



# Ketchikan

Washington, USA  
55°22.00'N 131°37.30'W

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

For use with *Ports and Passes, 2012*.  
For detailed instructions on reading these tables,  
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[www.portsandpasses.com](http://www.portsandpasses.com)



# January 2012 February

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1 Sun	5:59a	14.0	4.3	16 Mon	5:29a	15.8	4.8	1 Wed	12:01a	6.1	1.9	16 Thu	12:58a	5.3	1.6
	12:32p	4.3	1.3		12:05p	2.4	0.7		6:45a	13.1	4.0		7:23a	14.7	4.5
	6:24p	11.0	3.4		6:16p	12.0	3.7		1:55p	3.9	1.2		2:26p	1.5	0.5
				☉				8:12p	10.0	3.1		9:02p	11.9	3.6	
2 Mon	12:12a	5.0	1.5	17 Tue	12:00a	3.8	1.2	2 Thu	1:24a	6.8	2.1	17 Fri	2:27a	5.3	1.6
	6:54a	13.7	4.2		6:32a	15.6	4.8		7:59a	13.2	4.0		8:44a	14.9	4.5
	1:43p	4.0	1.2		1:24p	2.1	0.6		3:06p	3.1	0.9		3:38p	0.7	0.2
	7:44p	10.5	3.2	7:45p	11.7	3.6	9:32p	10.7	3.3	10:10p	12.9	3.9			
3 Tue	1:16a	5.8	1.8	18 Wed	1:15a	4.8	1.5	3 Fri	2:48a	6.6	2.0	18 Sat	3:43a	4.4	1.3
	7:53a	13.8	4.2		7:43a	15.7	4.8		9:06a	13.8	4.2		9:53a	15.5	4.7
	2:49p	3.4	1.0		2:42p	1.3	0.4		4:01p	1.9	0.6		4:34p	-0.3	-0.1
	9:02p	10.8	3.3	9:11p	12.2	3.7	10:27p	11.7	3.6	11:02p	14.1	4.3			
4 Wed	2:25a	6.2	1.9	19 Thu	2:34a	5.0	1.5	4 Sat	3:52a	5.8	1.8	19 Sun	4:41a	3.3	1.0
	8:51a	14.2	4.3		8:54a	16.1	4.9		10:02a	14.6	4.5		10:48a	16.2	4.9
	3:44p	2.4	0.7		3:49p	0.1	0.0		4:46p	0.7	0.2		5:19p	-1.1	-0.3
	10:05p	11.5	3.5	10:20p	13.2	4.0	11:10p	12.9	3.9	11:45p	15.1	4.6			
5 Thu	3:27a	6.1	1.9	20 Fri	3:46a	4.5	1.4	5 Sun	4:41a	4.7	1.4	20 Mon	5:29a	2.1	0.6
	9:42a	14.8	4.5		9:58a	16.8	5.1		10:49a	15.6	4.8		11:36a	16.7	5.1
	4:31p	1.4	0.4		4:45p	-1.0	-0.3		5:24p	-0.5	-0.2		5:59p	-1.5	-0.5
	10:54p	12.4	3.8	11:15p	14.3	4.4	11:47p	14.0	4.3						
6 Fri	4:18a	5.6	1.7	21 Sat	4:45a	3.7	1.1	6 Mon	5:24a	3.5	1.1	21 Tue	12:22a	15.9	4.8
	10:28a	15.5	4.7		10:54a	17.4	5.3		11:31a	16.5	5.0		6:10a	1.2	0.4
	5:11p	0.3	0.1		5:33p	-1.9	-0.6		6:00p	-1.5	-0.5		12:17p	16.9	5.2
