

The Daily Astorian.
ASTORIA, OREGON:
SATURDAY, NOVEMBER 23, 1889.

THE TABLE FOR ASTORIA.

NOVEMBER			
HIGH WATER.		LOW WATER.	
Time	Height	Time	Height
7:18 a. m.	10.0	1:35 p. m.	1.7
7:52	9.2	2:02	1.8
8:27	8.4	2:30	1.9
9:01	7.6	2:58	2.0
9:36	6.8	3:26	2.1
10:10	6.0	3:54	2.2
10:45	5.2	4:22	2.3
11:19	4.4	4:50	2.4
11:54	3.6	5:18	2.5
12:28	2.8	5:46	2.6
1:03	2.0	6:14	2.7
1:37	1.2	6:42	2.8
2:12	0.4	7:10	2.9
2:46	-0.4	7:38	3.0
3:21	-1.2	8:06	3.1
3:55	-2.0	8:34	3.2
4:30	-2.8	9:02	3.3
5:04	-3.6	9:30	3.4
5:39	-4.4	9:58	3.5
6:13	-5.2	10:26	3.6
6:48	-6.0	10:54	3.7
7:22	-6.8	11:22	3.8
7:57	-7.6	11:50	3.9
8:31	-8.4	12:18	4.0
9:06	-9.2	12:46	4.1
9:40	-10.0	1:14	4.2
10:15	-10.8	1:42	4.3
10:49	-11.6	2:10	4.4
11:24	-12.4	2:38	4.5
11:58	-13.2	3:06	4.6
12:33	-14.0	3:34	4.7
1:07	-14.8	4:02	4.8
1:42	-15.6	4:30	4.9
2:16	-16.4	4:58	5.0
2:51	-17.2	5:26	5.1
3:25	-18.0	5:54	5.2
3:59	-18.8	6:22	5.3
4:34	-19.6	6:50	5.4
5:08	-20.4	7:18	5.5
5:43	-21.2	7:46	5.6
6:17	-22.0	8:14	5.7
6:52	-22.8	8:42	5.8
7:26	-23.6	9:10	5.9
8:01	-24.4	9:38	6.0
8:35	-25.2	10:06	6.1
9:10	-26.0	10:34	6.2
9:44	-26.8	11:02	6.3
10:19	-27.6	11:30	6.4
10:53	-28.4	11:58	6.5
11:28	-29.2	12:26	6.6
12:02	-30.0	12:54	6.7
12:37	-30.8	1:22	6.8
1:11	-31.6	1:50	6.9
1:46	-32.4	2:18	7.0
2:20	-33.2	2:46	7.1
2:55	-34.0	3:14	7.2
3:29	-34.8	3:42	7.3
4:04	-35.6	4:10	7.4
4:38	-36.4	4:38	7.5
5:13	-37.2	5:06	7.6
5:47	-38.0	5:34	7.7
6:22	-38.8	6:02	7.8
6:56	-39.6	6:30	7.9
7:31	-40.4	6:58	8.0
8:05	-41.2	7:26	8.1
8:40	-42.0	7:54	8.2
9:14	-42.8	8:22	8.3
9:49	-43.6	8:50	8.4
10:23	-44.4	9:18	8.5
10:58	-45.2	9:46	8.6
11:32	-46.0	10:14	8.7
12:07	-46.8	10:42	8.8
12:41	-47.6	11:10	8.9
1:16	-48.4	11:38	9.0
1:50	-49.2	12:06	9.1
2:25	-50.0	12:34	9.2
2:59	-50.8	1:02	9.3
3:34	-51.6	1:30	9.4
4:08	-52.4	1:58	9.5
4:43	-53.2	2:26	9.6
5:17	-54.0	2:54	9.7
5:52	-54.8	3:22	9.8
6:26	-55.6	3:50	9.9
7:01	-56.4	4:18	10.0
7:35	-57.2	4:46	10.1
8:10	-58.0	5:14	10.2
8:44	-58.8	5:42	10.3
9:19	-59.6	6:10	10.4
9:53	-60.4	6:38	10.5
10:28	-61.2	7:06	10.6
11:02	-62.0	7:34	10.7
11:37	-62.8	8:02	10.8
12:11	-63.6	8:30	10.9
12:46	-64.4	8:58	11.0
1:20	-65.2	9:26	11.1
1:55	-66.0	9:54	11.2
2:29	-66.8	10:22	11.3
3:04	-67.6	10:50	11.4
3:38	-68.4	11:18	11.5
4:13	-69.2	11:46	11.6
4:47	-70.0	12:14	11.7
5:22	-70.8	12:42	11.8
5:56	-71.6	1:10	11.9
6:31	-72.4	1:38	12.0
7:05	-73.2	2:06	12.1
7:40	-74.0	2:34	12.2
8:14	-74.8	3:02	12.3
8:49	-75.6	3:30	12.4
9:23	-76.4	3:58	12.5
9:58	-77.2	4:26	12.6
10:32	-78.0	4:54	12.7
11:07	-78.8	5:22	12.8
11:41	-79.6	5:50	12.9
12:16	-80.4	6:18	13.0
12:50	-81.2	6:46	13.1
1:25	-82.0	7:14	13.2
1:59	-82.8	7:42	13.3
2:34	-83.6	8:10	13.4
3:08	-84.4	8:38	13.5
3:43	-85.2	9:06	13.6
4:17	-86.0	9:34	13.7
4:52	-86.8	10:02	13.8
5:26	-87.6	10:30	13.9
6:01	-88.4	10:58	14.0
6:35	-89.2	11:26	14.1
7:10	-90.0	11:54	14.2
7:44	-90.8	12:22	14.3
8:19	-91.6	12:50	14.4
8:53	-92.4	1:18	14.5
9:28	-93.2	1:46	14.6
