



Ketchikan

Alaska, USA
55°20'N 131°37.30'W

All times have been adjusted for daylight saving time on the appropriate dates.

For use with **Ports and Passes, 2010**.
For detailed instructions on reading these tables, consult page 11 of your **Ports and Passes**.

Published by Chyna Sea Ventures Ltd.
8311 E Island Hwy, Lantzville, BC, V0R 2H0

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January 2010

February 2010

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1	12:57a	15.9	4.8	16	1:31a	14.8	4.5	1	1:59a	18.0	5.5
Fri	6:29a	2.7	0.8	Sat	7:06a	3.4	1.0	Mon	7:54a	-0.4	-0.1
	12:39p	19.1	5.8		1:06p	16.4	5.0	Tue	2:04p	18.3	5.6
	7:13p	-3.8	-1.2		7:33p	-0.9	-0.3		8:16p	-2.9	-0.9
2	1:40a	16.6	5.1	17	2:01a	15.0	4.6	2	2:38a	18.2	5.6
Sat	7:18a	2.1	0.6	Sun	7:40a	3.1	0.9	Tue	8:41a	-0.4	-0.1
	1:27p	18.9	5.8		1:40p	16.0	4.9	Wed	2:51p	17.1	5.2
	7:56p	-3.7	-1.1		8:02p	-0.6	-0.2		8:57p	-1.5	-0.5
3	2:24a	17.0	5.2	18	2:29a	15.1	4.6	3	3:19a	17.8	5.4
Sun	8:07a	1.7	0.5	Mon	8:15a	3.0	0.9	Wed	9:31a	0.0	0.0
	2:15p	18.3	5.6		2:13p	15.5	4.7		3:40p	15.4	4.7
	8:40p	-3.0	-0.9		8:30p	0.0	0.0		9:39p	0.3	0.1
4	3:07a	17.1	5.2	19	2:58a	15.1	4.6	4	4:01a	17.1	5.2
Mon	8:58a	1.6	0.5	Tue	8:50a	3.0	0.9	Thu	10:24a	0.8	0.2
	3:05p	17.1	5.2		2:47p	14.7	4.5		4:33p	13.6	4.1
	9:24p	-1.7	-0.5		8:59p	0.8	0.2		10:23p	2.3	0.7
5	3:52a	16.9	5.2	20	3:27a	15.0	4.6	5	4:48a	16.1	4.9
Tue	9:53a	1.8	0.5	Wed	9:28a	3.1	0.9	Fri	11:25a	1.8	0.5
	3:58p	15.5	4.7		3:24p	13.7	4.2		5:38p	11.9	3.6
	10:10p	-0.1	0.0		9:28p	1.8	0.5		11:15p	4.2	1.3
6	4:39a	16.5	5.0	21	3:59a	14.8	4.5	6	5:42a	14.9	4.5
Wed	10:54a	2.2	0.7	Thu	10:11a	3.4	1.0	Sat	12:39p	2.6	0.8
	4:58p	13.8	4.2		4:07p	12.6	3.8		7:02p	10.8	3.3
	11:00p	1.7	0.5		10:02p	3.0	0.9				
7	5:31a	16.0	4.9	22	4:35a	14.5	4.4	7	12:23a	5.8	1.8
Thu	12:02p	2.5	0.8	Fri	11:03a	3.6	1.1	Sun	6:50a	14.0	4.3
	6:09p	12.3	3.8		4:59p	11.5	3.5		2:03p	2.8	0.9
	11:56p	3.5	1.1		10:42p	4.2	1.3		8:40p	10.7	3.3
8	6:29a	15.5	4.7	23	5:20a	14.3	4.4	8	1:50a	6.5	2.0
Fri	1:18p	2.5	0.8	Sat	12:08p	3.6	1.1	Mon	8:10a	13.6	4.1
	7:33p	11.4	3.5		6:11p	10.7	3.3		3:21p	2.3	0.7
					11:36p	5.4	1.6		9:59p	11.4	3.5
9	1:03a	4.9	1.5	24	6:19a	14.2	4.3	9	12:20a	6.3	1.9
Sat	7:33a	15.1	4.6	Sun	1:26p	3.2	1.0	Tue	6:58a	13.8	4.2
	2:34p	2.1	0.6		7:42p	10.4	3.2		2:13p	2.0	0.6
	9:00p	11.5	3.5						8:48p	10.9	3.3
10	2:17a	5.7	1.7	25	12:52a	6.2	1.9	10	12:20a	6.3	1.9
Sun	8:39a	15.1	4.6	Mon	7:32a	14.4	4.4	Tue	6:58a	13.8	4.2
	3:40p	1.5	0.5		2:43p	2.1	0.6		2:13p	2.0	0.6
	10:11p	12.0	3.7		9:11p	11.1	3.4		8:48p	10.9	3.3
11	3:27a	5.8	1.8	26	2:21a	6.2	1.9	11	12:20a	6.3	1.9
Mon	9:39a	15.3	4.7	Tue	8:46a	15.2	4.6	Tue	6:58a	13.8	4.2
	4:34p	0.7	0.2		3:48p	0.6	0.2		2:13p	2.0	0.6
	11:07p	12.8	3.9		10:18p	12.3	3.8		8:48p	10.9	3.3
12	4:26a	5.5	1.7	27	3:37a	5.4	1.6	12	12:20a	6.3	1.9
Tue	10:31a	15.7	4.8	Wed	9:52a	16.3	5.0	Fri	5:19a	1.2	0.4
	5:19p	0.1	0.0		4:42p	-1.0	-0.3		10:43a	14.1	4.3
	11:50p	13.5	4.1		11:10p	13.7	4.2		5:09p	0.8	0.2
13	5:13a	5.0	1.5	28	4:38a	4.1	1.3	13	11:30p	13.8	4.2
Wed	11:16a	16.0	4.9	Thu	10:49a	17.5	5.3	Sat	5:19a	2.7	0.8
	5:58p	-0.5	-0.2		5:29p	-2.5	-0.8		11:21a	14.7	4.5
					11:55p	15.2	4.6		5:39p	0.3	0.1
14	12:27a	14.1	4.3	29	5:31a	2.7	0.8	14	12:18p	18.3	5.6
Thu	5:54a	4.4	1.3	Fri	11:41a	18.5	5.6	Sun	6:32p	-3.2	-1.0
	11:56a	16.3	5.0		6:13p	-3.5	-1.1				
	6:32p	-0.8	-0.2								
15	1:00a	14.5	4.4	30	12:38a	16.4	5.0	15	12:11a	17.0	5.2
Fri	6:31a	3.9	1.2	Sat	6:20a	1.3	0.4	Mon	6:07a	-0.4	-0.1
	12:32p	16.4	5.0		12:30p	19.0	5.8		12:18p	18.3	5.6
	7:04p	-1.0	-0.3		6:55p	-3.9	-1.2		6:32p	-3.2	-1.0
				31	1:19a	17.4	5.3				
				Sun	7:07a	0.3	0.1				
					1:17p	19.0	5.8				
					7:36p	-3.7	-1.1				

