

The Daily Astorian.

ASTORIA, OREGON:

WEDNESDAY, DECEMBER 19, 1888

SHIPPING INTELLIGENCE

PORT OF ASTORIA.

VESSELS IN THE RIVER.

Benj. Sewell, Am. sp 1882 N Y
John Gambles, Br bk 1887
Clan McKennie, Br bk 1887 S D Nov 1
Lorion, Br bk 1880 Mayport May 26
Maxwell, Br bk 1880 S P Oct 23
Morehead, Br bk 1887 Liverpool June 26
Vernon, Br bk 1887 Newcastle
Jerusalem, Nor bk 901 S P
Thunderbolt, Br bk 1888
Firth of Strom, Br bk 1888 S D Oct 11
J W Mart, Am sp 1888 N Y Mar 21
Samarland, Br bk 1884 Dallas
Ansel, Br bk 706 Bristol
Deaford, Br bk 682 S P Oct 25
Alexandra, Br bk 1882 Brisbane
Latterworth, Br bk 897 Otago Oct 5
Oakworth, Br bk

VESSELS ON THE WAY.

Andes, Br bk 801 Newcastle
Bunhilda, Br bk 1881, Newcastle
Famouth, Br bk 886, Maryborough
Vandura, Br bk 2012 S W
Ariadne, Br bk 1127 S D
Archer, Br bk 765 Liverpool Aug 28
C S Hulbert, Am bk 1886 N Y Aug 2
C S Bement, Am bk 1889 N Y Aug 19
City of Carlisle, Br bk 1885 Liverpool
Dumore, Br bk 1880 Liverpool
Gartmore, Br bk 1885 Liverpool Sept 22
Childwall, Br bk 1886 S P Oct 17
Port Lonsach, Br bk 1882 R J Sept 22
Hadden Hall, Br bk 1885 Newcastle
M E Watson, Br bk 1880 Mayport Sept 8
City of Canton, Br bk 200 Glasgow Oct 19
Mastika Fisher, Br bk 1881 Melbourne
British India, Br bk 1889 Grimsby Sept 27
J H Nicolai, Ger bk 1888 S P
Ruthwell, Br bk 1886 R J
Ottenspool, Br bk 1888 Newcastle
Samos, Br bk 1889 Liverpool Sept 6
Fairy Cross, Br bk 1889 Mayport Oct 22

TIDE TABLE FOR ASTORIA.

| DECEMBER. | | LOW WATER. | | HIGH WATER. | |
|-----------|---------|------------|---------|-------------|---------|
| First. | Second. | First. | Second. | First. | Second. |
| Date. | Time. | Time. | Time. | Time. | Time. |
| 1 | 4.30 | 1.30 | 4.30 | 1.30 | 4.30 |
| 2 | 4.38 | 1.38 | 4.38 | 1.38 | 4.38 |
| 3 | 4.46 | 1.46 | 4.46 | 1.46 | 4.46 |
| 4 | 4.54 | 1.54 | 4.54 | 1.54 | 4.54 |
| 5 | 5.02 | 2.02 | 5.02 | 2.02 | 5.02 |
| 6 | 5.10 | 2.10 | 5.10 | 2.10 | 5.10 |
| 7 | 5.18 | 2.18 | 5.18 | 2.18 | 5.18 |
| 8 | 5.26 | 2.26 | 5.26 | 2.26 | 5.26 |
| 9 | 5.34 | 2.34 | 5.34 | 2.34 | 5.34 |
| 10 | 5.42 | 2.42 | 5.42 | 2.42 | 5.42 |
| 11 | 5.50 | 2.50 | 5.50 | 2.50 | 5.50 |
| 12 | 5.58 | 2.58 | 5.58 | 2.58 | 5.58 |
| 13 | 6.06 | 3.06 | 6.06 | 3.06 | 6.06 |
| 14 | 6.14 | 3.14 | 6.14 | 3.14 | 6.14 |
| 15 | 6.22 | 3.22 | 6.22 | 3.22 | 6.22 |
| 16 | 6.30 | 3.30 | 6.30 | 3.30 | 6.30 |
| 17 | 6.38 | 3.38 | 6.38 | 3.38 | 6.38 |
| 18 | 6.46 | 3.46 | 6.46 | 3.46 | 6.46 |
| 19 | 6.54 | 3.54 | 6.54 | 3.54 | 6.54 |
| 20 | 7.02 | 4.02 | 7.02 | 4.02 | 7.02 |
| 21 | 7.10 | 4.10 | 7.10 | 4.10 | 7.10 |
| 22 | 7.18 | 4.18 | 7.18 | 4.18 | 7.18 |
| 23 | 7.26 | 4.26 | 7.26 | 4.26 | 7.26 |
| 24 | 7.34 | 4.34 | 7.34 | 4.34 | 7.34 |
| 25 | 7.42 | 4.42 | 7.42 | 4.42 | 7.42 |
| 26 | 7.50 | 4.50 | 7.50 | 4.50 | 7.50 |
| 27 | 7.58 | 4.58 | 7.58 | 4.58 | 7.58 |
| 28 | 8.06 | 4.66 | 8.06 | 4.66 | 8.06 |
| 29 | 8.14 | 4.74 | 8.14 | 4.74 | 8.14 |
| 30 | 8.22 | 4.82 | 8.22 | 4.82 | 8.22 |
| 31 | 8.30 | 4.90 | 8.30 | 4.90 | 8.30 |

