## **BALER, AURORA**

LAT 15° 46'N LONG 121° 36'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

September		October		November		December	
Time Ht.	Time Ht.	Time Ht.	Time Ht.	Time Ht.	Time Ht.	Time Ht.	Time Ht.
h. min. m. 1 00 03 0.11 FRI 06 13 1.77 12 24 -0.04 18 45 1.69	h. min. m. <b>16</b> 00 06 0.08 <b>SAT</b> 06 12 1.51 12 19 0.04 18 30 1.54	h. min. m. 1 00 25 -0.12 SUN 06 41 1.63 12 27 0.08 18 42 1.71	h. min. m.  16 00 12 -0.08  MON 06 23 1.41 12 18 0.13 18 20 1.54	h. min. m. 1 01 18 -0.10 WED 07 44 1.24 13 16 0.32 19 17 1.41	h. min. m. <b>16</b> 00 30 -0.11 <b>THU</b> 07 29 1.19 12 49 0.32 18 57 1.41	h. min. m. 1 01 49 -0.05 FRI 08 13 1.06 13 42 0.37 19 36 1.19	h. min. m. <b>16</b> 01 09 -0.11 SAT 08 18 1.14 13 36 0.33 19 46 1.36
<b>2</b> 00 46 0.04 SAT 06 57 1.74 12 59 0.02 19 21 1.71	<b>17</b> 00 39 0.05 <b>SUN</b> 06 41 1.50 12 47 0.09 18 54 1.55	<b>2</b> 01 03 -0.11 <b>MON</b> 07 21 1.53 13 03 0.16 19 15 1.65	<b>17</b> 00 38 -0.07 TUE 06 57 1.37 12 42 0.21 18 46 1.52	<b>2</b> 01 57 -0.03 THU 08 24 1.13 13 57 0.40 19 48 1.28	<b>17</b> 01 09 -0.08 <b>FRI</b> 08 15 1.12 13 30 0.39 19 34 1.35	2 02 24 0.00 SAT 08 54 1.01 14 25 0.42 20 10 1.09	17 02 18 -0.07 sun 09 08 1.12 14 38 0.36 20 40 1.28
3 01 30 0.02 SUN 07 41 1.65 13 37 0.10 19 56 1.68	<b>18</b> 01 11 0.05 MON 07 12 1.46 13 12 0.16 19 20 1.54	<b>3</b> 01 44 -0.06 <b>TUE</b> 08 01 1.40 13 42 0.27 19 48 1.55	18 01 01 -0.05 WED 07 32 1.30 13 07 0.28 19 12 1.48	<b>3</b> 02 42 0.05 <b>FRI</b> 09 09 1.02 14 38 0.49 20 19 1.14	18 02 01 -0.03 SAT 09 08 1.04 14 22 0.46 20 23 1.25	3 03 05 0.06 SUN 09 41 0.96 15 12 0.46 20 51 0.98	18 03 20 -0.02 MON 10 02 1.11 15 45 0.37 21 42 1.16
<b>4</b> 02 15 0.04 MON 08 25 1.50 14 16 0.22 20 32 1.60	<b>19</b> 01 40 0.06 <b>TUE</b> 07 46 1.39 13 37 0.24 19 45 1.51	4 02 27 0.01 WED 08 42 1.24 14 20 0.39 20 21 1.40	19 01 32 -0.02 THU 08 12 1.21 13 39 0.37 19 39 1.42	<b>4</b> 03 30 0.14 <b>SAT</b> 10 07 0.92 15 25 0.58 20 55 0.99	<b>19</b> 03 11 0.04 <b>SUN</b> 10 15 0.99 15 33 0.53 21 34 1.13	<b>4</b> 03 50 0.14 MON 10 39 0.92 16 06 0.50 22 02 0.87	<b>19</b> 04 17 0.06 <b>TUE</b> 11 00 1.11 17 00 0.35 22 52 1.05
5 03 01 0.10 TUE 09 10 1.32 14 54 0.36 21 09 1.47	<b>20</b> 02 11 0.08 WED 08 23 1.30 14 06 0.34 20 10 1.45	<b>5</b> 03 12 0.11 THU 09 30 1.08 14 59 0.52 20 51 1.24	<b>20</b> 02 15 0.02 FRI 09 00 1.09 14 21 0.47 20 15 1.32	<b>5</b> 04 30 0.23 <b>SUN</b> 11 37 0.86	<b>20</b> 04 35 0.11 MON 11 42 0.99	<b>5</b> 04 43 0.22 <b>TUE</b> 11 45 0.91	<b>20</b> 05 18 0.16 WED 12 03 1.12 3 18 20 0.29
