

## BULAN, SORSOGON

LAT 12° 40'N LONG 123° 52'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>	02 54	0.27		<b>16</b>	02 44	0.30		<b>1</b>	01 33	0.69		<b>1</b>	10 18	1.66	
<b>MON</b>	10 45	0.85		<b>TUE</b>	09 24	0.98		<b>16</b>	09 27	1.43		<b>TUE</b>	18 32	-0.21	
	14 50	0.73			15 12	0.49			17 06	0.08					
	20 20	0.99			21 15	1.04			23 54	0.78					
<b>2</b>	03 36	0.27		<b>17</b>	03 24	0.37		<b>2</b>	00 07	0.76		<b>2</b>	01 55	0.75	
<b>TUE</b>	10 24	0.92		<b>WED</b>	09 45	1.15		<b>SUN</b>	02 06	0.73		<b>WED</b>	03 41	0.73	
	15 47	0.55			16 15	0.27			09 35	1.52			11 13	1.75	
	21 33	1.04			22 30	1.01			17 40	-0.08			19 14	-0.22	
<b>3</b>	04 06	0.29		<b>18</b>	03 54	0.44		<b>3</b>	01 17	0.75		<b>3</b>	02 02	0.75	
<b>WED</b>	10 27	1.03		<b>THU</b>	10 10	1.30		<b>MON</b>	02 39	0.74		<b>THU</b>	04 54	0.63	
	16 27	0.35			17 06	0.09			10 23	1.64			12 04	1.78	
	22 28	1.07			23 30	0.96			18 33	-0.18			19 50	-0.16	
<b>4</b>	04 31	0.33		<b>19</b>	04 17	0.49		<b>4</b>	02 11	0.72		<b>4</b>	02 15	0.79	
<b>THU</b>	10 39	1.15		<b>FRI</b>	10 37	1.44		<b>TUE</b>	03 21	0.72		<b>FRI</b>	05 58	0.53	
	17 05	0.17			17 51	-0.03			11 12	1.73			12 53	1.74	
	23 18	1.06							19 23	-0.23			20 19	-0.06	
<b>5</b>	04 51	0.38		<b>20</b>	00 21	0.89		<b>5</b>	02 46	0.70		<b>5</b>	02 29	0.88	
<b>FRI</b>	10 57	1.28		<b>SAT</b>	04 37	0.52		<b>WED</b>	04 19	0.68		<b>SAT</b>	06 58	0.43	
	17 43	0.02			11 06	1.55			12 01	1.78			13 39	1.63	
<b>6</b>	00 04	1.01			18 32	-0.10			20 09	-0.21			20 42	0.07	
<b>SAT</b>	05 07	0.43		<b>21</b>	01 07	0.80		<b>6</b>	03 10	0.69		<b>6</b>	02 45	1.00	
	11 18	1.40		<b>SUN</b>	04 57	0.54		<b>THU</b>	05 24	0.64		<b>SUN</b>	07 57	0.37	
	18 22	-0.10			11 36	1.62			12 51	1.77			14 24	1.46	
<b>7</b>	00 49	0.93			19 10	-0.12			20 48	-0.15			21 01	0.20	
<b>SUN</b>	05 22	0.47		<b>22</b>	01 47	0.73		<b>7</b>	03 30	0.72		<b>7</b>	03 06	1.13	
	11 43	1.52		<b>MON</b>	05 17	0.54		<b>FRI</b>	06 31	0.59		<b>MON</b>	08 54	0.34	
	19 03	-0.17			12 08	1.64			13 39	1.70			15 06	1.24	
<b>8</b>	01 35	0.83			19 45	-0.10			21 22	-0.05			21 15	0.33	
<b>MON</b>	05 37	0.50		<b>23</b>	02 24	0.67		<b>8</b>	03 49	0.79		<b>8</b>	03 33	1.24	
	12 12	1.60		<b>TUE</b>	05 39	0.54		<b>SAT</b>	07 37	0.56		<b>TUE</b>	09 56	0.35	