	11:35p	13.2	4.0							6:34p	-1.6	-0.5			
7 Sat	5:02a	4.9	1.5	22 Sun	12:02a	15.3	4.7	7 Tue	12:22a	15.2	4.6	22 Wed	12:56a	16.4	5.0
	11:10a	16.2	4.9		5:37a	2.8	0.9		6:04a	2.3	0.7		6:48a	0.5	0.2
	5:48p	-0.6	-0.2		11:44a	17.9	5.5		12:12p	17.2	5.2		12:55p	16.8	5.1
			☉	6:16p	-2.4	-0.7	6:16p	-2.1	-0.6	7:07p	-1.3	-0.4			
8 Sun	12:12a	14.1	4.3	23 Mon	12:43a	16.0	4.9	8 Wed	12:56a	16.1	4.9	23 Thu	1:27a	16.6	5.1
	5:43a	4.2	1.3		6:23a	2.0	0.6		6:43a	1.2	0.4		7:24a	0.2	0.1
	11:49a	16.8	5.1		12:29p	18.0	5.5		12:52p	17.6	5.4		1:31p	16.4	5.0
	6:23p	-1.4	-0.4	6:55p	-2.5	-0.8	7:09p	-2.4	-0.7	7:38p	-0.7	-0.2			
9 Mon	12:48a	14.8	4.5	24 Tue	1:22a	16.5	5.0	9 Thu	1:30a	16.9	5.2	24 Fri	1:57a	16.5	5.0
	6:21a	3.6	1.1		7:05a	1.5	0.5		7:23a	0.4	0.1		7:59a	0.2	0.1
	12:28p	17.2	5.2		1:10p	17.7	5.4		1:33p	17.5	5.3		2:06p	15.7	4.8
	6:58p	-1.9	-0.6	7:32p	-2.2	-0.7	7:45p	-2.2	-0.7	8:07p	0.2	0.1			
10 Tue	1:23a	15.4	4.7	25 Wed	1:58a	16.6	5.1	10 Fri	2:05a	17.4	5.3	25 Sat	2:26a	16.2	4.9
	6:59a	3.0	0.9		7:46a	1.4	0.4		8:04a	-0.1	0.0		8:34a	0.5	0.2
	1:06p	17.3	5.3		1:50p	17.0	5.2		2:15p	17.0	5.2		2:40p	14.8	4.5
	7:33p	-2.1	-0.6	8:07p	-1.5	-0.5	8:22p	-1.5	-0.5	8:36p	1.3	0.4			
11 Wed	1:58a	15.9	4.8	26 Thu	2:32a	16.4	5.0	11 Sat	2:42a	17.6	5.4	26 Sun	2:55a	15.7	4.8
	7:39a	2.5	0.8		8:26a	1.5	0.5		8:49a	-0.2	-0.1		9:10a	1.1	0.3
	1:45p	17.1	5.2		2:28p	16.1	4.9		3:00p	16.0	4.9		3:16p	13.7	4.2
	8:08p	-1.9	-0.6	8:40p	-0.4	-0.1	9:01p	-0.3	-0.1	9:06p	2.5	0.8			
12 Thu	2:33a	16.2	4.9	27 Fri	3:06a	16.1	4.9	12 Sun	3:22a	17.4	5.3	27 Mon	3:26a	15.0	4.6
	8:20a	2.2	0.7		9:06a	1.9	0.6		9:38a	0.1	0.0		9:49a	1.9	0.6
	2:26p	16.6	5.1		3:06p	14.9	4.5		3:49p	14.7	4.5		3:55p	12.5	3.8
	8:45p	-1.3	-0.4	9:12p	0.9	0.3	9:44p	1.2	0.4	9:37p	3.7	1.1			
13 Fri	3:11a	16.4	5.0	28 Sat	3:39a	15.5	4.7	13 Mon	4:06a	16.8	5.1	28 Tue	4:00a	14.2	4.3
	9:06a	2.1	0.6		9:47a	2.4	0.7		10:33a	0.8	0.2		10:36a	2.8	0.9
	3:11p	15.7	4.8		3:45p	13.6	4.1		4:47p	13.2	4.0		4:42p	11.3	3.4
	9:24p	-0.3	-0.1	9:45p	2.3	0.7	10:34p	2.8	0.9	10:15p	4.9	1.5			
