 15	0601	1813	1834
Oct 16	0601	1813	1834
Oct 17	0601	1813	1834
Oct 18	0600	1813	1834
Oct 19	0600	1813	1834
Oct 20	0600	1812	1834
Oct 21	0600	1812	1834
Oct 22	0559	1812	1834-
Oct 23	0559	1812	1834
Oct 24	0559	1812	1834
Oct 25	0559	1812	1834
Oct 26	0558	1812	1834
Oct 27	0558	1812	1834
Oct 28	0558	1812	1834
Oct 29	0558	1812	1834
Oct 30	0558	1812	1834
Oct 31	0557	1813	1834

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Nov 1	0557	1813	1834
Nov 2	0557	1813	1834
Nov 3	0557	1813	1834
Nov 4	0557	1813	1834
Nov 5	0557	1813	1835
Nov 6	0557	1813	1835
Nov 7	0557	1813	1835
Nov 8	0557	1813	1835
Nov 9	0557	1814	1835
Nov 10	0557	1814	1836
Nov 11	0557	1814	1836
Nov 12	0557	1814	1836
Nov 13	0557	1814	1836
Nov 14	0557	1815	1837
Nov 15	0557	1815	1837
Nov 16	0557	1815	1837
Nov 17	0557	1815	1837
Nov 18	0557	1816	1838
Nov 19	0557	1816	1838
Nov 20	0557	1816	1838
Nov 21	0558	1817	1839
Nov 22	0558	1817	1839
Nov 23	0558	1817	1840
Nov 24	0558	1818	1840
Nov 25	0558	1818	1840
Nov 26	0559	1818	1841
Nov 27	0559	1819	1841
Nov 28	0559	1819	1842
Nov 29	0559	1820	1842
Nov 30	0600	1820	1842

Mombasa

DATE	Sunrise	Sunset	Civil Twilight
Dec 1	0600	1820	1843
Dec 2	0600	1821	1843
Dec 3	0601	1821	1844
Dec 4	0601	1822	1844
Dec 5	0601	1822	1845
Dec 6	0602	1823	1845
Dec 7	0602	1823	1846
Dec 8	0603	1824	1846
Dec 9	0603	1824	1847
Dec 10	0603	1825	1847
Dec 11	0604	1825	1848
Dec 12	0604	1826	1848
Dec 13	0605	1826	1849
Dec 14	0605	1827	1849
Dec 15	0606	1827	1850
Dec 16	0606	1828	1850
Dec 17	0607	1828	1851
Dec 18	0607	1829	1851
Dec 19	0607	1829	1852
Dec 20	0608	1830	1852
Dec 21	0608	1830	1853
Dec 22	0609	1831	1853
Dec 23	0609	1831	1854
Dec 24	0610	1832	1854
Dec 25	0610	1832	1855
Dec 26	0611	1833	1855
Dec 27	0611	1833	1856
Dec 28	0612	1834	1856
Dec 29	0612	1834	1857
Dec 30	0613	1835	1857
Dec 31	0613	1835	1858

AFRICA, EAST COAST
KILINDINI TIDES

ZONE TIME - 0300
Latitude 4°03‘s – Longitude 39° 39‘E

TIDAL INFORMATION

HAT	4.1m
LAT	- 0.1m
MHWS	3.5m
MSL	1.88m

KENYA: KILINDINI TIDES 2025					
JANUARY					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Wed	01	0455	3.4	2310	0.5
Thur	02	0533	3.4	1804	2.9
Fri	03	0611	3.4	1842	2.9
Sat	04	0650	3.3	1923	2.9
Sun	05	0731	3.1	2009	2.9
Mon	06	0818	2.8	2102	2.9
Tue	07	0914	2.5	2208	2.8
Wed	08	1026	2.3	2324	2.8
Thur	09	1159	2.1	-	-
Fri	10	0044	2.9	1335	2.2
Sat	11	0157	3.0	1447	2.3
Sun	12	0256	3.2	1539	2.5
Mon	13	0345	3.4	1623	2.7
Tue	14	0428	3.4	1702	2.9
Wed	15	0507	3.4	1738	3.0
Thur	16	0542	3.4	1812	3.0
Fri	17	0615	3.3	1844	3.0
Sat	18	0646	3.1	1914	3.0
Sun	19	0716	2.9	1944	2.9
Mon	20	0747	2.7	2017	2.8
Tue	21	0818	2.5	2058	2.7
Wed	22	0856	2.3	2149	2.5
Thur	23	0956	2.0	2306	2.5
Fri	24	1145	1.9	-	-
Sat	25	0039	2.5	1348	1.9
Sun	26	0157	2.7	1455	2.1
Mon	27	0252	2.9	1539	2.4
Tue	28	0335	3.2	1614	2.7
Wed	29	0414	3.4	1647	2.9
Thur	30	0451	3.5	1719	3.1
Fri	31	0526	3.6	1752	3.3

KENYA: KILINDINI TIDES 2025					
JANUARY					
LOW WATER		A.M	LOW WATER		P.M
Day	Date	Time a.m	Ht.m	Time p.m	Ht.m
Wed	01	1122	0.3	2310	0.5
Thur	02	1156	0.3	2350	0.5
Fri	03	1231	0.3	-	-
Sat	04	0031	0.6	1308	0.4
Sun	05	0116	0.7	1346	0.5
Mon	06	0207	0.8	1429	0.7
Tue	07	0308	1.0	1519	0.8
Wed	08	0430	1.1	1623	1.0
Thur	09	0607	1.1	1747	1.1
Fri	10	0734	0.9	1912	1.0
Sat	11	0841	0.7	2021	0.9
Sun	12	0932	0.5	2115	0.8
Mon	13	1014	0.3	2202	0.6
Tue	14	1051	0.2	2243	0.5
Wed	15	1125	0.2	2322	0.5
Thur	16	1157	0.2	2358	0.5
Fri	17	1228	0.3	-	-
Sat	18	0033	0.6	1258	0.4
Sun	19	0108	0.7	1325	0.5
Mon	20	0144	0.9	1352	0.7
Tue	21	0223	1.1	1421	0.9
Wed	22	0311	1.2	1457	1.0
Thur	23	0420	1.4	1548	1.2
Fri	24	0613	1.4	1717	1.4
Sat	25	0754	1.2	1908	1.3
Sun	26	0852	1.0	2019	1.1
Mon	27	0931	0.7	2109	0.9
Tue	28	1006	0.5	2150	0.7
Wed	29	1038	0.3	2229	0.5
Thur	30	1109	0.2	2307	0.3
Fri	31	1141	0.1	2345	0.3

KENYA: KILINDINI TIDES 2025					
FEBRUARY					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	1	0602	3.6	1827	3.4
Sun	2	0637	3.4	1904	3.4
Mon	3	0713	3.2	1943	3.3
Tue	4	0751	2.9	2027	3.2
Wed	5	0835	2.6	2121	2.9
Thur	6	0933	2.2	2237	2.7
Fri	7	1118	1.9	-	-
Sat	8	0021	2.7	1341	2.0
Sun	9	0157	2.8	1458	2.3
Mon	10	0300	3.0	1544	2.6
Tue	11	0346	3.2	1620	2.9
Wed	12	0425	3.4	1653	3.1
Thur	13	0458	3.4	1723	3.2
Fri	14	0527	3.4	1750	3.3
Sat	15	0554	3.4	1816	3.3
Sun	16	0620	3.3	1840	3.3
Mon	17	0645	3.1	1904	3.2
Tue	18	0709	2.9	1931	3.1
Wed	19	0733	2.7	2001	2.9
Thur	20	0801	2.4	2039	2.7
Fri	21	0838	2.1	2138	2.5
Sat	22	0959	1.8	2338	2.4
Sun	23	1337	1.9	-	-
Mon	24	0135	2.6	1445	2.2
Tue	25	0238	2.9	1524	2.5
Wed	26	0322	3.2	1556	2.9
Thur	27	0400	3.5	1627	3.2
Fri	28	0435	3.6	1658	3.5

KENYA: KILINDINI TIDES 2025					
FEBRUARY					
LOW WATER A.M			LOW WATER P.M		
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	1	1212	0.1	-	-
Sun	2	0023	0.3	1245	0.1
Mon	3	0104	0.4	1319	0.3
Tue	4	0147	0.6	1354	0.5
Wed	5	0237	0.8	1434	0.8
Thur	6	0343	1.1	1524	1.0
Fri	7	0528	1.2	1649	1.3
Sat	8	0733	1.1	1902	1.3
Sun	9	0850	0.9	2028	1.1
Mon	10	0936	0.6	2123	0.9
Tue	11	1011	0.4	2204	0.7
Wed	12	1040	0.3	○ 2240	0.5
Thur	13	1107	0.2	2313	0.4
Fri	14	1134	0.2	2343	0.4
Sat	15	1200	0.2	-	-
Sun	16	0012	0.5	1225	0.3
Mon	17	0041	0.6	1248	0.4
Tue	18	0111	0.7	1311	0.6
Wed	19	0142	0.9	1335	0.7
Thur	20	0218	1.1	1403	1.0
Fri	21	0307	1.3	1438	1.2
Sat	22	0439	1.5	1541	1.4
Sun	23	0732	1.4	1830	1.5
Mon	24	0837	1.1	2006	1.3
Tue	25	0914	0.8	2058	1.0
Wed	26	0945	0.5	2139	0.7
Thur	27	1015	0.3	2216	0.4
Fri	28	1045	0.1	● 2253	0.2

