

SHIPPING INTELLIGENCE

PORT OF ASTORIA.

ARRIVALS FROM SEA.

Harbor Castle, Br. sp. 1887 London Dec 19

VESSELS IN THE RIVER.

Nancy Pendleton, Am sp. Wm. H. Starbuck 20  
 The Steamer Co. Br. sp. 1887 E. J. B. 20  
 Peabody, Br. sp. 1887 C. M. Buchanan, Br. sp.  
 Capt. Br. sp. 1887 C. M. Buchanan, Br. sp.  
 G. M. Br. sp. 1887 C. M. Buchanan, Br. sp.  
 W. F. Case, Br. sp. 1887 C. M. Buchanan, Br. sp.  
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 W. F. Case, Br. sp. 1887 C. M. Buchanan, Br. sp.

TIDE TABLE FOR ASTORIA.

DECEMBER.			
HIGH WATER.		LOW WATER.	
Time.	Height.	Time.	Height.
7:30 a.m.	4.5	1:15 p.m.	1.5
8:15 a.m.	5.5	2:00 p.m.	2.5
9:00 a.m.	6.5	2:45 p.m.	3.5
9:45 a.m.	7.5	3:30 p.m.	4.5
10:30 a.m.	8.5	4:15 p.m.	5.5
11:15 a.m.	9.5	5:00 p.m.	6.5
12:00 p.m.	10.5	5:45 p.m.	7.5
12:45 p.m.	11.5	6:30 p.m.	8.5
1:30 p.m.	12.5	7:15 p.m.	9.5
2:15 p.m.	13.5	8:00 p.m.	10.5
3:00 p.m.	14.5	8:45 p.m.	11.5
3:45 p.m.	15.5	9:30 p.m.	12.5
4:30 p.m.	16.5	10:15 p.m.	13.5
5:15 p.m.	17.5	11:00 p.m.	14.5
6:00 p.m.	18.5	11:45 p.m.	15.5
6:45 p.m.	19.5	12:30 a.m.	16.5
7:30 p.m.	20.5	1:15 a.m.	17.5
8:15 p.m.	21.5	2:00 a.m.	18.5
9:00 p.m.	22.5	2:45 a.m.	19.5
9:45 p.m.	23.5	3:30 a.m.	20.5
10:30 p.m.	24.5	4:15 a.m.	21.5
11:15 p.m.	25.5	5:00 a.m.	22.5
12:00 a.m.	26.5	5:45 a.m.	23.5
12:45 a.m.	27.5	6:30 a.m.	24.5
1:30 a.m.	28.5	7:15 a.m.	25.5
2:15 a.m.	29.5	8:00 a.m.	26.5
3:00 a.m.	30.5	8:45 a.m.	27.5
3:45 a.m.	31.5	9:30 a.m.	28.5
4:30 a.m.	32.5	10:15 a.m.	29.5
5:15 a.m.	33.5	11:00 a.m.	30.5
6:00 a.m.	34.5	11:45 a.m.	31.5
6:45 a.m.	35.5	12:30 p.m.	32.5
7:30 a.m.	36.5	1:15 p.m.	33.5
8:15 a.m.	37.5	2:00 p.m.	34.5
9:00 a.m.	38.5	2:45 p.m.	35.5
9:45 a.m.	39.5	3:30 p.m.	36.5
10:30 a.m.	40.5	4:15 p.m.	37.5
11:15 a.m.	41.5	5:00 p.m.	38.5
12:00 p.m.	42.5	5:45 p.m.	39.5
12:45 p.m.	43.5	6:30 p.m.	40.5
1:30 p.m.	44.5	7:15 p.m.	41.5
2:15 p.m.	45.5	8:00 p.m.	42.5
3:00 p.m.	46.5	8:45 p.m.	43.5
3:45 p.m.	47.5	9:30 p.m.	44.5
4:30 p.m.	48.5	10:15 p.m.	45.5
5:15 p.m.	49.5	11:00 p.m.	46.5
6:00 p.m.	50.5	11:45 p.m.	47.5
6:45 p.m.	51.5	12:30 a.m.	48.5
7:30 p.m.	52.5	1:15 a.m.	49.5
8:15 p.m.	53.5	2:00 a.m.	50.5
9:00 p.m.	54.5	2:45 a.m.	51.5
9:45 p.m.	55.5	3:30 a.m.	52.5
10:30 p.m.	56.5	4:15 a.m.	53.5
11:15 p.m.	57.5	5:00 a.m.	54.5
12:00 a.m.	58.5	5:45 a.m.	55.5
12:45 a.m.	59.5	6:30 a.m.	56.5
1:30 a.m.	60.5	7:15 a.m.	57.5
2:15 a.m.	61.5	8:00 a.m.	58.5
3:00 a.m.	62.5	8:45 a.m.	59.5
3:45 a.m.	63.5	9:30 a.m.	60.5
4:30 a.m.	64.5	10:15 a.m.	61.5
5:15 a.m.	65.5	11:00 a.m.	62.5
6:00 a.m.	66.5	11:45 a.m.	63.5
