

The Daily Astorian.
ASTORIA, OREGON:
WEDNESDAY, OCTOBER 9, 1890.
TIDE TABLE FOR ASTORIA.

OCTOBER		OCTOBER	
HIGH WATER.		LOW WATER.	
First.	Second.	First.	Second.
Time	Height	Time	Height
9 0 35	8 12 54	8 9 40	0 6 7 11
10 1 16	8 11 27	8 9 59	0 7 21
11 2 30	8 10 00	8 10 18	0 8 31
12 3 44	8 8 33	8 10 37	0 9 41
1 4 58	8 7 06	8 10 56	1 0 51
2 6 12	8 5 39	8 11 15	1 2 01
3 7 26	8 4 12	8 11 34	1 3 11
4 8 40	8 2 45	8 11 53	1 4 21
5 9 54	8 1 18	8 12 12	1 5 31
6 11 08	8 0 00	8 12 31	1 6 41
7 12 22	7 48 33	8 12 50	1 7 51
8 13 36	7 37 06	8 13 09	1 9 01
9 14 50	7 25 39	8 13 28	1 10 11
10 16 04	7 14 12	8 13 47	1 11 21
11 17 18	7 02 45	8 14 06	1 12 31
12 18 32	6 51 18	8 14 25	1 1 41
1 19 46	6 39 51	8 14 44	1 2 51
2 21 00	6 28 24	8 15 03	1 4 01
3 22 14	6 16 57	8 15 22	1 5 11
4 23 28	6 05 30	8 15 41	1 6 21
5 24 42	5 54 03	8 16 00	1 7 31
6 25 56	5 42 36	8 16 19	1 8 41
7 27 10	5 31 09	8 16 38	1 9 51
8 28 24	5 19 42	8 16 57	2 1 01
9 29 38	5 08 15	8 17 16	2 2 11
10 30 52	4 56 48	8 17 35	2 3 21
11 32 06	4 45 21	8 17 54	2 4 31
12 33 20	4 33 54	8 18 13	2 5 41
1 34 34	4 22 27	8 18 32	2 6 51
2 35 48	4 11 00	8 18 51	2 8 01
3 37 02	4 00 33	8 19 10	2 9 11
4 38 16	3 49 06	8 19 29	2 10 21
5 39 30	3 37 39	8 19 48	2 11 31
6 40 44	3 26 12	8 19 67	2 12 41
7 41 58	3 14 45	8 20 06	2 1 51
8 43 12	3 03 18	8 20 25	2 3 01
9 44 26	2 51 51	8 20 44	2 4 11
10 45 40	2 40 24	8 21 03	2 5 21
11 46 54	2 28 97	8 21 22	2 6 31
12 48 08	2 17 30	8 21 41	2 7 41
1 49 22	2 06 03	8 22 00	2 8 51
2 50 36	1 54 36	8 22 19	2 10 01
3 51 50	1 43 09	8 22 38	2 11 11
4 53 04	1 31 42	8 22 57	2 12 21
5 54 18	1 20 15	8 23 16	2 1 31
6 55 32	1 08 48	8 23 35	2 2 41
7 56 46	97 21	8 23 54	2 3 51
8 58 00	0 00 00	8 24 13	2 5 01
9 59 14	0 00 00	8 24 32	2 6 11
10 60 28	0 00 00	8 24 51	2 7 21
11 61 42	0 00 00	8 25 10	2 8 31
12 62 56	0 00 00	8 25 29	2 9 41
1 64 10	0 00 00	8 25 48	2 10 51
2 65 24	0 00 00	8 26 07	2 12 01
3 66 38	0 00 00	8 26 26	2 1 11
4 67 52	0 00 00	8 26 45	2 2 21
5 69 06	0 00 00	8 27 04	2 3 31
6 70 20	0 00 00	8 27 23	2 4 41
7 71 34	0 00 00	8 27 42	2 5 51
8 72 48	0 00 00	8 28 01	2 7 01
9 74 02	0 00 00	8 28 20	2 8 11
10 75 16	0 00 00	8 28 39	2 9 21
11 76 30	0 00 00	8 28 58	2 10 31
12 77 44	0 00 00	8 29 17	2 11 41
1 78 58	0 00 00	8 29 36	2 12 51
2 80 12	0 00 00	8 29 55	2 1 01
