## PAGASA IS., KALAYAAN ISLAND GROUP

LAT 11° 02'N LONG 114° 17'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

September		October		November		December	
Time Ht.	Time Ht.	Time Ht.	Time Ht.	Time Ht. h. min. m.	Time Ht.	Time Ht.	Time Ht.
1 10 41 1.16 FRI 19 01 0.06	16 00 27 0.55 SAT 05 10 0.44 11 00 0.85 18 10 0.23 23 58 0.59	1 05 54 0.24 sun 11 52 0.77 17 48 0.41 23 36 0.83	<b>16</b> 06 21 0.13 MON 12 06 0.57 16 30 0.45 22 59 0.93	1 07 51 -0.11 WED 23 37 1.18	<b>16</b> 07 58 -0.23 THU 23 12 1.26	1 08 35 -0.18 FRI 23 36 1.21	16 08 48 -0.33 SAT 23 30 1.33
2 01 10 0.44 SAT 04 24 0.43 11 29 1.05 19 16 0.20	17 05 53 0.34 sun 11 37 0.80 18 15 0.31 23 53 0.67	<b>2</b> 06 45 0.14 <b>MON</b> 12 43 0.65 17 42 0.47 23 54 0.93	<b>17</b> 06 56 0.03 <b>TUE</b> 13 04 0.52 16 17 0.48 23 18 1.01	<b>2</b> 08 37 -0.11	<b>17</b> 08 50 -0.26 <b>FRI</b> 23 47 1.28	2 SAT 09 18 -0.15	17 09 33 -0.29
3 00 44 0.53 SUN 06 03 0.36 12 14 0.91 19 22 0.32	18 06 34 0.26 MON 12 17 0.72 18 21 0.37	<b>3</b> 07 36 0.08 <b>TUE</b> 13 42 0.53 17 15 0.49	<b>18</b> 07 39 -0.04 WED 23 45 1.06	<b>3</b> 00 06 1.17 <b>FRI</b> 09 30 -0.10	18 09 48 -0.26 SAT	3 00 04 1.15 SUN 10 05 -0.11	<b>18</b> 00 08 1.26 MON 10 18 -0.21
<b>4</b> 00 54 0.63 <b>MON</b> 07 11 0.31 13 01 0.74 19 21 0.40	<b>19</b> 00 05 0.74 <b>TUE</b> 07 19 0.20 13 04 0.63 18 28 0.42	4 00 18 0.99 WED 08 31 0.05	<b>19</b> 08 34 -0.09	<b>4</b> 00 38 1.13 <b>SAT</b> 10 28 -0.08	<b>19</b> 00 25 1.26 <b>SUN</b> 10 45 -0.24	<b>4</b> 00 29 1.08 <b>MON</b> 10 50 -0.06	<b>19</b> 00 45 1.14 <b>TUE</b> 10 55 -0.10
<b>5</b> 01 19 0.73 <b>TUE</b> 08 19 0.27 13 57 0.57 19 09 0.44	<b>20</b> 00 28 0.81 WED 08 14 0.15 14 12 0.52 18 27 0.46	<b>5</b> 00 49 1.03 <b>THU</b> 09 36 0.03	<b>20</b> 00 17 1.10 <b>FRI</b> 09 42 -0.12	5 01 09 1.08 SUN 11 27 -0.07	<b>20</b> 01 06 1.21 MON 11 37 -0.20	<b>5</b> 00 48 0.99 <b>TUE</b> 11 27 -0.01	<b>20</b> 01 16 0.97 <b>WED</b> 11 21 0.03
6 01 56 0.82 WED 09 39 0.24 15 42 0.43 18 03 0.42	<b>21</b> 01 00 0.87 THU 09 24 0.10	6 01 26 1.03 FRI 10 49 0.02	<b>21</b> 00 55 1.13 <b>SAT</b> 10 55 -0.15	6 01 36 1.01 MON 12 21 -0.05	<b>21</b> 01 47 1.12 TUE 12 23 -0.12	6 00 59 0.90 WED 11 49 0.07	<b>21</b> 01 24 0.77 THU 11 29 0.16 19 50 0.72
7 02 42 0.89 THU 11 21 0.19	<b>22</b> 01 41 0.93 FRI 10 53 0.05	7 02 09 1.02 SAT 12 03 0.00	<b>22</b> 01 40 1.14 sun 12 02 -0.17	<b>7</b> 01 54 0.94 <b>TUE</b> 13 09 0.00	<b>22</b> 02 23 0.97 WED 13 00 0.00	7 00 46 0.80 THU 11 52 0.16 22 12 0.73	<b>22</b> 11 00 0.28 <b>FRI</b> 19 29 0.82