14 Sat	3:51a	16.3	5.0	29 Sun	4:14a	14.8	4.5	14 Tue	4:58a	16.0	4.9	29 Wed	4:43a	13.4	4.1
	9:56a	2.2	0.7		10:33a	3.1	0.9		11:41a	1.5	0.5		11:35a	3.5	1.1
	4:01p	14.4	4.4		4:30p	12.2	3.7		6:00p	11.9	3.6		5:46p	10.3	3.1
	10:08p	1.0	0.3	10:21p	3.7	1.1	11:36p	4.3	1.3	11:07p	6.0	1.8			
15 Sun	4:37a	16.1	4.9	30 Mon	4:53a	14.1	4.3	15 Wed	6:03a	15.2	4.6				
	10:56a	2.3	0.7		11:28a	3.7	1.1		1:02p	1.8	0.5				
	5:01p	13.1	4.0		5:24p	11.0	3.4		7:32p	11.4	3.5				
	10:59p	2.4	0.7	11:03p	5.0	1.5									
				☉											
				31 Tue	5:42a	13.5	4.1								
					12:36p	4.1	1.3								
				6:39p	10.1	3.1									



March					2012					April								
DAY	TIME	FT	M		DAY	TIME	FT	M		DAY	TIME	FT	M					
1	5:42a 12:53p Thu 7:17p	12.7 3.8 9.9	3.9 1.2 3.0		16	1:52a 8:09a 3:05p 9:44p	5.3 13.7 1.6 12.1	1.6 4.2 0.5 3.7		1	2:31a 8:43a 3:27p 9:57p	6.0 12.2 2.4 11.9	1.8 3.7 0.7 3.6		16	4:17a 10:23a 5:37p 11:02p	3.1 13.0 1.6 14.2	0.9 4.0 4.5 4.3
2	12:29a 7:04a 2:16p 8:47p	6.7 12.4 3.3 10.4	2.0 3.8 1.0 3.2		17	3:24a 9:34a 4:17p 10:49p	4.9 13.7 1.2 13.1	1.5 4.2 0.4 4.0		2	3:49a 9:56a 4:23p 10:46p	4.7 13.0 1.4 13.3	1.4 4.0 4.0 4.1		17	5:10a 11:18a 5:23p 11:42p	1.9 13.5 1.5 14.9	0.6 4.1 0.5 4.5
3	2:09a 8:27a 3:21p 9:48p	6.5 12.8 2.3 11.5	2.0 3.9 0.7 3.5		18	4:36a 10:43a 5:12p 11:38p	3.8 14.3 0.5 14.1	1.2 4.4 0.2 4.3		3	4:46a 10:55a 5:10p 11:28p	3.0 14.1 0.5 14.8	0.9 4.3 0.2 4.5		18	5:53a 12:03p 6:01p	0.8 14.0 1.5	0.2 4.3 0.5
4	3:23a 9:32a 4:10p 10:33p	5.5 13.8 1.0 12.9	1.7 4.2 0.3 3.9		19	5:30a 11:37a 5:56p	2.5 14.9 0.1	0.8 4.5 0.0		4	5:35a 11:46a 5:53p	1.0 15.3 -0.3	0.3 4.7 -0.1		19	12:16a 6:30a 12:43p 6:35p	15.5 -0.1 14.3 1.6	4.7 0.0 4.4 0.5
5	4:16a 10:24a 4:51p 11:11p	4.0 14.9 -0.2 14.3	1.2 4.5 -0.1 4.4		20	12:18a 6:14a 12:22p 6:33p	15.0 1.3 15.4 -0.2	4.6 0.4 4.7 -0.1		5	12:08a 6:19a 12:34p 6:34p	16.3 -0.8 16.2 -0.8	5.0 -0.2 4.9 -0.2		20	12:48a 7:05a 1:19p 7:07p	15.8 -0.7 14.5 1.8	4.8 -0.2 4.4 0.5