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March 2010

April 2010

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1	12:50a	18.0	5.5	16	1:50a	15.9	4.8	1	2:36a	18.4	5.6
Mon	6:52a	-1.6	-0.5	Tue	7:54a	0.0	0.0	Thu	8:59a	-2.8	-0.9
	1:05p	18.3	5.6		2:02p	15.5	4.7		3:20p	15.8	4.8
	7:11p	-2.8	-0.9		8:01p	0.4	0.1		9:03p	1.0	0.3
2	1:29a	18.6	5.7	17	2:16a	16.2	4.9	2	3:14a	17.6	5.4
Tue	7:36a	-2.2	-0.7	Wed	8:26a	-0.4	-0.1	Fri	9:42a	-1.9	-0.6
	1:50p	17.7	5.4		2:27p	15.2	4.6		4:04p	14.6	4.5
	7:50p	-1.9	-0.6		8:25p	0.9	0.3		9:43p	2.4	0.7
3	2:07a	18.6	5.7	18	2:43a	16.3	5.0	3	3:53a	16.5	5.0
Wed	8:20a	-2.0	-0.6	Thu	8:58a	-0.5	-0.2	Sat	10:27a	-0.6	-0.2
	2:35p	16.6	5.1		3:10p	14.7	4.5		4:52p	13.2	4.0
	8:29p	-0.5	-0.2		8:56p	1.6	0.5		10:26p	3.8	1.2
4	2:45a	18.0	5.5	19	3:11a	16.2	4.9	4	4:35a	15.1	4.6
Thu	9:05a	-1.3	-0.4	Fri	9:33a	-0.3	-0.1	Sun	11:17a	0.8	0.2
	3:21p	15.1	4.6		3:46p	14.0	4.3		5:47p	11.9	3.6
	9:09p	1.2	0.4		9:27p	2.5	0.8		11:17p	5.1	1.6
5	3:25a	17.0	5.2	20	3:42a	15.9	4.8	5	5:24a	13.6	4.1
Fri	9:54a	-0.1	0.0	Sat	10:13a	0.2	0.1	Mon	12:18p	2.1	0.6
	4:11p	13.4	4.1		4:28p	13.0	4.0		6:57p	11.0	3.4
	9:52p	3.1	0.9		10:02p	3.5	1.1				
6	4:08a	15.6	4.8	21	4:19a	15.3	4.7	6	12:24a	6.1	1.9
Sat	10:49a	1.3	0.4	Sun	11:01a	0.8	0.2	Tue	6:29a	12.3	3.8
	5:10p	11.8	3.6		5:19p	11.9	3.6		1:34p	3.0	0.9
	10:42p	4.8	1.5		10:46p	4.5	1.4		8:22p	10.7	3.3
7	4:59a	14.2	4.3	22	5:06a	14.6	4.5	7	1:55a	6.4	2.0
Sun	11:58a	2.5	0.8	Mon	12:01p	1.5	0.5	Wed	7:53a	11.6	3.5
	6:30p	10.6	3.2		6:27p	11.0	3.4		2:54p	3.2	1.0
	11:50p	6.2	1.9		11:46p	5.5	1.7		9:38p	11.1	3.4
8	6:08a	12.9	3.9	23	6:11a	13.7	4.2	8	3:22a	5.8	1.8
Mon	1:24p	3.1	0.9	Tue	1:19p	1.9	0.6	Thu	9:17a	11.6	3.5
	8:10p	10.4	3.2		7:55p	10.8	3.3		3:58p	2.8	0.9
									10:31p	12.0	3.7
9	1:25a	6.7	2.0	24	1:15a	6.0	1.8	9	4:24a	4.6	1.4
Tue	7:37a	12.4	3.8	Wed	7:39a	13.3	4.1	Fri	10:22a	12.2	3.7
	2:48p	2.9	0.9		2:43p	1.6	0.5		4:46p	2.4	0.7
	9:30p	11.1	3.4		9:22p	11.6	3.5		11:10p	12.9	3.9
10	2:56a	6.2	1.9	25	2:56a	5.4	1.6	10	4:24a	4.6	1.4
Wed	8:59a	12.7	3.9	Thu	9:11a	13.7	4.2	Sat	10:22a	12.2	3.7
	3:49p	2.2	0.7		3:55p	0.7	0.2		4:46p	2.4	0.7
	10:22p	12.0	3.7		10:26p	13.0	4.0		11:10p	12.9	3.9
11	3:57a	5.1	1.6	26	4:15a	3.8	1.2	11	4:24a	4.6	1.4
Thu	9:58a	13.3	4.1	Fri	10:24a	14.7	4.5	Sun	10:22a	12.2	3.7
	4:34p	1.4	0.4		4:52p	-0.3	-0.1		4:46p	2.4	0.7
	10:59p	12.9	3.9		11:16p	14.6	4.5		11:10p	12.9	3.9
12	4:42a	3.9	1.2	27	5:14a	1.8	0.5	12	4:24a	4.6	1.4
Fri	10:43a	14.1	4.3	Sat	11:24a	15.8	4.8	Mon	10:22a	12.2	3.7
	5:09p	0.8	0.2		5:40p	-1.1	-0.3		4:46p	2.4	0.7
	11:30p	13.8	4.2						11:10p	12.9	3.9
13	5:19a	2.7	0.8	28	12:00a	16.1	4.9	13	4:24a	4.6	1.4
Sat	11:21a	14.7	4.5	Sun	6:05a	-0.2	-0.1	Tue	10:22a	12.2	3.7
	5:39p	0.3	0.1		12:17p	16.6	5.1		4:46p	2.4	0.7
	11:58p	14.6	4.5		6:24p	-1.6	-0.5		11:10p	12.9	3.9
14	6:52a	1.6	0.5	29	12:40a	17.4	5.3	14	1:10a	16.1	4.9
Sun	12:56p	15.2	4.6	Mon	6:50a	-1.8	-0.5	Wed	7:29a	-1.1	-0.3
	7:07p	0.1	0.0		1:05p	17.1	5.2		1:43p	14.8	4.5
					7:05p	-1.6					

