

Tides:Columbia River entrance (N. Jetty)

based on Astoria (Tongue Point), Oregon (NOAA)

46° 16 N 124° 4 W

August 2008

Monthly High & Low

High August 1, 12:33a 8.0 ft
Low August 1, 7:27a -1.7 ft

Average Tides
Mean Range: 5.6 ft
MHHW: 7.5 ft
Mean Tide: 4.0 ft

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
					MR: 6:12a MS: 9:04p SR: 5:59a SS: 8:46p (PDT) ft 12:33a 8.0 H 7:27a -1.7 L 2:04p 6.4 H 7:20p 1.9 L	MR: 7:32a MS: 9:26p SR: 6:00a SS: 8:44p (PDT) ft 1:26a 7.9 H 8:09a -1.5 L 2:45p 6.7 H 8:11p 1.5 L
3	4	5	6	7	8	9
MR: 8:49a MS: 9:45p SR: 6:01a SS: 8:43p (PDT) ft 2:17a 7.6 H 8:48a -1.1 L 3:23p 6.9 H 9:01p 1.2 L	MR: 10:02a MS: 10:02p SR: 6:02a SS: 8:42p (PDT) ft 3:05a 7.1 H 9:24a -0.6 L 3:58p 7.1 H 9:49p 1.0 L	MR: 11:13a MS: 10:20p SR: 6:03a SS: 8:40p (PDT) ft 3:54a 6.5 H 9:58a 0.1 L 4:32p 7.1 H 10:37p 0.9 L	MR: 12:22p MS: 10:39p SR: 6:05a SS: 8:39p (PDT) ft 4:44a 5.8 H 10:32a 0.8 L 5:06p 7.0 H 11:27p 0.9 L	MR: 1:31p MS: 11:01p SR: 6:06a SS: 8:37p (PDT) ft 5:39a 5.1 H 11:08a 1.6 L 5:41p 6.8 H	MR: 2:39p MS: 11:27p SR: 6:07a SS: 8:36p (PDT) ft 12:21a 0.9 L 6:43a 4.5 H 11:49a 2.3 L 6:21p 6.6 H	MR: 3:45p MS: None SR: 6:08a SS: 8:34p (PDT) ft 1:23a 0.9 L 7:56a 4.2 H 12:41p 2.9 L 7:09p 6.4 H
10	11	12	13	14	15	16
MS: 12:00a MR: 4:47p SR: 6:10a SS: 8:33p (PDT) ft 2:31a 0.8 L 9:12a 4.2 H 1:46p 3.4 L 8:07p 6.2 H	MS: 12:41a MR: 5:41p SR: 6:11a SS: 8:31p (PDT) ft 3:37a 0.5 L 10:21a 4.4 H 2:57p 3.5 L 9:09p 6.2 H	MS: 1:32a MR: 6:28p SR: 6:12a SS: 8:29p (PDT) ft 4:35a 0.1 L 11:17a 4.8 H 4:02p 3.4 L 10:08p 6.4 H	MS: 2:32a MR: 7:05p SR: 6:13a SS: 8:28p (PDT) ft 5:24a -0.2 L 12:03p 5.2 H 4:59p 3.1 L 11:01p 6.6 H	MS: 3:38a MR: 7:35p SR: 6:15a SS: 8:26p (PDT) ft 6:05a -0.5 L 12:43p 5.5 H 5:48p 2.7 L 11:49p 6.9 H	MS: 4:48a MR: 8:00p SR: 6:16a SS: 8:24p (PDT) ft 6:42a -0.7 L 1:18p 5.8 H 6:32p 2.3 L	MS: 6:00a MR: 8:21p SR: 6:17a SS: 8:23p (PDT) ft 12:33a 7.0 H 7:15a -0.8 L 1:50p 6.1 H 7:14p 1.9 L
17	18	19	20	21	22	23
MS: 7:12a MR: 8:39p SR: 6:18a SS: 8:21p (PDT) ft 1:15a 7.1 H 7:46a -0.7 L 2:19p 6.4 H 7:54p 1.4 L	MS: 8:24a MR: 8:57p SR: 6:20a SS: 8:19p (PDT) ft 1:57a 7.0 H 8:15a -0.5 L 2:47p 6.8 H 8:33p 1.0 L	MS: 9:38a MR: 9:16p SR: 6:21a SS: 8:18p (PDT) ft 2:40a 6.8 H 8:45a -0.2 L 3:15p 7.1 H 9:14p 0.6 L	MS: 10:53a MR: 9:36p SR: 6:22a SS: 8:16p (PDT) ft 3:25a 6.4 H 9:16a 0.3 L 3:44p 7.3 H 9:58p 0.3 L	MS: 12:10p MR: 10:00p SR: 6:23a SS: 8:14p (PDT) ft 4:15a 5.9 H 9:49a 0.8 L 4:17p 7.5 H 10:46p 0.1 L	MS: 1:30p MR: 10:31p SR: 6:25a SS: 8:12p (PDT) ft 5:12a 5.2 H 10:27a 1.5 L 4:56p 7.5 H 11:44p 0.1 L	MS: 2:49p MR: 11:11p SR: 6:26a SS: 8:11p (PDT) ft 6:22a 4.6 H 11:14a 2.2 L 5:44p 7.3 H
24	25	26	27	28	29	30
MS: 4:04p MR: None SR: 6:27a SS: 8:09p (PDT) ft 12:56a 0.1 L 7:46a 4.3 H 12:17p 2.9 L 6:46p 7.1 H	MR: 12:04a MS: 5:07p SR: 6:29a SS: 8:07p (PDT) ft 2:17a 0.0 L 9:11a 4.4 H 1:39p 3.2 L 8:03p 6.9 H	MR: 1:10a MS: 5:58p SR: 6:30a SS: 8:05p (PDT) ft 3:35a -0.3 L 10:24a 4.8 H 3:07p 3.2 L 9:23p 6.9 H	MR: 2:27a MS: 6:36p SR: 6:31a SS: 8:03p (PDT) ft 4:40a -0.7 L 11:23a 5.3 H 4:22p 2.7 L 10:34p 7.2 H	MR: 3:48a MS: 7:05p SR: 6:32a SS: 8:01p (PDT) ft 5:34a -1.1 L 12:11p 5.9 H 5:25p 2.1 L 11:35p 7.4 H	MR: 5:08a MS: 7:28p SR: 6:34a SS: 8:00p (PDT) ft 6:20a -1.2 L 12:53p 6.4 H 6:20p 1.4 L	MR: 6:26a MS: 7:48p SR: 6:35a SS: 7:58p (PDT) ft 12:30a 7.4 H 7:01a -1.1 L 1:31p 6.8 H 7:09p 0.9 L
31						
MR: 7:40a MS: 8:06p SR: 6:36a SS: 7:56p (PDT) ft 1:19a 7.3 H 7:38a -0.8 L 2:06p 7.1 H 7:55p 0.4 L						