

The Daily Astorian.

ASTORIA, OREGON:
MONDAY, SEPTEMBER 1, 1890

TIDE TABLE FOR ASTORIA.

SEPTEMBER.		LOW WATER.		HIGH WATER.	
Time.	Feet.	Time.	Feet.	Time.	Feet.
5.41	1.2	11.41	1.2	5.41	1.2
6.28	1.5	12.28	1.5	6.28	1.5
7.15	1.8	13.15	1.8	7.15	1.8
8.02	2.1	14.02	2.1	8.02	2.1
8.49	2.4	14.49	2.4	8.49	2.4
9.36	2.7	15.36	2.7	9.36	2.7
10.23	3.0	16.23	3.0	10.23	3.0
11.10	3.3	17.10	3.3	11.10	3.3
11.57	3.6	17.57	3.6	11.57	3.6
12.44	3.9	18.44	3.9	12.44	3.9
13.31	4.2	19.31	4.2	13.31	4.2
14.18	4.5	20.18	4.5	14.18	4.5
15.05	4.8	21.05	4.8	15.05	4.8
15.52	5.1	21.52	5.1	15.52	5.1
16.39	5.4	22.39	5.4	16.39	5.4
17.26	5.7	23.26	5.7	17.26	5.7
18.13	6.0	24.13	6.0	18.13	6.0
19.00	6.3	25.00	6.3	19.00	6.3
19.47	6.6	25.47	6.6	19.47	6.6
20.34	6.9	26.34	6.9	20.34	6.9
21.21	7.2	27.21	7.2	21.21	7.2
22.08	7.5	28.08	7.5	22.08	7.5
22.55	7.8	28.55	7.8	22.55	7.8
23.42	8.1	29.42	8.1	23.42	8.1
24.29	8.4	30.29	8.4	24.29	8.4
25.16	8.7	31.16	8.7	25.16	8.7
26.03	9.0	32.03	9.0	26.03	9.0
26.50	9.3	32.50	9.3	26.50	9.3
27.37	9.6	33.37	9.6	27.37	9.6
28.24	9.9	34.24	9.9	28.24	9.9
29.11	10.2	35.11	10.2	29.11	10.2
29.98	10.5	35.98	10.5	29.98	10.5
30.85	10.8	36.85	10.8	30.85	10.8
31.72	11.1	37.72	11.1	31.72	11.1
32.59	11.4	38.59	11.4	32.59	11.4
33.46	11.7	39.46	11.7	33.46	11.7
34.33	12.0	40.33	12.0	34.33	12.0
35.20	12.3	41.20	12.3	35.20	12.3
36.07	12.6	42.07	12.6	36.07	12.6
36.94	12.9	42.94	12.9	36.94	12.9
37.81	13.2	43.81	13.2	37.81	13.2
38.68	13.5	44.68	13.5	38.68	13.5
39.55	13.8	45.55	13.8	39.55	13.8
40.42	14.1	46.42	14.1	40.42	14.1
41.29	14.4	47.29	14.4	41.29	14.4
42.16	14.7	48.16	14.7	42.16	14.7
43.03	15.0	49.03	15.0	43.03	15.0
43.90	15.3	49.90	15.3	43.90	15.3
44.77	15.6	50.77	15.6	44.77	15.6
45.64	15.9	51.64	15.9	45.64	15.9
46.51	16.2	52.51	16.2	46.51	16.2
47.38	16.5	53.38	16.5	47.38	16.5
48.25	16.8	54.25	16.8	48.25	16.8
49.12	17.1	55.12	17.1	49.12	17.1
50.00	17.4	56.00	17.4	50.00	17.4
50.87	17.7	56.87	17.7	50.87	17.7
51.74	18.0	57.74	18.0	51.74	18.0
52.61	18.3	58.61	18.3	52.61	18.3
53.48	18.6	59.48	18.6	53.48	18.6
54.35	18.9	60.35	18.9	54.35	18.9
55.22	19.2	61.22	19.2	55.22	19.2
56.10	19.5	62.10	19.5	56.10	19.5
56.97	19.8	62.97	19.8	56.97	19.8
57.84	20.1	63.84	20.1	57.84	20.1
58.71	20.4	64.71	20.4	58.71	20.4
59.58	20.7	65.58	20.7	59.58	20.7
60.45	21.0	66.45	21.0	60.45	21.0