10:02	-94.0	2:14	14.7
10:37	-94.8	2:42	14.8
11:11	-95.6	3:10	14.9
11:46	-96.4	3:38	15.0
12:20	-97.2	4:06	15.1
12:55	-98.0	4:34	15.2
1:29	-98.8	5:02	15.3
2:04	-99.6	5:30	15.4
2:38	-100.4	5:58	15.5
3:13	-101.2	6:26	15.6
3:47	-102.0	6:54	15.7
4:22	-102.8	7:22	15.8
4:56	-103.6	7:50	15.9
5:31	-104.4	8:18	16.0
6:05	-105.2	8:46	16.1
6:40	-106.0	9:14	16.2
7:14	-106.8	9:42	16.3
7:49	-107.6	10:10	16.4
8:23	-108.4	10:38	16.5
8:58	-109.2	11:06	16.6
9:32	-110.0	11:34	16.7
10:07	-110.8	12:02	16.8
10:41	-111.6	12:30	16.9
11:16	-112.4	12:58	17.0
11:50	-113.2	1:26	17.1
12:25	-114.0	1:54	17.2
12:59	-114.8	2:22	17.3
1:34	-115.6	2:50	17.4
2:08	-116.4	3:18	17.5
2:43	-117.2	3:46	17.6
3:17	-118.0	4:14	17.7
3:52	-118.8	4:42	17.8
4:26	-119.6	5:10	17.9
5:01	-120.4	5:38	18.0
5:35	-121.2	6:06	18.1
6:10	-122.0	6:34	18.2
6:44	-122.8	7:02	18.3
7:19	-123.6	7:30	18.4
7:53	-124.4	7:58	18.5
8:28	-125.2	8:26	18.6
9:02	-126.0	8:54	18.7
9:37	-126.8	9:22	18.8
10:11	-127.6	9:50	18.9
10:46	-128.4	10:18	19.0
11:20	-129.2	10:46	19.1
11:55	-130.0	11:14	19.2
12:29	-130.8	11:42	19.3
1:04	-131.6	12:10	19.4
1:38	-132.4	12:38	19.5
2:13	-133.2	1:06	19.6
2:47	-134.0	1:34	19.7
3:22	-134.8	2:02	19.8
3:56	-135.6	2:30	19.9
4:31	-136.4	2:58	20.0
5:05	-137.2	3:26	20.1
5:40	-138.0	3:54	20.2
6:14	-138.8	4:22	20.3
6:49	-139.6	4:50	20.4
7:23	-140.4	5:18	20.5
7:58	-141.2	5:46	20.6
8:32	-142.0	6:14	20.7
9:07	-142.8	6:42	20.8
9:41	-143.6	7:10	20.9
10:16	-144.4	7:38	21.0
10:50	-145.2	8:06	21.1
11:25	-146.0	8:34	21.2
11:59	-146.8	9:02	21.3
12:34	-147.6	9:30	21.4
1:08	-148.4	9:58	21.5
1:43	-149.2	10:26	21.6
2:17	-150.0	10:54	21.7
2:52	-150.8	11:22	21.8
3:26	-151.6	11:50	21.9
4:01	-152.4	12:18	22.0
4:35	-153.2	12:46	22.1
5:10	-154.0	1:14	22.2
5:44	-154.8	1:42	22.3
6:19	-155.6	2:10	22.4
6:53	-156.4	2:38	22.5
7:28	-157.2	3:06	22.6
8:02	-158.0	3:34	22.7
8:37	-158.8	4:02	22.8
9:11	-159.6	4:30	22.9
9:46	-160.4	4:58	23.0
10:20	-161.2	5:26	23.1
10:55	-162.0	5:54	23.2
11:29	-162.8	6:22	23.3
12:04	-163.6	6:50	23.4
12:38	-164.4	7:18	23.5
1:13	-165.2	7:46	23.6
1:47	-166.0	8:14	23.7
2:22	-166.8	8:42	23.8
2:56	-167.6	9:10	23.9
3:31	-168.4	9:38	24.0
4:05	-169.2	10:06	24.1
4:40	-170.0	10:34	24.2
5:14	-170.8	11:02	24.3
5:49	-171.6	11:30	24.4
6:23	-172.4	11:58	24.5
6:58	-173.2	12:26	24.6
7:32	-174.0	12:54	24.7
8:07	-174.8	1:22	24.8
8:41	-175.6	1:50	24.9
9:16	-176.4	2:18	25.0
9:50	-177.2	2:46	25.1
10:25	-178.0	3:14	25.2
10:59	-178.8	3:42	25.3
11:34	-179.6	4:10	25.4
12:08	-180.4	4:38	25.5
12:43	-181.2	5:06	25.6
1:17	-182.0	5:34	25.7
1:52	-182.8	6:02	25.8
2:26	-183.6	6:30	25.9
3:01	-184.4	6:58	26.0
3:35	-185.2	7:26	26.1
4:10	-186.0	7:54	26.2
4:44	-186.8	8:22	26.3
5:19	-187.6	8:50	26.4
5:53	-188.4	9:18	26.5
6:28	-189.2	9:46	26.6
7:02	-190.0	10:14	26.7
7:37	-190.8	10:42	26.8
8:11	-191.6	11:10	26.9
8:46	-192.4	11:38	27.0
9:20	-193.2	12:06	27.1
9:55	-194.0	12:34	27.