KENYA: KILINDINI TIDES 2025					
MARCH					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	01	0510	3.7	1731	3.7
Sun	02	0544	3.7	1805	3.8
Mon	03	0617	3.5	1840	3.8
Tue	04	0651	3.3	1917	3.6
Wed	05	0727	2.9	1956	3.4
Thur	06	0807	2.6	2044	3.0
Fri	07	0859	2.2	2159	2.7
Sat	08	1109	1.9	-	-
Sun	09	0012	2.6	1353	2.1
Mon	10	0156	2.7	1452	2.5
Tue	11	0254	3.0	1530	2.8
Wed	12	0335	3.2	1601	3.1
Thur	13	0409	3.3	1629	3.3
Fri	14	0437	3.4	1656	3.5
Sat	15	0503	3.4	1720	3.5
Sun	16	0527	3.4	1743	3.6
Mon	17	0552	3.3	1806	3.5
Tue	18	0615	3.1	1829	3.4
Wed	19	0638	3.0	1855	3.3
Thur	20	0702	2.7	1923	3.1
Fri	21	0731	2.5	1958	2.9
Sat	22	0809	2.2	2051	2.7
Sun	23	0927	2.0	2250	2.5
Mon	24	1304	2.0	-	-
Tue	25	0103	2.6	1412	2.4
Wed	26	0210	2.9	1451	2.8
Thur	27	0256	3.2	1524	3.2
Fri	28	0335	3.5	1556	3.5
Sat	29	0412	3.6	1630	3.8
Sun	30	0447	3.7	1704	4.0
Mon	31	0522	3.6	1740	4.0

KENYA: KILINDINI TIDES 2025					
MARCH					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	01	1115	0.0	2330	0.1
Sun	02	1146	0.0	-	-
Mon	03	0008	0.1	1218	0.1
Tue	04	0047	0.2	1251	0.3
Wed	05	0128	0.5	1325	0.5
Thur	06	0214	0.8	1401	0.8
Fri	07	0314	1.1	1447	1.2
Sat	08	0504	1.4	1621	1.5
Sun	09	0731	1.3	1914	1.5
Mon	10	0841	1.0	2032	1.2
Tue	11	0920	0.8	2118	0.9
Wed	12	0949	0.6	2154	0.7
Thur	13	1014	0.5	2225	0.5
Fri	14	1038	0.4	○ 2253	0.4
Sat	15	1103	0.3	2320	0.4
Sun	16	1127	0.3	2346	0.4
Mon	17	1149	0.4	-	-
Tue	18	0013	0.5	1212	0.5
Wed	19	0042	0.6	1235	0.6
Thur	20	0112	0.8	1300	0.8
Fri	21	0147	1.0	1327	1.0
Sat	22	0232	1.3	1402	1.3
Sun	23	0351	1.5	1507	1.5
Mon	24	0640	1.5	1807	1.6
Tue	25	0755	1.2	1943	1.3
Wed	26	0836	0.9	2036	1.0
Thur	27	0910	0.6	2118	0.6
Fri	28	0942	0.4	2157	0.3
Sat	29	1014	0.2	● 2234	0.1
Sun	30	1045	0.1	2312	0.1
Mon	31	1118	0.1	2351	0.1

KENYA : KILINDINI TIDES 2025					
APRIL					
HIGH WATER A.M			HIGH WATER P.M		
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Tue	01	0557	3.4	1816	3.9
Wed	02	0633	3.2	1854	3.7
Thur	03	0711	2.9	1935	3.4
Fri	04	0754	2.6	2024	3.0
Sat	05	0857	2.2	2142	2.7
Sun	06	1121	2.1	2358	2.6
Mon	07	1324	2.4	-	-
Tue	08	0132	2.7	1420	2.7
Wed	09	0229	2.9	1457	3.0
Thur	10	0308	3.1	1528	3.2
Fri	11	0340	3.2	1556	3.4
Sat	12	0408	3.2	1622	3.5
Sun	13	0434	3.3	1646	3.6
Mon	14	0459	3.3	1710	3.6
Tue	15	0525	3.2	1734	3.6
Wed	16	0550	3.1	1800	3.5
Thur	17	0616	2.9	1828	3.4
Fri	18	0645	2.7	1901	3.2
Sat	19	0721	2.5	1941	3.0
Sun	20	0811	2.3	2039	2.8
Mon	21	0942	2.2	2222	2.6
Tue	22	1159	2.3	-	-
Wed	23	0015	2.7	1316	2.6
Thur	24	0128	2.9	1404	3.0
Fri	25	0220	3.1	1444	3.4
Sat	26	0304	3.3	1522	3.7
Sun	27	0345	3.4	1600	4.0
Mon	28	0423	3.4	1639	4.1
Tue	29	0502	3.4	1718	4.1
Wed	30	0541	3.3	1758	3.9

KENYA: KILINDINI TIDES 2025					
APRIL					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Tue	01	1152	0.2	-	-
Wed	02	0030	0.3	1227	0.4
Thur	03	0113	0.5	1303	0.7
Fri	04	0200	0.8	1344	1.0
Sat	05	0301	1.2	1438	1.4
Sun	06	0448	1.4	1650	1.6
Mon	07	0654	1.3	1906	1.5
Tue	08	0801	1.1	2013	1.3
Wed	09	0842	0.9	2056	1.0
Thur	10	0911	0.8	2130	0.8
Fri	11	0938	0.7	2200	0.6
Sat	12	1003	0.6	2228	0.5
Sun	13	1028	0.5	○ 2254	0.5
Mon	14	1053	0.5	2321	0.5
Tue	15	1117	0.6	2349	0.5
Wed	16	1141	0.6	-	-
Thur	17	0020	0.7	1208	0.8
Fri	18	0054	0.8	1237	0.9
Sat	19	0132	1.0	1310	1.1
Sun	20	0221	1.2	1356	1.4
Mon	21	0335	1.4	1519	1.6
Tue	22	0534	1.4	1743	1.6
Wed	23	0655	1.2	1909	1.3
Thur	24	0746	1.0	2005	0.9
Fri	25	0828	0.7	2052	0.6
Sat	26	0905	0.5	2134	0.4
Sun	27	0941	0.4	● 2215	0.2
Mon	28	1017	0.3	2255	0.1
Tue	29	1053	0.3	2336	0.2
Wed	30	1131	0.4	-	-

KENYA: KILINDINI TIDES 2025					
MAY					
HIGH WATER A.M			HIGH WATER P.M		
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Thur	01	0622	3.1	1839	3.7
Fri	02	0706	2.8	1924	3.4
Sat	03	0757	2.6	2018	3.0
Sun	04	0908	2.4	2132	2.7
Mon	05	1053	2.4	2315	2.6
Tue	06	1226	2.6	-	-
Wed	07	0043	2.6	1327	2.8
Thur	08	0144	2.7	1410	3.0
Fri	09	0228	2.8	1446	3.2
Sat	10	0303	2.9	1517	3.4
Sun	11	0335	3.0	1546	3.5
Mon	12	0404	3.0	1613	3.5
Tue	13	0434	3.0	1641	3.5
Wed	14	0504	3.0	1710	3.5
Thur	15	0534	2.9	1741	3.5
Fri	16	0606	2.8	1814	3.4
Sat	17	0642	2.7	1853	3.2
Sun	18	0726	2.6	1939	3.1
Mon	19	0821	2.5	2037	2.9
Tue	20	0934	2.5	2155	2.7
Wed	21	1100	2.6	2321	2.7
Thur	22	1214	2.8	-	-
Fri	23	0037	2.8	1314	3.1
Sat	24	0139	2.9	1405	3.4
Sun	25	0233	3.0	1451	3.7
Mon	26	0320	3.1	1536	3.8
Tue	27	0405	3.1	1620	3.9
Wed	28	0449	3.1	1703	3.9
Thur	29	0534	3.0	1747	3.7
Fri	30	0618	3.0	1832	3.5
Sat	31	0705	2.9	1918	3.3

KENYA: KILINDINI TIDES
2025

MAY

LOW WATER		A.M		LOW WATER	P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Tim p.m**	**Ht.m**
Thur	01	0019	0.3	1211	0.6
Fri	02	0104	0.6	1253	0.8
Sat	03	0153	0.8	1343	1.1
Sun	04	0253	1.1	1452	1.4
Mon	05	0416	1.3	1650	1.6
Tue	06	0548	1.3	1828	1.5
Wed	07	0656	1.2	1933	1.3
Thur	08	0745	1.1	2020	1.1
Fri	09	0822	1.0	2058	0.9
Sat	10	0855	0.9	2121	0.8
Sun	11	0926	0.8	2201	0.7
Mon	12	0954	0.7	2231	0.6
Tue	13	1022	0.7	2301	0.6
Wed	14	1051	0.7	2333	0.6
Thur	15	1121	0.8	-	-
Fri	16	0008	0.7	1153	0.9
Sat	17	0046	0.8	1229	1.0
Sun	18	0127	0.9	1312	1.1
Mon	19	0216	1.1	1407	1.3
Tue	20	0317	1.2	1527	1.4
Wed	21	0433	1.2	1707	1.4
Thur	22	0548	1.2	1829	1.2
Fri	23	0650	1.0	1932	0.9
Sat	24	0742	0.8	2026	0.7
Sun	25	0828	0.7	2115	0.5
Mon	26	0911	0.5	2200	0.3
Tue	27	0954	0.5	2244	0.2
Wed	28	1036	0.5	2328	0.3
Thur	29	1119	0.5	-	-
Fri	30	0012	0.4	1205	0.7
Sat	31	0057	0.5	1252	0.9

KENYA: KILINDINI TIDES 2025					
JUNE					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sun	01	0756	2.8	2009	3.0
Mon	02	0854	2.7	2106	2.8
Tue	03	1003	2.6	2213	2.6
Wed	04	1115	2.7	2326	2.5
Thur	05	1220	2.8	-	-
Fri	06	0035	2.5	1314	2.9
Sat	07	0133	2.5	1359	3.0
Sun	08	0221	2.6	1438	3.1
Mon	09	0303	2.6	1513	3.2
Tue	10	0341	2.7	1548	3.3
Wed	11	0418	2.7	1622	3.4
Thur	12	0453	2.8	1656	3.4
Fri	13	0528	2.8	1733	3.4
Sat	14	0603	2.8	1810	3.4
Sun	15	0641	2.8	1850	3.3
Mon	16	0724	2.8	1934	3.1
Tue	17	0812	2.8	2024	3.0
Wed	18	0908	2.8	2122	2.8
Thur	19	1013	2.8	2230	2.6
Fri	20	1122	2.9	2345	2.5
Sat	21	1230	3.1	-	-
Sun	22	0100	2.5	1334	3.3
Mon	23	0209	2.6	1431	3.4
Tue	24	0307	2.7	1523	3.6
Wed	25	0358	2.8	1612	3.7
Thur	26	0446	2.9	1658	3.7
Fri	27	0530	3.0	1742	3.6
Sat	28	0613	3.0	1824	3.5
Sun	29	0655	3.0	1905	3.3
Mon	30	0737	3.0	1945	3.1