May 2010

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1	2:48a 9:21a 3:51p 9:23p	16.9 -2.0 14.1 3.3	5.2 -0.6 4.3 1.0	16	2:27a 9:04a 3:32p 9:01p	16.9 -2.5 14.2 3.2	5.2 -0.8 4.3 1.0	17	3:10a 9:49a 4:19p 9:49p	16.5 -2.2 13.9 3.6	5.0 -0.7 4.2 1.1
2	3:28a 10:04a 4:36p 10:07p	15.9 -0.9 13.2 4.2	4.8 -0.3 4.0 1.3	18	3:58a 10:38a 5:11p 10:46p	15.8 -1.5 13.6 3.9	4.8 -0.5 4.1 1.2	19	4:53a 11:32a 6:08p 11:53p	14.8 -0.7 13.4 4.0	4.5 -0.2 4.1 1.2
3	4:09a 10:50a 5:25p 10:57p	14.7 0.3 12.3 5.0	4.5 0.1 3.8 1.5	20	5:58a 12:32p 7:09p	13.7 0.2 13.6	4.2 0.1 4.1	21	1:10a 7:13a 1:35p 8:11p	3.7 12.8 1.0 14.1	1.1 3.9 0.3 4.3
4	4:56a 11:41a 6:22p 11:58p	13.4 1.5 11.7 5.6	4.1 0.5 3.6 1.7	22	5:58a 12:32p 7:09p	13.7 0.2 13.6	4.2 0.1 4.1	23	1:10a 7:13a 1:35p 8:11p	3.7 12.8 1.0 14.1	1.1 3.9 0.3 4.3
5	5:52a 12:40p 7:26p	12.2 2.4 11.4	3.7 0.7 3.5	24	1:10a 7:13a 1:35p 8:11p	3.7 12.8 1.0 14.1	1.1 3.9 0.3 4.3	25	1:10a 7:13a 1:35p 8:11p	3.7 12.8 1.0 14.1	1.1 3.9 0.3 4.3
6	1:14a 7:02a 1:44p 8:29p	5.7 11.3 3.0 11.6	1.7 3.4 0.9 3.5	26	1:10a 7:13a 1:35p 8:11p	3.7 12.8 1.0 14.1	1.1 3.9 0.3 4.3	27	1:10a 7:13a 1:35p 8:11p	3.7 12.8 1.0 14.1	1.1 3.9 0.3 4.3
7	2:32a 8:20a 2:46p 9:24p	5.2 11.0 3.3 12.2	1.6 3.4 1.0 3.7	28	1:10a 7:13a 1:35p 8:11p	3.7 12.8 1.0 14.1	1.1 3.9 0.3 4.3	29	1:10a 7:13a 1:35p 8:11p	3.7 12.8 1.0 14.1	1.1 3.9 0.3 4.3
8	3:37a 9:31a 3:41p 10:09p	4.2 11.1 3.3 13.0	1.3 3.4 1.0 4.0	30	1:10a 7:13a 1:35p 8:11p	3.7 12.8 1.0 14.1	1.1 3.9 0.3 4.3	31	1:10a 7:13a 1:35p 8:11p	3.7 12.8 1.0 14.1	1.1 3.9 0.3 4.3
9	4:29a 10:30a 4:27p 10:47p	2.9 11.7 3.2 13.9	0.9 3.6 1.0 4.2								
10	5:12a 11:19a 5:08p 11:23p	1.6 12.3 3.1 14.7	0.5 3.8 0.9 4.5								
11	5:51a 12:03p 5:46p 11:58p	0.4 13.0 3.0 15.5	0.1 4.0 0.9 4.7								
12	6:28a 12:45p 6:23p	-0.7 13.6 2.9	-0.2 4.1 0.9								
13	7:05a 1:26p 7:00p	16.2 -1.6 14.1	4.9 -0.5 4.3								
14	1:09a 7:43a 2:06p 7:38p	16.7 -2.3 14.3 2.9	5.1 -0.7 4.4 0.9								
15	1:47a 8:22a 2:48p 8:18p	16.9 -2.6 14.3 3.0	5.2 -0.8 4.4 0.9								

