

**The Daily Astorian.**  
 ASTORIA, OREGON:  
 FRIDAY, DECEMBER 3, 1886  
**SHIPPING INTELLIGENCE**  
**PORT OF ASTORIA.**  
**READY FOR SEA.**  
 Belle of Arron Queenstown Nov 26  
 Amara ex Cork Nov 28  
 Duxford Brk Cork Nov 28  
 Kevira, Brk Queenstown Dec 4  
 E. L. Pettengill, Brk Queenstown Dec 4

**ARRIVALS FROM SEA.**  
 McNear 325 Am ex Nov 26 Dec 4  
 Abbey Tow, Brk 22 Tahama Dec 4  
 Queen of the Pacific, Brk S F Dec 4

**TIDE TABLE FOR ASTORIA.**  
 DECEMBER.

HIGH WATER.		LOW WATER.	
Time	Height	Time	Height
11:17	8.7	1:15	0.2
11:32	7.8	1:30	0.7
11:47	6.9	1:45	1.2
12:02	6.0	2:00	1.7
12:17	5.1	2:15	2.2
12:32	4.2	2:30	2.7
12:47	3.3	2:45	3.2
1:02	2.4	3:00	3.7
1:17	1.5	3:15	4.2
1:32	0.6	3:30	4.7
1:47	-0.3	3:45	5.2
2:02	-1.2	4:00	5.7
2:17	-2.1	4:15	6.2
2:32	-3.0	4:30	6.7
2:47	-3.9	4:45	7.2
3:02	-4.8	5:00	7.7
3:17	-5.7	5:15	8.2
3:32	-6.6	5:30	8.7
3:47	-7.5	5:45	9.2
4:02	-8.4	6:00	9.7
4:17	-9.3	6:15	10.2
4:32	-10.2	6:30	10.7
4:47	-11.1	6:45	11.2
5:02	-12.0	7:00	11.7
5:17	-12.9	7:15	12.2
5:32	-13.8	7:30	12.7
5:47	-14.7	7:45	13.2
6:02	-15.6	8:00	13.7
6:17	-16.5	8:15	14.2
6:32	-17.4	8:30	14.7
6:47	-18.3	8:45	15.2
7:02	-19.2	9:00	15.7
7:17	-20.1	9:15	16.2
7:32	-21.0	9:30	16.7
7:47	-21.9	9:45	17.2
8:02	-22.8	10:00	17.7
8:17	-23.7	10:15	18.2
8:32	-24.6	10:30	18.7
8:47	-25.5	10:45	19.2
9:02	-26.4	11:00	19.7
9:17	-27.3	11:15	20.2
9:32	-28.2	11:30	20.7
9:47	-29.1	11:45	21.2
10:02	-30.0	12:00	21.7
10:17	-30.9	12:15	22.2
10:32	-31.8	12:30	22.7
10:47	-32.7	12:45	23.2
11:02	-33.6	1:00	23.7
11:17	-34.5	1:15	24.2
11:32	-35.4	1:30	24.7
11:47	-36.3	1:45	25.2
12:02	-37.2	2:00	25.7
12:17	-38.1	2:15	26.2
12:32	-39.0	2:30	26.7
12:47	-39.9	2:45	27.2
1:02	-40.8	3:00	27.7
1:17	-41.7	3:15	28.2
1:32	-42.6	3:30	28.7
1:47	-43.5	3:45	29.2
2:02	-44.4	4:00	29.7
2:17	-45.3	4:15	30.2
2:32	-46.2	4:30	30.7
2:47	-47.1	4:45	31.2
3:02	-48.0	5:00	31.7
3:17	-48.9	5:15	32.2
3:32	-49.8	5:30	32.7
3:47	-50.7	5:45	33.2
4:02	-51.6	6:00	33.7
4:17	-52.5	6:15	34.2
4:32	-53.4	6:30	34.7
4:47	-54.3	6:45	35.2
5:02	-55.2	7:00	35.7
5:17	-56.1	7:15	36.2
5:32	-57.0	7:30	36.7
5:47	-57.9	7:45	37.2
6:02	-58.8	8:00	37.7
6:17	-59.7	8:15	38.2
6:32	-60.6	8:30	38.7
6:47	-61.5	8:45	39.2
7:02	-62.4	9:00	39.7
7:17	-63.3	9:15	40.2
7:32	-64.2	9:30	40.7
7:47	-65.1	9:45	41.2
8:02	-66.0	10:00	41.7
8:17	-66.9	10:15	42.2
8:32	-67.8	10:30	42.7
8:47	-68.7	10:45	43.2
9:02	-69.6	11:00	43.7
9:17	-70.5	11:15	44.2
9:32	-71.4	11:30	44.7
9:47	-72.3	11:45	45.2
10:02	-73.2	12:00	45.7
10:17	-74.1	12:15	46.2
10:32	-75.0	12:30	46.7
10:47	-75.9	12:45	47.2
11:02	-76.8	1:00	47.7
11:17	-77.7	1:15	48.2
11:32	-78.6	1:30	48.7
11:47	-79.5	1:45	49.2
12:02	-80.4	2:00	49.7
12:17	-81.3	2:15	50.2
12:32	-82.2	2:30	50.7
12:47	-83.1	2:45	51.2
1:02	-84.0	3:00	51.7
1:17	-84.9	3:15	52.2
1:32	-85.8	3:30	52.7
1:47	-86.7	3:45	53.2
2:02	-87.6	4:00	53.7
2:17	-88.5	4:15	54.2
2:32	-89.4	4:30	54.7
2:47	-90.3	4:45	55.2
3:02	-91.2	5:00	55.7
3:17	-92.1	5:15	56.2
3:32	-93.0	5:30	56.7
3:47	-93.9	5:45	57.2
4:02	-94.8	6:00	57.7
4:17	-95.7	6:15	58.2
4:32	-96.6	6:30	58.7
