

## ABRA DE ILOG, OCCIDENTAL MINDORO

LAT 13° 28'N LONG 120° 46'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

January				February				March				April			
Time	Ht.	Time	Ht.	Time	Ht.	Time	Ht.	Time	Ht.	Time	Ht.	Time	Ht.	Time	Ht.
h. min.	m.	h. min.	m.	h. min.	m.	h. min.	m.	h. min.	m.	h. min.	m.	h. min.	m.	h. min.	m.
<b>1</b> SUN	00 23 0.55 05 03 0.66 11 15 0.40 18 36 0.90	<b>16</b> MON	03 31 0.61 09 41 0.36 17 02 0.91	<b>1</b> WED	03 34 0.03 18 36 1.08	<b>16</b> THU	02 34 -0.05 17 38 1.19	<b>1</b> WED	01 36 0.02 16 12 0.99	<b>16</b> THU	00 44 -0.07 15 35 1.17	<b>1</b> SAT	02 28 0.00 18 21 0.90	<b>16</b> SUN	02 21 -0.05 18 42 1.09
<b>2</b> MON	02 24 0.38 07 45 0.52 11 02 0.48 19 03 1.02	<b>17</b> TUE	01 42 0.37 06 06 0.44 09 22 0.41 17 43 1.05	<b>2</b> THU	04 17 -0.08 19 30 1.13	<b>17</b> FRI	03 36 -0.19 18 56 1.27	<b>2</b> THU	02 47 -0.05 17 28 0.98	<b>17</b> FRI	02 02 -0.14 16 57 1.17	<b>2</b> SUN	03 11 0.02 19 41 0.92	<b>17</b> MON	03 05 0.01 10 41 0.59 13 09 0.57 20 04 1.06
<b>3</b> TUE	03 38 0.20 19 34 1.13	<b>18</b> WED	02 57 0.17 18 32 1.19	<b>3</b> FRI	04 50 -0.15 20 20 1.17	<b>18</b> SAT	04 24 -0.28 20 06 1.34	<b>3</b> FRI	03 33 -0.09 18 57 0.99	<b>18</b> SAT	03 04 -0.19 18 43 1.18	<b>3</b> MON	03 45 0.04 11 23 0.58 14 04 0.55 20 40 0.94	<b>18</b> TUE	03 37 0.11 09 53 0.65 14 45 0.41 21 13 1.01
<b>4</b> WED	04 29 0.04 20 07 1.22	<b>19</b> THU	03 52 -0.03 19 24 1.33	<b>4</b> SAT	05 20 -0.19 21 07 1.20	<b>19</b> SUN	05 07 -0.32 21 09 1.38	<b>4</b> SAT	04 08 -0.12 20 03 1.02	<b>19</b> SUN	03 52 -0.20 20 03 1.21	<b>4</b> TUE	04 12 0.09 10 46 0.59 15 07 0.45 21 30 0.94	<b>19</b> WED	04 00 0.22 09 57 0.76 15 53 0.24 22 15 0.92
<b>5</b> THU	05 09 -0.08 20 42 1.29	<b>20</b> FRI	04 42 -0.20 20 17 1.44	<b>5</b> SUN	05 50 -0.19 21 51 1.21	<b>20</b> MON	05 45 -0.31 22 08 1.37 ●	<b>5</b> SUN	04 39 -0.12 20 57 1.05	<b>20</b> MON	04 30 -0.17 11 45 0.46 13 36 0.44 21 11 1.21	<b>5</b> WED	04 34 0.15 10 39 0.64 15 56 0.34 22 17 0.92	<b>20</b> THU	04 18 0.33 10 14 0.90 16 51 0.09 23 15 0.79 ●
<b>6</b> FRI	05 45 -0.15 21 19 1.33	<b>21</b> SAT	05 28 -0.31 21 10 1.51	<b>6</b> MON	06 18 -0.17 22 33 1.20 ○	<b>21</b> TUE	06 18 -0.24 12 41 0.40 15 33 0.33 23 03 1.30	<b>6</b> MON	05 08 -0.10 12 27 0.46 13 57 0.45 21 44 1.07	<b>21</b> TUE	05 02 -0.09 11 09 0.49 15 15 0.32 22 10 1.15	<b>6</b> THU	04 50 0.22 10 44 0.72 16 42 0.22 23 03 0.85 ○	<b>21</b> FRI	04 28 0.42 10 37 1.03 17 48 -0.02
<b>7</b> SAT	06 18 -0.18 21 57 1.34 ○	<b>22</b> SUN	06 12 -0.36 22 04 1.53 ●	<b>7</b> TUE	06 45 -0.12 13 34 0.42 15 02 0.41 23 13 1.16	<b>22</b> WED	06 48 -0.14 12 43 0.46 16 55 0.26 23 55 1.16	<b>7</b> TUE	05 33 -0.06 12 00 0.46 15 16 0.39 22 27 1.06 ○	<b>22</b> WED	05 27 0.01 11 14 0.59 16 26 0.19 23 05 1.04 ●	<b>7</b> FRI	05 01 0.29 10 57 0.83 17 29 0.11 23 49 0.75	<b>22</b> SAT	00 18 0.64 04 30 0.48 11 03 1.14 18 44 -0.09