KETCHIKAN

June 2010

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1	3:48a 10:23a 4:58p 10:35p	14.6 -0.2 13.0 4.4	4.5 -0.1 4.0 1.3	16	3:48a 10:23a 4:58p 10:35p	14.6 -0.2 13.0 4.4	4.5 -0.1 4.0 1.3	17	4:30a 11:04a 5:42p 11:27p	13.6 0.8 12.6 4.7	4.1 0.2 3.8 1.4
2	4:30a 11:04a 5:42p 11:27p	13.6 0.8 12.6 4.7	4.1 0.2 3.8 1.4	18	5:17a 11:48a 6:29p	12.5 1.7 12.4	3.8 0.5 3.8	19	12:26a 6:13a 12:35p 7:19p	4.8 11.5 2.6 12.4	1.5 3.5 0.8 3.8
3	5:17a 11:48a 6:29p	12.5 1.7 12.4	3.8 0.5 3.8	20	1:33a 7:18a 1:27p 8:10p	4.5 10.7 3.4 12.6	1.4 3.3 1.0 3.8	21	2:39a 8:31a 2:24p 9:01p	3.9 10.4 4.0 13.1	1.2 3.2 1.2 4.0
4	12:26a 6:13a 12:35p 7:19p	4.8 11.5 2.6 12.4	1.5 3.5 0.8 3.8	22	3:39a 9:41a 3:21p 9:48p	2.9 10.7 4.3 13.8	0.9 3.3 1.3 4.2	23	5:18a 11:46a 5:09p 11:20p	-0.6 12.5 4.0 15.9	-0.2 3.8 1.2 4.8
5	1:33a 7:18a 1:27p 8:10p	4.5 10.7 3.4 12.6	1.4 3.3 1.0 3.8	24	6:08a 12:38p 6:02p	-1.3 13.1 3.8	-0.4 4.0 1.2	25	6:08a 12:38p 6:02p	-1.3 13.1 3.8	-0.4 4.0 1.2
6	2:39a 8:31a 2:24p 9:01p	3.9 10.4 4.0 13.1	1.2 3.2 1.2 4.0	26	12:08a 6:52a 1:23p 6:48p	16.1 -1.8 13.6 3.6	4.9 -0.5 4.1 1.1	27	1:34a 8:10a 2:41p 8:11p	16.2 -2.0 14.0 3.2	4.9 -0.6 4.3 1.0
7	3:39a 9:41a 3:21p 9:48p	2.9 10.7 4.3 13.8	0.9 3.3 1.3 4.2	28	2:13a 8:46a 3:16p 8:50p	15.9 -1.7 14.0 3.1	4.8 -0.5 4.3 0.9	29	2:50a 9:20a 3:50p 9:28p	15.4 -1.3 13.9 3.1	4.7 -0.4 4.2 0.9
8	4:32a 10:43a 4:15p 10:34p	1.7 11.2 4.4 14.6	0.5 3.4 1.3 4.5	30	3:27a 9:53a 4:24p 10:48p	14.7 -0.6 13.7 3.3	4.5 -0.2 4.2 1.0				
9	5:19a 11:36a 5:05p 11:18p	0.4 12.0 4.2 15.4	0.1 3.7 1.3 4.7								
10	6:02a 12:25p 5:52p	-0.8 12.8 3.9	-0.2 3.9 1.2								
11	12:02a 6:45a 1:10p 6:37p	16.2 -1.9 13.5 3.5	4.9 -0.6 4.1 1.1								
12	12:46a 7:27a 1:54p 7:22p	16.8 -2.8 14.1 3.1	5.1 -0.9 4.3 0.9								
13	1:30a 7:44a 2:14p 7:44p	17.3 -3.3 14.4 2.7	5.3 -1.0 4.5 0.8								
14	2:16a 8:52a 3:21p 8:55p	17.4 -3.5 14.9 2.5	5.3 -1.1 4.5 0.8								
15	3:03a 9:37a 4:06p 9:45p	17.1 -3.2 15.0 2.4	5.2 -1.0 4.6 0.7								
16	3:08a 9:44a 4:17p 9:49p	15.5 -1.1 13.5 4.0	4.7 -0.3 4.1 1.2								

