## TUBBATAHA REEF, PALAWAN

LAT 08° 50'N LONG 119° 58'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

January		February		March		April	
Time Ht. h. min. m.	Time Ht. h. min. m.	<b>Time Ht.</b> h. min. m.	Time Ht.	Time Ht. h. min. m.	Time Ht. h. min. m.	Time Ht.	Time Ht. h. min. m.
<b>1</b> 01 21 0.40	16 00 11 0.51 MON 04 08 0.65 09 33 0.27 16 34 0.91	1 04 57 0.05 WED 19 34 1.14	<b>16</b> 04 46 0.08 THU 18 24 1.28		6 02 30 0.10 HU 15 55 1.22	1 04 27 0.03 SAT 11 15 0.62	<b>16</b> 03 56 -0.02 sun 11 23 0.64
<b>2</b> 02 34 0.24 MON 07 42 0.40 10 59 0.34 20 00 1.01	<b>17</b> 01 43 0.37 <b>TUE</b> 05 18 0.47 09 46 0.35 17 54 1.06	<b>2</b> 05 34 -0.07 <b>THU</b> 20 30 1.29	<b>17</b> 05 21 -0.10 <b>FRI</b> 19 54 1.45	2 05 08 0.01 THU 18 33 1.03	<b>7</b> 04 29 -0.03 <b>FRI</b> 17 51 1.22	2 04 45 0.03 SUN 10 58 0.63 14 36 0.47	<b>17</b> 04 24 0.03 <b>MON</b> 10 26 0.64 14 15 0.43
3 03 53 0.09 TUE 10 12 0.38	<b>18</b> 03 30 0.21 <b>WED</b> 19 16 1.26	<b>3</b> 06 01 -0.15 <b>FRI</b> 21 13 1.42	<b>18</b> 05 52 -0.23 <b>SAT</b> 20 57 1.61	3 05 21 -0.05 FRI 20 08 1.14	<b>8</b> 04 59 -0.12 <b>AT</b> 19 40 1.32	3 10 55 0.65 MON 15 18 0.36 21 23 1.14	<b>18</b> 10 15 0.73 TUE 15 16 0.23 21 41 1.16
<b>4</b> 05 06 -0.04 <b>WED</b> 11 20 0.37	<b>19</b> 05 00 0.01 THU 20 16 1.49	<b>4</b> 06 24 -0.21 <b>SAT</b> 12 30 0.42	<b>19</b> 06 21 -0.29 <b>SUN</b> 21 48 1.71		<b>9</b> 05 24 -0.16 JN 11 53 0.52	<b>4</b> 05 06 0.07 <b>TUE</b> 10 51 0.70 15 59 0.26 22 03 1.17	<b>19</b> 04 38 0.20 WED 10 17 0.90 16 15 0.07 22 30 1.06
<b>5</b> 05 56 -0.15 <b>THU</b> 12 01 0.35	<b>20</b> 05 54 -0.18 FRI 21 06 1.70	5 06 45 -0.23 SUN 12 43 0.43 15 14 0.38	<b>20</b> 06 45 -0.29 MON 12 17 0.42 14 53 0.34	5 05 54 -0.12 SUN 11 44 0.54 15 04 0.41	0 05 45 -0.14 2N 11 15 0.53 14 36 0.37 21 45 1.47	5 05 15 0.12 WED 10 45 0.79 16 39 0.18 22 40 1.15	<b>20</b> 04 28 0.27 THU 10 29 1.09 17 18 -0.04 23 17 0.90
6 06 33 -0.23 FRI 12 42 0.33	<b>21</b> 06 35 -0.32 <b>SAT</b> 21 51 1.84	6 12 59 0.44 MON 16 01 0.37	<b>21</b> 12 15 0.48 TUE 16 07 0.28 23 21 1.59	6 11 48 0.56 MON 15 52 0.34 22 19 1.38	1 06 02 -0.07 JE 11 09 0.62 15 45 0.22 22 33 1.42	6 05 22 0.17 THU 10 48 0.93 17 24 0.11 23 18 1.05 7 05 27 0.22	<b>21</b> 04 30 0.30 <b>FRI</b> 10 47 1.26 18 21 -0.11
7 07 05 -0.27 SAT 22 32 1.65	22 07 10 -0.39 SUN 22 34 1.88	7 13 06 0.47 TUE 16 40 0.38 23 37 1.43	<b>22</b> 07 18 -0.11 WED 12 24 0.60 17 18 0.23	7 06 20 -0.07 TUE 11 48 0.59 16 35 0.29 22 54 1.36	2 06 09 0.03 ED 11 15 0.76 16 49 0.11 23 19 1.27	7 05 27 0.22 FRI 11 00 1.08 18 12 0.06 23 57 0.91	<b>22</b> 00 03 0.69 <b>SAT</b> 04 40 0.30 11 09 1.40 19 21 -0.13
<b>8</b> 07 32 -0.28 <b>SUN</b> 23 06 1.61	<b>23</b> 07 41 -0.38 MON 23 19 1.80	<b>8</b> 07 30 -0.10 <b>WED</b> 12 58 0.52 17 15 0.39	<b>23</b> 00 08 1.39 THU 07 21 0.01 12 39 0.73 18 27 0.21	8 06 30 -0.02 WED 11 45 0.66 17 15 0.26 23 29 1.27	<b>3</b> 06 06 0.13 <b>10</b> 11 29 0.93 17 54 0.04	8 05 30 0.28 SAT 11 21 1.23 19 03 0.02	<b>23</b> 00 51 0.48 <b>SUN</b> 04 49 0.28 11 35 1.47 20 18 -0.13