KENYA: KILINDINI TIDES 2025					
JUNE					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sun	01	0144	0.7	1345	1.1
Mon	02	0234	0.9	1448	1.3
Tue	03	0331	1.1	1609	1.4
Wed	04	0435	1.2	1732	1.4
Thur	05	0539	1.2	1840	1.3
Fri	06	0637	1.2	1936	1.2
Sat	07	0727	1.1	2023	1.0
Sun	08	0811	1.0	2104	0.9
Mon	09	0850	1.0	2140	0.8
Tue	10	0926	0.9	2215	0.7
Wed	11	1000	0.8	○ 2250	0.6
Thur	12	1035	0.8	2325	0.6
Fri	13	1111	0.8	-	-
Sat	14	0002	0.6	1149	0.8
Sun	15	0039	0.6	1229	0.9
Mon	16	0118	0.7	1314	1.0
Tue	17	0200	0.8	1405	1.0
Wed	18	0246	0.9	1508	1.1
Thur	19	0340	1.0	1625	1.2
Fri	20	0442	1.0	1748	1.1
Sat	21	0551	1.0	1903	1.0
Sun	22	0658	0.9	2008	0.8
Mon	23	0759	0.8	2104	0.6
Tue	24	0853	0.7	2154	0.4
Wed	25	0943	0.6	● 2240	0.3
Thur	26	1030	0.5	2322	0.3
Fri	27	1116	0.5	-	-
Sat	28	0003	0.3	1201	0.6
Sun	29	0043	0.4	1246	0.7
Mon	30	0122	0.5	1331	0.9

KENYA: KILINDINI TIDES 2025					
JULY					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Tue	01	0820	2.9	2027	2.8
Wed	02	0906	2.8	2112	2.6
Thur	03	0958	2.7	2205	2.4
Fri	04	1059	2.7	2310	2.2
Sat	05	1204	2.7	-	-
Sun	06	0026	2.2	1309	2.7
Mon	07	0142	2.2	1404	2.9
Tue	08	0242	2.3	1451	3.0
Wed	09	0329	2.4	1533	3.2
Thur	10	0409	2.6	1612	3.3
Fri	11	0445	2.7	1649	3.4
Sat	12	0520	2.8	1726	3.4
Sun	13	0554	2.9	1802	3.4
Mon	14	0629	3.0	1839	3.4
Tue	15	0707	3.1	1918	3.2
Wed	16	0748	3.1	1959	3.0
Thur	17	0835	3.0	2046	2.8
Fri	18	0930	3.0	2144	2.5
Sat	19	1037	2.9	2300	2.3
Sun	20	1156	2.9	-	-
Mon	21	0036	2.2	1318	3.0
Tue	22	0206	2.3	1427	3.2
Wed	23	0310	2.5	1523	3.3
Thur	24	0359	2.7	1711	3.5
Fri	25	0442	2.9	1653	3.5
Sat	26	0521	3.1	1732	3.5
Sun	27	0557	3.2	1807	3.4
Mon	28	0631	3.2	1840	3.3
Tue	29	0704	3.2	1912	3.1
Wed	30	0736	3.1	1943	2.9
Thur	31	0809	2.9	2016	2.6

KENYA: KILINDINI TIDES 2025					
JULY					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Tue	01	0201	0.7	1418	1.0
Wed	02	0240	0.8	1511	1.2
Thur	03	0323	1.0	1615	1.3
Fri	04	0414	1.1	1731	1.3
Sat	05	0516	1.2	1847	1.3
Sun	06	0625	1.2	1951	1.2
Mon	07	0729	1.2	2044	1.0
Tue	08	0822	1.1	2127	0.8
Wed	09	0908	1.0	2205	0.7
Thur	10	0948	0.8	○ 2240	0.5
Fri	11	1026	0.7	2314	0.4
Sat	12	1104	0.6	2348	0.4
Sun	13	1142	0.6	-	-
Mon	14	0021	0.4	1221	0.6
Tue	15	0056	0.4	1302	0.6
Wed	16	0131	0.5	1347	0.7
Thur	17	0209	0.6	1438	0.9
Fri	18	0253	0.8	1542	1.0
Sat	19	0346	0.9	1707	1.1
Sun	20	0457	1.1	1844	1.1
Mon	21	0626	1.1	2005	0.9
Tue	22	0748	1.0	2106	0.7
Wed	23	0851	0.8	2154	0.5
Thur	24	0943	0.6	● 2234	0.3
Fri	25	1028	0.5	2310	0.3
Sat	26	1110	0.4	2344	0.2
Sun	27	1149	0.4	-	-
Mon	28	0016	0.3	1226	0.5
Tue	29	0048	0.4	1302	0.6
Wed	30	0119	0.5	1337	0.8
Thur	31	0148	0.7	1415	1.0

KENYA: KILINDINI TIDES 2025					
AUGUST					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Fri	01	0847	2.8	2054	2.4
Sat	02	0935	2.6	2145	2.1
Sun	03	1044	2.5	2314	2.0
Mon	04	1217	2.5	-	-
Tue	05	0119	2.0	1342	2.6
Wed	06	0236	2.2	1439	2.9
Thur	07	0321	2.4	1523	3.1
Fri	08	0357	2.6	1601	3.3
Sat	09	0430	2.9	1636	3.5
Sun	10	0500	3.1	1711	3.6
Mon	11	0532	3.3	1745	3.6
Tue	12	0605	3.4	1819	3.5
Wed	13	0640	3.4	1853	3.3
Thur	14	0718	3.4	1930	3.0
Fri	15	0759	3.2	2011	2.7
Sat	16	0849	3.0	2103	2.3
Sun	17	0957	2.8	2227	2.1
Mon	18	1136	2.7	-	-
Tue	19	0047	2.0	1322	2.8
Wed	20	0222	2.3	1433	3.0
Thur	21	0314	2.6	1523	3.2
Fri	22	0353	2.9	1605	3.4
Sat	23	0428	3.1	1640	3.5
Sun	24	0500	3.3	1712	3.5
Mon	25	0530	3.4	1741	3.4
Tue	26	0558	3.4	1809	3.3
Wed	27	0624	3.3	1835	3.1
Thur	28	0650	3.2	1901	2.9
Fri	29	0717	3.1	1927	2.7
Sat	30	0748	2.9	1955	2.4
Sun	31	0826	2.7	2033	2.1

KENYA: KILINDINI TIDES 2025					
AUGUST					
LOW WATER A.M			LOW WATER P.M		
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Fri	01	0218	09	1459	1.2
Sat	02	0253	1.0	1559	1.3
Sun	03	0341	1.2	1744	1.4
Mon	04	0504	1.4	1931	1.3
Tue	05	0656	1.3	2034	1.1
Wed	06	0808	1.2	2116	0.8
Thur	07	0857	1.0	2150	0.6
Fri	08	0937	0.7	2221	0.4
Sat	09	1014	0.5	○ 2252	0.3
Sun	10	1050	0.4	2322	0.2
Mon	11	1126	0.3	2352	0.2
Tue	12	1203	0.3	-	-
Wed	13	0024	0.2	1241	0.3
Thur	14	0057	0.3	1322	0.5
Fri	15	0132	0.5	1407	0.7
Sat	16	0210	0.7	1505	1.0
Sun	17	0259	1.0	1635	1.2
Mon	18	0416	1.2	1846	1.2
Tue	19	0626	1.3	2013	1.0
Wed	20	0759	1.1	2106	0.7
Thur	21	0857	0.8	2145	0.5
Fri	22	0942	0.6	2217	0.3
Sat	23	1020	0.4	● 2246	0.3
Sun	24	1055	0.3	2314	0.2
Mon	25	1127	0.3	2341	0.3
Tue	26	1157	0.4	-	-
Wed	27	0008	0.3	1227	0.5
Thur	28	0033	0.5	1256	0.6
Fri	29	0057	0.6	1327	0.8
Sat	30	0123	0.8	1402	1.1
Sun	31	0152	1.0	1448	1.3

KENYA: KILINDINI TIDES 2025					
SEPTEMBER					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Mon	01	0925	2.4	1258	1.9
Tue	02	1125	2.3	-	-
Wed	03	0123	1.9	1325	2.5
Thur	04	0226	2.2	1424	2.8
Fri	05	0303	2.5	1505	3.1
Sat	06	0334	2.9	1541	3.3
Sun	07	0403	3.2	1615	3.5
Mon	08	0432	3.4	1648	3.6
Tue	09	0503	3.6	1721	3.6
Wed	10	0536	3.7	1754	3.5
Thur	11	0611	3.7	1827	3.2
Fri	12	0647	3.6	1903	2.9
Sat	13	0727	3.3	1943	2.6
Sun	14	0814	3.0	2035	2.2
Mon	15	0923	2.7	2225	2.0
Tue	16	1133	2.5	-	-
Wed	17	0116	2.1	1328	2.7
Thur	18	0222	2.5	1429	2.9
Fri	19	0301	2.8	1512	3.1
Sat	20	0334	3.1	1548	3.3
Sun	21	0403	3.4	1619	3.4
Mon	22	0431	3.5	1646	3.4
Tue	23	0457	3.6	1711	3.3
Wed	24	0521	3.5	1736	3.2
Thur	25	0545	3.5	1801	3.0
Fri	26	0609	3.3	1824	2.9
Sat	27	0634	3.2	1848	2.6
Sun	28	0702	3.0	1916	2.4
Mon	29	0736	2.7	1955	2.1
Tue	30	0827	2.5	2119	1.9