61.32	21.3	67.32	21.3	61.32	21.3
62.20	21.6	68.20	21.6	62.20	21.6
63.07	21.9	69.07	21.9	63.07	21.9
63.94	22.2	69.94	22.2	63.94	22.2
64.81	22.5	70.81	22.5	64.81	22.5
65.68	22.8	71.68	22.8	65.68	22.8
66.55	23.1	72.55	23.1	66.55	23.1
67.42	23.4	73.42	23.4	67.42	23.4
68.30	23.7	74.30	23.7	68.30	23.7
69.17	24.0	75.17	24.0	69.17	24.0
70.04	24.3	76.04	24.3	70.04	24.3
70.91	24.6	76.91	24.6	70.91	24.6
71.78	24.9	77.78	24.9	71.78	24.9
72.65	25.2	78.65	25.2	72.65	25.2
73.52	25.5	79.52	25.5	73.52	25.5
74.40	25.8	80.40	25.8	74.40	25.8
75.27	26.1	81.27	26.1	75.27	26.1
76.14	26.4	82.14	26.4	76.14	26.4
77.01	26.7	83.01	26.7	77.01	26.7
77.88	27.0	83.88	27.0	77.88	27.0
78.75	27.3	84.75	27.3	78.75	27.3
79.62	27.6	85.62	27.6	79.62	27.6
80.50	27.9	86.50	27.9	80.50	27.9
81.37	28.2	87.37	28.2	81.37	28.2
82.24	28.5	88.24	28.5	82.24	28.5
83.11	28.8	89.11	28.8	83.11	28.8
84.00	29.1	90.00	29.1	84.00	29.1
84.87	29.4	90.87	29.4	84.87	29.4
85.74	29.7	91.74	29.7	85.74	29.7
86.61	30.0	92.61	30.0	86.61	30.0
87.48	30.3	93.48	30.3	87.48	30.3
88.35	30.6	94.35	30.6	88.35	30.6
89.22	30.9	95.22	30.9	89.22	30.9
90.10	31.2	96.10	31.2	90.10	31.2
90.97	31.5	96.97	31.5	90.97	31.5
91.84	31.8	97.84	31.8	91.84	31.8
92.71	32.1	98.71	32.1	92.71	32.1
93.58	32.4	99.58	32.4	93.58	32.4
94.45	32.7	100.45	32.7	94.45	32.7
95.32	33.0	101.32	33.0	95.32	33.0
96.20	33.3	102.20	33.3	96.20	33.3
97.07	33.6	103.07	33.6	97.07	33.6
97.94	33.9	103.94	33.9	97.94	33.9
98.81	34.2	104.81	34.2	98.81	34.2
99.68	34.5	105.68	34.5	99.68	34.5
100.55	34.8	106.55	34.8	100.55	34.8
101.42	35.1	107.42	35.1	101.42	35.1
102.30	35.4	108.30	35.4	102.30	35.4
103.17	35.7	109.17	35.7	103.17	35.7
104.04	36.0	110.04	36.0	104.04	36.0
104.91	36.3	110.91	36.3	104.91	36.3
105.78	36.6	111.78	36.6	105.78	36.6
106.65	36.9	112.65	36.9	106.65	36.9
107.52	37.2	113.52	37.2	107.52	37.2
108.40	37.5	114.40	37.5	108.40	37.5
109.27	37.8	115.27	37.8	109.27	37.8
110.14	38.1	116.14	38.1	110.14	38.1
111.01	38.4	117.01	38.4	111.01	38.4
111.88	38.7	117.88	38.7	111.88	38.7
112.75	39.0	118.75	39.0	112.75	39.0
113.62	39.3	119.62	39.3	113.62	39.3
114.50	39.6	120.50	39.6	114.50	39.6
115.37	39.9	121.37	39.9	115.37	39.9
116.24	40.2	122.24	40.2	116.24	40.2
117.11	40.5	123.11	40.5	117.11	40.5
118.00	40.8	124.00	40.8	118.00	40.8