The hours between midnight and noon are designated by (A. M.), those between noon and midnight by (P. M.). 0.00, 0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 1.00, 1.05, 1.10, 1.15, 1.20, 1.25, 1.30, 1.35, 1.40, 1.45, 1.50, 1.55, 2.00, 2.05, 2.10, 2.15, 2.20, 2.25, 2.30, 2.35, 2.40, 2.45, 2.50, 2.55, 3.00, 3.05, 3.10, 3.15, 3.20, 3.25, 3.30, 3.35, 3.40, 3.45, 3.50, 3.55, 4.00, 4.05, 4.10, 4.15, 4.20, 4.25, 4.30, 4.35, 4.40, 4.45, 4.50, 4.55, 5.00, 5.05, 5.10, 5.15, 5.20, 5.25, 5.30, 5.35, 5.40, 5.45, 5.50, 5.55, 6.00, 6.05, 6.10, 6.15, 6.20, 6.25, 6.30, 6.35, 6.40, 6.45, 6.50, 6.55, 7.00, 7.05, 7.10, 7.15, 7.20, 7.25, 7.30, 7.35, 7.40, 7.45, 7.50, 7.55, 8.00, 8.05, 8.10, 8.15, 8.20, 8.25, 8.30, 8.35, 8.40, 8.45, 8.50, 8.55, 9.00, 9.05, 9.10, 9.15, 9.20, 9.25, 9.30, 9.35, 9.40, 9.45, 9.50, 9.55, 10.00, 10.05, 10.10, 10.15, 10.20, 10.25, 10.30, 10.35, 10.40, 10.45, 10.50, 10.55, 11.00, 11.05, 11.10, 11.15, 11.20, 11.25, 11.30, 11.35, 11.40, 11.45, 11.50, 11.55, 12.00, 12.05, 12.10, 12.15, 12.20, 12.25, 12.30, 12.35, 12.40, 12.45, 12.50, 12.55, 1.00, 1.05, 1.10, 1.15, 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2.40, 2.45, 2.50, 2.55, 3.00, 3.05, 3.10, 3.15, 3.20, 3.25, 3.30, 3.35, 3.40, 3.45, 3.50, 3.55, 4.00, 4.05, 4.10, 4.15, 4.20, 4.25, 4.30, 4.35, 4.40, 4.45, 4.50, 4.55, 5.00, 5.05, 5.10, 5.15, 5.20, 5.25, 5.30, 5.35, 5.40, 5.45, 5.50, 5.55, 6.00, 6.05, 6.10, 6.15, 6.20, 6.25, 6.30, 6.35, 6.40, 6.45, 6.50, 6.55, 7.00, 7.05, 7.10, 7.15, 7.20, 7.25, 7.30, 7.35, 7.40, 7.45, 7.50, 7.55, 8.00, 8.05, 8.10, 8.15, 8.20, 8.25, 8.30, 8.35, 8.40, 8.45, 8.50, 8.55, 9.00, 9.05, 9.10, 9.15, 9.20, 9.25, 9.30, 9.35, 9.40, 9.45, 9.50, 9.55, 10.00, 10.05, 10.10, 10.15, 10.20, 10.25, 10.30, 10.35, 10.40, 10.45, 10.50, 10.55, 11.00, 11.05, 11.10, 11.15, 11.20, 11.25, 11.30, 11.35, 11.40, 11.45, 11.50, 11.55, 12.00, 12.05, 12.10, 12.15, 12.20, 12.25, 12.30, 12.35, 12.40, 12.45, 12.50, 12.55, 1.00, 1.05, 1.10, 1.15, 1.20, 1.25, 1.30, 1.35, 1.40, 1.45, 1.50, 1.55, 2.00, 2.05, 2.10, 2.15, 2.20, 2.25, 2.30, 2.35, 2.40, 2.45, 2.50, 2.55, 3.00, 3.05, 3.10, 3.15, 3.20, 3.25, 3.30, 3.35, 3.40, 3.45, 3.50, 3.55, 4.00, 4.05, 4.10, 4.15, 4.20, 4.25, 4.30, 4.35, 4.40, 4.45, 4.50, 4.55, 5.00, 5.05, 5.10, 5.15, 5.20, 5.25, 5.30, 5.35, 5.40, 5.45, 5.50, 5.55, 6.00, 6.05, 6.10, 6.15, 6.20, 6.25, 6.30, 6.35, 6.40, 6.45, 6.50, 6.55, 7.00, 7.05, 7.10, 7.15, 7.20, 7.25, 7.30, 7.35, 7.40, 7.45, 7.50, 7.55, 8.00, 8.05, 8.10, 8.15, 8.20, 8.25, 8.30, 8.35, 8.40, 8.45, 8.50, 8.55, 9.00, 9.05, 9.10, 9.15, 9.20, 9.25, 9.30, 9.35, 9.40, 9.45, 9.50, 9.55, 10.00, 10.05, 10.10, 10.15, 10.20, 10.25, 10.30, 10.35, 10.40, 10.45, 10.50, 10.55, 11.00, 11.05, 11.10, 11.15, 11.20, 11.25, 11.30, 11.35, 11.40, 11.45, 11.50, 11.55, 12.00, 12.05, 12.10, 12.15, 12.20, 12.25, 12.30, 12.35, 12.40, 12.45, 12.50, 12.55, 1.00, 1.05, 1.10, 1.15, 1.20, 1.25, 1.30, 1.35, 1.40, 1.45, 1.50, 1.55, 2.00, 2.05, 2.10, 2.15, 2.20, 2.25, 2.30, 2.35, 2.40, 2.45, 2.50, 2.55, 3.00, 3.05, 3.10, 3.15, 3.20, 3.25, 3.30, 3.35, 3.40, 3.45, 3.50, 3.55, 4.00, 4.05, 4.10, 4.15, 4.20, 4.25, 4.30, 4.35, 4.40, 4.45, 4.50, 4.55, 5.00, 5.05, 5.10, 5.15, 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