6 03 49 0.19 WED 10 01 1.14 15 33 0.51 21 48 1.32	<b>21</b> 02 50 0.12 THU 09 06 1.17 14 42 0.44 20 42 1.38	6 04 02 0.22 FRI 10 33 0.94 © 15 42 0.65 21 26 1.08	21 03 15 0.10 SAT 10 08 0.98 15 19 0.59 21 12 1.20	6 06 07 0.28 MON 13 24 0.90 19 31 0.62	<b>21</b> 06 00 0.16 TUE 13 02 1.07 19 03 0.42	6 06 04 0.30 WED 12 51 0.94 19 22 0.41	<b>21</b> 00 18 0.97 <b>THU</b> 06 24 0.25 13 01 1.16 19 34 0.18
<b>7</b> 04 42 0.29 <b>THU</b> 11 09 0.98	<b>22</b> 03 42 0.17 FRI 10 09 1.03 15 30 0.57 21 30 1.28	7 05 11 0.31 SAT 12 51 0.88 16 45 0.75 23 28 0.94	<b>22</b> 04 36 0.17 <b>SUN</b> 11 54 0.94	7 00 49 0.83 TUE 07 32 0.27 14 18 0.98 20 33 0.46	<b>22</b> 00 48 1.02 WED 07 12 0.17 13 55 1.17 20 15 0.24	<b>7</b> 01 06 0.80 <b>THU</b> 07 25 0.32 13 44 1.00 20 19 0.28	<b>22</b> 01 46 0.96 <b>FRI</b> 07 28 0.31 13 54 1.20 20 41 0.07
8 05 57 0.36 FRI 13 18 0.91 17 22 0.78	<b>23</b> 04 50 0.23 <b>SAT</b> 11 49 0.94	8 07 00 0.33 SUN 14 38 0.94 20 18 0.70	<b>23</b> 06 21 0.20 MON 13 39 1.03 19 22 0.59	<b>8</b> 02 14 0.90 WED 08 27 0.23 14 53 1.07 21 09 0.30	<b>23</b> 02 12 1.08 THU 08 12 0.16 14 40 1.27 21 09 0.06	<b>8</b> 02 18 0.85 <b>FRI</b> 08 21 0.31 14 27 1.08 21 01 0.15	<b>23</b> 02 57 0.98 <b>SAT</b> 08 27 0.34 14 43 1.24 21 42 -0.03
9 00 11 1.08 SAT 07 37 0.35 15 12 0.98 20 18 0.76	<b>24</b> 06 27 0.25 sun 13 54 1.00 19 15 0.71	9 01 42 0.94 MON 08 21 0.27 15 25 1.04 21 09 0.54	<b>24</b> 00 58 1.09 TUE 07 42 0.15 14 36 1.17 20 36 0.38	9 03 09 0.99 THU 09 09 0.18 15 24 1.17 21 41 0.15	<b>24</b> 03 15 1.16 FRI 09 03 0.16 15 21 1.36 21 59 -0.08	9 03 12 0.92 SAT 09 04 0.28 15 03 1.15 21 38 0.05	<b>24</b> 04 01 1.03 <b>SUN</b> 09 23 0.34 15 30 1.28 22 40 -0.09
10 02 05 1.08 SUN 09 01 0.27 16 03 1.08 21 25 0.62	<b>25</b> 00 59 1.18 MON 07 57 0.18 15 06 1.14 20 42 0.54	<b>10</b> 02 53 1.04 TUE 09 12 0.18 15 50 1.15 21 41 0.38	<b>25</b> 02 28 1.21 WED 08 43 0.08 15 18 1.32 21 28 0.16	<b>10</b> 03 51 1.09 <b>FRI</b> 09 45 0.15 15 53 1.27 22 12 0.03	<b>25</b> 04 10 1.22 <b>SAT</b> 09 49 0.18 15 59 1.42 22 46 -0.16	10 03 57 0.99 SUN 09 42 0.27 15 39 1.23 22 12 -0.03	<b>25</b> 04 57 1.07 MON 10 14 0.34 16 16 1.30 23 35 -0.12