<b>8</b> 03 35 0.94 <b>FRI</b> 13 09 0.11	23 02 30 0.99 SAT 12 21 -0.02	<b>8</b> 02 54 0.99 <b>sun</b> 13 12 -0.02	<b>23</b> 02 30 1.13 MON 13 04 -0.16	<b>8</b> 01 53 0.85 WED 13 45 0.07	23 02 28 0.79 THU 13 27 0.15 21 40 0.72	<b>8</b> 11 16 0.24 FRI 20 48 0.74	23 06 04 0.24 SAT 19 34 0.94
<b>9</b> 04 25 0.98 <b>SAT</b> 14 24 0.04	<b>24</b> 03 25 1.05 sun 13 39 -0.08	<b>9</b> 03 40 0.95 <b>MON</b> 14 14 -0.02	<b>24</b> 03 27 1.07 TUE 14 00 -0.11	9 00 30 0.77 THU 14 06 0.17 23 09 0.73	<b>24</b> 13 34 0.30 FRI 21 09 0.80	9 08 54 0.26 SAT 20 15 0.81	<b>24</b> 05 45 0.05 <b>SUN</b> 19 54 1.05
10 05 15 1.00 SUN 15 22 -0.01	<b>25</b> 04 27 1.08 MON 14 49 -0.12	<b>10</b> 04 26 0.89 TUE 15 06 0.00	<b>25</b> 04 33 0.97 WED 14 48 -0.02	<b>10</b> 14 09 0.28 FRI 22 14 0.74	25 05 42 0.30 SAT 10 36 0.43 12 57 0.41 21 09 0.92	10 06 34 0.15 sun 20 13 0.93	<b>25</b> 06 05 -0.11 MON 20 24 1.14
<b>11</b> 06 09 0.99 <b>MON</b> 16 12 -0.04	<b>26</b> 05 39 1.08 TUE 15 48 -0.12	11 05 34 0.80 WED 15 47 0.06	<b>26</b> 06 36 0.82 THU 15 26 0.11 23 01 0.65	11 06 27 0.36 SAT 10 00 0.42 13 51 0.36 21 45 0.82	<b>26</b> 06 02 0.10 sun 21 23 1.05	<b>11</b> 06 19 0.01 MON 20 31 1.05	<b>26</b> 06 29 -0.21 TUE 21 00 1.21
<b>12</b> 07 15 0.97 TUE 16 54 -0.04	<b>27</b> 07 10 1.05 WED 16 35 -0.07	<b>12</b> 01 27 0.69 <b>THU</b> 03 58 0.68 07 59 0.72 16 14 0.14	<b>27</b> 03 48 0.56 FRI 09 03 0.71 15 51 0.25 22 25 0.73	<b>12</b> 06 13 0.20 sun 21 40 0.92	<b>27</b> 06 29 -0.06 MON 21 44 1.15	<b>12</b> 06 29 -0.14 TUE 21 00 1.16	<b>27</b> 06 54 -0.26 WED 21 38 1.24
<b>13</b> 08 29 0.95 WED 17 27 0.00	<b>28</b> 08 47 1.01 THU 17 10 0.03	13 00 04 0.66 FRI 04 54 0.55 09 31 0.67 16 27 0.23 23 16 0.68	28 05 06 0.36 SAT 10 30 0.64 16 02 0.39 22 22 0.85	13 06 21 0.05 MON 21 52 1.04	<b>28</b> 06 57 -0.17 TUE 22 10 1.22	13 06 52 -0.25 WED 21 35 1.25	<b>28</b> 07 20 -0.26 THU 22 15 1.24
<b>14</b> 09 32 0.93 THU 17 49 0.06	29 00 39 0.54 FRI 03 14 0.53 10 01 0.96 17 33 0.16 23 32 0.60	14 05 24 0.40 SAT 10 30 0.64 16 31 0.32 22 52 0.75	29 05 54 0.16 SUN 11 43 0.58 15 57 0.48 22 33 0.98	<b>14</b> 06 44 -0.08 TUE 22 14 1.14	<b>29</b> 07 26 -0.21 WED 22 39 1.25	<b>14</b> 07 24 -0.32 THU 22 12 1.32	<b>29</b> 07 48 -0.23 FRI 22 48 1.21
15 01 48 0.55 FRI 04 12 0.53 10 20 0.90 18 03 0.15	23 32 0.60 30 04 54 0.38 SAT 11 00 0.88 17 46 0.30 23 27 0.71	15 05 52 0.26 sun 11 19 0.61 16 31 0.39 22 48 0.84	<b>30</b> 06 34 0.02 <b>MON</b> 13 14 0.52 14 53 0.52 22 50 1.08	<b>15</b> 07 16 -0.18 WED 22 41 1.21	<b>30</b> 07 57 -0.21 THU 23 08 1.25	<b>15</b> 08 03 -0.35 <b>FRI</b> 22 51 1.34	<b>30</b> 08 19 -0.19 <b>SAT</b> 23 18 1.16
			<b>31</b> 07 12 -0.07 TUE 23 12 1.15				<b>31</b> 08 53 -0.13 sun 23 45 1.09

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