July 2010

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1	4:04a 10:26a 4:58p 10:51p	13.9 0.3 13.5 3.5	4.2 0.1 4.1 1.1	16	4:33a 10:44a 5:10p 11:22p	15.5 -1.3 16.3 0.7	4.7 -0.4 5.0 0.2	17	5:29a 11:31a 5:58p	13.9 0.4 15.8	4.2 0.1 4.8
2	4:44a 10:59a 5:34p 11:39p	12.9 1.3 13.3 3.6	3.9 0.4 4.1 1.1	18	12:24a 6:33a 12:24p 6:53p	1.1 12.4 2.1 15.2	0.3 3.8 0.6 4.6	19	1:35a 7:50a 1:26p 7:55p	1.4 11.2 3.7 14.7	0.4 3.4 1.1 4.5
3	5:30a 11:36a 6:13p	11.8 2.3 13.2	3.6 0.7 4.0	20	2:52a 9:17a 2:39p 9:03p	1.3 10.8 4.7 14.4	0.4 3.3 1.4 4.4	21	4:05a 10:37a 3:55p 10:10p	0.9 11.2 5.0 14.5	0.3 3.4 1.5 4.4
4	12:34a 6:24a 12:18p 6:59p	3.7 10.9 3.4 13.1	1.1 3.3 1.0 4.0	22	5:07a 11:40a 5:00p 11:09p	0.2 11.9 4.8 14.9	0.1 3.6 1.5 4.5	23	6:06a 12:30p 6:07p	-2.0 13.9 2.4	-0.6 4.2 0.7
5	1:37a 7:32a 1:10p 7:52p	3.5 10.2 4.4 13.2	3.1 3.1 1.3 4.0	24	6:40a 1:09p 6:39p	-1.0 13.3 3.5	-0.3 4.1 1.1	25	12:42a 7:17a 1:45p 7:18p	15.6 -1.4 13.8 2.9	4.8 -0.4 4.2 0.9
6	2:46a 8:51a 2:15p 8:51p	2.9 10.0 5.1 13.5	0.9 3.1 1.6 4.1	26	1:21a 7:50a 2:17p 7:54p	15.7 -1.6 14.2 2.4	4.8 -0.5 4.3 0.7	27	1:56a 8:21a 2:47p 8:29p	15.7 -1.5 14.4 2.0	4.8 -0.5 4.4 0.6
7	3:51a 10:08a 3:25p 9:51p	2.0 10.4 5.3 14.2	0.6 3.2 1.6 4.3	28	2:06a 8:35a 3:01p 8:44p	17.9 -1.9 16.0 0.8	5.5 -1.3 4.9 0.2	29	3:04a 9:19a 3:42p 9:33p	14.9 -0.5 14.5 1.9	4.5 -0.2 4.4 0.6
8	4:49a 11:12a 4:31p 10:47p	0.7 11.3 5.0 15.1	0.2 3.4 1.5 4.6	30	3:38a 9:47a 4:12p 10:14p	14.2 0.3 14.4 2.0	4.3 0.1 4.4 0.6	31	4:14a 10:16a 4:42p 10:54p	13.3 1.3 14.1 2.3	4.1 0.4 4.3 0.7

August 2010

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1	4:54a 10:47a 5:16p 11:42p	12.2 2.5 13.8 2.7	3.7 0.8 4.2 0.8	16	6:11a 11:51a 6:14p	12.2 3.2 14.9	3.7 1.0 4.5	17	1:04a 7:29a 12:57p 7:21p	1.4 11.0 4.8 13.9	0.4 3.4 1.5 4.2
2	5:42a 11:24a 5:57p	11.2 3.6 13.5	3.4 1.1 4.1	18	2:27a 9:03a 2:21p 8:41p	1.9 10.6 5.7 13.3	0.6 3.2 1.7 4.1	19	3:48a 10:26a 3:48p 9:58p	1.7 11.1 5.6 13.5	0.5 3.4 1.7 4.1
3	12:41a 6:45a 12:12p 6:51p	3.0 10.2 4.8 13.2	0.9 3.1 1.5 4.0	20	4:53a 11:26a 4:55p 10:59p	1.1 11.9 4.8 14.0	0.3 3.1 1.5 4.3	21	5:41a 12:09p 5:44p 11:48p	0.3 12.8 3.8 14.6	0.1 3.9 1.2 4.5
4	1:54a 8:09a 1:21p 8:01p	2.9 9.7 5.7 13.2	0.9 3.0 1.7 4.0	22	6:20a 12:50p 6:53a 1:15p 7:00p	15.1 -0.7 14.2 2.0	4.6 -0.2 4.3 0.6	23	1:03a 7:23a 1:43p 7:32p	15.4 -0.8 14.7 1.3	4.7 -0.2 4.5 0.4
5	3:13a 9:40a 2:49p 9:18p	2.2 10.1 5.9 13.7	0.7 3.1 1.8 4.2	24	12:17a 6:49a 1:12p 6:55p	17.1 -3.2 15.3 0.9	5.2 -1.0 4.7 0.3	25	1:37a 7:50a 2:10p 8:04p	15.5 -0.8 15.1 0.8	4.7 -0.2 4.6 0.2
6	4:22a 10:51a 4:10p 10:26p	0.9 11.1 5.2 14.8	0.3 3.4 1.6 4.5	26	2:09a 8:17a 2:36p 8:35p	15.4 -0.4 15.3 0.5	4.7 -0.1 4.7 0.2	27	2:41a 8:43a 3:01p 9:07p	15.0 0.2 15.3 0.5	4.6 0.1 4.7 0.2
7	5:18a 11:45a 5:14p 11:25p	-0.6 12.5 3.9 16.0	-0.2 3.8 1.2 4.9	28	3:14a 9:10a 3:28p 9:41p	14.4 1.0 15.2 0.7	4.4 0.3 4.6 0.2	29	3:48a 9:37a 3:56p 10:18p	13.6 1.9 14.8 1.2	4.1 0.6 4.5 0.4
8	6:06a 12:30p 6:07p	-2.0 13.9 2.4	-0.6 4.2 0.7	30	4:26a 10:08a 4:28p 11:01p	12.6 3.0 14.4 1.8	3.8 0.9 4.4 0.5	31	5:12a 10:45a 5:08p 11:58p	11.5 4.2 13.8 2.4	3.5 1.3 4.2 1.0