6	5:01a 11:10a 5:29p 11:47p	2.3 16.0 -1.2 15.7	0.7 4.9 -0.4 4.8		21	12:52a 6:53a 1:02p 7:07p	15.7 0.3 15.6 -0.2	4.8 0.1 4.8 -0.1		6	12:47a 7:02a 1:20p 7:15p	17.6 -2.3 16.8 -0.9	5.4 -0.7 5.1 -0.3		21	1:18a 7:38a 1:54p 7:38p	16.0 -1.1 14.5 2.1	4.9 -0.3 4.4 0.6
7	5:43a 11:53a 6:06p	0.7 16.9 -1.8	0.2 5.2 -0.5		22	1:24a 7:28a 1:38p 7:38p	16.2 -0.3 15.7 0.1	4.9 -0.1 4.8 0.0		7	1:27a 7:46a 2:06p 7:56p	18.5 -3.3 16.9 -0.7	5.6 -1.0 5.2 -0.2		22	1:47a 8:10a 2:28p 8:08p	16.1 -1.2 14.4 2.5	4.9 -0.4 4.4 0.8
8	12:22a 6:23a 12:36p 6:43p	16.9 -0.7 17.4 -2.0	5.2 -0.2 5.3 -0.6		23	1:53a 8:01a 2:12p 8:07p	16.4 -0.7 15.5 0.6	5.0 -0.2 4.7 0.2		8	2:07a 8:30a 2:52p 8:38p	18.9 -3.7 16.6 0.0	5.8 -1.1 5.1 0.0		23	2:17a 8:43a 3:02p 8:39p	15.9 -1.0 14.0 3.0	4.8 -0.3 4.3 0.9
9	12:58a 7:04a 1:19p 7:20p	17.8 -1.7 17.4 -1.7	5.4 -0.5 5.3 -0.5		24	2:21a 8:33a 2:45p 8:36p	16.3 -0.7 15.1 1.3	5.0 -0.2 4.6 0.4		9	2:50a 9:16a 3:41p 9:23p	18.7 -3.4 15.9 1.0	5.7 -1.0 4.8 0.3		24	2:48a 9:17a 3:38p 9:11p	15.5 -0.6 13.5 3.6	4.7 -0.2 4.1 1.1
10	1:35a 7:47a 2:03p 7:59p	18.4 -2.2 17.0 -1.0	5.6 -0.7 5.2 -0.3		25	2:49a 9:06a 3:19p 9:05p	16.1 -0.4 14.4 2.1	4.9 -0.1 4.4 0.6		10	3:35a 10:06a 4:32p 10:12p	18.0 -2.5 14.8 2.2	5.5 -0.8 4.5 0.7		25	3:20a 9:53a 4:16p 9:47p	15.0 0.0 12.8 4.2	4.6 0.0 3.9 1.3
11	3:14a 9:32a 3:49p 9:40p	18.4 -2.1 16.0 0.2	5.6 -0.6 4.9 0.1		26	3:18a 9:40a 3:53p 9:34p	15.6 0.1 13.6 3.0	4.8 0.0 4.1 0.9		11	4:23a 11:00a 5:31p 11:09p	16.8 -1.3 13.6 3.4	5.1 -0.4 4.1 1.0		26	3:55a 10:34a 5:00p 10:28p	14.3 0.7 12.2 4.8	4.4 0.2 3.7 1.5
12	3:56a 10:20a 4:40p 10:25p	17.9 -1.5 14.7 1.7	5.5 -0.5 4.5 0.5		27	3:48a 10:16a 4:31p 10:07p	15.0 0.9 12.7 4.0	4.6 0.3 3.9 1.2		12	5:20a 12:03p 6:39p	15.3 0.1 12.7	4.7 0.0 3.9		27	4:37a 11:21a 5:52p 11:22p	13.5 1.4 11.7 5.4	4.1 0.4 3.6 1.6
13	4:42a 11:15a 5:38p 11:18p	17.0 -0.4 13.3 3.2	5.2 -0.1 4.1 1.0		28	4:21a 10:59a 5:16p 10:45p	14.2 1.7 11.7 4.9	4.3 0.5 3.6 1.5		13	12:19a 6:28a 1:15p 7:57p	4.4 13.9 1.2 12.4	1.3 4.2 0.4 3.8		28	5:30a 12:17p 6:53p	12.7 1.9 11.5	3.9 0.6 3.5