KENYA: KILINDINI TIDES 2025					
SEPTEMBER					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Mon	01	0229	1.3	1618	1.5
Tue	02	0344	1.5	1915	1.4
Wed	03	0639	1.5	2017	1.1
Thur	04	0758	1.2	2053	0.9
Fri	05	0843	0.9	2123	0.6
Sat	06	0920	0.6	2151	0.4
Sun	07	0955	0.4	○ 2220	0.2
Mon	08	1030	0.2	2249	0.1
Tue	09	1105	0.1	2319	0.1
Wed	10	1141	0.1	2350	0.1
Thur	11	1218	0.2	-	-
Fri	12	0023	0.3	1258	0.4
Sat	13	0057	0.5	1343	0.7
Sun	14	0135	0.8	1439	1.0
Mon	15	0224	1.1	1619	1.3
Tue	16	0404	1.4	1852	1.2
Wed	17	0650	1.4	2005	1.0
Thur	18	0807	1.1	2049	0.7
Fri	19	0854	0.8	2122	0.6
Sat	20	0931	0.5	2149	0.4
Sun	21	1003	0.4	● 2214	0.3
Mon	22	1033	0.3	2239	0.3
Tue	23	1101	0.3	2304	0.3
Wed	24	1127	0.3	2328	0.4
Thur	25	1153	0.4	2350	0.5
Fri	26	1220	0.5	-	-
Sat	27	0014	0.6	1250	0.7
Sun	28	0039	0.8	1322	1.0
Mon	29	0106	1.1	1404	1.2
Tue	30	0139	1.3	1520	1.5

KENYA: KILINDINI TIDES 2025					
OCTOBER					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Wed	01	1031	2.3	-	-
Thur	02	0059	2.0	1250	2.4
Fri	03	0155	2.4	1354	2.7
Sat	04	0229	2.7	1437	3.0
Sun	05	0300	3.1	1514	3.3
Mon	06	0330	3.4	1549	3.4
Tue	07	0401	3.7	1622	3.5
Wed	08	0434	3.9	1656	3.5
Thur	09	0509	3.9	1731	3.3
Fri	10	0545	3.8	1807	3.1
Sat	11	0623	3.6	1845	2.8
Sun	12	0703	3.3	1929	2.5
Mon	13	0752	3.0	2031	2.2
Tue	14	0905	2.6	2241	2.1
Wed	15	1122	2.4	-	-
Thur	16	0058	2.3	1309	2.5
Fri	17	0155	2.7	1407	2.8
Sat	18	0233	3.0	1449	2.9
Sun	19	0304	3.2	1523	3.1
Mon	20	0333	3.4	1552	3.1
Tue	21	0400	3.5	1618	3.1
Wed	22	0424	3.6	1643	3.1
Thur	23	0448	3.5	1709	3.0
Fri	24	0512	3.5	1734	2.9
Sat	25	0537	3.4	1759	2.8
Sun	26	0604	3.2	1827	2.6
Mon	27	0634	3.0	1900	2.4
Tue	28	0711	2.8	1947	2.2
Wed	29	0804	2.6	2110	2.1
Thur	30	0941	2.4	2334	2.1
Fri	31	1147	2.4	-	-

KENYA: KILINDINI TIDES 2025					
OCTOBER					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Wed	01	0254	1.6	1829	1.4
Thur	02	0619	1.6	1935	1.2
Fri	03	0734	1.3	2013	0.9
Sat	04	0819	0.9	2045	0.7
Sun	05	0856	0.6	2115	0.4
Mon	06	0932	0.3	2145	0.2
Tue	07	1008	0.1	○ 2215	0.1
Wed	08	1044	0.0	2247	0.1
Thur	09	1121	0.0	2320	0.2
Fri	10	1159	0.1	2355	0.3
Sat	11	1240	0.4	-	-
Sun	12	0032	0.6	1327	0.7
Mon	13	0114	0.9	1425	1.0
Tue	14	0212	1.3	1607	1.3
Wed	15	0434	1.5	1823	1.2
Thur	16	0648	1.4	1932	1.0
Fri	17	0753	1.1	2015	0.9
Sat	18	0836	0.8	2047	0.7
Sun	19	0911	0.6	2114	0.6
Mon	20	0941	0.4	2140	0.5
Tue	21	1009	0.3	● 2205	0.5
Wed	22	1036	0.3	2229	0.5
Thur	23	1101	0.3	2253	0.5
Fri	24	1128	0.4	2317	0.6
Sat	25	1156	0.5	2343	0.7
Sun	26	1226	0.7	-	-
Mon	27	0011	0.9	1301	0.9
Tue	28	0042	1.1	1346	1.1
Wed	29	0124	1.3	1452	1.3
Thur	30	0249	1.6	1656	1.4
Fri	31	0530	1.5	1829	1.2

KENYA: KILINDINI TIDES
2025

NOVEMBER

HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	01	0056	2.5	1305	2.6
Sun	02	0142	2.8	1358	2.8
Mon	03	0219	3.2	1442	3.0
Tue	04	0256	3.5	1521	3.2
Wed	05	0332	3.8	1559	3.2
Thur	06	0410	3.9	1637	3.2
Fri	07	0448	3.9	1716	3.1
Sat	08	9527	3.8	1756	3.0
Sun	09	0609	3.6	1840	2.8
Mon	10	0653	3.3	1930	2.5
Tue	11	0744	2.9	2036	2.4
Wed	12	0853	2.6	2213	2.3
Thur	13	1034	2.4	2357	2.4
Fri	14	1217	2.4	-	-
Sat	15	0106	2.7	1327	2.5
Sun	16	0152	2.9	1415	2.6
Mon	17	0229	3.1	1452	2.7
Tue	18	0301	3.3	1524	2.8
Wed	19	0330	3.4	1554	2.8
Thur	20	0356	3.4	1622	2.8
Fri	21	0423	3.4	1651	2.8
Sat	22	0450	3.4	1720	2.7
Sun	23	0519	3.3	1749	2.7
Mon	24	0551	3.2	1822	2.6
Tue	25	0625	3.1	1859	2.5
Wed	26	0705	2.9	1947	2.4
Thur	27	0755	2.7	2050	2.3
Fri	28	0903	2.5	2213	2.4
Sat	29	1033	2.4	2336	2.6
Sun	30	1200	2.4	-	-

KENYA: KILINDINI TIDES 2025					
NOVEMBER					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	01	0654	1.2	1920	1.0
Sun	02	0746	0.9	2000	0.7
Mon	03	0830	0.6	2036	0.5
Tue	04	0910	0.3	2111	0.3
Wed	05	0949	0.1	O 2146	0.2
Thur	06	1028	0.0	2222	0.2
Fri	07	1108	0.0	2300	0.3
Sat	08	1148	0.1	2339	0.4
Sun	09	1232	0.4	-	-
Mon	10	0021	0.7	1320	0.6
Tue	11	0111	1.0	1416	0.9
Wed	12	0219	1.3	1533	1.1
Thur	13	0420	1.5	1714	1.2
Fri	14	0610	1.3	1832	1.1
Sat	15	0718	1.1	1924	1.0
Sun	16	0806	0.9	2003	0.9
Mon	17	0845	0.7	2036	0.8
Tue	18	0918	0.6	2106	0.7
Wed	19	0948	0.5	2135	0.6
Thur	20	1016	0.4	● 2202	0.6
Fri	21	1045	0.4	2230	0.6
Sat	22	1114	0.4	2259	0.7
Sun	23	1145	0.5	2330	0.8
Mon	24	1218	0.6	-	-
Tue	25	0003	0.9	1255	0.7
Wed	26	0042	1.0	1337	0.9
Thur	27	0131	1.2	1428	1.0
Fri	28	0241	1.3	1535	1.1
Sat	29	0426	1.4	1658	1.1
Sun	30	0600	1.2	1811	1.0

KENYA: KILINDINI TIDES 2025					
DECEMBER					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Mon	01	0043	2.8	1311	2.5
Tue	02	0138	3.1	1409	2.7
Wed	03	0226	3.4	1459	2.8
Thur	04	0311	3.6	1544	2.9
Fri	05	0355	3.8	1628	2.9
Sat	06	0438	3.8	1711	3.0
Sun	07	0521	3.7	1755	2.9
Mon	08	0605	3.5	1841	2.8
Tue	09	0649	3.3	1928	2.8
Wed	10	0737	3.0	2021	2.7
Thur	11	0829	2.7	2123	2.6
Fri	12	0931	2.4	2236	2.5
Sat	13	1049	2.2	2352	2.6
Sun	14	1213	2.2	-	-
Mon	15	0056	2.7	1325	2.2
Tue	16	0148	2.8	1419	2.3
Wed	17	0229	3.0	1502	2.4
Thur	18	0305	3.1	1539	2.5
Fri	19	0338	3.2	1613	2.6
Sat	20	0410	3.2	1645	2.6
Sun	21	0442	3.3	1717	2.7
Mon	22	0515	3.3	1748	2.7
Tue	23	0548	3.3	1820	2.7
Wed	24	0623	3.2	1855	2.7
Thur	25	0700	3.1	1935	2.7
Fri	26	0742	2.9	2022	2.7
Sat	27	0830	2.7	2119	2.7
Sun	28	0931	2.4	2229	2.7
Mon	29	1051	2.3	2346	2.8
Tue	30	1221	2.2	-	-
Wed	31	0100	3.0	1344	2.3

