

The Daily Astorian.
ASTORIA, OREGON:
THURSDAY, DECEMBER 22, 1887

TIDE TABLE FOR ASTORIA.

HIGH WATER.		LOW WATER.	
Time.	Height.	Time.	Height.
10:45	4.5	7:20	1.5
11:45	4.8	8:20	1.8
12:45	5.1	9:20	2.1
1:45	5.4	10:20	2.4
2:45	5.7	11:20	2.7
3:45	6.0	12:20	3.0
4:45	6.3	1:20	3.3
5:45	6.6	2:20	3.6
6:45	6.9	3:20	3.9
7:45	7.2	4:20	4.2
8:45	7.5	5:20	4.5
9:45	7.8	6:20	4.8
10:45	8.1	7:20	5.1
11:45	8.4	8:20	5.4
12:45	8.7	9:20	5.7
1:45	9.0	10:20	6.0
2:45	9.3	11:20	6.3
3:45	9.6	12:20	6.6
4:45	9.9	1:20	6.9
5:45	10.2	2:20	7.2
6:45	10.5	3:20	7.5
7:45	10.8	4:20	7.8
8:45	11.1	5:20	8.1
9:45	11.4	6:20	8.4
10:45	11.7	7:20	8.7
11:45	12.0	8:20	9.0
12:45	12.3	9:20	9.3
1:45	12.6	10:20	9.6
2:45	12.9	11:20	9.9
3:45	13.2	12:20	10.2
4:45	13.5	1:20	10.5
5:45	13.8	2:20	10.8
6:45	14.1	3:20	11.1
7:45	14.4	4:20	11.4
8:45	14.7	5:20	11.7
9:45	15.0	6:20	12.0
10:45	15.3	7:20	12.3
11:45	15.6	8:20	12.6
12:45	15.9	9:20	12.9
1:45	16.2	10:20	13.2
2:45	16.5	11:20	13.5
3:45	16.8	12:20	13.8
4:45	17.1	1:20	14.1
5:45	17.4	2:20	14.4
6:45	17.7	3:20	14.7
7:45	18.0	4:20	15.0
8:45	18.3	5:20	15.3
9:45	18.6	6:20	15.6
10:45	18.9	7:20	15.9
11:45	19.2	8:20	16.2
12:45	19.5	9:20	16.5
1:45	19.8	10:20	16.8
2:45	20.1	11:20	17.1
3:45	20.4	12:20	17.4
4:45	20.7	1:20	17.7
5:45	21.0	2:20	18.0
6:45	21.3	3:20	18.3
7:45	21.6	4:20	18.6
8:45	21.9	5:20	18.9
9:45	22.2	6:20	19.2
10:45	22.5	7:20	19.5
11:45	22.8	8:20	19.8
12:45	23.1	9:20	20.1
1:45	23.4	10:20	20.4
2:45	23.7	11:20	20.7
3:45	24.0	12:20	21.0
4:45	24.3	1:20	21.3
5:45	24.6	2:20	21.6
6:45	24.9	3:20	21.9
7:45	25.2	4:20	22.2
8:45	25.5	5:20	22.5
9:45	25.8	6:20	22.8
10:45	26.1	7:20	23.1
11:45	26.4	8:20	23.4
12:45	26.7	9:20	23.7
1:45	27.0	10:20	24.0
2:45	27.3	11:20	24.3
3:45	27.6	12:20	24.6
4:45	27.9	1:20	24.9
5:45	28.2	2:20	25.2
6:45	28.5	3:20	25.5
7:45	28.8	4:20	25.8
8:45	29.1	5:20	26.1
9:45	29.4	6:20	26.4
10:45	29.7	7:20	26.7
11:45	30.0	8:20	27.0
12:45	30.3	9:20	27.3
1:45	30.6	10:20	27.6
2:45	30.9	11:20	27.9
3:45	31.2	12:20	28.2
4:45	31.5	1:20	28.5
5:45	31.8	2:20	28.8
6:45	32.1	3:20	29.1
7:45	32.4	4:20	29.4
8:45	32.7	5:20	29.7
9:45	33.0	6:20	30.0
10:45	33.3	7:20	30.3
11:45	33.6	8:20	30.6
12:45	33.9	9:20	30.9
1:45	34.2	10:20	31.2
2:45	34.5	11:20	31.5
3:45	34.8	12:20	31.8
4:45	35.1	1:20	32.1
5:45	35.4	2:20	32.4
6:45	35.7	3:20	32.7
7:45	36.0	4:20	33.0
8:45	36.3	5:20	33.3
9:45	36.6	6:20	33.6
10:45	36.9	7:20	33.9
11:45	37.2	8:20	34.2
12:45	37.5	9:20	34.5
1:45	37.8	10:20	34.8
2:45	38.1	11:20	35.1
3:45	38.4	12:20	35.4
4:45	38.7	1:20	35.7
5:45	39.0	2:20	36.0
6:45	39.3	3:20	36.3
7:45	39.6	4:20	36.6
8:45	39.9	5:20	36.9
9:45	40.2	6:20	37.2
10:45	40.5	7:20	37.5
11:45	40.8	8:20	37.8
12:45	41.1	9:20	38.1
1:45	41.4	10:20	38.4
2:45	41.7	11:20	38.7
3:45	42.0	12:20	39.0
