

The Daily Astorian.
ASTORIA, OREGON:
SATURDAY, SEPTEMBER 7, 1889.

TIDE TABLE FOR ASTORIA.

SEPTEMBER.			
HIGH WATER.		LOW WATER.	
Time.	Height.	Time.	Height.
5:42	10.0	11:12	0.0
6:00	9.3	11:30	0.7
6:18	8.6	11:48	1.4
6:36	7.9	12:06	2.1
6:54	7.2	12:24	2.8
7:12	6.5	12:42	3.5
7:30	5.8	13:00	4.2
7:48	5.1	13:18	4.9
8:06	4.4	13:36	5.6
8:24	3.7	13:54	6.3
8:42	3.0	14:12	7.0
9:00	2.3	14:30	7.7
9:18	1.6	14:48	8.4
9:36	0.9	15:06	9.1
9:54	0.2	15:24	9.8
10:12	-0.5	15:42	10.5
10:30	-1.2	16:00	11.2
10:48	-1.9	16:18	11.9
11:06	-2.6	16:36	12.6
11:24	-3.3	16:54	13.3
11:42	-4.0	17:12	14.0
12:00	-4.7	17:30	14.7
12:18	-5.4	17:48	15.4
12:36	-6.1	18:06	16.1
12:54	-6.8	18:24	16.8
1:12	-7.5	18:42	17.5
1:30	-8.2	19:00	18.2
1:48	-8.9	19:18	18.9
2:06	-9.6	19:36	19.6
2:24	-10.3	19:54	20.3
2:42	-11.0	20:12	21.0
3:00	-11.7	20:30	21.7
3:18	-12.4	20:48	22.4
3:36	-13.1	21:06	23.1
3:54	-13.8	21:24	23.8
4:12	-14.5	21:42	24.5
4:30	-15.2	22:00	25.2
4:48	-15.9	22:18	25.9
5:06	-16.6	22:36	26.6
5:24	-17.3	22:54	27.3
5:42	-18.0	23:12	28.0
6:00	-18.7	23:30	28.7
6:18	-19.4	23:48	29.4
6:36	-20.1	24:06	30.1
6:54	-20.8	24:24	30.8
7:12	-21.5	24:42	31.5
7:30	-22.2	25:00	32.2
7:48	-22.9	25:18	32.9
8:06	-23.6	25:36	33.6
8:24	-24.3	25:54	34.3
8:42	-25.0	26:12	35.0
9:00	-25.7	26:30	35.7
9:18	-26.4	26:48	36.4
9:36	-27.1	27:06	37.1
9:54	-27.8	27:24	37.8
10:12	-28.5	27:42	38.5
10:30	-29.2	28:00	39.2
10:48	-29.9	28:18	39.9
11:06	-30.6	28:36	40.6
11:24	-31.3	28:54	41.3
11:42	-32.0	29:12	42.0
12:00	-32.7	29:30	42.7
12:18	-33.4	29:48	43.4
12:36	-34.1	30:06	44.1
12:54	-34.8	30:24	44.8
1:12	-35.5	30:42	45.5
1:30	-36.2	31:00	46.2
1:48	-36.9	31:18	46.9
2:06	-37.6	31:36	47.6
2:24	-38.3	31:54	48.3
2:42	-39.0	32:12	49.0
3:00	-39.7	32:30	49.7
3:18	-40.4	32:48	50.4
3:36	-41.1	33:06	51.1
3:54	-41.8	33:24	51.8
4:12	-42.5	33:42	52.5
4:30	-43.2	34:00	53.2
4:48	-43.9	34:18	53.9
5:06	-44.6	34:36	54.6
5:24	-45.3	34:54	55.3
5:42	-46.0	35:12	56.0
6:00	-46.7	35:30	56.7
6:18	-47.4	35:48	57.4
6:36	-48.1	36:06	58.1
6:54	-48.8	36:24	58.8
7:12	-49.5	36:42	59.5
7:30	-50.2	37:00	60.2
7:48	-50.9	37:18	60.9
8:06	-51.6	37:36	61.6
8:24	-52.3	37:54	62.3
8:42	-53.0	38:12	63.0
9:00	-53.7	38:30	63.7
9:18	-54.4	38:48	64.4
9:36	-55.1	39:06	65.1
9:54	-55.8	39:24	65.8
10:12	-56.5	39:42	66.5
10:30	-57.2	40:00	67.2
10:48	-57.9	40:18	67.9
11:06	-58.6	40:36	68.6
11:24	-59.3	40:54	69.3
11:42	-60.0	41:12	70.0
12:00	-60.7	41:30	70.7
12:18	-61.4	41:48	71.4
12:36	-62.1	42:06	72.1
12:54	-62.8	42:24	72.8
1:12	-63.5	42:42	73.5
1:30	-64.2	43:00	74.2
1:48	-64.9	43:18	74.9
2:06	-65.6	43:36	75.6
2:24	-66.3	43:54	76.3
2:42	-67.0	44:12	77.0
3:00	-67.7	44:30	77.7
3:18	-68.4	44:48	78.4
3:36	-69.1	45:06	79.1
3:54	-69.8	45:24	79.8
4:12	-70.5	45:42	80.5
4:30	-71.2	46:00	81.2
4:48	-71.9	46:18	81.9
5:06	-72.6	46:36	82.6
5:24	-73.3	46:54	83.3
5:42	-74.0	47:12	84.0
6:00	-74.7	47:30	84.7
6:18	-75.4	47:48	85.4
6:36	-76.1	48:06	86.1
6:54	-76.8	48:24	86.8
7:12	-77.5	48:42	87.5
7:30	-78.2	49:00	88.2