3 81 26	0 00 00	8 30 14	2 2 11
4 82 40	0 00 00	8 30 33	2 3 21
5 83 54	0 00 00	8 30 52	2 4 31
6 85 08	0 00 00	8 31 11	2 5 41
7 86 22	0 00 00	8 31 30	2 6 51
8 87 36	0 00 00	8 31 49	2 8 01
9 88 50	0 00 00	8 32 08	2 9 11
10 90 04	0 00 00	8 32 27	2 10 21
11 91 18	0 00 00	8 32 46	2 11 31
12 92 32	0 00 00	8 33 05	2 12 41
1 93 46	0 00 00	8 33 24	2 1 51
2 95 00	0 00 00	8 33 43	2 3 01
3 96 14	0 00 00	8 34 02	2 4 11
4 97 28	0 00 00	8 34 21	2 5 21
5 98 42	0 00 00	8 34 40	2 6 31
6 99 56	0 00 00	8 35 00	2 7 41
7 101 10	0 00 00	8 35 19	2 8 51
8 102 24	0 00 00	8 35 38	2 10 01
9 103 38	0 00 00	8 35 57	2 11 11
10 104 52	0 00 00	8 36 16	2 12 21
11 106 06	0 00 00	8 36 35	2 1 31
12 107 20	0 00 00	8 36 54	2 2 41
1 108 34	0 00 00	8 37 13	2 3 51
2 109 48	0 00 00	8 37 32	2 5 01
3 111 02	0 00 00	8 37 51	2 6 11
4 112 16	0 00 00	8 38 10	2 7 21
5 113 30	0 00 00	8 38 29	2 8 31
6 114 44	0 00 00	8 38 48	2 9 41
7 115 58	0 00 00	8 39 07	2 10 51
8 117 12	0 00 00	8 39 26	2 12 01
9 118 26	0 00 00	8 39 45	2 1 11
10 119 40	0 00 00	8 40 04	2 2 21
11 120 54	0 00 00	8 40 23	2 3 31
12 122 08	0 00 00	8 40 42	2 4 41
1 123 22	0 00 00	8 41 01	2 5 51
2 124 36	0 00 00	8 41 20	2 7 01
3 125 50	0 00 00	8 41 39	2 8 11
4 127 04	0 00 00	8 41 58	2 9 21
5 128 18	0 00 00	8 42 17	2 10 31
6 129 32	0 00 00	8 42 36	2 11 41
7 130 46	0 00 00	8 42 55	2 12 51
8 131 60	0 00 00	8 43 14	2 1 01
9 132 74	0 00 00	8 43 33	2 2 11
10 133 88	0 00 00	8 43 52	2 3 21
11 135 02	0 00 00	8 44 11	2 4 31
12 136 16	0 00 00	8 44 30	2 5 41
1 137 30	0 00 00	8 44 49	2 6 51
2 138 44	0 00 00	8 45 08	2 8 01
3 139 58	0 00 00	8 45 27	2 9 11
4 141 12	0 00 00	8 45 46	2 10 21
5 142 26	0 00 00	8 46 05	2 11 31
6 143 40	0 00 00	8 46 24	2 12 41
7 144 54	0 00 00	8 46 43	2 1 51
8 146 08	0 00 00	8 47 02	2 3 01
9 147 22	0 00 00	8 47 21	2 4 11
10 148 36	0 00 00	8 47 40	2 5 21
11 149 50	0 00 00	8 48 00	2 6 31
12 151 04	0 00 00	8 48 19	2 7 41
1 152 18	0 00 00	8 48 38	2 8 51
2 153 32	0 00 00	8 48 57	2 10 01
3 154 46	0 00 00	8 49 16	2 11 11
4 156 00	0 00 00	8 49 35	2 12 21
5 157 14	0 00 00	8 49 54	2 1 31
6 158 28	0 00 00	8 50 13	2 2 41
7 159 42	0 00 00	8 50 32	2 3 51
8 160 56	0 00 00	8 50 51	2 5 01
9 162 10	0 00 00	8 51 10	2 6 11
10 163 24	0 00 00	8 51 29	2 7 21
11 164 38	0 00 00	8 51 48	2 8 31
12 165 52	0 00 00	8 52 07	2 9 41