11 03 12 1.17 MON 09 53 0.17 16 32 1.18 22 03 0.49	<b>26</b> 02 34 1.30 TUE 09 03 0.08 15 49 1.31 21 39 0.34	<b>11</b> 03 41 1.15 WED 09 48 0.11 16 12 1.25 22 10 0.23	<b>26</b> 03 30 1.34 THU 09 33 0.04 15 55 1.45 22 14 -0.01	11 04 27 1.17 SAT 10 18 0.13 16 21 1.35 22 44 -0.06	<b>26</b> 04 59 1.25 sun 10 31 0.20 16 36 1.45 23 32 -0.18	<b>11</b> 04 39 1.05 <b>MON</b> 10 18 0.25 16 15 1.30 22 41 -0.08	<b>26</b> 05 45 1.09 TUE 11 00 0.33 17 00 1.31
<b>12</b> 04 01 1.27 <b>TUE</b> 10 30 0.10 16 54 1.28 22 33 0.36	<b>27</b> 03 38 1.46 WED 09 56 0.00 16 27 1.46 22 25 0.15	<b>12</b> 04 18 1.26 <b>THU</b> 10 20 0.06 16 36 1.35 22 39 0.10	<b>27</b> 04 21 1.44 FRI 10 15 0.04 16 31 1.55 22 56 -0.13	12 05 00 1.23 sun 10 51 0.13 16 50 1.41 23 15 -0.11	<b>27</b> 05 44 1.24 MON 11 09 0.24 17 13 1.44	<b>12</b> 05 19 1.10 <b>TUE</b> 10 52 0.25 16 52 1.36 23 06 -0.10	<b>27</b> 00 22 -0.12 WED 06 24 1.10 11 41 0.33 17 40 1.30
13 04 40 1.36 WED 10 59 0.04 17 17 1.37 23 03 0.24	<b>28</b> 04 30 1.59 THU 10 40 -0.04 17 03 1.59 23 08 0.01	<b>13</b> 04 51 1.34 FRI 10 51 0.04 17 01 1.44 23 10 0.00	<b>28</b> 05 06 1.48 <b>SAT</b> 10 54 0.06 17 05 1.61 23 35 -0.18	13 05 33 1.26 MON 11 23 0.16 17 20 1.45 23 41 -0.12	<b>28</b> 00 15 -0.16 <b>TUE</b> 06 24 1.21 11 46 0.27 17 49 1.41	13 06 01 1.13 WED 11 26 0.27 17 33 1.40 23 37 -0.12	<b>28</b> 01 01 -0.11 <b>THU</b> 06 57 1.10 12 17 0.32 18 19 1.28
14 05 13 1.44 THU 11 24 0.02 17 41 1.45 23 33 0.15	<b>29</b> 05 17 1.67 <b>FRI</b> 11 18 -0.03 1.68 23 48 -0.08	<b>14</b> 05 21 1.40 <b>SAT</b> 11 21 0.04 17 27 1.50 23 42 -0.06	29 05 49 1.47 SUN 11 28 0.12 17 38 1.62	<b>14</b> 06 09 1.26 TUE 11 51 0.20 17 51 1.46	<b>29</b> 00 53 -0.13 WED 07 00 1.17 12 23 0.31 18 25 1.35	<b>14</b> 06 45 1.15 THU 12 02 0.29 18 14 1.42	<b>29</b> 01 30 -0.09 FRI 07 27 1.10 12 54 0.31 18 55 1.25
15 05 44 1.49 FRI 11 51 0.01 18 05 1.50	<b>30</b> 06 00 1.68 <b>SAT</b> 11 52 0.01 1.72	15 05 51 1.42 sun 11 51 0.07 17 53 1.54	<b>30</b> 00 11 -0.18 MON 06 29 1.42 12 02 0.18 18 11 1.59	<b>15</b> 00 02 -0.12 WED 06 48 1.24 12 17 0.26 18 23 1.45	<b>30</b> 01 22 -0.09 <b>THU</b> 07 36 1.12 13 02 0.34 19 01 1.28	<b>15</b> 00 17 -0.12 FRI 07 30 1.15 12 45 0.31 18 58 1.41	<b>30</b> 01 48 -0.07 <b>SAT</b> 07 59 1.09 13 31 0.30 19 29 1.20
			<b>31</b> 00 43 -0.15 TUE 07 06 1.34 12 38 0.24 18 44 1.52				31 02 07 -0.04 SUN 08 32 1.08 14 10 0.30 20 03 1.14

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