118.87	41.1	124.87	41.1	118.87	41.1
119.74	41.4	125.74	41.4	119.74	41.4
120.61	41.7	126.61	41.7	120.61	41.7
121.48	42.0	127.48	42.0	121.48	42.0
122.35	42.3	128.35	42.3	122.35	42.3
123.22	42.6	129.22	42.6	123.22	42.6
124.10	42.9	130.10	42.9	124.10	42.9
124.97	43.2	130.97	43.2	124.97	43.2
125.84	43.5	131.84	43.5	125.84	43.5
126.71	43.8	132.71	43.8	126.71	43.8
127.58	44.1	133.58	44.1	127.58	44.1
128.45	44.4	134.45	44.4	128.45	44.4
129.32	44.7	135.32	44.7	129.32	44.7
130.20	45.0	136.20	45.0	130.20	45.0
131.07	45.3	137.07	45.3	131.07	45.3
131.94	45.6	137.94	45.6	131.94	45.6
132.81	45.9	138.81	45.9	132.81	45.9
133.68	46.2	139.68	46.2	133.68	46.2
134.55	46.5	140.55	46.5	134.55	46.5
135.42	46.8	141.42	46.8	135.42	46.8
136.30	47.1	142.30	47.1	136.30	47.1
137.17	47.4	143.17	47.4	137.17	47.4
138.04	47.7	144.04	47.7	138.04	47.7
138.91	48.0	144.91	48.0	138.91	48.0
139.78	48.3	145.78	48.3	139.78	48.3
140.65	48.6	146.65	48.6	140.65	48.6
141.52	48.9	147.52	48.9	141.52	48.9
142.40	49.2	148.40	49.2	142.40	49.2
143.27	49.5	149.27	49.5	143.27	49.5
144.14	49.8	150.14	49.8	144.14	49.8
145.01	50.1	151.01	50.1	145.01	50.1
145.88	50.4	151.88	50.4	145.88	50.4
146.75	50.7	152.75	50.7	146.75	50.7
147.62	51.0	153.62	51.0	147.62	51.0
148.50	51.3	154.50	51.3	148.50	51.3
149.37	51.6	155.37	51.6	149.37	51.6
150.24	51.9	156.24	51.9	150.24	51.9
151.11	52.2	157.11	52.2	151.11	52.2
152.00	52.5	158.00	52.5	152.00	52.5
152.87	52.8	158.87	52.8	152.87	52.8
153.74	53.1	159.74	53.1	153.74	53.1
154.61	53.4	160.61	53.4	154.61	53.4
155.48	53.7	161.48	53.7	155.48	53.7
156.35	54.0	162.35	54.0	156.35	54.0
157.22	54.3	163.22	54.3	157.22	54.3
158.10	54.6	164.10	54.6	158.10	54.6
158.97	54.9	164.97	54.9	158.97	54.9
159.84	55.2	165.84	55.2	159.84	55.2
160.71	55.5	166.71	55.5	160.71	55.5
161.58	55.8	167.58	55.8	161.58	55.8
162.45	56.1	168.45	56.1	162.45	56.1
163.32	56.4	169.32	56.4	163.32	56.4
164.20	56.7	170.20	56.7	164.20	56.7
165.07	57.0	171.07	57.0	165.07	57.0
165.94	57.3	171.94	57.3	165.94	57.3
166.81	57.6	172.81	57.6	166.81	57.6
167.68	57.9	173.68	57.9	167.68	57.9
168.55	58.2	174.55	58.2	168.55	58.2
169.42	58.5	175.42	58.5	169.42	58.5
170.30	58.8	176.30	58.8	170.30	58.8
171.17	59.1	177.17	59.1	171.17	59.1
172.04	59.4	178.04	59.4	172.04	59.4
172.91	59.7	178.91	59.7	17	