

The Daily Astorian.
ASTORIA, OREGON:
SATURDAY, FEBRUARY 4, 1890
TIDE TABLE FOR ASTORIA.

FEBRUARY.		LOW WATER.		HIGH WATER.	
Time	Height	Time	Height	Time	Height
6.30	1.2	12.15	1.2	6.30	1.2
7.15	1.5	1.00	1.5	7.15	1.5
8.00	1.8	1.45	1.8	8.00	1.8
8.45	2.1	1.55	2.1	8.45	2.1
9.30	2.4	1.65	2.4	9.30	2.4
10.15	2.7	1.75	2.7	10.15	2.7
11.00	3.0	1.85	3.0	11.00	3.0
11.45	3.3	1.95	3.3	11.45	3.3
12.30	3.6	2.05	3.6	12.30	3.6
1.15	3.9	2.15	3.9	1.15	3.9
2.00	4.2	2.25	4.2	2.00	4.2
2.45	4.5	2.35	4.5	2.45	4.5
3.30	4.8	2.45	4.8	3.30	4.8
4.15	5.1	2.55	5.1	4.15	5.1
5.00	5.4	2.65	5.4	5.00	5.4
5.45	5.7	2.75	5.7	5.45	5.7
6.30	6.0	2.85	6.0	6.30	6.0
7.15	6.3	2.95	6.3	7.15	6.3
8.00	6.6	3.05	6.6	8.00	6.6
8.45	6.9	3.15	6.9	8.45	6.9
9.30	7.2	3.25	7.2	9.30	7.2
10.15	7.5	3.35	7.5	10.15	7.5
11.00	7.8	3.45	7.8	11.00	7.8
11.45	8.1	3.55	8.1	11.45	8.1
12.30	8.4	3.65	8.4	12.30	8.4
1.15	8.7	3.75	8.7	1.15	8.7
2.00	9.0	3.85	9.0	2.00	9.0
2.45	9.3	3.95	9.3	2.45	9.3
3.30	9.6	4.05	9.6	3.30	9.6
4.15	9.9	4.15	9.9	4.15	9.9
5.00	10.2	4.25	10.2	5.00	10.2
5.45	10.5	4.35	10.5	5.45	10.5
6.30	10.8	4.45	10.8	6.30	10.8
7.15	11.1	4.55	11.1	7.15	11.1
8.00	11.4	4.65	11.4	8.00	11.4
8.45	11.7	4.75	11.7	8.45	11.7
9.30	12.0	4.85	12.0	9.30	12.0
10.15	12.3	4.95	12.3	10.15	12.3
11.00	12.6	5.05	12.6	11.00	12.6
11.45	12.9	5.15	12.9	11.45	12.9
12.30	13.2	5.25	13.2	12.30	13.2
1.15	13.5	5.35	13.5	1.15	13.5
2.00	13.8	5.45	13.8	2.00	13.8
2.45	14.1	5.55	14.1	2.45	14.1
3.30	14.4	5.65	14.4	3.30	14.4
4.15	14.7	5.75	14.7	4.15	14.7
5.00	15.0	5.85	15.0	5.00	15.0
5.45	15.3	5.95	15.3	5.45	15.3
6.30	15.6	6.05	15.6	6.30	15.6
7.15	15.9	6.15	15.9	7.15	15.9
8.00	16.2	6.25	16.2	8.00	16.2
8.45	16.5	6.35	16.5	8.45	16.5
9.30	16.8	6.45	16.8	9.30	16.8
10.15	17.1	6.55	17.1	10.15	17.1
11.00	17.4	6.65	17.4	11.00	17.4
11.45	17.7	6.75	17.7	11.45	17.7
12.30	18.0	6.85	18.0	12.30	18.0
1.15	18.3	6.95	18.3	1.15	18.3
2.00	18.6	7.05	18.6	2.00	18.6
2.45	18.9	7.15	18.9	2.45	18.9
3.30	19.2	7.25	19.2	3.30	19.2
4.15	19.5	7.35	19.5	4.15	19.5
5.00	19.8	7.45	19.8	5.00	19.8
5.45	20.1	7.55	20.1	5.45	20.1
6.30	20.4	7.65	20.4	6.30	20.4
7.15	20.7	7.75	20.7	7.15	20.7
8.00	21.0	7.85	21.0	8.00	21.0
8.45	21.3	7.95	21.3	8.45	21.3
9.30	21.6	8.05	21.6	9.30	21.6
10.15	21.9	8.15	21.9	10.15	21.9
11.00	22.2	8.25	22.2	11.00	22.2
11.45	22.5	8.35	22.5	11.45	22.5
12.30	22.8	8.45	22.8	12.30	22.8
1.15	23.1	8.55	23.1	1.15	23.1
2.00	23.4	8.65	23.4	2.00	23.4
2.45	23.7	8.75	23.7	2.45	23.7
3.30	24.0	8.85	24.0	3.30	24.0
4.15	24.3	8.95	24.3	4.15	24.3
5.00	24.6	9.05	24.6	5.00	24.6
5.45	24.9	9.15	24.9	5.45	24.9
6.30	25.2	9.25	25.2	6.30	25.2
7.15	25.5	9.35	25.5	7.15	25.5
8.00	25.8	9.45	25.8	8.00	25.8
8.45	26.1	9.55	26.1	8.45	26.1
9.30	26.4	9.65	26.4	9.30	26.4
10.15	26.7	9.75	26.7	10.15	26.7
11.00	27.0	9.85	27.0	11.00	27.0
11.45	27.3	9.95	27.3	11.45	27.3
12.30	27.6	10.05	27.6	12.30	27.6
1.15	27.9	10.15	27.9	1.15	27.9
