

## CATANAUAN, QUEZON

LAT 13° 34'N LONG 122° 19'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

May				June				July				August			
Time		Ht.		Time		Ht.		Time		Ht.		Time		Ht.	
h. min.		m.		h. min.		m.		h. min.		m.		h. min.		m.	
<b>1</b>	03 18	0.34		<b>16</b>	02 30	0.11		<b>1</b>	02 03	0.55		<b>1</b>	03 21	0.66	
<b>MON</b>	09 34	0.98		<b>TUE</b>	08 51	1.14		<b>16</b>	09 03	1.71		<b>TUE</b>	10 29	2.01	
	14 33	0.69			14 42	0.35			16 30	-0.09			18 15	-0.30	
	20 27	1.19			20 52	1.23			22 50	0.86					
<b>2</b>	03 35	0.32		<b>17</b>	03 08	0.20		<b>2</b>	02 50	0.57		<b>2</b>	00 27	0.95	
<b>TUE</b>	09 44	1.16		<b>WED</b>	09 20	1.35		<b>SUN</b>	09 55	1.90		<b>WED</b>	04 17	0.65	
	15 28	0.44			15 40	0.09			17 48	-0.10			11 15	2.06	
	21 24	1.26			21 51	1.16			23 57	0.87			18 52	-0.34	
<b>3</b>	03 57	0.32		<b>18</b>	03 38	0.31		<b>3</b>	03 30	0.61		<b>3</b>	00 59	0.97	
<b>WED</b>	10 04	1.34		<b>THU</b>	09 48	1.56		<b>MON</b>	10 39	1.98		<b>THU</b>	05 06	0.61	
	16 14	0.23			16 31	-0.11			18 34	-0.22			11 57	2.07	
	22 12	1.28			22 46	1.07							19 26	-0.30	
<b>4</b>	04 20	0.34		<b>19</b>	04 03	0.40		<b>4</b>	00 48	0.88		<b>4</b>	01 27	0.99	
<b>THU</b>	10 30	1.49		<b>FRI</b>	10 18	1.73		<b>TUE</b>	04 06	0.66		<b>FRI</b>	05 53	0.53	
	17 00	0.09			17 19	-0.23			11 22	2.03			12 36	2.02	
	22 59	1.24			23 39	0.96			19 17	-0.28			19 54	-0.19	
<b>5</b>	04 42	0.39		<b>20</b>	04 23	0.47		<b>5</b>	01 31	0.88		<b>5</b>	01 51	1.04	
<b>FRI</b>	10 57	1.61		<b>SAT</b>	04 27	1.86		<b>WED</b>	04 41	0.69		<b>SAT</b>	06 37	0.44	
	17 47	0.02			18 05	-0.27			12 03	2.05			13 15	1.91	
	23 47	1.15							19 55	-0.30			20 18	-0.04	
<b>6</b>	05 00	0.46		<b>21</b>	00 31	0.88		<b>6</b>	02 07	0.86		<b>6</b>	02 13	1.12	
<b>SAT</b>	11 24	1.68		<b>SUN</b>	04 38	0.51		<b>THU</b>	05 20	0.68		<b>SUN</b>	07 22	0.34	
	18 35	-0.01			11 16	1.93			12 42	2.05			13 54	1.72	
					18 50	-0.24			20 29	-0.27			20 36	0.12	
<b>7</b>	00 38	1.03		<b>22</b>	01 20	0.81		<b>7</b>	02 37	0.86		<b>7</b>	02 36	1.24	
<b>SUN</b>	05 11	0.53		<b>MON</b>	04 51	0.53		<b>FRI</b>	06 09	0.64		<b>MON</b>	08 09	0.29	
	11 48	1.73			11 45	1.94			13 20	1.99			14 34	1.46	
	19 22	-0.01			19 33	-0.17			21 00	-0.19			20 39	0.33	
<b>8</b>	01 28	0.91		<b>23</b>	02 04	0.75		<b>8</b>	03 06	0.89		<b>8</b>	03 00	1.36	
<b>MON</b>	05 20	0.56		<b>TUE</b>	05 04	0.55		<b>SAT</b>	07 06	0.58		<b>TUE</b>	09 04	0.29	
	12 12	1.77							14 00	1.87			15 17	1.16	
	20 06	-0.01							21 27	-0.06			20 53	0.38	
<b>9</b>	02 14	0.80		<b>24</b>	02 46	0.70		<b>9</b>	03 34	0.96		<b>9</b>	03 32	1.45	
<b>TUE</b>	05 31	0.56		<b>WED</b>	05 19	0.58		<b>SUN</b>	08 03	0.52		<b>WED</b>	10 18	0.34	
									14 42	1.66			16 17	0.86	
									21 54	0.10			20 55	0.45	
<b>10</b>	02 58	0.71		<b>25</b>	03 29	0.66		<b>10</b>	04 09	1.06		<b>10</b>	04 18	1.50	
<b>WED</b>	05 49	0.54		<b>THU</b>	21 30	0.19		<b>MON</b>	09 06	0.49		<b>THU</b>	12 05	0.37	
									15 30	1.38			18 00	0.61	
									22 16	0.27			20 56	0.50	
<b>11</b>	03 47	0.64		<b>26</b>	04 21	0.62		<b>11</b>	04 52	1.18		<b>11</b>	05 26	1.53	
<b>THU</b>	22 27	-0.04		<b>FRI</b>	22 05	0.32		<b>TUE</b>	10 35	0.48		<b>FRI</b>	14 44	0.31	
									16 45	1.07					
									22 32	0.42					
<b>12</b>	04 51	0.60		<b>27</b>	14 09	1.44		<b>12</b>	05 47	1.32		<b>12</b>	06 38	1.57	
<b>FRI</b>	23 29	-0.02		<b>SAT</b>	22 44	0.42		<b>WED</b>	12 36	0.41		<b>SAT</b>	16 09	0.16	
									18 35	0.82					
									22 42	0.52					
<b>13</b>	15 54	1.55		<b>28</b>	15 14	1.25		<b>13</b>	06 42	1.46		<b>13</b>	07 49	1.62	
<b>SAT</b>				<b>SUN</b>	23 38	0.48		<b>THU</b>	14 15	0.27		<b>SUN</b>	16 42	0.06	
									20 09	0.67			23 28	0.73	
									22 55	0.59					
<b>14</b>	00 40	0.00		<b>29</b>	08 29	0.91		<b>14</b>	07 34	1.61		<b>14</b>	17 12	0.00	
<b>SUN</b>	07 59	0.78		<b>MON</b>	11 16	0.85		<b>FRI</b>	15 42	0.11		<b>MON</b>	23 28	0.83	
									22 09	0.64					
<b>15</b>	01 42	0.04		<b>30</b>	08 24	1.08		<b>15</b>	16 40	-0.02		<b>15</b>	02 45	0.70	
<b>MON</b>	08 22	0.94		<b>TUE</b>	13 53	0.68		<b>SAT</b>	23 16	0.68		<b>TUE</b>	10 00	1.76	
	13 21	0.62			19 38	1.05							17 42	-0.03	
	19 39	1.28											23 51	0.93	
				<b>31</b>	01 46	0.49		<b>30</b>	01 17	0.64		<b>30</b>	03 34	0.62	
				<b>WED</b>	08 44	1.30		<b>MON</b>	08 42	1.78		<b>WED</b>	10 18	1.95	
					15 03	0.44			16 53	-0.01			17 42	-0.30	
					20 46	1.06			23 09	0.83			23 48	1.06	
												<b>31</b>	04 29	0.50	
												<b>THU</b>	11 03	1.99	
													18 15	-0.27	

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