4:45	42.3	1:20	39.3
5:45	42.6	2:20	39.6
6:45	42.9	3:20	39.9
7:45	43.2	4:20	40.2
8:45	43.5	5:20	40.5
9:45	43.8	6:20	40.8
10:45	44.1	7:20	41.1
11:45	44.4	8:20	41.4
12:45	44.7	9:20	41.7
1:45	45.0	10:20	42.0
2:45	45.3	11:20	42.3
3:45	45.6	12:20	42.6
4:45	45.9	1:20	42.9
5:45	46.2	2:20	43.2
6:45	46.5	3:20	43.5
7:45	46.8	4:20	43.8
8:45	47.1	5:20	44.1
9:45	47.4	6:20	44.4
10:45	47.7	7:20	44.7
11:45	48.0	8:20	45.0
12:45	48.3	9:20	45.3
1:45	48.6	10:20	45.6
2:45	48.9	11:20	45.9
3:45	49.2	12:20	46.2
4:45	49.5	1:20	46.5
5:45	49.8	2:20	46.8
6:45	50.1	3:20	47.1
7:45	50.4	4:20	47.4
8:45	50.7	5:20	47.7
9:45	51.0	6:20	48.0
10:45	51.3	7:20	48.3
11:45	51.6	8:20	48.6
12:45	51.9	9:20	48.9
1:45	52.2	10:20	49.2
2:45	52.5	11:20	49.5
3:45	52.8	12:20	49.8
4:45	53.1	1:20	50.1
5:45	53.4	2:20	50.4
6:45	53.7	3:20	50.7
7:45	54.0	4:20	51.0
8:45	54.3	5:20	51.3
9:45	54.6	6:20	51.6
10:45	54.9	7:20	51.9
11:45	55.2	8:20	52.2
12:45	55.5	9:20	52.5
1:45	55.8	10:20	52.8
2:45	56.1	11:20	53.1
3:45	56.4	12:20	53.4
4:45	56.7	1:20	53.7
5:45	57.0	2:20	54.0
6:45	57.3	3:20	54.3
7:45	57.6	4:20	54.6
8:45	57.9	5:20	54.9
9:45	58.2	6:20	55.2
10:45	58.5	7:20	55.5
11:45	58.8	8:20	55.8
12:45	59.1	9:20	56.1
1:45	59.4	10:20	56.4
2:45	59.7	11:20	56.7
3:45	60.0	12:20	57.0
4:45	60.3	1:20	57.3
5:45	60.6	2:20	57.6
6:45	60.9	3:20	57.9
7:45	61.2	4:20	58.2
8:45	61.5	5:20	58.5
9:45	61.8	6:20	58.8
10:45	62.1	7:20	59.1
11:45	62.4	8:20	59.4
12:45	62.7	9:20	59.7
1:45	63.0	10:20	60.0
2:45	63.3	11:20	60.3
3:45	63.6	12:20	60.6
4:45	63.9	1:20	60.9
5:45	64.2	2:20	61.2
6:45	64.5	3:20	61.5
7:45	64.8	4:20	61.8
8:45	65.1	5:20	62.1
9:45	65.4	6:20	62.4
10:45	65.7	7:20	62.7
11:45	66.0	8:20	63.0
12:45	66.3	9:20	63.3
1:45	66.6	10:20	63.6
2:45	66.9	11:20	63.9
3:45	67.2	12:20	64.2
4:45	67.5	1:20	64.5
5:45	67.8	2:20	64.8
6:45	68.1	3:20	65.1
7:45	68.4	4:20	65.4
8:45	68.7	5:20	65.7
9:45	69.0	6:20	66.0
10:45	69.3	7:20	66.3
11:45	69.6	8:20	66.6
12:45	69.9	9:20	66.9
1:45	70.2	10:20	67.2
2:45	70.5	11:20	67.5
3:45	70.8	12:20	67.8
4:45	71.1	1:20	68.1
5:45	71.4	2:20	68.4
6:45	71.7	3:20	68.7
7:45	72.0	4:20	69.0
8:45	72.3	5:20	69.3
9:45	72.6	6:20	69.6
10:45	72.9	7:20	69.9
11:45	73.2	8:20	70.2
12:45	73.5	9:20	70.5
1:45	73.8	10:20	70.8
2:45	74.1	11:20	71.1
3:45	74.4	12:20	71.4
4:45	74.7	1:20	71.7
5:45	75.0	2:20	72.0
6:45	75.3	3:20	72.3
7:45	75.6	4:20	72.6
8:45	75.9	5:20	72.9
9:45	76.2	6:20	73.2
10:45	76.5	7:20	73.5
11:45	76.8	8:20	73.8
12:45	77.1	9:20	74.1
1:45	77.4	10:20	74.4
2:45	77.7	11:20	74.7
3:45	78.0	12:20	75.0
4:45	78.3	1:20	75.3
5:45	78.6	2:20	75.6
6:45	78.9	3:20	75.9
7:45	79.2	4:20	76.2
8:45	79.5	5:20	76.5
9:45	79.8	6:20	76.8
10:45	80.1	7:20	77.1
11:45	80.4	8:20	77.4
12:45	80.7	9:20	77.7
1:45	81.0	10:20	78.0
2:45	81.3	11:20	78.3
3:45	81.6		