KETCHIKAN

September 2010

October

November 2010

December

KETCHIKAN

KETCHIKAN

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M				
1 Wed	6:14a 11:35a 6:05p	10.5 5.3 13.2	3.2 1.6 4.0	16 Thu	1:55a 8:41a 2:08p 8:16p	2.4 10.9 6.2 12.4	0.7 3.3 1.9 3.8	1 Fri	12:44a 7:24a 12:44p 7:04p	2.2 10.9 6.3 12.8	0.7 3.3 1.9 3.9	16 Sat	2:30a 9:16a 3:08p 9:02p	3.1 11.9 5.7 11.9	0.9 3.6 1.7 3.6
2 Thu	1:14a 7:41a 12:51p 7:26p	2.6 10.0 6.1 12.9	0.8 3.1 1.9 3.9	17 Fri	3:19a 10:02a 3:37p 9:39p	2.5 11.4 5.7 12.6	0.8 3.5 1.7 3.8	2 Sat	2:07a 8:49a 2:26p 8:38p	2.0 11.5 5.7 13.1	0.6 3.5 1.7 4.0	17 Sun	3:36a 10:10a 4:11p 10:08p	3.0 12.7 4.5 12.3	0.9 3.9 1.4 3.8
3 Fri	2:40a 9:16a 2:33p 8:56p	2.2 10.5 6.0 13.3	0.7 3.2 1.8 4.1	18 Sat	4:24a 10:56a 4:40p 10:41p	2.0 12.3 4.6 13.2	0.6 3.8 1.4 4.0	3 Sun	3:21a 9:54a 3:46p 9:54p	1.3 12.8 4.1 14.1	0.4 3.9 1.3 4.3	18 Mon	4:26a 10:50a 4:57p 10:58p	2.7 13.6 3.2 13.0	0.8 4.1 1.0 4.0
4 Sat	3:54a 10:26a 3:58p 10:11p	1.1 11.7 4.9 14.4	0.3 3.6 1.5 4.4	19 Sun	5:11a 11:36a 5:25p 11:28p	1.4 13.2 3.3 13.9	0.4 4.0 1.0 4.2	4 Mon	4:20a 10:45a 4:46p 10:56p	0.4 14.5 2.0 15.3	0.1 4.4 0.6 4.7	19 Tue	5:05a 11:24a 5:34p 11:40p	2.4 14.4 1.9 13.6	0.7 4.4 0.6 4.1
5 Sun	4:52a 11:18a 5:01p 11:11p	-0.3 13.3 3.1 15.8	-0.1 4.1 0.9 4.8	20 Mon	5:48a 12:08p 6:03p	0.9 14.0 2.2	0.3 4.3 0.7	5 Tue	5:10a 11:29a 5:37p 11:49p	-0.5 16.1 0.0 16.3	-0.2 4.9 0.0 5.0	20 Wed	5:39a 11:53a 6:09p	2.2 15.2 0.8	0.7 4.6 0.2
6 Mon	5:40a 12:01p 5:53p	-1.6 14.9 1.1	-0.5 4.5 0.3	21 Tue	12:07a 6:20a 12:37p 6:36p	14.5 0.5 14.7 1.1	4.4 0.2 4.5 0.3	6 Wed	5:54a 12:10p 6:23p	-1.0 17.5 -1.8	-0.3 5.3 -0.5	21 Thu	12:18a 6:11a 12:22p 6:41p	14.2 2.2 15.9 -0.1	4.3 0.7 4.8 0.0
7 Tue	12:04a 6:23a 12:42p 6:40p	16.9 -2.5 16.4 -0.7	5.2 -0.8 5.0 -0.2	22 Wed	12:42a 6:49a 1:04p 7:07p	14.9 0.4 15.3 0.3	4.5 0.1 4.7 0.1	7 Thu	12:39a 6:37a 12:49p 7:07p	17.0 -1.1 18.5 -3.0	5.2 -0.3 5.6 -0.9	22 Fri	12:53a 6:41a 12:51p 7:13p	14.6 2.2 16.4 -0.8	4.5 0.7 5.0 -0.2