<b>8</b> SUN	06 51 -0.18 22 35 1.32	<b>23</b> MON	06 54 -0.35 22 58 1.50	<b>8</b> WED	07 09 -0.07 13 28 0.44 16 10 0.39 23 51 1.10	<b>23</b> THU	07 11 -0.02 12 59 0.56 18 08 0.21	<b>8</b> WED	05 55 -0.01 11 57 0.50 16 15 0.32 23 07 1.01	<b>23</b> THU	05 46 0.13 11 31 0.70 17 28 0.09 23 56 0.88	<b>8</b> SAT	05 10 0.36 11 18 0.95 18 19 0.02	<b>23</b> SUN	01 51 0.50 04 09 0.48 11 30 1.21 19 43 -0.11
<b>9</b> MON	07 22 -0.14 23 12 1.28	<b>24</b> TUE	07 33 -0.28 23 52 1.40	<b>9</b> THU	07 28 0.00 13 35 0.49 17 18 0.37	<b>24</b> FRI	00 43 0.98 07 27 0.10 13 21 0.67 19 14 0.17	<b>9</b> THU	06 12 0.06 12 04 0.56 17 10 0.25 23 47 0.93	<b>24</b> FRI	06 00 0.23 11 54 0.83 18 27 0.02	<b>9</b> SUN	00 40 0.63 05 15 0.41 11 42 1.07 19 12 -0.05	<b>24</b> MON	12 00 1.25 20 45 -0.10
<b>10</b> TUE	07 52 -0.09 23 50 1.23	<b>25</b> WED	08 07 -0.17 14 44 0.43 16 48 0.41	<b>10</b> FRI	00 27 1.01 07 44 0.07 13 48 0.57 18 30 0.36	<b>25</b> SAT	01 27 0.76 07 36 0.20 13 48 0.79 20 23 0.16	<b>10</b> FRI	06 25 0.13 12 18 0.66 18 04 0.19	<b>25</b> SAT	00 45 0.69 06 06 0.31 12 21 0.94 19 27 -0.02	<b>10</b> MON	01 43 0.50 05 05 0.44 12 12 1.17 20 15 -0.08	<b>25</b> TUE	12 30 1.23 21 47 -0.07
<b>11</b> WED	08 20 -0.02	<b>26</b> THU	00 44 1.25 08 36 -0.04 14 51 0.51 18 36 0.42	<b>11</b> SAT	01 06 0.88 07 57 0.15 14 08 0.67 19 41 0.34	<b>26</b> SUN	02 12 0.54 07 36 0.26 14 16 0.88 21 57 0.15	<b>11</b> SAT	00 27 0.81 06 36 0.20 12 38 0.77 18 59 0.13	<b>26</b> SUN	01 35 0.50 06 03 0.34 12 48 1.03 20 33 -0.02	<b>11</b> TUE	12 44 1.24 21 34 -0.10	<b>26</b> WED	13 03 1.18 22 45 -0.02
<b>12</b> THU	00 26 1.15 08 44 0.05	<b>27</b> FRI	01 33 1.05 08 58 0.09 15 11 0.61 20 08 0.41	<b>12</b> SUN	01 47 0.73 08 06 0.22 14 32 0.78 20 57 0.31	<b>27</b> MON	03 00 0.34 07 09 0.28 14 48 0.95 ☾	<b>12</b> SUN	01 10 0.67 06 44 0.26 13 03 0.89 19 57 0.09	<b>27</b> MON	02 42 0.34 04 55 0.33 13 17 1.07 22 00 -0.02	<b>12</b> WED	13 20 1.27 23 02 -0.11	<b>27</b> THU	13 37 1.11 23 40 0.03
<b>13</b> FRI	01 02 1.06 09 04 0.12 15 54 0.58 18 03 0.56	<b>28</b> SAT	02 20 0.83 09 11 0.21 15 38 0.73 21 48 0.40 ☾	<b>13</b> MON	02 34 0.56 08 09 0.28 15 02 0.90 22 49 0.25	<b>28</b> TUE	00 06 0.10 15 24 0.98	<b>13</b> MON	01 59 0.51 06 43 0.31 13 30 0.99 21 09 0.06	<b>28</b> TUE	13 48 1.08 23 26 -0.02	<b>13</b> THU	14 03 1.26 ☾	<b>28</b> FRI	14 16 1.02 ☾
<b>14</b> SAT	01 41 0.94 09 21 0.20 16 06 0.66 20 26 0.58	<b>29</b> SUN	03 08 0.60 09 11 0.30 16 11 0.84	<b>14</b> TUE	03 45 0.37 07 45 0.31 15 39 1.01 ☾	<b>15</b> WED	01 12 0.11 16 29 1.11	<b>14</b> TUE	03 06 0.35 05 55 0.33 14 03 1.08 23 00 0.01	<b>29</b> WED	14 24 1.05 ☾	<b>14</b> FRI	00 18 -0.11 15 01 1.21	<b>29</b> SAT	00 32 0.09 15 12 0.94
<b>15</b> SUN	02 26 0.79 09 34 0.28 16 29 0.78 22 47 0.54 ☾	<b>30</b> MON	00 30 0.31 04 25 0.39 08 42 0.34 16 51 0.93	<b>15</b> WED		<b>31</b> TUE	02 21 0.17 17 42 1.01	<b>15</b> WED	14 42 1.14 ☾	<b>30</b> THU	00 36 -0.02 15 06 0.99	<b>15</b> SAT	01 26 -0.09 16 42 1.13	<b>30</b> SUN	01 21 0.14 17 24 0.87
		<b>31</b> TUE								<b>31</b> FRI	01 36 -0.01 16 15 0.93				

