

## NAVOTAS, METRO MANILA

LAT 14° 41'N LONG 120° 56'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>	04 37	0.38		<b>16</b>	02 07	0.45		<b>1</b>	02 12	-0.17		<b>1</b>	03 00	-0.16	
<b>SUN</b>	11 28	0.16		<b>MON</b>	09 39	0.20		<b>WED</b>	16 54	0.73		<b>SAT</b>	18 42	0.78	
	18 40	0.62			16 41	0.65									
<b>2</b>	01 53	0.11		<b>17</b>	03 38	0.29		<b>2</b>	03 13	-0.21		<b>2</b>	03 24	-0.13	
<b>MON</b>	08 10	0.25		<b>TUE</b>	06 30	0.30		<b>THU</b>	18 19	0.78		<b>SUN</b>	19 43	0.82	
	10 42	0.24			10 00	0.26									
	19 07	0.77			17 41	0.80									
<b>3</b>	03 19	-0.05		<b>18</b>	03 44	0.14		<b>3</b>	03 44	-0.22		<b>3</b>	03 45	-0.08	
<b>TUE</b>	19 40	0.92		<b>WED</b>	09 23	0.31		<b>FRI</b>	19 24	0.85		<b>MON</b>	10 34	0.39	
					10 16	0.31							13 06	0.37	
					18 36	0.95							20 35	0.85	
<b>4</b>	04 11	-0.17		<b>19</b>	04 18	0.00		<b>4</b>	04 09	-0.22		<b>4</b>	04 05	-0.01	
<b>WED</b>	20 15	1.04		<b>THU</b>	19 25	1.09		<b>SAT</b>	20 15	0.92		<b>TUE</b>	10 23	0.45	
													14 53	0.33	
													21 20	0.83	
<b>5</b>	04 49	-0.24		<b>20</b>	04 57	-0.14		<b>5</b>	04 33	-0.20		<b>5</b>	04 22	0.08	
<b>THU</b>	20 50	1.12		<b>FRI</b>	20 12	1.21		<b>SUN</b>	20 59	0.97		<b>WED</b>	11 14	0.33	
													13 01	0.32	
													20 54	1.06	
<b>6</b>	05 24	-0.27		<b>21</b>	05 36	-0.25		<b>6</b>	04 57	-0.15		<b>6</b>	04 33	0.17	
<b>FRI</b>	21 24	1.16		<b>SAT</b>	20 58	1.30		<b>MON</b>	11 30	0.28		<b>THU</b>	10 03	0.60	
									13 09	0.27			16 31	0.22	
									21 36	0.98			22 44	0.69	
<b>7</b>	05 59	-0.27		<b>22</b>	06 18	-0.33		<b>7</b>	05 21	-0.09		<b>7</b>	04 30	0.25	
<b>SAT</b>	21 54	1.16		<b>SUN</b>	21 46	1.32		<b>TUE</b>	11 30	0.30		<b>FRI</b>	10 03	0.70	
	○				●				14 16	0.25			17 27	0.16	
									22 10	0.94			23 27	0.57	
<b>8</b>	06 33	-0.24		<b>23</b>	07 01	-0.37		<b>8</b>	05 42	-0.02		<b>8</b>	04 21	0.30	
<b>SUN</b>	22 23	1.14		<b>MON</b>	22 38	1.28		<b>WED</b>	11 30	0.33		<b>SAT</b>	10 21	0.80	
									15 07	0.23			18 34	0.10	
									22 43	0.86					
<b>9</b>	07 08	-0.21		<b>24</b>	07 44	-0.37		<b>9</b>	05 59	0.07		<b>9</b>	00 19	0.45	
<b>MON</b>	22 51	1.09		<b>TUE</b>	23 32	1.18		<b>THU</b>	11 00	0.39		<b>SUN</b>	04 18	0.32	
									15 57	0.20			10 51	0.88	
									23 15	0.75			19 42	0.03	
<b>10</b>	07 42	-0.17		<b>25</b>	08 25	-0.32		<b>10</b>	06 06	0.14		<b>10</b>	01 41	0.34	
<b>TUE</b>	23 20	1.03		<b>WED</b>				<b>FRI</b>	11 01	0.48		<b>MON</b>	04 09	0.31	
									16 56	0.18			11 26	0.94	
									23 51	0.62			20 45	-0.04	
<b>11</b>	08 11	-0.12		<b>26</b>	00 27	1.01		<b>11</b>	06 03	0.19		<b>11</b>	12 06	0.98	
<b>WED</b>	23 51	0.95		<b>THU</b>	09 00	-0.23		<b>SAT</b>	11 25	0.58		<b>TUE</b>	21 49	-0.09	
					15 33	0.23			18 18	0.16					
					17 37	0.21									
<b>12</b>	08 34	-0.06		<b>27</b>	01 21	0.80		<b>12</b>	00 30	0.49		<b>12</b>	12 53	1.00	
<b>THU</b>				<b>FRI</b>	09 27	-0.10		<b>SUN</b>	06 01	0.22		<b>WED</b>	23 06	-0.14	
					15 42	0.30			11 58	0.68					
					20 00	0.19			20 06	0.12					
<b>13</b>	00 26	0.85		<b>28</b>	02 13	0.56		<b>13</b>	01 15	0.35		<b>13</b>	13 48	1.00	
<b>FRI</b>	08 51	0.00		<b>SAT</b>	09 38	0.03		<b>MON</b>	05 58	0.24		<b>THU</b>			
					15 59	0.41			12 36	0.76					
					22 07	0.13			21 33	0.08					
<b>14</b>	01 02	0.73		<b>29</b>	03 12	0.32		<b>14</b>	13 20	0.83		<b>14</b>	00 48	-0.18	
<b>SAT</b>	09 04	0.06		<b>SUN</b>	09 11	0.13		<b>TUE</b>	23 01	0.03		<b>FRI</b>	15 06	0.98	
	15 18	0.35			16 27	0.53									
	17 19	0.35													
<b>15</b>	01 37	0.59		<b>30</b>	00 00	0.04		<b>15</b>	14 12	0.87		<b>15</b>	02 01	-0.23	
<b>SUN</b>	09 20	0.13		<b>MON</b>	17 10	0.65		<b>WED</b>				<b>SAT</b>	16 44	0.96	
	15 47	0.50													
	22 16	0.40													
				<b>31</b>	02 17	-0.07						<b>30</b>	01 54	-0.05	
				<b>TUE</b>	18 06	0.76						<b>SUN</b>	17 35	0.73	

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