KENYA: KILINDINI TIDES 2025					
DECEMBER					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Mon	01	0709	0.9	1909	0.9
Tue	02	0804	0.7	1958	0.7
Wed	03	0853	0.4	2043	0.5
Thur	04	0937	0.2	2127	0.4
Fri	05	1020	0.1	○ 2209	0.3
Sat	06	1103	0.1	2252	0.4
Sun	07	1145	0.1	2336	0.5
Mon	08	1227	0.3	-	-
Tue	09	0023	0.6	1311	0.5
Wed	10	0114	0.8	1357	0.7
Thur	11	1126	0.3	2352	0.2
Fri	12	1203	0.3	-	-
Sat	13	0024	0.2	1241	0.3
Sun	14	0057	0.3	1322	0.5
Mon	15	0132	0.5	1407	0.7
Tue	16	0210	0.7	1505	1.0
Wed	17	0259	1.0	1635	1.2
Thur	18	0416	1.2	1846	1.2
Fri	19	0626	1.3	2013	1.0
Sat	20	0759	1.1	2106	0.7
Sun	21	0857	0.8	2145	0.5
Mon	22	0942	0.6	2217	0.3
Tue	23	1020	0.4	● 2246	0.3
Wed	24	0005	0.7	1246	0.5
Thur	25	0044	0.8	1321	0.6
Fri	26	0128	0.9	1400	0.7
Sat	27	0220	1.0	1444	0.8
Sun	28	0327	1.1	1539	1.0
Mon	29	0456	1.2	1649	1.0
Tue	30	0629	1.1	1811	1.0
Wed	31	0745	0.8	1926	0.9

AFRICA, EAST COAST
DAR-ES-SALAAM TIDES

ZONE TIME – 0300
Latitude 6° 50′S Longitude 039° 17′E

TIDAL INFORMATION

HAT	4.3m
LAT	0.0m
MHWS	3.6m
MSL	+2.0m

TANZANIA: DAR ES-SALAAM 2025					
JANUARY					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Wed	01	0448	3.7	1723	3.1
Thur	02	0525	3.7	1759	3.2
Fri	03	0604	3.7	1837	3.2
Sat	04	0644	3.5	1919	3.3
Sun	05	0728	3.3	2005	3.2
Mon	06	0815	3.1	2057	3.2
Tue	07	0910	2.8	2158	3.1
Wed	08	1019	2.5	2312	3.1
Thur	09	1150	2.4	-	-
Fri	10	0035	3.1	1323	2.4
Sat	11	0150	3.3	1441	2.6
Sun	12	0251	3.4	1537	2.8
Mon	13	0341	3.6	1621	3.0
Tue	14	0424	3.7	1659	3.2
Wed	15	0503	3.7	1734	3.3
Thur	16	0539	3.7	1807	3.3
Fri	17	0613	3.6	1840	3.3
Sat	18	0644	3.4	1911	3.2
Sun	19	0715	3.2	1944	3.1
Mon	20	0746	2.9	2018	3.0
Tue	21	0819	2.7	2058	2.9
Wed	22	0858	2.5	2151	2.7
Thur	23	0959	2.2	2308	2.7
Fri	24	1200	2.1	-	-
Sat	25	0043	2.7	1351	2.2
Sun	26	0156	2.9	1454	2.4
Mon	27	0248	3.2	1535	2.7
Tue	28	0330	3.4	1609	3.0
Wed	29	0407	3.6	1641	3.2
Thur	30	0443	3.8	1713	3.4
Fri	31	0518	3.9	1747	3.6

TANZANIA: DAR ES-SALAAM 2025					
JANUARY					
LOW WATER		A.M	LOW WATER		P.M
	Date	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Wed	01	1113	0.4	2306	0.7
Thur	02	1148	0.4	2345	0.7
Fri	03	1223	0.5	-	-
Sat	04	0027	0.8	1301	0.5
Sun	05	0114	0.9	1341	0.6
Mon	06	0206	1.0	1425	0.8
Tue	07	0305	1.1	1514	0.9
Wed	08	0420	1.2	1616	1.1
Thur	09	0553	1.3	1737	1.2
Fri	10	0721	1.1	1906	1.2
Sat	11	0834	0.9	2022	1.1
Sun	12	0928	0.7	2118	0.9
Mon	13	1012	0.5	2204	0.7
Tue	14	1049	0.4	○ 2245	0.6
Wed	15	1124	0.4	2322	0.6
Thur	16	1156	0.4	2358	0.7
Fri	17	1227	0.5	-	-
Sat	18	0033	0.8	1257	0.6
Sun	19	0108	0.9	1327	0.7
Mon	20	0145	1.1	1358	0.9
Tue	21	0225	1.2	1431	1.1
Wed	22	0313	1.4	1509	1.3
Thur	23	0423	1.5	1603	1.4
Fri	24	0609	1.6	1735	1.6
Sat	25	0746	1.4	1919	1.5
Sun	26	0847	1.1	2027	1.3
Mon	27	0927	0.9	2113	1.1
Tue	28	1001	0.6	2152	0.8
Wed	29	1032	0.4	● 2228	0.6
Thur	30	1102	0.3	2304	0.5
Fri	31	1133	0.2	2340	0.4

TANZANIA: DAR ES-SALAAM 2025					
FEBRUARY					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	01	0554	3.8	1822	3.2
Sun	02	0631	3.7	1859	3.7
Mon	03	0709	3.4	1939	3.6
Tue	04	0750	3.2	2023	3.4
Wed	05	0834	2.8	2116	3.2
Thur	06	0932	2.5	2227	3.0
Fri	07	1111	2.2	-	-
Sat	08	0011	2.9	1332	2.2
Sun	09	0153	3.0	1501	2.5
Mon	10	0302	3.2	1549	2.8
Tue	11	0350	3.5	1625	3.1
Wed	12	0427	3.6	1656	3.3
Thur	13	0500	3.7	1723	3.5
Fri	14	0529	3.7	1750	3.6
at	15	0556	3.6	1816	3.6
Sun	16	0621	3.5	1841	3.5
Mon	17	0646	3.3	1906	3.4
Tue	18	0709	3.1	1931	3.2
Wed	19	0732	2.8	1959	3.1
Thur	20	0759	2.6	2036	2.9
Fri	21	0835	2.3	2140	2.7
Sat	22	1003	2.0	2344	2.6
Sun	23	1345	2.1	-	-
Mon	24	0138	2.8	1447	2.4
Tue	25	0237	3.1	1522	2.8
Wed	26	0318	3.4	1552	3.2
Thur	27	0354	3.7	1622	3.5
Fri	28	0428	3.9	1653	3.8

TANZANIA: DAR ES-SALAAM 2025					
FEBRUARY					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	01	1206	0.2	-	-
Sun	02	0019	0.4	1240	0.3
Mon	03	0101	0.5	1316	0.4
Tue	04	0146	0.7	1353	0.6
Wed	05	0236	0.9	1435	0.8
Thur	06	0338	1.2	1525	1.1
Fri	07	0514	1.4	1646	1.4
Sat	08	0725	1.4	1907	1.5
Sun	09	0852	1.1	2037	1.3
Mon	10	0939	0.8	2131	1.0
Tue	11	1015	0.6	2212	0.8
Wed	12	1046	0.4	○2246	0.6
Thur	13	1114	0.4	2317	0.5
Fri	14	1139	0.3	2346	0.5
at	15	1204	0.4	-	-
Sun	16	0014	0.6	1228	0.5
Mon	17	0042	0.7	1252	0.6
Tue	18	0111	0.8	1316	0.8
Wed	19	0142	1.0	1341	0.9
Thur	20	0217	1.3	1407	1.2
Fri	21	0306	1.5	1440	1.4
Sat	22	0443	1.7	1553	1.7
Sun	23	0740	1.6	1900	1.7
Mon	24	0841	1.2	2022	1.4
Tue	25	0915	0.9	2106	1.1
Wed	26	0944	0.6	2143	0.7
Thur	27	1011	0.4	2217	0.5
Fri	28	1039	0.2	●2251	0.3

TANZANIA: DAR ES-SALAAM 2025					
MARCH					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	01	0502	4.0	1725	4.0
Sun	02	0536	3.9	1759	4.0
Mon	03	0611	3.7	1834	4.0
Tue	04	0648	3.5	1912	3.8
Wed	05	0726	3.2	1954	3.5
Thur	06	0808	2.8	2044	3.2
Fri	07	0904	2.4	2155	2.9
Sat	08	1059	2.1	-	-
Sun	09	0006	2.7	1353	2.3
Mon	10	0159	2.9	1500	2.7
Tue	11	0302	3.2	1540	3.0
Wed	12	0344	3.4	1611	3.3
Thur	13	0416	3.6	1637	3.5
Fri	14	0444	3.7	1701	3.7
Sat	15	0509	3.7	1724	3.7
Sun	16	0533	3.6	1747	3.7
Mon	17	0556	3.5	1810	3.7
Tue	18	0618	3.3	1832	3.6
Wed	19	0639	3.1	1854	3.4
Thur	20	0701	2.9	1919	3.2
Fri	21	0726	2.6	1952	3.0
Sat	22	0802	2.4	2048	2.8
Sun	23	0923	2.1	2249	2.6
Mon	24	1310	2.2	-	-
Tue	25	0106	2.8	1415	2.6
Wed	26	0211	3.1	1451	3.0
Thur	27	0254	3.4	1523	3.4
Fri	28	0331	3.7	1554	3.8
Sat	29	0406	3.8	1627	4.1
Sun	30	0441	3.9	1700	4.2
Mon	31	0516	3.8	1734	4.2