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

## ABRA DE ILOG, OCCIDENTAL MINDORO

LAT 13° 28'N LONG 120° 46'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.		h. min. m.		h. min. m.		h. min. m.		h. min. m.	
<b>1</b>	02 03	0.19		<b>16</b>	02 00	0.26		<b>1</b>	07 34	1.26		<b>16</b>	08 20	1.29	
<b>MON</b>	10 52	0.72		<b>TUE</b>	08 43	0.79		<b>FRI</b>	16 32	-0.01		<b>SUN</b>	17 34	-0.19	
	13 37	0.70			14 09	0.52						<b>TUE</b>	17 50	-0.35	
	19 06	0.85			20 06	0.88						<b>WED</b>			1.17
															-0.14
<b>2</b>	02 35	0.25		<b>17</b>	02 24	0.38		<b>2</b>	08 13	1.39		<b>2</b>	09 39	1.49	
<b>TUE</b>	09 42	0.74		<b>WED</b>	08 46	0.91		<b>SAT</b>	17 19	-0.17		<b>WED</b>	18 30	-0.34	
	14 42	0.58			15 21	0.33									1.15
	20 16	0.84			21 25	0.79									-0.09
<b>3</b>	02 59	0.31		<b>18</b>	02 41	0.49		<b>3</b>	08 56	1.50		<b>3</b>	10 36	1.47	
<b>WED</b>	09 26	0.80		<b>THU</b>	09 03	1.05		<b>MON</b>	18 07	-0.28		<b>THU</b>	19 07	-0.28	
	15 27	0.44			16 22	0.15									0.41
	21 17	0.82			22 51	0.69									0.37
															1.11
															-0.03
<b>4</b>	03 15	0.39		<b>19</b>	02 48	0.56		<b>4</b>	09 42	1.57		<b>4</b>	11 31	1.39	
<b>THU</b>	09 28	0.89		<b>FRI</b>	09 27	1.18		<b>TUE</b>	18 54	-0.32		<b>FRI</b>	19 40	-0.18	
	16 11	0.28			17 18	0.00									0.45
	22 15	0.77													0.35
															1.03
															0.04
<b>5</b>	03 27	0.46		<b>20</b>	00 57	0.61		<b>5</b>	10 31	1.58		<b>5</b>	02 01	0.42	
<b>FRI</b>	09 42	1.02		<b>SAT</b>	02 35	0.60		<b>WED</b>	19 39	-0.31		<b>SAT</b>	04 47	0.37	
	16 56	0.13			09 54	1.29							12 24	1.25	0.51
	23 17	0.69			18 12	-0.10							20 07	-0.06	0.33
															0.93
															0.10
<b>6</b>	03 34	0.52		<b>21</b>	10 22	1.36		<b>6</b>	11 24	1.54		<b>6</b>	02 12	0.51	
<b>SAT</b>	10 03	1.15		<b>SUN</b>	19 05	-0.15		<b>THU</b>	20 22	-0.25		<b>SUN</b>	06 26	0.36	
	17 44	0.00											13 14	1.05	0.60
													20 28	0.07	0.31
															0.81
															0.17
<b>7</b>	00 37	0.61		<b>22</b>	10 53	1.39		<b>7</b>	12 18	1.44		<b>7</b>	02 34	0.63	
<b>SUN</b>	03 33	0.56		<b>MON</b>	19 54	-0.15		<b>FRI</b>	21 01	-0.15		<b>MON</b>	07 51	0.34	
	10 30	1.27											14 03	0.82	0.70
	18 37	-0.10											20 41	0.19	0.28
															0.66
															0.22