2.00	28.2	10.25	28.2	2.00	28.2
2.45	28.5	10.35	28.5	2.45	28.5
3.30	28.8	10.45	28.8	3.30	28.8
4.15	29.1	10.55	29.1	4.15	29.1
5.00	29.4	10.65	29.4	5.00	29.4
5.45	29.7	10.75	29.7	5.45	29.7
6.30	30.0	10.85	30.0	6.30	30.0
7.15	30.3	10.95	30.3	7.15	30.3
8.00	30.6	11.05	30.6	8.00	30.6
8.45	30.9	11.15	30.9	8.45	30.9
9.30	31.2	11.25	31.2	9.30	31.2
10.15	31.5	11.35	31.5	10.15	31.5
11.00	31.8	11.45	31.8	11.00	31.8
11.45	32.1	11.55	32.1	11.45	32.1
12.30	32.4	11.65	32.4	12.30	32.4
1.15	32.7	11.75	32.7	1.15	32.7
2.00	33.0	11.85	33.0	2.00	33.0
2.45	33.3	11.95	33.3	2.45	33.3
3.30	33.6	12.05	33.6	3.30	33.6
4.15	33.9	12.15	33.9	4.15	33.9
5.00	34.2	12.25	34.2	5.00	34.2
5.45	34.5	12.35	34.5	5.45	34.5
6.30	34.8	12.45	34.8	6.30	34.8
7.15	35.1	12.55	35.1	7.15	35.1
8.00	35.4	12.65	35.4	8.00	35.4
8.45	35.7	12.75	35.7	8.45	35.7
9.30	36.0	12.85	36.0	9.30	36.0
10.15	36.3	12.95	36.3	10.15	36.3
11.00	36.6	13.05	36.6	11.00	36.6
11.45	36.9	13.15	36.9	11.45	36.9
12.30	37.2	13.25	37.2	12.30	37.2
1.15	37.5	13.35	37.5	1.15	37.5
2.00	37.8	13.45	37.8	2.00	37.8
2.45	38.1	13.55	38.1	2.45	38.1
3.30	38.4	13.65	38.4	3.30	38.4
4.15	38.7	13.75	38.7	4.15	38.7
5.00	39.0	13.85	39.0	5.00	39.0
5.45	39.3	13.95	39.3	5.45	39.3
6.30	39.6	14.05	39.6	6.30	39.6
7.15	39.9	14.15	39.9	7.15	39.9
8.00	40.2	14.25	40.2	8.00	40.2
8.45	40.5	14.35	40.5	8.45	40.5
9.30	40.8	14.45	40.8	9.30	40.8
10.15	41.1	14.55	41.1	10.15	41.1
11.00	41.4	14.65	41.4	11.00	41.4
11.45	41.7	14.75	41.7	11.45	41.7
12.30	42.0	14.85	42.0	12.30	42.0
1.15	42.3	14.95	42.3	1.15	42.3
2.00	42.6	15.05	42.6	2.00	42.6
2.45	42.9	15.15	42.9	2.45	42.9
3.30	43.2	15.25	43.2	3.30	43.2
4.15	43.5	15.35	43.5	4.15	43.5
5.00	43.8	15.45	43.8	5.00	43.8
5.45	44.1	15.55	44.1	5.45	44.1
6.30	44.4	15.65	44.4	6.30	44.4
7.15	44.7	15.75	44.7	7.15	44.7
8.00	45.0	15.85	45.0	8.00	45.0
8.45	45.3	15.95	45.3	8.45	45.3
9.30	45.6	16.05	45.6	9.30	45.6
10.15	45.9	16.15	45.9	10.15	45.9
11.00	46.2	16.25	46.2	11.00	46.2
11.45	46.5	16.35	46.5	11.45	46.5
12.30	46.8	16.45	46.8	12.30	46.8
1.15	47.1	16.55	47.1	1.15	47.1
2.00	47.4	16.65	47.4	2.00	47.4
2.45	47.7	16.75	47.7	2.45	47.7
3.30	48.0	16.85	48.0	3.30	48.0
4.15	48.3	16.95	48.3	4.15	48.3
5.00	48.6	17.05	48.6	5.00	48.6
5.45	48.9	17.15	48.9	5.45	48.9
6.30	49.2	17.25	49.2	6.30	49.2
7.15	49.5	17.35	49.5	7.15	49.5
8.00	49.8	17.45	49.8	8.00	49.8
8.45	50.1	17.55	50.1	8.45	50.1
9.30	50.4	17.65	50.4	9.30	50.4
10.15	50.7	17.75	50.7	10.15	50.7
11.00	51.0	17.85	51.0	11.00	51.0
11.45	51.3	17.95	51.3	11.45	51.3
12.30	51.6	18.05	51.6	12.30	51.6
1.15	51.9	18.15	51.9	1.15	51.9
2.00	52.2	18.25	52.2	2.00	52.2
2.45	52.5	18.35	52.5	2.45	52.5
3.30	52.8	18.45	52.8	3.30	52.8
4.15	53.1	18.55	53.1	4.15	53.1
5.00	53.4	18.65	53.4	5.00	53.4
5.45	53.7	18.75	53.7	5.45	53.7
6.30	54.0	18.85	54.0	6.30	54.0
7.15	54.3	18.95	54.3	7.15	54.3
8.00	54.6	19.05	54.6	8.00	54.6
8.45	54.9	19.15	54.9	8.45	54.9
9.30					