6:45 a.m.	67.5	12:30 p.m.	64.5
7:30 a.m.	68.5	1:15 p.m.	65.5
8:15 a.m.	69.5	2:00 p.m.	66.5
9:00 a.m.	70.5	2:45 p.m.	67.5
9:45 a.m.	71.5	3:30 p.m.	68.5
10:30 a.m.	72.5	4:15 p.m.	69.5
11:15 a.m.	73.5	5:00 p.m.	70.5
12:00 p.m.	74.5	5:45 p.m.	71.5
12:45 p.m.	75.5	6:30 p.m.	72.5
1:30 p.m.	76.5	7:15 p.m.	73.5
2:15 p.m.	77.5	8:00 p.m.	74.5
3:00 p.m.	78.5	8:45 p.m.	75.5
3:45 p.m.	79.5	9:30 p.m.	76.5
4:30 p.m.	80.5	10:15 p.m.	77.5
5:15 p.m.	81.5	11:00 p.m.	78.5
6:00 p.m.	82.5	11:45 p.m.	79.5
6:45 p.m.	83.5	12:30 a.m.	80.5
7:30 p.m.	84.5	1:15 a.m.	81.5
8:15 p.m.	85.5	2:00 a.m.	82.5
9:00 p.m.	86.5	2:45 a.m.	83.5
9:45 p.m.	87.5	3:30 a.m.	84.5
10:30 p.m.	88.5	4:15 a.m.	85.5
11:15 p.m.	89.5	5:00 a.m.	86.5
12:00 a.m.	90.5	5:45 a.m.	87.5
12:45 a.m.	91.5	6:30 a.m.	88.5
1:30 a.m.	92.5	7:15 a.m.	89.5
2:15 a.m.	93.5	8:00 a.m.	90.5
3:00 a.m.	94.5	8:45 a.m.	91.5
3:45 a.m.	95.5	9:30 a.m.	92.5
4:30 a.m.	96.5	10:15 a.m.	93.5
5:15 a.m.	97.5	11:00 a.m.	94.5
6:00 a.m.	98.5	11:45 a.m.	95.5
6:45 a.m.	99.5	12:30 p.m.	96.5
7:30 a.m.	100.5	1:15 p.m.	97.5
8:15 a.m.	101.5	2:00 p.m.	98.5
9:00 a.m.	102.5	2:45 p.m.	99.5
9:45 a.m.	103.5	3:30 p.m.	100.5
10:30 a.m.	104.5	4:15 p.m.	101.5
11:15 a.m.	105.5	5:00 p.m.	102.5
12:00 p.m.	106.5	5:45 p.m.	103.5
12:45 p.m.	107.5	6:30 p.m.	104.5
1:30 p.m.	108.5	7:15 p.m.	105.5
2:15 p.m.	109.5	8:00 p.m.	106.5
3:00 p.m.	110.5	8:45 p.m.	107.5
3:45 p.m.	111.5	9:30 p.m.	108.5
4:30 p.m.	112.5	10:15 p.m.	109.5
5:15 p.m.	113.5	11:00 p.m.	110.5
6:00 p.m.	114.5	11:45 p.m.	111.5
6:45 p.m.	115.5	12:30 a.m.	112.5
7:30 p.m.	116.5	1:15 a.m.	113.5
8:15 p.m.	117.5	2:00 a.m.	114.5
9:00 p.m.	118.5	2:45 a.m.	115.5
9:45 p.m.	119.5	3:30 a.m.	116.5
10:30 p.m.	120.5	4:15 a.m.	117.5
11:15 p.m.	121.5	5:00 a.m.	118.5
12:00 a.m.	122.5	5:45 a.m.	119.5
12:45 a.m.	123.5	6:30 a.m.	120.5
1:30 a.m.	124.5	7:15 a.m.	121.5
2:15 a.m.	125.5	8:00 a.m.	122.5
3:00 a.m.	126.5	8:45 a.m.	123.5
3:45 a.m.	127.5	9:30 a.m.	124.5
4:30 a.m.	128.5	10:15 a.m.	125.5
5:15 a.m.	129.5	11:00 a.m.	126.5
6:00 a.m.	130.5	11:45 a.m.	127.5
6:45 a.m.	131.5	12:30 p.m.	128.5
7:30 a.m.	132.5	1:15 p.m.	129.5
8:15 a.m.	133.5	2:00 p.m.	130.5
9:00 a.m.	134.5	2:45 p.m.	131.5
9:45 a.m.	135.5	3:30 p.m.	132.5
10:30 a.m.	136.5	4:15 p.m.	133.5
11:15 a.m.	137.5	5:00 p.m.	134.5
12:00 p.m.	138.5	5:45 p.m.	135.5
12:45 p.m.	139.5	6:30 p.m.	136.5
1:30 p.m.	140.5	7:15 p.m.	137.5
2:15 p.m.	141.5	8:00 p.m.	138.5
3:00 p.m.	142.5	8:45 p.m.	139.5
3:45 p.m.	143.5	9:30 p.m.	140.5
4:30 p.m.	144.5	10:15 p.m.	141.5
5:15 p.m.	145.5	11:00 p.m.	142.5
6:00 p.m.	146.5	11:45 p.m.	143.5