TANZANIA: DAR ES-SALAAM 2025					
MARCH					
LOW WATER A.M			LOW WATER P.M		
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	01	1109	0.1	2326	0.2
Sun	02	1140	0.1	-	-
Mon	03	0003	0.2	1214	0.2
Tue	04	0043	0.3	1249	0.3
Wed	05	0125	0.6	1325	0.6
Thur	06	0212	0.9	1405	0.9
Fri	07	0310	1.2	1454	1.3
Sat	08	0450	1.5	1623	1.6
Sun	09	0738	1.5	1929	1.6
Mon	10	0847	1.2	2046	1.3
Tue	11	0927	0.9	2131	1.0
Wed	12	0959	0.7	2205	0.8
Thur	13	1026	0.5	2235	0.6
Fri	14	1050	0.4	○ 2301	0.5
Sat	15	1113	0.4	2326	0.5
Sun	16	1134	0.4	2351	0.5
Mon	17	1156	0.5	-	-
Tue	18	0016	0.6	1218	0.6
Wed	19	0043	0.8	1240	0.8
Thur	20	0111	1.0	1303	1.0
Fri	21	0144	1.2	1328	1.2
Sat	22	0227	1.4	1400	1.5
Sun	23	0346	1.7	1509	1.8
Mon	24	0652	1.7	1839	1.8
Tue	25	0805	1.4	2003	1.4
Wed	26	0841	1.0	2046	1.1
Thur	27	0911	0.7	2122	0.7
Fri	28	0940	0.5	2157	0.4
Sat	29	1009	0.3	● 2231	0.2
Sun	30	1040	0.1	2307	0.1
Mon	31	1113	0.1	2345	0.2

TANZANIA: DAR ES-SALAAM 2025					
APRIL					
HIGH WATER A.M			HIGH WATER P.M		
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Tue	01	0552	3.7	1811	4.1
Wed	02	0629	3.4	1849	3.9
Thur	03	0709	3.1	1933	3.6
Fri	04	0757	2.7	2025	3.2
Sat	05	0905	2.4	2142	2.9
Sun	06	1110	2.3	2355	2.7
Mon	07	1328	2.5	-	-
Tue	08	0137	2.9	1429	2.8
Wed	09	0237	3.1	1509	3.2
Thur	10	0319	3.3	1541	3.4
Fri	11	0351	3.4	1607	3.6
Sat	12	0418	3.5	1631	3.7
Sun	13	0443	3.5	1654	3.8
Mon	14	0508	3.5	1718	3.8
Tue	15	0532	3.4	1741	3.7
Wed	16	0556	3.2	1805	3.6
Thur	17	0619	3.0	1830	3.5
Fri	18	0645	2.9	1859	3.3
Sat	19	0718	2.7	1938	3.1
Sun	20	0806	2.5	2038	2.9
Mon	21	0942	2.3	2214	2.7
Tue	22	1154	2.4	-	-
Wed	23	0013	2.8	1317	2.8
Thur	24	0127	3.0	1406	3.2
Fri	25	0219	3.3	1446	3.6
Sat	26	0302	3.5	1523	3.9
Sun	27	0341	3.6	1559	4.2
Mon	28	0419	3.7	1636	4.3
Tue	29	0457	3.6	1714	4.2
Wed	30	0536	3.5	1753	4.1

TANZANIA: DAR ES-SALAAM 2025					
APRIL					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Tue	01	1147	0.3	-	-
Wed	02	0024	0.3	1224	0.5
Thur	03	0108	0.6	1304	0.8
Fri	04	0157	1.0	1348	1.1
Sat	05	0258	1.3	1447	1.5
Sun	06	0438	1.5	1641	1.8
Mon	07	0706	1.5	1922	1.6
Tue	08	0812	1.3	2028	1.3
Wed	09	0853	1.1	2111	1.1
Thur	10	0926	0.9	2144	0.8
Fri	11	0953	0.7	2212	0.7
Sat	12	1018	0.7	2238	0.6
Sun	13	1041	0.6	○ 2303	0.6
Mon	14	1103	0.6	2328	0.6
Tue	15	1125	0.7	2354	0.7
Wed	16	1147	0.8	-	-
Thur	17	0022	0.8	1212	0.9
Fri	18	0053	1.0	1238	3.3
Sat	19	0129	1.2	1310	1.3
Sun	20	0216	1.4	1356	1.5
Mon	21	0326	1.6	1523	1.8
Tue	22	0522	1.6	1750	1.8
Wed	23	0656	1.4	1922	1.4
Thur	24	0748	1.1	2014	1.1
Fri	25	0827	0.8	2055	0.7
Sat	26	0902	0.6	2133	0.4
Sun	27	0937	0.4	● 2211	0.2
Mon	28	1012	0.3	2249	0.2
Tue	29	1048	0.3	2329	0.3
Wed	30	1126	0.4	-	-

TANZANIA: DAR ES-SALAAM 2025					
MAY					
HIGH WATER A.M			HIGH WATER P.M		
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Thur	01	0617	3.3	1834	3.8
Fri	02	0703	3.0	1922	3.5
Sat	03	0758	2.8	2018	3.2
Sun	04	0910	2.6	2133	2.9
Mon	05	1048	2.5	2316	2.8
Tue	06	1233	2.7	-	-
Wed	07	0046	2.8	1337	2.9
Thur	08	0151	2.9	1423	3.1
Fri	09	0238	3.0	1459	3.3
Sat	10	0315	3.1	1530	3.5
Sun	11	0347	3.2	1557	3.6
Mon	12	0416	3.2	1624	3.7
Tue	13	0444	3.2	1651	3.7
Wed	14	0512	3.1	1718	3.7
Thur	15	0541	3.1	1747	3.6
Fri	16	0611	3.0	1817	3.5
Sat	17	0645	2.9	1853	3.4
Sun	18	0726	2.8	1938	3.2
Mon	19	0819	2.7	2033	3.0
Tue	20	0929	2.7	2144	2.9
Wed	21	1051	2.7	2311	2.8
Thur	22	1210	3.0	-	-
Fri	23	0032	2.9	1314	3.2
Sat	24	0137	3.0	1406	3.6
Sun	25	0231	3.1	1453	3.8
Mon	26	0318	3.3	1536	4.0
Tue	27	0403	3.3	1618	4.1
Wed	28	0445	3.3	1700	4.1
Thur	29	0528	3.3	1742	3.9
Fri	30	0613	3.2	1827	3.7
Sat	31	0701	3.1	1915	3.5

TANZANIA: DAR ES-SALAAM
2025

MAY

LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Tim p.m**	**Ht.m**
Thur	01	0012	0.4	1208	0.7
Fri	02	0058	0.7	1253	0.9
Sat	03	0150	1.0	1346	1.3
Sun	04	0252	1.2	1454	1.5
Mon	05	0412	1.4	1639	1.7
Tue	06	0555	1.5	1836	1.6
Wed	07	0712	1.4	1946	1.4
Thur	08	0802	1.2	2034	1.2
Fri	09	0840	1.1	2111	1.0
Sat	10	0912	1.0	2143	0.9
Sun	11	0940	0.9	2212	0.8
Mon	12	1007	0.8	○ 2241	0.7
Tue	13	1033	0.8	2309	0.7
Wed	14	1059	0.9	2339	0.7
Thur	15	1126	0.9	-	-
Fri	16	0011	0.8	1155	1.0
Sat	17	0045	0.9	1229	1.2
Sun	18	0125	1.1	1311	1.3
Mon	19	0211	1.2	1407	1.5
Tue	20	0307	1.3	1522	1.6
Wed	21	0417	1.4	1657	1.6
Thur	22	0535	1.3	1829	1.4
Fri	23	0641	1.2	1934	1.1
Sat	24	0737	1.0	2026	0.8
Sun	25	0824	0.8	2112	0.6
Mon	26	0908	0.6	2155	0.4
Tue	27	0950	0.5	● 2237	0.4
Wed	28	1032	0.5	2320	0.4
Thur	29	1115	0.6	-	-
Fri	30	0004	0.5	1200	0.8
Sat	31	0051	0.7	1250	1.0

TANZANIA: DAR ES-SALAAM 2025					
JUNE					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sun	01	0753	2.9	2007	3.2
Mon	02	0851	2.8	2107	3.0
Tue	03	0958	2.8	2217	2.8
Wed	04	1115	2.8	2333	2.7
Thur	05	1227	2.9	-	-
Fri	06	0043	2.6	1324	3.0
Sat	07	0144	2.7	1410	3.1
Sun	08	0234	2.7	1449	3.2
Mon	09	0315	2.8	1525	3.4
Tue	10	0352	2.9	1557	3.5
Wed	11	0426	2.9	1629	3.6
Thur	12	0458	3.0	1701	3.6
Fri	13	0531	3.0	1734	3.6
Sat	14	0605	3.0	1809	3.6
Sun	15	0642	3.0	1848	3.5
Mon	16	0722	3.0	1930	3.3
Tue	17	0807	3.0	2017	3.2
Wed	18	0900	3.0	2111	3.0
Thur	19	1000	3.0	2216	2.8
Fri	20	1110	3.1	2336	2.7
Sat	21	1223	3.2	-	-
Sun	22	0055	2.7	1331	3.4
Mon	23	0205	2.7	1430	3.6
Tue	24	0305	2.9	1522	3.7
Wed	25	0356	3.0	1609	3.8
Thur	26	0441	3.2	1653	3.9
Fri	27	0525	3.2	1736	3.8
Sat	28	0607	3.2	1818	3.7
Sun	29	0648	3.2	1900	3.5
Mon	30	0731	3.1	1942	3.2

TANZANIA: DAR ES-SALAAM 2025					
JUNE					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sun	01	0141	0.9	1344	1.2
Mon	02	0233	1.1	1445	1.4
Tue	03	0329	1.2	1559	1.5
Wed	04	0433	1.4	1725	1.6
Thur	05	0543	1.4	1842	1.5
Fri	06	0647	1.4	1942	1.4
Sat	07	0740	1.3	2032	1.2
Sun	08	0824	1.2	2112	1.0
Mon	09	0902	1.1	2148	0.9
Tue	10	0937	1.0	2222	0.8
Wed	11	1009	1.0	○ 2255	0.7
Thur	12	1041	0.9	2328	0.7
Fri	13	1113	0.9	-	-
Sat	14	0001	0.7	1149	1.0
Sun	15	0036	0.8	1227	1.0
Mon	16	0113	0.8	1312	1.1
Tue	17	0153	0.9	1403	1.2
Wed	18	0237	1.0	1502	1.3
Thur	19	0328	1.1	1612	1.3
Fri	20	0428	1.1	1736	1.3
Sat	21	0538	1.2	1855	1.2
Sun	22	0648	1.1	2002	1.0
Mon	23	0753	1.0	2100	0.8
Tue	24	0851	0.8	2149	0.6
Wed	25	0941	0.7	● 2234	0.5
Thur	26	1027	0.6	2316	0.4
Fri	27	1112	0.6	2357	0.5
Sat	28	1156	0.7	-	-
Sun	29	0038	0.6	1241	0.8
Mon	30	0118	0.7	1327	1.0