<b>9</b> 07 54 -0.25 <b>MON</b> 23 39 1.52	<b>24</b> 08 06 -0.31 TUE 14 27 0.36	<b>9</b> 00 12 1.30 THU 07 38 -0.03 12 56 0.60 17 49 0.39	<b>24</b> 00 57 1.12 FRI 07 20 0.10 13 00 0.86 19 40 0.22	9 06 37 0.05 THU 11 48 0.77 17 54 0.23	<b>4</b> 00 05 1.04 (RI 06 03 0.19 11 48 1.08 18 58 0.01	9 00 42 0.73 SUN 05 34 0.32 11 46 1.34 19 59 -0.01	<b>24</b> 01 48 0.32 MON 04 48 0.26
10 08 13 -0.19 TUE	<b>25</b> 08 24 -0.19 WED 14 21 0.44 17 20 0.38	<b>10</b> 00 49 1.15 <b>FRI</b> 07 42 0.04 13 07 0.71 18 30 0.39	<b>25</b> 01 45 0.85 <b>SAT</b> 07 22 0.16 13 24 0.96 21 06 0.22	10 00 05 1.14 FRI 06 41 0.11 12 00 0.90 18 36 0.21	<b>5</b> 00 51 0.79 <b>AT</b> 06 06 0.22 12 11 1.19 20 03 0.01	<b>10</b> 01 32 0.55 MON 05 33 0.34 12 14 1.41 21 01 -0.02	<b>25</b> 12 34 1.38 TUE 22 08 -0.05
11 00 15 1.38 WED 08 26 -0.12	<b>26</b> 00 57 1.38 THU 08 31 -0.06 14 25 0.54 18 42 0.42	11 01 29 1.00 SAT 07 47 0.10 13 29 0.83 19 21 0.39	<b>26</b> 02 30 0.59 <b>SUN</b> 07 24 0.20 13 52 1.03 22 55 0.22	11 00 43 0.98 SAT 06 44 0.17 12 21 1.02 19 20 0.19	6 01 37 0.55 JN 06 12 0.23 12 36 1.25 21 11 0.03	<b>11</b> 02 34 0.37 TUE 05 15 0.33	<b>26</b> 13 10 1.25 WED 23 04 0.00
<b>12</b> 00 51 1.23 THU 08 35 -0.05 14 47 0.46	<b>27</b> 01 51 1.11 FRI 08 33 0.06 14 42 0.66 20 36 0.45	<b>12</b> 02 12 0.84 sun 07 54 0.17 14 00 0.93 20 41 0.39	<b>27</b> 03 08 0.38 MON 07 15 0.21 14 27 1.06	12 01 24 0.80 SUN 06 48 0.22 12 46 1.12 20 14 0.19	7 02 23 0.36 ON 06 09 0.21 13 06 1.24 22 31 0.06	<b>12</b> 13 21 1.38 WED 23 48 -0.01	<b>27</b> 13 57 1.10
13 08 43 0.02 FRI 14 35 0.55 17 33 0.50	28 02 44 0.84 SAT 08 38 0.15 15 05 0.77 23 23 0.40	13 02 54 0.66 MON 08 00 0.23 14 38 1.02 23 26 0.36	<b>28</b> 00 52 0.18 TUE 03 34 0.22 06 25 0.17 15 15 1.04	13 02 07 0.62 MON 06 48 0.27 13 17 1.19 21 32 0.18	<b>8</b> 03 06 0.22	<b>13</b> 14 13 1.30 THU	28 00 04 0.06 FRI 15 14 0.95
14 02 22 0.95 SAT 08 55 0.09 14 58 0.66 18 51 0.54	<b>29</b> 03 33 0.59 sun 08 42 0.22 15 38 0.86	<b>14</b> 03 36 0.48 TUE 07 51 0.28			9 00 13 0.08 ED 14 28 1.09	<b>14</b> 01 36 -0.02 FRI 15 39 1.20	<b>29</b> 01 05 0.11 <b>SAT</b> 11 10 0.73
15 03 14 0.80 SUN 09 13 0.18 15 38 0.78	<b>30</b> 01 09 0.29 MON 04 18 0.37 08 24 0.26 16 28 0.94	<b>15</b> 01 57 0.26 WED 04 16 0.28 06 48 0.25 16 41 1.17		15 03 31 0.26 3 TH	<b>0</b> 02 24 0.07 <b>HU</b> 15 43 0.98	<b>15</b> 03 07 -0.03 <b>SAT</b> 17 36 1.13	<b>30</b> 01 57 0.15 sun 10 24 0.72 13 51 0.59
	<b>31</b> 02 55 0.18 TUE 17 57 1.01			3	<b>1</b> 03 59 0.05 <b>RI</b> 17 36 0.92		

TIME MERIDIAN 120 DEG. EAST. 0000 IS MIDNIGHT, 1200 IS NOON

HEIGHTS ARE IN METERS AND RECKONED FROM THE DATUM OF SOUNDINGS ON CHARTS OF THE LOCALITY WHICH IS MEAN LOWER LOW WATER