14	5:36a 12:21p 6:50p	15.7 0.7 12.1	4.8 0.2 3.7		29	5:02a 11:51a 6:14p 11:37p	13.4 2.5 10.8 5.8	3.8 0.8 3.3 1.8		14	1:44a 7:50a 2:32p 9:13p	4.7 12.9 1.7 12.7	1.4 3.9 0.5 3.9		29	12:33a 6:39a 1:22p 8:00p	5.5 12.0 2.3 11.9	1.7 3.7 0.7 3.6
15	12:25a 6:44a 1:40p 8:19p	4.6 14.5 1.6 11.6	1.4 4.4 0.5 3.5		30	5:58a 12:59p 7:31p	12.5 3.0 10.4	3.8 0.9 3.2		15	3:09a 9:13a 3:41p 10:14p	4.2 12.7 1.8 13.4	1.3 3.9 0.5 4.1		30	1:56a 8:01a 2:29p 9:02p	5.0 11.9 2.2 12.8	1.5 3.6 0.7 3.9
					31	12:55a 7:16a 2:17p 8:53p	6.3 12.0 3.0 10.8	1.9 3.7 0.9 3.3										



DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1	3:12a	3.8	1.2	16	4:41a	1.8	0.5	1	4:43a	-0.4	-0.1	16	5:41a	0.5	0.2
	9:18a	12.4	3.8		10:50a	12.1	3.7		11:02a	13.3	4.1		12:01p	12.0	3.7
Tue	3:31p	1.9	0.6	Wed	4:41p	3.1	0.9	Fri	4:42p	2.3	0.7	Sat	5:31p	4.4	1.3
	9:56p	14.1	4.3		11:00p	14.6	4.5		10:57p	17.0	5.2		11:41p	14.8	4.5
2	4:14a	2.0	0.6	17	5:26a	0.8	0.2	2	5:37a	-2.0	-0.6	17	6:20a	-0.3	-0.1
	10:25a	13.3	4.1		11:40a	12.6	3.8		12:00p	14.2	4.3		12:43p	12.5	3.8
Wed	4:26p	1.4	0.4	Thu	5:24p	3.2	1.0	Sat	5:37p	2.0	0.6	Sun	6:12p	4.2	1.3
	10:44p	15.5	4.7		11:38p	15.0	4.6		11:48p	17.9	5.5				
3	5:07a	0.1	0.0	18	6:06a	0.0	0.0	3	6:27a	-3.3	-1.0	18	12:20a	15.2	4.6
	11:22a	14.3	4.4		12:22p	13.0	4.0		12:54p	15.0	4.6		6:57a	-0.9	-0.3
Thu	5:16p	0.9	0.3	Fri	6:02p	3.2	1.0	Sun	6:29p	1.6	0.5	Mon	1:21p	13.1	4.0
	11:30p	16.8	5.1										6:51p	3.9	1.2
4	5:56a	-1.7	-0.5	19	12:13a	15.4	4.7	4	12:38a	18.5	5.6	19	12:57a	15.6	4.8
	12:15p	15.2	4.6		6:42a	-0.7	-0.2		7:16a	-4.1	-1.3		7:32a	-1.3	-0.4
Fri	6:03p	0.6	0.2	Sat	1:01p	13.4	4.1	Mon	1:44p	15.5	4.7	Tue	1:57p	13.5	4.1
					6:38p	3.2	1.0		7:19p	1.4	0.4		7:27p	3.6	1.1
5	12:14a	18.0	5.5	20	12:46a	15.7	4.8	5	1:28a	18.7	5.7	20	1:34a	15.7	4.8
	6:43a	-3.2	-1.0		7:16a	-1.1	-0.3		8:03a	-4.3	-1.3		8:07a	-1.7	-0.5
Sat	1:05p	15.9	4.8	Sun	1:37p	13.6	4.1	Tue	2:33p	15.8	4.8	Wed	2:33p	13.8	4.2
	6:49p	0.5	0.2		7:12p	3.3	1.0		8:09p	1.4	0.4		8:04p	3.3	1.0
6	12:59a	18.7	5.7	21	1:19a	15.8	4.8	6	2:17a	18.4	5.6	21	2:10a	15.7	4.8