	19 44	-0.20			12 40	1.63			14 27	1.58			15 51	1.01	
<b>9</b>	02 19	0.72			20 19	-0.05			21 51	0.08			21 27	0.44	
<b>TUE</b>	05 54	0.51		<b>24</b>	02 57	0.64		<b>9</b>	04 12	0.89		<b>9</b>	04 05	1.31	
	12 44	1.66		<b>WED</b>	06 01	0.54		<b>SUN</b>	08 45	0.54		<b>WED</b>	11 09	0.38	
	20 27	-0.18			13 12	1.59			15 17	1.40			16 42	0.78	
<b>10</b>	03 06	0.63			20 52	0.01			22 18	0.22			21 30	0.53	
<b>WED</b>	06 10	0.51		<b>25</b>	03 33	0.63		<b>10</b>	04 40	1.00		<b>10</b>	04 45	1.33	
	13 18	1.66		<b>THU</b>	06 24	0.57		<b>MON</b>	10 01	0.53		<b>THU</b>	12 51	0.38	
	21 14	-0.12			13 45	1.52			16 09	1.19			18 42	0.59	
<b>11</b>	04 02	0.56			21 27	0.08			22 44	0.35			20 12	0.58	
<b>THU</b>	06 23	0.52		<b>26</b>	04 20	0.64		<b>11</b>	05 16	1.11		<b>11</b>	05 40	1.32	
	13 58	1.61		<b>FRI</b>	06 45	0.61		<b>TUE</b>	11 30	0.51		<b>FRI</b>	15 06	0.30	
	22 08	-0.03			14 18	1.42			17 13	0.96					
<b>12</b>	14 45	1.50			22 15	0.01			23 10	0.48					
<b>FRI</b>	23 15	0.08		<b>27</b>	05 35	0.67		<b>12</b>	06 01	1.21		<b>12</b>	07 03	1.32	
				<b>SAT</b>	07 00	0.67		<b>WED</b>	13 14	0.45		<b>SAT</b>	16 30	0.16	
					14 57	1.30			18 48	0.76					
<b>13</b>	15 46	1.33			22 58	0.24			23 37	0.59					
<b>SAT</b>				<b>28</b>	05 47	1.17		<b>13</b>	06 56	1.29		<b>13</b>	08 35	1.36	
				<b>SUN</b>				<b>THU</b>	14 58	0.33		<b>SUN</b>	17 18	0.06	
<b>14</b>	00 36	0.17							22 12	0.69					
<b>SUN</b>	17 27	1.16		<b>29</b>	00 00	0.32		<b>14</b>	00 03	0.67		<b>14</b>	01 31	0.83	
				<b>MON</b>	08 18	0.82		<b>FRI</b>	07 57	1.36		<b>MON</b>	02 09	0.83	
					10 43	0.81			16 18	0.19			09 42	1.44	
<b>15</b>	01 50	0.24			17 15	1.04							17 53	-0.01	
<b>MON</b>	09 11	0.84		<b>30</b>	01 05	0.38		<b>15</b>	08 56	1.44		<b>15</b>	01 06	0.83	
	13 21	0.69		<b>TUE</b>	08 30	0.92		<b>SAT</b>	17 16	0.07		<b>TUE</b>	03 45	0.76	
	19 36	1.07			13 46	0.71							10 31	1.51	
					19 10	0.96							18 22	-0.03	
				<b>31</b>	02 00	0.43		<b>30</b>	08 03	1.41		<b>30</b>	00 51	0.81	
				<b>WED</b>	08 51	1.03			16 48	0.01		<b>WED</b>	03 03	0.77	
					15 06	0.53							10 15	1.61	
					20 47	0.93							18 06	-0.15	
												<b>31</b>	00 45	0.81	
												<b>THU</b>	04 18	0.60	
													11 10	1.68	
													18 38	-0.10	

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