6:45 p.m.	147.5	12:30 a.m.	144.5
7:30 p.m.	148.5	1:15 a.m.	145.5
8:15 p.m.	149.5	2:00 a.m.	146.5
9:00 p.m.	150.5	2:45 a.m.	147.5
9:45 p.m.	151.5	3:30 a.m.	148.5
10:30 p.m.	152.5	4:15 a.m.	149.5
11:15 p.m.	153.5	5:00 a.m.	150.5
12:00 a.m.	154.5	5:45 a.m.	151.5
12:45 a.m.	155.5	6:30 a.m.	152.5
1:30 a.m.	156.5	7:15 a.m.	153.5
2:15 a.m.	157.5	8:00 a.m.	154.5
3:00 a.m.	158.5	8:45 a.m.	155.5
3:45 a.m.	159.5	9:30 a.m.	156.5
4:30 a.m.	160.5	10:15 a.m.	157.5
5:15 a.m.	161.5	11:00 a.m.	158.5
6:00 a.m.	162.5	11:45 a.m.	159.5
6:45 a.m.	163.5	12:30 p.m.	160.5
7:30 a.m.	164.5	1:15 p.m.	161.5
8:15 a.m.	165.5	2:00 p.m.	162.5
9:00 a.m.	166.5	2:45 p.m.	163.5
9:45 a.m.	167.5	3:30 p.m.	164.5
10:30 a.m.	168.5	4:15 p.m.	165.5
11:15 a.m.	169.5	5:00 p.m.	166.5
12:00 p.m.	170.5	5:45 p.m.	167.5
12:45 p.m.	171.5	6:30 p.m.	168.5
1:30 p.m.	172.5	7:15 p.m.	169.5
2:15 p.m.	173.5	8:00 p.m.	170.5
3:00 p.m.	174.5	8:45 p.m.	171.5
3:45 p.m.	175.5	9:30 p.m.	172.5
4:30 p.m.	176.5	10:15 p.m.	173.5
5:15 p.m.	177.5	11:00 p.m.	174.5
6:00 p.m.	178.5	11:45 p.m.	175.5
6:45 p.m.	179.5	12:30 a.m.	176.5
7:30 p.m.	180.5	1:15 a.m.	177.5
8:15 p.m.	181.5	2:00 a.m.	178.5
9:00 p.m.	182.5	2:45 a.m.	179.5
9:45 p.m.	183.5	3:30 a.m.	180.5
10:30 p.m.	184.5	4:15 a.m.	181.5
11:15 p.m.	185.5	5:00 a.m.	182.5
12:00 a.m.	186.5	5:45 a.m.	183.5
12:45 a.m.	187.5	6:30 a.m.	184.5
1:30 a.m.	188.5	7:15 a.m.	185.5
2:15 a.m.	189.5	8:00 a.m.	186.5
3:00 a.m.	190.5	8:45 a.m.	187.5
3:45 a.m.	191.5	9:30 a.m.	188.5
4:30 a.m.	192.5	10:15 a.m.	189.5
5:15 a.m.	193.5	11:00 a.m.	190.5
6:00 a.m.	194.5	11:45 a.m.	191.5
6:45 a.m.	195.5	12:30 p.m.	192.5
7:30 a.m.	196.5	1:15 p.m.	193.5
8:15 a.m.	197.5	2:00 p.m.	194.5
9:00 a.m.	198.5	2:45 p.m.	195.5
9:45 a.m.	199.5	3:30 p.m.	196.5
10:30 a.m.	200.5	4:15 p.m.	197.5
11:15 a.m.	201.5	5:00 p.m.	198.5
12:00 p.m.	202.5	5:45 p.m.	199.5
12:45 p.m.	203.5	6:30 p.m.	200.5
1:30 p.m.	204.5	7:15 p.m.	201.5
2:15 p.m.	205.5	8:00 p.m.	202.5
3:00 p.m.	206.5	8:45 p.m.	203.5
3:45 p.m.	207.5	9:30 p.m.	204.5
4:30 p.m.	208.5	10:15 p.m.	205.5
5:15 p.m.	209.5	11:00 p.m.	206.5
6:00 p.m.	210.5	11:45 p.m.	207.5
6:45 p.m.	211.5	12:30 a.m.	208.5
7:30 p.m.	212.5	1:15 a.m.	209.5
8:15 p.m.	213.5	2:00 a.m.	210.5
9:00 p.m.	214.5	2:45 a.m.	211.5
9:45 p.m.	215.5	3:30 a.m.	212.5
10:30 p.m.	216.5	4:15 a.m.	213.5
11:15 p.m.	217.5	5:00 a.m.	214.5
12:00 a.m.	218.5	5:45 a.m.	215.5
12:45 a.m.	219.5	6:30 a.m.	216.5
1:30 a.m.	220.5	7:15 a.m.	217.5
2:15 a.m.	221.5	8:00 a.m.	218.5
3:00 a.m.	222.5	8:45 a.m.	219.5
3:45 a.m.	223.5	9:30 a.m.	220.5
4:30 a.m.	224.5		