	7:29a	-4.1	-1.3		7:50a	-1.3	-0.4		8:50a	-4.0	-1.2		8:41a	-1.8	-0.5
Sun	1:54p	16.2	4.9	Mon	2:13p	13.8	4.2	Wed	3:21p	15.8	4.8	Thu	3:08p	14.0	4.3
	7:35p	0.6	0.2		7:46p	3.4	1.0		8:59p	1.6	0.5		8:41p	3.2	1.0
7	1:44a	19.0	5.8	22	1:52a	15.7	4.8	7	3:05a	17.6	5.4	22	2:46a	15.5	4.7
	8:15a	-4.3	-1.3		8:24a	-1.3	-0.4		9:37a	-3.3	-1.0		9:16a	-1.6	-0.5
Mon	2:43p	16.1	4.9	Tue	2:49p	13.7	4.2	Thu	4:09p	15.5	4.7	Fri	3:43p	14.1	4.3
	8:21p	0.9	0.3		8:20p	3.5	1.1		9:50p	2.0	0.6		9:20p	3.1	0.9
8	2:31a	18.7	5.7	23	2:26a	15.5	4.7	8	3:55a	16.4	5.0	23	3:24a	15.1	4.6
	9:03a	-4.0	-1.2		8:59a	-1.2	-0.4		10:24a	-2.1	-0.6		9:51a	-1.3	-0.4
Tue	3:32p	15.7	4.8	Wed	3:25p	13.5	4.1	Fri	4:57p	15.0	4.6	Sat	4:20p	14.2	4.3
	9:10p	1.6	0.5		8:55p	3.7	1.1		10:45p	2.5	0.8		10:03p	3.0	0.9
9	3:19a	17.9	5.5	24	3:01a	15.2	4.6	9	4:46a	15.0	4.6	24	4:06a	14.5	4.4
	9:52a	-3.1	-0.9		9:35a	-0.8	-0.2		11:12a	-0.7	-0.2		10:29a	-0.6	-0.2
Wed	4:24p	15.1	4.6	Thu	4:03p	13.3	4.1	Sat	5:47p	14.4	4.4	Sun	4:59p	14.2	4.3
	10:02p	2.4	0.7		9:33p	4.0	1.2		11:44p	3.0	0.9		10:51p	3.0	0.9
10	4:09a	16.6	5.1	25	3:38a	14.6	4.5	10	5:41a	13.5	4.1	25	4:52a	13.6	4.1
	10:44a	-1.8	-0.5		10:13a	-0.4	-0.1		12:02p	0.7	0.2		11:11a	0.2	0.1
Thu	5:18p	14.3	4.4	Fri	4:43p	13.1	4.0	Sun	6:40p	14.0	4.3	Mon	5:42p	14.3	4.4
	11:01p	3.2	1.0		10:17p	4.3	1.3						11:47p	2.9	0.9
11	5:05a	15.1	4.6	26	4:20a	13.9	4.2	11	12:49a	3.3	1.0	26	5:48a	12.6	3.8
	11:41a	-0.4	-0.1		10:55a	0.2	0.1		6:43a	12.1	3.7		11:59a	1.2	0.4
Fri	6:18p	13.6	4.1	Sat	5:28p	12.9	3.9	Mon	12:56p	2.1	0.6	Tue	6:32p	14.4	4.4
					11:08p	4.4	1.3		7:35p	13.6	4.1				
12	12:08a	3.8	1.2	27	5:10a	13.1	4.0	12	1:58a	3.2	1.0	27	12:52a	2.6	0.8
	6:08a	13.6	4.1		11:43a	0.9	0.3		7:53a	11.1	3.4		6:56a	11.8	3.6
Sat	12:42p	0.9	0.3	Sun	6:18p	12.9	3.9	Tue	1:54p	3.2	1.0	Wed	12:55p	2.2	0.7
	7:29p	13.3	4.1					8:32p	13.5	4.1		7:28p	14.7	4.5	
13	1:23a	4.0	1.2	28	12:11a	4.4	1.3	13	3:05a	2.8	0.9	28	2:05a	2.0	0.6
	7:21a	12.4	3.8		6:11a	12.3	3.8		9:08a	10.8	3.3		8:16a	11.4	3.5
Sun	1:48p	1.9	0.6	Mon	12:37p	1.5	0.5	Wed	2:55p	4.0	1.2	Thu	2:00p	3.1	0.9