1 167 06	0 00 00	8 52 26	2 10 51
2 168 20	0 00 00	8 52 45	2 12 01
3 169 34	0 00 00	8 53 04	2 1 11
4 170 48	0 00 00	8 53 23	2 2 21
5 171 62	0 00 00	8 53 42	2 3 31
6 172 76	0 00 00	8 54 01	2 4 41
7 173 90	0 00 00	8 54 20	2 5 51
8 175 04	0 00 00	8 54 39	2 7 01
9 176 18	0 00 00	8 54 58	2 8 11
10 177 32	0 00 00	8 55 17	2 9 21
11 178 46	0 00 00	8 55 36	2 10 31
12 179 60	0 00 00	8 55 55	2 11 41
1 180 74	0 00 00	8 56 14	2 12 51
2 181 88	0 00 00	8 56 33	2 1 01
3 183 02	0 00 00	8 56 52	2 2 11
4 184 16	0 00 00	8 57 11	2 3 21
5 185 30	0 00 00	8 57 30	2 4 31
6 186 44	0 00 00	8 57 49	2 5 41
7 187 58	0 00 00	8 58 08	2 6 51
8 189 12	0 00 00	8 58 27	2 8 01
9 190 26	0 00 00	8 58 46	2 9 11
10 191 40	0 00 00	8 59 05	2 10 21
11 192 54	0 00 00	8 59 24	2 11 31
12 194 08	0 00 00	8 59 43	2 12 41
1 195 22	0 00 00	8 59 62	2 1 51
2 196 36	0 00 00	8 60 01	2 3 01
3 197 50	0 00 00	8 60 20	2 4 11
4 199 04	0 00 00	8 60 39	2 5 21
5 200 18	0 00 00	8 60 58	2 6 31
6 201 32	0 00 00	8 61 17	2 7 41
7 202 46	0 00 00	8 61 36	2 8 51
8 203 60	0 00 00	8 61 55	2 10 01
9 204 74	0 00 00	8 62 14	2 11 11
10 205 88	0 00 00	8 62 33	2 12 21
11 207 02	0 00 00	8 62 52	2 1 31
12 208 16	0 00 00	8 63 11	2 2 41
1 209 30	0 00 00	8 63 30	2 3 51
2 210 44	0 00 00	8 63 49	2 5 01
3 211 58	0 00 00	8 64 08	2 6 11
4 213 12	0 00 00	8 64 27	2 7 21
5 214 26	0 00 00	8 64 46	2 8 31
6 215 40	0 00 00	8 65 05	2 9 41
7 216 54	0 00 00	8 65 24	2 10 51
8 218 08	0 00 00	8 65 43	2 12 01
9 219 22	0 00 00	8 66 02	2 1 11
10 220 36	0 00 00	8 66 21	2 2 21
11 221 50	0 00 00	8 66 40	2 3 31
12 223 04	0 00 00	8 67 00	2 4 41
1 224 18	0 00 00	8 67 19	2 5 51
2 225 32	0 00 00	8 67 38	2 7 01
3 226 46	0 00 00	8 67 57	2 8 11
4 228 00	0 00 00	8 68 16	2 9 21
5 229 14	0 00 00	8 68 35	2 10 31
6 230 28	0 00 00	8 68 54	2 11 41
7 231 42	0 00 00	8 69 13	2 12 51
8 232 56	0 00 00	8 69 32	2 1 01
9 234 10	0 00 00	8 69 51	2 2 11
10 235 24	0 00 00	8 70 10	2 3 21
11 236 38	0 00 00	8 70 29	2 4 31
12 237 52	0 00 00	8 70 48	2 5 41
1 239 06	0 00 00	8 71 07	2 6 51
2 240 20	0 00 00	8 71 26	2 8 01
3 241 34	0 00 00	8 71 45	2 9 11
4 242 48	0 00 00	8 72 04	2 10 21
5 243 62	0 00 00	8 72 23	2 11 31
6 244 76	0 00 00	8 72 42	2 12 41
7 245 90	0 00 00	8 73 01	2 1 51
8 247 04	0 00 00	8 73 20	2 3 01
9 248 18	0 00 00	8 73 39	2 4 11
10 249 32	0 0		