8 Wed	12:53a 7:04a 1:21p 7:25p	17.7 -2.9 17.6 -2.0	5.4 -0.9 5.4 -0.6	23 Thu	1:15a 7:16a 1:30p 7:38p	15.1 0.5 15.8 -0.3	4.6 0.2 4.8 -0.1	8 Fri	1:26a 7:18a 1:29p 7:51p	17.2 -0.7 19.0 -3.6	5.2 -0.2 5.8 -1.1	23 Sat	1:28a 7:11a 1:20p 7:45p	14.8 2.5 16.7 -1.2	4.5 0.8 5.1 -0.4
9 Thu	1:40a 7:44a 2:00p 8:09p	17.9 -2.7 18.4 -2.8	5.5 -0.8 5.6 -0.9	24 Fri	1:48a 7:43a 1:56p 8:08p	15.2 0.9 16.0 -0.6	4.6 0.3 4.9 -0.2	9 Sat	2:12a 7:58a 2:09p 8:34p	17.0 0.0 18.9 -3.4	5.2 0.0 5.8 -1.0	24 Sun	2:03a 7:41a 1:50p 8:19p	14.8 2.8 16.7 -1.2	4.5 0.9 5.1 -0.4
10 Fri	2:26a 8:24a 2:39p 8:54p	17.6 -1.9 18.6 -2.9	5.4 -0.6 5.7 -0.9	25 Sat	2:20a 8:10a 2:22p 8:40p	15.0 1.4 16.1 -0.6	4.6 0.4 4.9 -0.2	10 Sun	2:58a 8:40a 2:49p 9:19p	16.3 1.1 18.3 -2.6	5.0 0.3 5.6 -0.8	25 Mon	2:40a 8:13a 2:21p 8:55p	14.6 3.3 16.6 -1.0	4.5 1.0 5.1 -0.3
11 Sat	3:12a 9:05a 3:19p 9:40p	16.7 -0.7 18.2 -2.3	5.1 -0.2 5.6 -0.7	26 Sun	2:54a 8:38a 2:50p 9:13p	14.5 2.1 15.9 -0.3	4.4 0.6 4.8 -0.1	11 Mon	3:45a 9:22a 3:31p 10:05p	15.2 2.4 17.2 -1.3	4.6 0.7 5.2 -0.4	26 Tue	3:19a 8:48a 2:56p 9:35p	14.1 3.9 16.2 -0.6	4.3 1.2 4.7 -0.2
12 Sun	4:00a 9:46a 4:00p 10:29p	15.4 0.9 17.2 -1.2	4.7 0.3 5.2 -0.4	27 Mon	3:29a 9:07a 3:19p 9:51p	13.8 2.9 15.5 0.2	4.2 0.9 4.7 0.1	12 Tue	4:35a 10:08a 4:15p 10:57p	14.0 3.8 15.7 0.2	4.3 1.2 4.8 0.1	27 Wed	4:01a 9:27a 3:36p 10:21p	13.5 4.5 15.6 0.1	4.1 1.4 4.8 0.0
13 Mon	4:51a 10:31a 4:45p 11:25p	13.8 2.7 15.9 0.2	4.2 0.8 4.8 0.1	28 Tue	4:09a 9:41a 3:54p 10:35p	12.9 3.9 14.9 0.9	3.9 1.2 4.5 0.3	13 Wed	5:31a 11:02a 5:07p 11:58p	12.7 5.1 14.1 1.7	3.9 1.6 4.3 0.5	28 Thu	4:51a 10:15a 4:24p 11:15p	12.9 5.2 14.7 0.8	3.9 1.6 4.5 0.2
14 Tue	5:51a 11:24a 5:39p	12.3 4.3 14.4	3.8 1.3 4.4	29 Wed	4:57a 10:22a 4:38p 11:31p	12.0 4.9 14.2 1.7	3.7 1.5 4.3 0.5	14 Thu	6:41a 12:12p 6:13p	11.8 6.1 12.7	3.6 1.9 3.9	29 Fri	5:51a 11:18a 5:27p	12.4 5.7 13.7	3.8 1.7 4.2
15 Wed	12:32a 7:08a 12:34p 6:48p	1.6 11.1 5.7 13.1	0.5 3.4 1.7 4.0	30 Thu	6:00a 11:19a 5:38p	11.1 5.8 13.4	3.4 1.8 4.1	15 Fri	1:12a 8:02a 1:43p 7:38p	2.7 11.5 6.3 11.9	0.8 3.5 1.9 3.6	30 Sat	12:20a 7:02a 12:42p 6:48p	1.5 12.4 5.8 13.0	0.5 3.8 1.8 4.0
												31 Sun	1:32a 8:14a 2:12p 8:17p	1.8 13.1 4.9 12.9	0.5 4.0 1.5 3.9