7:48	-78.9	49:18	88.9
8:06	-79.6	49:36	89.6
8:24	-80.3	49:54	90.3
8:42	-81.0	50:12	91.0
9:00	-81.7	50:30	91.7
9:18	-82.4	50:48	92.4
9:36	-83.1	51:06	93.1
9:54	-83.8	51:24	93.8
10:12	-84.5	51:42	94.5
10:30	-85.2	52:00	95.2
10:48	-85.9	52:18	95.9
11:06	-86.6	52:36	96.6
11:24	-87.3	52:54	97.3
11:42	-88.0	53:12	98.0
12:00	-88.7	53:30	98.7
12:18	-89.4	53:48	99.4
12:36	-90.1	54:06	100.1
12:54	-90.8	54:24	100.8
1:12	-91.5	54:42	101.5
1:30	-92.2	55:00	102.2
1:48	-92.9	55:18	102.9
2:06	-93.6	55:36	103.6
2:24	-94.3	55:54	104.3
2:42	-95.0	56:12	105.0
3:00	-95.7	56:30	105.7
3:18	-96.4	56:48	106.4
3:36	-97.1	57:06	107.1
3:54	-97.8	57:24	107.8
4:12	-98.5	57:42	108.5
4:30	-99.2	58:00	109.2
4:48	-99.9	58:18	109.9
5:06	-100.6	58:36	110.6
5:24	-101.3	58:54	111.3
5:42	-102.0	59:12	112.0
6:00	-102.7	59:30	112.7
6:18	-103.4	59:48	113.4
6:36	-104.1	60:06	114.1
6:54	-104.8	60:24	114.8
7:12	-105.5	60:42	115.5
7:30	-106.2	61:00	116.2
7:48	-106.9	61:18	116.9
8:06	-107.6	61:36	117.6
8:24	-108.3	61:54	118.3
8:42	-109.0	62:12	119.0
9:00	-109.7	62:30	119.7
9:18	-110.4	62:48	120.4
9:36	-111.1	63:06	121.1
9:54	-111.8	63:24	121.8
10:12	-112.5	63:42	122.5
10:30	-113.2	64:00	123.2
10:48	-113.9	64:18	123.9
11:06	-114.6	64:36	124.6
11:24	-115.3	64:54	125.3
11:42	-116.0	65:12	126.0
12:00	-116.7	65:30	126.7
12:18	-117.4	65:48	127.4
12:36	-118.1	66:06	128.1
12:54	-118.8	66:24	128.8
1:12	-119.5	66:42	129.5
1:30	-120.2	67:00	130.2
1:48	-120.9	67:18	130.9
2:06	-121.6	67:36	131.6
2:24	-122.3	67:54	132.3
2:42	-123.0	68:12	133.0
3:00	-123.7	68:30	133.7
3:18	-124.4	68:48	134.4
3:36	-125.1	69:06	135.1
3:54	-125.8	69:24	135.8
4:12	-126.5	69:42	136.5
4:30	-127.2	70:00	137.2
4:48	-127.9	70:18	137.9
5:06	-128.6	70:36	138.6
5:24	-129.3	70:54	139.3
5:42	-130.0	71:12	140.0
6:00	-130.7	71:30	140.7
6:18	-131.4	71:48	141.4
6:36	-132.1	72:06	142.1
6:54	-132.8	72:24	142.8
7:12	-133.5	72:42	143.5
7:30	-134.2	73:00	144.2
7:48	-134.9	73:18	144.9
8:06	-135.6	73:36	145.6
8:24	-136.3	73:54	146.3
8:42	-137.0	74:12	147.0
9:00	-137.7	74:30	147.7
9:18	-138.4	74:48	148.4
9:36	-139.1	75:06	149.1
9:54	-139.8	75:24	149.8
10:12	-140.5	75:42	150.5
10:30	-141.2	76:00	151.2
10:48	-141.9	76:18	151.9
11:06	-142.6	76:36	152.6
11:24	-143.3	76:54	153.3
11:42	-144.0	77:12	154.0
12:00	-144.7	77:30	154.7
12:18	-145.4	77:48	155.4
12:36	-146.1	78:06	156.1
12:54	-146.8	78:24	156.8
1:12	-147.5	78:42	157.5
1:30	-148.2	79:00	158.2
1:48	-148.9	79:18	158.9
2:06	-149.6	79:36	159.6
2:24	-150.3	79:54	160.3
2:42	-151.0	80:12	161.0
3:00	-151.7	80:30	161.7
3:18	-152.4	80:48	162.4
3:36	-153.1	81:06	163.1
3:54	-153.8	81:24	163.8
4:12	-154.5	81:42	164.5
4:30	-155.2	82:00	165.2
4:48	-155.9	82:18	165.9
5:06	-156.6	82:36	166.6
5:24	-157.3	82:54	167.3
5:42	-158.0	83:12	168.0
6:00	-158.7	83:30	168.7
6:18	-159.4	83:48	169.4
6:36	-160.1	84:06	170.1
6:54	-160.8	84:24	170.8
7:12	-161.5	84:42	171.5
7:30	-162.2	85:00	172.2
7:48	-162.9	85:18	172.9
8:06	-163.6	85:36	173.6