<b>8</b>	11 02	1.37		<b>23</b>	11 26	1.37		<b>8</b>	13 12	1.29		<b>8</b>	03 01	0.75	
<b>MON</b>	19 36	-0.16		<b>TUE</b>	20 40	-0.11		<b>SAT</b>	21 36	-0.02		<b>TUE</b>	09 21	0.31	
													14 53	0.58	0.80
													20 42	0.28	0.25
															0.50
															0.27
<b>9</b>	11 36	1.43		<b>24</b>	11 59	1.31		<b>9</b>	14 08	1.10		<b>9</b>	03 33	0.87	
<b>TUE</b>	20 42	-0.18		<b>WED</b>	21 24	-0.05		<b>SUN</b>	22 03	0.11		<b>WED</b>	11 45	0.24	
													13 36	0.87	0.91
													20 17	0.32	0.20
															0.34
															0.30
<b>10</b>	12 14	1.44		<b>25</b>	12 33	1.23		<b>10</b>	05 06	0.65		<b>10</b>	04 12	0.96	
<b>WED</b>	21 48	-0.17		<b>THU</b>	22 06	0.02		<b>MON</b>	08 53	0.58		<b>THU</b>	13 37	0.11	
									15 05	0.88					1.01
									22 23	0.24					0.09
<b>11</b>	12 57	1.40		<b>26</b>	13 09	1.14		<b>11</b>	05 20	0.77		<b>11</b>	05 01	1.03	
<b>THU</b>	22 51	-0.12		<b>FRI</b>	22 46	0.10		<b>TUE</b>	11 21	0.51		<b>FRI</b>	15 00	-0.02	
									16 17	0.66					1.09
									22 30	0.36					-0.05
<b>12</b>	13 47	1.32		<b>27</b>	13 45	1.05		<b>12</b>	05 48	0.90		<b>12</b>	06 02	1.08	
<b>FRI</b>	23 50	-0.05		<b>SAT</b>	23 27	0.17		<b>WED</b>	13 42	0.35		<b>SAT</b>	15 54	-0.12	
									18 53	0.47					1.16
									22 09	0.43					-0.16
<b>13</b>	14 55	1.20		<b>28</b>	14 30	0.95		<b>13</b>	06 21	1.03		<b>13</b>	07 05	1.12	
<b>SAT</b>				<b>SUN</b>				<b>THU</b>	15 10	0.17		<b>SUN</b>	16 33	-0.17	
															1.23
															-0.25
<b>14</b>	00 43	0.04		<b>29</b>	00 04	0.24		<b>14</b>	06 59	1.14		<b>14</b>	08 02	1.15	
<b>SUN</b>	16 48	1.07		<b>MON</b>	16 00	0.85		<b>FRI</b>	16 11	0.00		<b>MON</b>	17 05	-0.19	
															1.29
															-0.29
<b>15</b>	01 27	0.14		<b>30</b>	00 36	0.32		<b>15</b>	07 39	1.23		<b>15</b>	08 54	1.17	
<b>MON</b>	09 40	0.72		<b>TUE</b>	08 37	0.80		<b>SAT</b>	16 57	-0.12		<b>TUE</b>	17 34	-0.18	
	12 15	0.69			14 01	0.70									1.34
	18 39	0.97			18 12	0.76									-0.27
				<b>31</b>	01 02	0.39						<b>31</b>	07 48	1.38	
				<b>WED</b>	08 09	0.88						<b>MON</b>	17 07	-0.29	
					14 56	0.54									1.34
					19 51	0.70									-0.21

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

## 2023

## TIMES AND HEIGHTS OF HIGH AND LOW WATERS

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