

## REAL, QUEZON

LAT 14° 40'N LONG 121° 37'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

January				February				March				April			
Time		Ht.		Time		Ht.		Time		Ht.		Time		Ht.	
h. min.		m.		h. min.		m.		h. min.		m.		h. min.		m.	
<b>1</b>	01 19	1.29		<b>16</b>	05 33	0.64		<b>1</b>	01 26	1.08		<b>1</b>	03 54	1.29	
<b>SUN</b>	07 03	0.66		<b>MON</b>	11 57	1.51		<b>THU</b>	02 45	1.20		<b>SAT</b>	09 30	0.82	
	13 42	1.53			18 44	0.52			07 33	0.89			15 23	1.38	
	20 20	0.44							13 45	1.53			21 52	0.40	
									21 06	0.29					
<b>2</b>	02 48	1.29		<b>17</b>	01 15	1.22		<b>2</b>	03 43	1.15		<b>2</b>	04 25	1.42	
<b>MON</b>	08 17	0.71		<b>TUE</b>	06 50	0.73		<b>THU</b>	08 27	0.96		<b>SUN</b>	10 13	0.67	
	14 41	1.55			13 07	1.52			14 37	1.32			16 10	1.51	
	21 22	0.30			20 09	0.39			21 38	0.43			22 30	0.30	
<b>3</b>	03 57	1.34		<b>18</b>	02 57	1.26		<b>3</b>	04 33	1.27		<b>3</b>	04 51	1.54	
<b>TUE</b>	09 21	0.69		<b>WED</b>	08 12	0.74		<b>FRI</b>	09 54	0.83		<b>MON</b>	10 45	0.52	
	15 33	1.59			14 21	1.59			15 48	1.43			16 47	1.63	
	22 13	0.17			21 21	0.20			22 28	0.30			23 01	0.23	
<b>4</b>	04 48	1.39		<b>19</b>	04 09	1.37		<b>4</b>	05 04	1.39		<b>4</b>	05 15	1.66	
<b>WED</b>	10 12	0.64		<b>THU</b>	09 24	0.69		<b>SAT</b>	10 38	0.69		<b>TUE</b>	11 15	0.38	
	16 17	1.63			15 27	1.71			16 33	1.56			17 21	1.73	
	22 56	0.05			22 21	0.01			23 04	0.19			23 30	0.19	
<b>5</b>	05 29	1.44		<b>20</b>	05 04	1.50		<b>5</b>	05 03	1.50		<b>5</b>	05 39	1.76	
<b>THU</b>	10 55	0.58		<b>FRI</b>	10 24	0.60		<b>SUN</b>	11 11	0.57		<b>WED</b>	11 43	0.25	
	16 57	1.68			16 24	1.85			17 09	1.67			17 53	1.80	
	23 34	-0.03			23 14	-0.16			23 35	0.10			23 57	0.18	
<b>6</b>	06 04	1.48		<b>21</b>	05 52	1.62		<b>6</b>	05 54	1.61		<b>6</b>	06 03	1.85	
<b>FRI</b>	11 32	0.53		<b>SAT</b>	11 17	0.49		<b>MON</b>	11 40	0.45		<b>THU</b>	12 12	0.13	
	17 32	1.71			17 17	1.99			17 41	1.77			18 26	1.84	
<b>7</b>	00 09	-0.09		<b>22</b>	00 02	-0.28		<b>7</b>	00 02	0.06		<b>7</b>	00 25	0.20	
<b>SAT</b>	06 36	1.51		<b>SUN</b>	06 36	1.72		<b>TUE</b>	06 17	1.71		<b>FRI</b>	06 28	1.91	
	12 06	0.49			12 05	0.39			12 08	0.35			12 42	0.05	
	18 05	1.74			18 06	2.08			18 12	1.84			18 59	1.83	
<b>8</b>	00 42	-0.10		<b>23</b>	00 46	-0.32		<b>8</b>	00 28	0.05		<b>8</b>	00 54	0.25	
<b>SUN</b>	07 06	1.53		<b>MON</b>	07 17	1.79		<b>WED</b>	06 39	1.79		<b>SAT</b>	06 55	1.93	
