

# MUMBAI (APOLLO BANDAR) – INDIA, WEST COAST

LAT. 18° 55' N. LONG. 72° 50' E.

TIME ZONE -0530

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

YEAR 2023

## OCTOBER

| TIME      |      |      | Ht.       |      |      | TIME |  |  | Ht. |  |  |
|-----------|------|------|-----------|------|------|------|--|--|-----|--|--|
| h         |      |      | m         |      |      | h    |  |  | m   |  |  |
| <b>1</b>  | 0052 | 4.85 | <b>16</b> | 0036 | 4.41 |      |  |  |     |  |  |
|           | 0638 | 0.78 |           | 0624 | 1.38 |      |  |  |     |  |  |
| SU        | 1248 | 4.63 | M         | 1231 | 4.06 |      |  |  |     |  |  |
|           | 1902 | 0.08 |           | 1832 | 0.42 |      |  |  |     |  |  |
| <b>2</b>  | 0135 | 4.80 | <b>17</b> | 0109 | 4.47 |      |  |  |     |  |  |
|           | 0718 | 1.05 |           | 0655 | 1.49 |      |  |  |     |  |  |
| M         | 1325 | 4.41 | TU        | 1300 | 3.98 |      |  |  |     |  |  |
|           | 1936 | 0.22 |           | 1900 | 0.42 |      |  |  |     |  |  |
| <b>3</b>  | 0217 | 4.60 | <b>18</b> | 0144 | 4.43 |      |  |  |     |  |  |
|           | 0758 | 1.40 |           | 0729 | 1.64 |      |  |  |     |  |  |
| TU        | 1404 | 4.08 | W         | 1329 | 3.83 |      |  |  |     |  |  |
|           | 2008 | 0.52 |           | 1929 | 0.51 |      |  |  |     |  |  |
| <b>4</b>  | 0301 | 4.28 | <b>19</b> | 0219 | 4.29 |      |  |  |     |  |  |
|           | 0842 | 1.79 |           | 0805 | 1.84 |      |  |  |     |  |  |
| W         | 1445 | 3.68 | TH        | 1402 | 3.64 |      |  |  |     |  |  |
|           | 2040 | 0.94 |           | 2004 | 0.70 |      |  |  |     |  |  |
| <b>5</b>  | 0346 | 3.89 | <b>20</b> | 0302 | 4.07 |      |  |  |     |  |  |
|           | 0937 | 2.17 |           | 0850 | 2.08 |      |  |  |     |  |  |
| TH        | 1526 | 3.26 | F         | 1443 | 3.42 |      |  |  |     |  |  |
|           | 2115 | 1.40 |           | 2046 | 0.98 |      |  |  |     |  |  |
| <b>6</b>  | 0439 | 3.51 | <b>21</b> | 0353 | 3.81 |      |  |  |     |  |  |
|           | 1113 | 2.44 |           | 0950 | 2.30 |      |  |  |     |  |  |
| F         | 1613 | 2.88 | SA        | 1535 | 3.16 |      |  |  |     |  |  |
|           | 2208 | 1.81 |           | 2144 | 1.31 |      |  |  |     |  |  |
| <b>7</b>  | 0604 | 3.25 | <b>22</b> | 0459 | 3.60 |      |  |  |     |  |  |
|           | 1318 | 2.46 |           | 1135 | 2.40 |      |  |  |     |  |  |
| SA        | 1727 | 2.60 | SU        | 1657 | 2.96 |      |  |  |     |  |  |
|           |      |      |           | 2319 | 1.56 |      |  |  |     |  |  |
| <b>8</b>  | 0033 | 2.02 | <b>23</b> | 0639 | 3.56 |      |  |  |     |  |  |
|           | 0808 | 3.29 |           | 1324 | 2.20 |      |  |  |     |  |  |
| SU        | 1448 | 2.28 | M         | 1903 | 2.99 |      |  |  |     |  |  |
|           | 2030 | 2.65 |           |      |      |      |  |  |     |  |  |
| <b>9</b>  | 0206 | 1.92 | <b>24</b> | 0108 | 1.55 |      |  |  |     |  |  |
|           | 0901 | 3.45 |           | 0802 | 3.74 |      |  |  |     |  |  |
| M         | 1530 | 2.04 | TU        | 1433 | 1.81 |      |  |  |     |  |  |
|           | 2126 | 2.94 |           | 2039 | 3.35 |      |  |  |     |  |  |
| <b>10</b> | 0258 | 1.75 | <b>25</b> | 0222 | 1.40 |      |  |  |     |  |  |
|           | 0939 | 3.62 |           | 0858 | 3.98 |      |  |  |     |  |  |
| TU        | 1557 | 1.79 | W         | 1522 | 1.34 |      |  |  |     |  |  |
|           | 2202 | 3.23 |           | 2138 | 3.83 |      |  |  |     |  |  |
| <b>11</b> | 0340 | 1.57 | <b>26</b> | 0320 | 1.23 |      |  |  |     |  |  |
|           | 1013 | 3.78 |           | 0946 | 4.21 |      |  |  |     |  |  |
| W         | 1622 | 1.52 | TH        | 1605 | 0.86 |      |  |  |     |  |  |
|           | 2234 | 3.51 |           | 2227 | 4.28 |      |  |  |     |  |  |
| <b>12</b> | 0415 | 1.44 | <b>27</b> | 0412 | 1.12 |      |  |  |     |  |  |
|           | 1043 | 3.90 |           | 1029 | 4.37 |      |  |  |     |  |  |
| TH        | 1646 | 1.24 | F         | 1645 | 0.46 |      |  |  |     |  |  |
|           | 2304 | 3.78 |           | 2312 | 4.63 |      |  |  |     |  |  |
| <b>13</b> | 0447 | 1.35 | <b>28</b> | 0500 | 1.09 |      |  |  |     |  |  |
|           | 1111 | 4.00 |           | 1109 | 4.44 |      |  |  |     |  |  |
| F         | 1712 | 0.96 | SA        | 1723 | 0.19 |      |  |  |     |  |  |
|           | 2333 | 4.03 |           | 2355 | 4.83 |      |  |  |     |  |  |
| <b>14</b> | 0521 | 1.31 | <b>29</b> | 0546 | 1.15 |      |  |  |     |  |  |
|           | 1137 | 4.07 |           | 1145 | 4.41 |      |  |  |     |  |  |
| SA        | 1738 | 0.71 | SU        | 1759 | 0.08 |      |  |  |     |  |  |
| <b>15</b> | 0004 | 4.25 | <b>30</b> | 0038 | 4.89 |      |  |  |     |  |  |
|           | 0552 | 1.32 |           | 0629 | 1.28 |      |  |  |     |  |  |
| SU        | 1204 | 4.09 | M         | 1222 | 4.29 |      |  |  |     |  |  |
|           | 1805 | 0.52 |           | 1833 | 0.13 |      |  |  |     |  |  |
|           |      |      | <b>31</b> | 0118 | 4.82 |      |  |  |     |  |  |
|           |      |      |           | 0710 | 1.45 |      |  |  |     |  |  |
|           |      |      | TU        | 1259 | 4.11 |      |  |  |     |  |  |
|           |      |      |           | 1905 | 0.32 |      |  |  |     |  |  |

NOTE: Add 4.27, 4.88 and 7.01 metres for depths on the sills of PRINCE'S, VICTORIA and INDIRA DOCKS respectively.