TANZANIA: DAR ES-SALAAM 2025					
JULY					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Tue	01	0814	3.0	2025	3.0
Wed	02	0901	2.9	2111	2.8
Thur	03	0953	2.8	2206	2.6
Fri	04	1056	2.8	2318	2.4
Sat	05	1209	2.8	-	-
Sun	06	0037	2.3	1316	2.8
Mon	07	0152	2.4	1412	3.0
Tue	08	0250	2.5	1457	3.2
Wed	09	0334	2.7	1536	3.3
Thur	10	0411	2.8	1612	3.5
Fri	11	0444	3.0	1646	3.6
Sat	12	0517	3.1	1720	3.7
Sun	13	0550	3.2	1755	3.7
Mon	14	0624	3.3	1831	3.6
Tue	15	0700	3.3	1909	3.4
Wed	16	0740	3.3	1950	3.2
Thur	17	0824	3.3	2036	3.0
Fri	18	0916	3.2	2129	2.7
Sat	19	1019	3.1	2244	2.5
Sun	20	1140	3.0	-	-
Mon	21	0022	2.4	1308	3.1
Tue	22	0157	2.4	1422	3.3
Wed	23	0306	2.7	1519	3.5
Thur	24	0357	2.9	1607	3.6
Fri	25	0438	3.2	1648	3.7
Sat	26	0515	3.3	1726	3.7
Sun	27	0550	3.4	1801	3.6
Mon	28	0624	3.4	1834	3.5
Tue	29	0657	3.4	1906	3.3
Wed	30	0730	3.2	1937	3.0
Thur	31	0804	3.1	2008	2.8

TANZANIA: DAR ES-SALAAM 2025					
JULY					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Tue	01	0158	0.9	1414	1.2
Wed	02	0239	1.0	1506	1.3
Thur	03	0323	1.2	1607	1.5
Fri	04	0413	1.3	1721	1.5
Sat	05	0515	1.4	1839	1.5
Sun	06	0626	1.4	1951	1.4
Mon	07	0735	1.4	2047	1.2
Tue	08	0830	1.3	2130	1.0
Wed	09	0915	1.1	2207	0.8
Thur	10	0953	1.0	○ 2239	0.7
Fri	11	1028	0.9	2311	0.6
Sat	12	1103	0.8	2342	0.5
Sun	13	1138	0.7	-	-
Mon	14	0014	0.5	1216	0.7
Tue	15	0048	0.5	1257	0.8
Wed	16	0123	0.6	1342	0.8
Thur	17	0201	0.7	1432	1.0
Fri	18	0243	0.8	1532	1.1
Sat	19	0334	1.0	1650	1.3
Sun	20	0441	1.2	1825	1.3
Mon	21	0609	1.3	1954	1.1
Tue	22	0742	1.2	2102	0.9
Wed	23	0852	1.0	2152	0.7
Thur	24	0944	0.8	● 2232	0.5
Fri	25	1027	0.6	2308	0.4
Sat	26	1107	0.6	2341	0.4
Sun	27	1144	0.6	-	-
Mon	28	0013	0.5	1221	0.6
Tue	29	0044	0.6	1257	0.8
Wed	30	0115	0.7	1333	0.9
Thur	31	0147	0.9	1412	1.1

TANZANIA: DAR ES-SALAAM 2025					
AUGUST					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Fri	01	0840	2.9	2043	2.5
Sat	02	0927	2.7	2133	2.3
Sun	03	1037	2.6	2317	2.1
Mon	04	1219	2.6	-	-
Tue	05	0120	2.2	1341	2.8
Wed	06	0233	2.4	1436	3.0
Thur	07	0317	2.6	1517	3.3
Fri	08	0351	2.9	1553	3.5
Sat	09	0422	3.2	1626	3.7
Sun	10	0452	3.4	1659	3.8
Mon	11	0524	3.6	1732	3.8
Tue	12	0556	3.7	1806	3.7
Wed	13	0630	3.7	1841	3.5
Thur	14	0707	3.6	1919	3.2
Fri	15	0748	3.5	2000	2.9
Sat	16	0836	3.3	2050	2.6
Sun	17	0938	3.0	2206	2.3
Mon	18	1111	2.8	-	-
Tue	19	0016	2.2	1306	2.9
Wed	20	0211	2.4	1425	3.1
Thur	21	0311	2.7	1519	3.4
Fri	22	0351	3.1	1601	3.6
Sat	23	0425	3.3	1635	3.7
Sun	24	0456	3.5	1707	3.7
Mon	25	0524	3.6	1735	3.6
Tue	26	0552	3.6	1802	3.5
Wed	27	0619	3.5	1827	3.3
Thur	28	0645	3.4	1850	3.1
Fri	29	0710	3.2	1914	2.8
Sat	30	0738	3.0	1942	2.6
Sun	31	0813	2.8	2020	2.3

TANZANIA: DAR ES-SALAAM 2025					
AUGUST					
LOW WATER A.M			LOW WATER P.M		
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Fri	01	0219	1.0	1457	1.3
Sat	02	0256	1.2	1557	1.5
Sun	03	0344	1.4	1731	1.6
Mon	04	0507	1.6	1919	1.5
Tue	05	0654	1.6	2031	1.3
Wed	06	0811	1.4	2113	1.0
Thur	07	0859	1.1	2145	0.8
Fri	08	0937	0.9	2214	0.6
Sat	09	1011	0.7	○ 2243	0.4
Sun	10	1044	0.5	2311	0.3
Mon	11	1119	0.4	2341	0.3
Tue	12	1154	0.4	-	-
Wed	13	0013	0.3	1233	0.5
Thur	14	0047	0.4	1315	0.6
Fri	15	0123	0.6	1401	0.8
Sat	16	0202	0.8	1456	1.1
Sun	17	0249	1.0	1614	1.3
Mon	18	0357	1.3	1815	1.4
Tue	19	0557	1.3	2006	1.2
Wed	20	0756	1.3	2104	0.9
Thur	21	0859	1.0	2145	0.7
Fri	22	0943	0.8	2218	0.5
Sat	23	1020	0.6	● 2247	0.4
Sun	24	1052	0.5	2313	0.4
Mon	25	1123	0.4	2339	0.4
Tue	26	1152	0.5	-	-
Wed	27	0004	0.5	1222	0.6
Thur	28	0030	0.6	1251	0.8
Fri	29	0056	0.8	1322	1.0
Sat	30	0121	1.0	1357	1.2
Sun	31	0147	1.2	1443	1.5

TANZANIA: DAR ES-SALAAM 2025					
SEPTEMBER					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Mon	01	0913	2.6	2141	2.1
Tue	02	1115	2.5	-	-
Wed	03	0100	2.1	1315	2.7
Thur	04	0213	2.4	1412	3.0
Fri	05	0250	2.8	1453	3.3
Sat	06	0322	3.1	1528	3.6
Sun	07	0352	3.5	1601	3.8
Mon	08	0422	3.8	1633	3.9
Tue	09	0453	3.9	1705	3.8
Wed	10	0525	4.0	1738	3.7
Thur	11	0559	4.0	1813	3.5
Fri	12	0635	3.8	1850	3.2
Sat	13	0716	3.6	1931	2.9
Sun	14	0804	3.3	2023	2.5
Mon	15	0910	2.9	2158	2.2
Tue	16	1105	2.7	-	-
Wed	17	0042	2.3	1310	2.8
Thur	18	0210	2.6	1421	3.1
Fri	19	0257	3.0	1507	3.3
Sat	20	0332	3.3	1544	3.5
Sun	21	0401	3.5	1614	3.6
Mon	22	0428	3.7	1641	3.6
Tue	23	0454	3.8	1706	3.6
Wed	24	0518	3.7	1730	3.4
Thur	25	0542	3.7	1752	3.3
Fri	26	0605	3.5	1813	3.1
Sat	27	0627	3.4	1835	2.9
Sun	28	0652	3.2	1903	2.6
Mon	29	0724	2.9	1942	2.4
Tue	30	0820	2.7	2105	2.2

TANZANIA: DAR ES-SALAAM 2025					
SEPTEMBER					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Mon	01	0220	1.4	1616	1.7
Tue	02	0336	1.7	1855	1.6
Wed	03	0630	1.7	2009	1.3
Thur	04	0755	1.4	2045	1.0
Fri	05	0839	1.1	2114	0.7
Sat	06	0915	0.8	2141	0.5
Sun	07	0948	0.5	2208	0.3
Mon	08	1020	0.3	2237	0.2
Tue	09	1054	0.2	2307	0.1
Wed	10	1129	0.2	2338	0.2
Thur	11	1207	0.3	-	-
Fri	12	0012	0.3	1248	0.5
Sat	13	0048	0.6	1333	0.8
Sun	14	0128	0.9	1428	1.1
Mon	15	0216	1.2	1554	1.5
Tue	16	0338	1.5	1825	1.5
Wed	17	0629	1.6	2000	1.2
Thur	18	0803	1.3	2047	1.0
Fri	19	0854	1.0	2122	0.8
Sat	20	0931	0.7	2151	0.6
Sun	21	1002	0.5	2217	0.5
Mon	22	1030	0.4	2241	0.4
Tue	23	1057	0.4	2303	0.5
Wed	24	1123	0.5	2326	0.5
Thur	25	1149	0.6	2349	0.6
Fri	26	1215	0.7	-	-
Sat	27	0011	0.8	1243	0.9
Sun	28	0035	1.0	1314	1.2
Mon	29	0100	1.2	1356	1.4
Tue	30	0134	1.5	1513	1.7