	12 37	0.47			12 51	0.31			12 35	0.27			13 12	0.00	
	18 37	1.76			18 54	2.11			18 42	1.87			19 33	1.78	
<b>9</b>	01 13	-0.08		<b>24</b>	01 27	-0.28		<b>9</b>	00 54	0.07		<b>9</b>	01 22	0.33	
<b>MON</b>	07 35	1.55		<b>TUE</b>	07 57	1.83		<b>THU</b>	07 03	1.86		<b>SUN</b>	07 23	1.93	
	13 08	0.47			13 35	0.28			13 03	0.20			13 46	-0.01	
	19 08	1.75			19 39	2.07			19 12	1.87			20 10	1.69	
<b>10</b>	01 43	-0.03		<b>25</b>	02 06	-0.16		<b>10</b>	01 20	0.12		<b>10</b>	01 52	0.43	
<b>TUE</b>	08 03	1.56		<b>WED</b>	08 35	1.84		<b>FRI</b>	07 27	1.90		<b>MON</b>	07 54	1.88	
	13 39	0.48			14 18	0.28			13 33	0.16			14 23	0.04	
	19 39	1.73			20 24	1.96			19 43	1.83			20 51	1.57	
<b>11</b>	02 12	0.05		<b>26</b>	02 44	0.01		<b>11</b>	01 46	0.21		<b>11</b>	02 26	0.56	
<b>WED</b>	08 33	1.58		<b>THU</b>	09 12	1.81		<b>SAT</b>	07 53	1.90		<b>TUE</b>	08 28	1.80	
	14 12	0.50			15 03	0.32			14 03	0.15			15 06	0.14	
	20 12	1.68			21 09	1.79			20 16	1.75			21 41	1.43	
<b>12</b>	02 43	0.14		<b>27</b>	03 20	0.22		<b>12</b>	02 13	0.32		<b>12</b>	03 05	0.69	
<b>THU</b>	09 04	1.58		<b>FRI</b>	09 48	1.75		<b>SUN</b>	08 20	1.87		<b>WED</b>	09 10	1.69	
	14 48	0.53			15 51	0.39			14 37	0.17			16 03	0.27	
	20 47	1.61			21 57	1.59			20 52	1.63			22 51	1.30	
<b>13</b>	03 15	0.26		<b>28</b>	03 57	0.43		<b>13</b>	02 42	0.45		<b>13</b>	04 01	0.83	
<b>FRI</b>	09 38	1.57		<b>SAT</b>	10 27	1.67		<b>MON</b>	08 50	1.81		<b>THU</b>	10 09	1.56	
	15 30	0.56			16 47	0.47			15 16	0.23			17 24	0.40	
	21 28	1.51			22 52	1.38			21 34	1.48					
<b>14</b>	03 51	0.39		<b>29</b>	04 38	0.62		<b>14</b>	03 15	0.60		<b>14</b>	00 44	1.25	
<b>SAT</b>	10 15	1.55		<b>SUN</b>	11 12	1.56		<b>TUE</b>	09 25	1.72		<b>FRI</b>	05 43	0.92	
	16 19	0.58			17 57	0.53			16 06	0.33			11 46	1.45	
	22 19	1.39							22 31	1.30			19 10	0.43	
<b>15</b>	04 35	0.52		<b>30</b>	00 12	1.21		<b>15</b>	03 58	0.76		<b>15</b>	02 25	1.35	
<b>SUN</b>	11 00	1.52		<b>MON</b>	05 33	0.79		<b>WED</b>	10 13	1.60		<b>SAT</b>	07 46	0.86	
	17 24	0.57			12 15	1.47			17 21	0.43			13 45	1.48	
	23 31	1.28			19 25	0.53							20 38	0.36	
				<b>31</b>	02 12	1.14		<b>31</b>	03 01	1.16		<b>31</b>	03 01	1.16	
				<b>TUE</b>	07 05	0.88		<b>FRI</b>	08 05	0.96			08 05	0.96	
					13 42	1.41			14 06	1.26			14 06	1.26	
					20 53	0.44			20 58	0.50			20 58	0.50	

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