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1 Mon	2:42a 9:16a 3:28p 9:35p	1.8 14.2 3.3 13.5	0.5 4.3 1.0 4.1	16 Tue	2:22a 8:52a 3:18p 9:19p	4.1 13.7 3.4 11.9	1.3 4.2 1.0 3.6	1 Wed	2:04a 8:31a 3:10p 9:26p	3.0 16.2 1.9 13.3	0.9 4.3 0.3 4.1	16 Thu	2:02a 8:32a 3:22p 9:34p	5.6 14.2 2.8 11.4	1.7 4.3 4.3 3.5
2 Tue	3:43a 10:08a 4:29p 10:40p	1.5 15.6 1.3 14.4	0.5 4.8 0.4 4.4	17 Wed	3:11a 9:32a 4:01p 10:09p	4.2 14.5 1.1 12.6	1.3 4.4 0.6 3.8	2 Thu	3:05a 9:24a 4:05p 10:27p	3.2 17.1 -0.5 14.1	1.0 5.2 -0.2 4.3	17 Fri	3:00a 9:20a 4:09p 10:29p	5.7 14.9 1.6 12.2	1.7 4.5 4.5 3.7
3 Wed	4:37a 10:55a 5:20p 11:36p	1.3 17.0 -0.6 15.3	0.4 5.2 -0.2 4.7	18 Thu	3:53a 10:07a 4:39p 10:53p	4.1 15.3 1.0 13.3	1.3 4.7 0.3 4.1	3 Fri	4:00a 10:13a 4:55p 11:21p	3.3 17.8 -1.6 14.8	1.0 5.4 -0.5 4.5	18 Sat	3:52a 10:05a 4:52p 11:15p	5.5 15.7 0.4 13.1	1.7 4.8 0.1 4.0
4 Thu	5:25a 11:39a 6:07p	1.2 18.1 -2.1	0.4 5.5 -0.6	19 Fri	4:31a 10:42a 5:15p 11:33p	4.0 16.0 0.0 13.9	1.2 4.9 0.0 4.2	4 Sat	4:51a 11:00a 5:41p	3.3 18.2 -2.3	1.0 5.6 -0.7	19 Sun	4:39a 10:48a 5:32p 11:58p	5.2 16.5 -0.7 13.9	1.6 5.0 -0.2 4.2
5 Fri	12:27a 6:11a 12:21p 6:52p	15.9 1.2 18.8 -3.1	4.8 0.4 5.7 -0.9	20 Sat	5:08a 11:16a 5:51p	3.9 16.6 -0.9	1.2 5.1 -0.3	5 Sun	12:09a 5:39a 11:45a 6:24p	15.3 3.3 18.4 -2.6	4.7 1.0 5.6 -0.8	20 Mon	5:23a 11:30a 6:12p	4.6 17.2 -1.7	1.4 5.2 -0.5
6 Sat	1:15a 6:55a 1:03p 7:35p	16.2 1.5 19.0 -3.4	4.9 0.5 5.8 -1.0	21 Sun	12:12a 5:44a 11:51a 6:27p	14.4 3.9 17.0 -1.4	4.4 1.2 5.2 -0.4	6 Mon	12:55a 6:24a 12:28p 7:06p	15.5 3.3 18.2 -2.5	4.7 1.0 5.6 -0.8	21 Tue	12:39a 6:05a 12:13p 6:51p	14.6 4.1 17.7 -2.3	4.5 1.3 5.4 -0.7
7 Sun	1:01a 6:37a 12:44p 7:18p	16.2 2.0 18.8 -1.1	4.9 0.6 5.7 -0.9	22 Mon	12:51a 6:20a 12:27p 7:04p	14.6 3.9 17.3 -1.8	4.5 1.2 5.3 -0.5	7 Tue	1:37a 7:07a 1:10p 7:46p	15.5 3.5 17.7 -2.0	4.7 1.1 5.4 -0.6	22 Wed	1:19a 6:48a 12:55p 7:31p	15.2 3.6 17.9 -2.9	4.6 1.1 5.5 -0.8
8 Mon	1:47a 7:20a 1:26p 8:01p	15.8 2.7 18.1 -2.3	4.8 0.8 5.5 -0.7	23 Tue	1:30a 6:58a 1:05p 7:43p	14.7 3.9 17.3 -1.8	4.5 1.2 5.3 -0.5	8 Wed	2:19a 7:50a 1:51p 8:26p	15.2 3.8 16.9 -1.2	4.6 1.2 5.2 -0.4	23 Thu	1:59a 7:32a 1:39p 8:11p	15.6 3.2 17.8 -2.5	4.8 1.0 5.4 -0.8
9 Tue	2:32a 8:04a 2:08p 8:45p	15.1 3.5 17.0 -1.2	4.6 1.1 5.2 -0.4	24 Wed	2:11a 7:38a 1:45p 8:24p	14.7 4.1 17.0 -1.5	4.5 1.3 5.2 -0.5	9 Thu	2:59a 8:33a 2:32p 9:05p	14.8 4.2 15.9 -0.2	4.5 1.3 4.8 -0.1	24 Fri	2:40a 8:18a 2:24p 8:53p	15.8 3.0 17.2 -2.0	4.8 0.9 5.2 -0.6
10 Wed	3:19a 8:50a 2:52p 9:32p	14.3 4.4 15.7 0.1	4.4 1.3 4.8 0.0	25 Thu	2:55a 8:23a 2:29p 9:09p	14.5 4.3 16.4 -1.0	4.4 1.3 5.0 -0.3	10 Fri	3:40a 9:19a 3:14p 9:45p	14.3 4.6 14.7 0.9	4.4 1.4 4.5 0.3	25 Sat	3:23a 9:09a 3:13p 9:37p	16.0 2.9 16.2 -1.0	4.9 0.9 4.9 -0.3
11 Thu	4:09a 9:42a 3:40p 10:22p	13.4 5.3 14.3 1.4	4.1 1.6 4.4 0.4	26 Fri	3:42a 9:15a 3:20p 9:58p	14.3 4.6 15.4 -0.2	4.4 1.4 4.7 -0.1	11 Sat	4:22a 10:09a 4:00p 10:26p	13.8 5.0 13.4 2.1	4.2 1.5 4.1 0.6	26 Sun	4:08a 10:05a 4:08p 10:25p	16.0 2.9 14.9 0.4	4.9 0.9 4.5 0.1
12 Fri	5:05a 10:44a 4:36p 11:19p	12.8 5.9 12.9 2.6	3.9 1.8 3.9 0.8	27 Sat	4:34a 10:17a 4:19p 10:53p	14.1 4.3 14.3 0.8	4.3 1.4 4.4 0.2	12 Sun	5:07a 11:07a 4:52p 11:11p	13.5 5.3 12.2 3.3	4.1 1.6 3.7 1.0	27 Mon	4:57a 11:10a 5:12p 11:17p	15.9 2.9 13.5 1.9	4.8 0.9 4.1 0.6
13 Sat	6:07a 12:00p 5:45p	12.4 6.1 11.8	3.8 1.9 3.6	28 Sun	5:32a 10:30a 5:31p 11:54p	14.2 4.6 13.3 1.7	3.8 1.4 4.1 0.5	13 Mon	5:56a 12:13p 5:56p	13.3 5.2 11.2	4.1 1.6 3.4	28 Tue	5:51a 12:22p 6:28p	15.8 2.7 12.4	4.8 0.8 3.8
14 Sun	12:22a 7:10a 1:18p 7:04p	3.4 12.5 5.6 11.3	1.0 3.8 1.7 3.4	29 Mon	6:33a 12:50p 6:53p	14.6 3.8 12.7	4.5 1.2 3.9	14 Tue	12:02a 6:48a 1:23p 7:12p	4.3 13.4 4.7 10.8	1.3 4.1 1.4 3.3	29 Wed	12:18a 6:52a 1:38p 7:54p	3.3 15.8 2.1 11.9	1.0 4.8 0.6 3.6
15 Mon	1:25a 8:06a 2:25p 8:18p	3.9 13.0 4.6 11.4	1.2 4.0 1.4 3.5	30 Tue	12:59a 7:34a 2:05p 8:14p	2.5 15.3 2.6 12.8	0.8 4.7 0.8 3.9	15 Wed	1:00a 7:41a 2:27p 8:29p	5.1 13.7 3.9 10.9	1.6 4.2 1.2 3.3	30 Thu	1:27a 7:55a 2:51p 9:15p	4.4 16.0 1.2 12.2	1.3 4.9 0.4 3.7
												31 Fri	2:38a 8:58a 3:54p 10:23p	4.9 16.3 5.0 13.0	1.5 5.0 0.1 4.0