TANZANIA: DAR ES-SALAAM 2025					
OCTOBERR					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Wed	01	1017	2.5	-	-
Thur	02	0017	2.2	1236	2.7
Fri	03	0133	2.6	1339	3.0
Sat	04	0212	3.0	1422	3.3
Sun	05	0246	3.4	1459	3.6
Mon	06	0318	3.7	1533	3.7
Tue	07	0350	4.0	1606	3.8
Wed	08	0422	4.2	1640	3.8
Thur	09	0456	4.2	1714	3.6
Fri	10	0532	4.1	1750	3.4
Sat	11	0610	3.9	1829	3.1
Sun	12	0652	3.6	1914	2.8
Mon	13	0744	3.2	2018	2.5
Tue	14	0857	2.9	2210	2.3
Wed	15	1105	2.7	-	-
Thur	16	0033	2.5	1253	2.8
Fri	17	0142	2.8	1357	3.0
Sat	18	0226	3.1	1443	3.2
Sun	19	0301	3.4	1518	3.3
Mon	20	0331	3.6	1548	3.4
Tue	21	0358	3.7	1615	3.4
Wed	22	0423	3.8	1640	3.4
Thur	23	0447	3.8	1704	3.3
Fri	24	0512	3.7	1727	3.2
Sat	25	0535	3.6	1750	3.0
Sun	26	0600	3.4	1816	2.8
Mon	27	0628	3.3	1849	2.7
Tue	28	0705	3.0	1937	2.5
Wed	29	0803	2.8	2102	2.4
Thur	30	0936	2.6	2304	2.4
Fri	31	1133	2.7	-	-

TANZANIA: DAR ES-SALAAM 2025					
OCTOBER					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Wed	01	0248	1.7	1801	1.6
Thur	02	0603	1.8	1925	1.4
Fri	03	0727	1.4	2003	1.1
Sat	04	0811	1.0	2034	0.8
Sun	05	0848	0.7	2103	0.5
Mon	06	0922	0.4	2132	0.3
Tue	07	0956	0.1	○ 2203	0.2
Wed	08	1030	0.0	2235	0.1
Thur	09	1107	0.1	2308	0.2
Fri	10	1145	0.3	2344	0.4
Sat	11	1227	0.5	-	-
Sun	12	0022	0.7	1314	0.9
Mon	13	0106	1.0	1413	1.2
Tue	14	0205	1.4	1545	1.5
Wed	15	0353	1.7	1805	1.5
Thur	16	0634	1.6	1927	1.3
Fri	17	0748	1.3	2013	1.1
Sat	18	0833	1.0	2048	0.9
Sun	19	0908	0.8	2117	0.7
Mon	20	0938	0.6	2143	0.6
Tue	21	1005	0.5	● 2208	0.6
Wed	22	1032	0.5	2231	0.6
Thur	23	1058	0.5	2254	0.6
Fri	24	1124	0.6	2317	0.7
Sat	25	1151	0.7	2341	0.9
Sun	26	1220	0.9	-	-
Mon	27	0007	1.1	1254	1.1
Tue	28	0039	1.3	1339	1.3
Wed	29	0125	1.5	1444	1.5
Thur	30	0249	1.7	1634	1.6
Fri	31	0509	1.7	1811	1.4

TANZANIA: DAR ES-SALAAM
2025

NOVEMBER

HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	01	0031	2.7	1251	2.9
Sun	02	0124	3.1	1344	3.1
Mon	03	0206	3.5	1427	3.3
Tue	04	0244	3.8	1506	3.5
Wed	05	0321	4.1	1544	3.6
Thur	06	0358	4.2	1621	3.6
Fri	07	0435	4.2	1659	3.5
Sat	08	0514	4.1	1739	3.3
Sun	09	0555	3.8	1823	3.1
Mon	10	0641	3.5	1915	2.8
Wed	11	0737	3.2	2025	2.6
Wed	12	0849	2.9	2156	2.6
Thur	13	1032	2.7	2344	2.7
Fri	14	1208	2.7	-	-
Sat	15	0055	2.9	1317	2.8
Sun	16	0145	3.1	1408	2.9
Mon	17	0225	3.3	1448	3.0
Tue	18	0258	3.5	1522	3.1
Wed	19	0328	3.6	1553	3.1
Thur	20	0356	3.6	1621	3.1
Fri	21	0424	3.7	1648	3.1
Sat	22	0451	3.6	1716	3.0
Sun	23	0519	3.6	1745	3.0
Mon	24	0549	3.5	1816	2.9
Tue	25	0623	3.3	1854	2.8
Wed	26	0704	3.2	1942	2.7
Thur	27	0756	3.0	2046	2.7
Fri	28	0901	2.8	2202	2.7
Sat	29	1022	2.7	2321	2.9
Sun	30	1149	2.7	-	-

TANZANIA: DAR ES-SALAAM 2025					
NOVEMBER					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Sat	01	0644	1.4	1906	1.1
Sun	02	0736	1.0	1947	0.9
Mon	03	0818	0.7	2024	0.6
Tue	04	0857	0.4	2059	0.4
Wed	05	0934	0.2	2135	0.3
Thur	06	1012	0.1	2211	0.2
Fri	07	1051	0.1	2248	0.3
Sat	08	0514	4.1	1739	3.3
Sun	09	1216	0.6	-	-
Mon	10	0011	0.8	1306	0.8
Wed	11	0104	1.1	1406	1.1
Wed	12	0213	1.4	1523	1.4
Thur	13	0354	1.6	1700	1.4
Fri	14	0556	1.6	1827	1.3
Sat	15	0711	1.3	1923	1.2
Sun	16	0801	1.1	2005	1.1
Mon	17	0840	0.9	2040	1.0
Tue	18	0913	0.8	2111	0.9
Wed	19	0944	0.7	2139	0.8
Thur	20	1013	0.6	2206	0.8
Fri	21	1042	0.6	2233	0.8
Sat	22	1111	0.6	2259	0.9
Sun	23	1141	0.7	2328	0.9
Mon	24	1213	0.8	-	-
Tue	25	0000	1.1	1249	0.9
Wed	26	0040	1.2	1331	1.1
Thur	27	0131	1.4	1422	1.2
Fri	28	0240	1.5	1525	1.3
Sat	29	0410	1.5	1643	1.3
Sun	30	0546	1.4	1756	1.2

TANZANIA: DAR ES-SALAAM 2025					
DECEMBER					
HIGH WATER		A.M	HIGH WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Mon	01	0029	3.1	1259	2.8
Tue	02	0126	3.4	1356	3.0
Wed	03	0215	3.7	1446	3.1
Thur	04	0300	3.9	1531	3.2
Fri	05	0343	4.1	1614	3.3
Sat	06	0425	4.1	1657	3.3
Sun	07	0508	4.0	1740	3.2
Mon	08	0552	3.8	1827	3.1
Wed	09	0639	3.5	1917	3.0
Wed	10	0730	3.2	2013	2.9
Thur	11	0827	2.9	2116	2.8
Fri	12	0936	2.7	2229	2.8
Sat	13	1056	2.6	2347	2.8
Sun	14	1214	2.5	-	-
Mon	15	0052	2.9	1323	2.5
Tue	16	0144	3.1	1418	2.6
Wed	17	0228	3.2	1503	2.7
Thur	18	0305	3.3	1540	2.8
Fri	19	0339	3.4	1613	2.9
Sat	20	0411	3.5	1644	2.9
Sun	21	0442	3.6	1715	3.0
Mon	22	0513	3.6	1745	3.0
Tue	23	0546	3.5	1818	3.1
Wed	24	0620	3.5	1853	3.1
Thur	25	0658	3.3	1933	3.1
Fri	26	0740	3.1	2019	3.0
Sat	27	0828	2.9	2113	3.0
Sun	28	0925	2.7	2219	3.0
Mon	29	1040	2.5	2333	3.1
Tue	30	1210	2.5	-	-
Wed	31	0049	3.2	1332	2.5

TANZANIA: DAR ES-SALAAM 2025					
DECEMBER					
LOW WATER		A.M	LOW WATER		P.M
Day	**Date**	**Time a.m**	**Ht.m**	**Time p.m**	**Ht.m**
Mon	01	0656	1.1	1856	1.0
Tue	02	0751	0.8	1947	0.8
Wed	03	0838	0.5	2033	0.6
Thur	04	0922	0.3	2117	0.5
Fri	05	1004	0.2	○ 2159	0.4
Sat	06	1046	0.2	2242	0.5
Sun	07	1129	0.3	2326	0.6
Mon	08	1213	0.5	-	-
Wed	09	0014	0.8	1301	0.7
Wed	10	0108	1.1	1351	0.9
Thur	11	0208	1.3	1446	1.1
Fri	12	0319	1.4	1547	1.3
Sat	13	0447	1.5	1657	1.3
Sun	14	0612	1.4	1810	1.4
Mon	15	0719	1.3	1911	1.3
Tue	16	0812	1.1	2002	1.2
Wed	17	0855	1.0	2044	1.1
Thur	18	0931	0.8	2121	1.0
Fri	19	1005	0.7	2154	0.9
Sat	20	1037	0.6	● 2226	0.9
Sun	21	1107	0.6	2256	0.9
Mon	22	1138	0.6	2328	0.9
Tue	23	1209	0.6	-	-
Wed	24	0003	0.9	1242	0.7
Thur	25	0042	1.0	1317	0.7
Fri	26	0127	1.1	1355	0.8
Sat	27	0219	1.2	1439	0.9
Sun	28	0323	1.3	1533	1.1
Mon	29	0443	1.3	1641	1.2
Tue	30	0614	1.2	1800	1.2
Wed	31	0730	1.0	1916	1.1