4:47	-97.5	6:45	59.2
5:02	-98.4	7:00	59.7
5:17	-99.3	7:15	60.2
5:32	-100.2	7:30	60.7
5:47	-101.1	7:45	61.2
6:02	-102.0	8:00	61.7
6:17	-102.9	8:15	62.2
6:32	-103.8	8:30	62.7
6:47	-104.7	8:45	63.2
7:02	-105.6	9:00	63.7
7:17	-106.5	9:15	64.2
7:32	-107.4	9:30	64.7
7:47	-108.3	9:45	65.2
8:02	-109.2	10:00	65.7
8:17	-110.1	10:15	66.2
8:32	-111.0	10:30	66.7
8:47	-111.9	10:45	67.2
9:02	-112.8	11:00	67.7
9:17	-113.7	11:15	68.2
9:32	-114.6	11:30	68.7
9:47	-115.5	11:45	69.2
10:02	-116.4	12:00	69.7
10:17	-117.3	12:15	70.2
10:32	-118.2	12:30	70.7
10:47	-119.1	12:45	71.2
11:02	-120.0	1:00	71.7
11:17	-120.9	1:15	72.2
11:32	-121.8	1:30	72.7
11:47	-122.7	1:45	73.2
12:02	-123.6	2:00	73.7
12:17	-124.5	2:15	74.2
12:32	-125.4	2:30	74.7
12:47	-126.3	2:45	75.2
1:02	-127.2	3:00	75.7
1:17	-128.1	3:15	76.2
1:32	-129.0	3:30	76.7
1:47	-129.9	3:45	77.2
2:02	-130.8	4:00	77.7
2:17	-131.7	4:15	78.2
2:32	-132.6	4:30	78.7
2:47	-133.5	4:45	79.2
3:02	-134.4	5:00	79.7
3:17	-135.3	5:15	80.2
3:32	-136.2	5:30	80.7
3:47	-137.1	5:45	81.2
4:02	-138.0	6:00	81.7
4:17	-138.9	6:15	82.2
4:32	-139.8	6:30	82.7
4:47	-140.7	6:45	83.2
5:02	-141.6	7:00	83.7
5:17	-142.5	7:15	84.2
5:32	-143.4	7:30	84.7
5:47	-144.3	7:45	85.2
6:02	-145.2	8:00	85.7
6:17	-146.1	8:15	86.2
6:32	-147.0	8:30	86.7
6:47	-147.9	8:45	87.2
7:02	-148.8	9:00	87.7
7:17	-149.7	9:15	88.2
7:32	-150.6	9:30	88.7
7:47	-151.5	9:45	89.2
8:02	-152.4	10:00	89.7
8:17	-153.3	10:15	90.2
8:32	-154.2	10:30	90.7
8:47	-155.1	10:45	91.2
9:02	-156.0	11:00	91.7
9:17	-156.9	11:15	92.2
9:32	-157.8	11:30	92.7
9:47	-158.7	11:45	93.2
10:02	-159.6	12:00	93.7
10:17	-160.5	12:15	94.2
10:32	-161.4	12:30	94.7
10:47	-162.3	12:45	95.2
11:02	-163.2	1:00	95.7
11:17	-164.1	1:15	96.2
11:32	-165.0	1:30	96.7
11:47	-165.9	1:45	97.2
12:02	-166.8	2:00	97.7
12:17	-167.7	2:15	98.2
12:32	-168.6	2:30	98.7
12:47	-169.5	2:45	99.2
1:02	-170.4	3:00	99.7
1:17	-171.3	3:15	100.2
1:32	-172.2	3:30	100.7
1:47	-173.1	3:45	101.2
2:02	-174.0	4:00	101.7
2:17	-174.9	4:15	102.2
2:32	-175.8	4:30	102.7
2:47	-176.7	4:45	103.2
3:02	-177.6	5:00	103.7
3:17	-178.5	5:15	104.2
3:32	-179.4	5:30	104.7
3:47	-180.3	5:45	105.2
4:02	-181.2	6:00	105.7
4:17	-182.1	6:15	106.2
4:32	-183.0	6:30	106.7
4:47	-183.9	6:45	107.2
5:02	-184.8	7:00	107.7
5:17	-185.7	7:15	108.2
5:32	-186.6	7:30	108.7
5:47	-187.5	7:45	109.2
6:02	-188.4	8:00	109.7
6:17	-189.3	8:15	110.2
6:32	-190.2	8:30	110.7
6:47	-191.1	8:45	111.2
7:02	-192.0	9:00	111.7
7:17	-192.9	9:15	112.2
7:32	-193.8	9:30	112.7
7:47	-194.7	9:45	113.2
8:02	-195.6	10:00	113.7
8:17	-196.5	10:15	114.2
8:32	-197.4	10:30	114.7
8:47	-198.3	10:45	115.2
9:02	-199.2	11:00	115.7
9:17	-200.1	11:15	116.2
9:32	-201.0	11:30	116.7
9:47	-201.9	11:45	117.2
10:02	-202.8	12:00	117.7
10:17	-203.7	12:15	118.2
10:32	-204.6	12:30	118.7
10:47	-205.5	12:45	119.2
11:02	-206.4	1:00	119.7
11:17	-207.3	1:15	120.2
11:32	-208.2	1:30	120.7
11:47	-209.1	1:45	121.2
12:02	-210.0	2:00	121.7
12:17	-210.9	2:15	122.2
12:32	-211.8	2:30	122.7
12:47	-212.7	2:45	123.2
1:02	-213.6	3:00	123.7
1:17	-214.5	3:15	124.2