	8:28p	13.3	4.1		7:13p	13.2	4.0		9:26p	13.7	4.2		8:30p	15.1	4.6
14	2:40a	3.6	1.1	29	1:23a	3.9	1.2	14	4:05a	2.1	0.6	29	3:17a	1.0	0.3
	8:39a	11.8	3.6		7:25a	11.8	3.6		10:16a	10.9	3.3		9:37a	11.6	3.5
Mon	2:52p	2.5	0.8	Tue	1:38p	2.1	0.6	Thu	3:53p	4.4	1.3	Fri	3:10p	3.4	1.0
	9:27p	13.6	4.1		8:12p	13.9	4.2		10:15p	14.0	4.3		9:33p	15.8	4.8
15	3:47a	2.8	0.9	30	2:36a	2.8	0.9	15	4:56a	1.3	0.4	30	4:24a	-0.4	-0.1
	9:51a	11.8	3.6		8:44a	11.8	3.6		11:14a	11.4	3.5		10:49a	12.4	3.8
Tue	3:51p	2.9	0.9	Wed	2:41p	2.4	0.7	Fri	4:45p	4.5	1.4	Sat	4:18p	3.3	1.0
	10:17p	14.1	4.3		9:09p	14.8	4.5		11:00p	14.4	4.4		10:35p	16.5	5.0
31	3:44a	1.3	0.4												
	9:57a	12.4	3.8												
Thu	3:44p	2.4	0.7												
	10:04p	15.9	4.8												



# July 2012 August

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1	5:23a 11:50a 5:20p 11:32p	-1.7 13.4 2.9 17.3	-0.5 4.1 0.9 5.3	16	5:58a 12:22p 5:50p 11:58p	0.2 12.1 4.5 14.9	0.1 3.7 1.4 4.5	1	12:19a 6:51a 1:18p 6:59p	17.1 -2.9 15.3 1.1	5.2 -0.9 4.7 0.3	16	12:17a 6:43a 1:03p 6:48p	15.4 -1.2 14.2 1.9	4.7 -0.4 4.3 0.6
2	6:16a 12:44p 6:16p	-2.8 14.4 2.2	-0.9 4.4 0.7	17	6:36a 1:00p 6:31p	-0.6 12.9 3.7	-0.2 3.9 1.1	2	1:07a 7:33a 1:58p 7:44p	17.4 -3.1 15.9 0.4	5.3 -0.9 4.8 0.1	17	12:57a 7:17a 1:36p 7:26p	16.0 -1.8 15.2 0.9	4.9 -0.5 4.6 0.3
3	12:26a 7:04a 1:33p 7:08p	17.9 -3.6 15.2 1.6	5.5 -1.1 4.6 0.5	18	12:38a 7:11a 1:35p 7:09p	15.5 -1.4 13.6 3.0	4.7 -0.4 4.1 0.9	3	1:52a 8:12a 2:37p 8:27p	17.4 -2.9 16.2 0.1	5.3 -0.9 4.9 0.0	18	1:35a 7:50a 2:08p 8:03p	16.5 -2.1 16.0 0.0	5.0 -0.6 4.9 0.0
4	1:17a 7:50a 2:19p 7:57p	18.1 -3.9 15.7 1.2	5.5 -1.2 4.8 0.4	19	1:16a 7:45a 2:08p 7:46p	15.9 -1.9 14.3 2.4	4.8 -0.6 4.4 0.7	4	2:34a 8:49a 3:13p 9:09p	16.9 -2.3 16.2 0.1	5.2 -0.7 4.9 0.0	19	2:14a 8:24a 2:42p 8:42p	16.5 -2.0 16.5 -0.5	5.0 -0.6 5.0 -0.2
5	2:05a 8:34a 3:03p 8:45p	17.9 -3.7 16.0 1.0	5.5 -1.1 4.9 0.3	20	1:54a 8:18a 2:42p 8:24p	16.1 -2.2 14.8 1.8	4.9 -0.7 4.5 0.5	5	3:15a 9:25a 3:48p 9:50p	16.0 -1.3 15.9 0.4	4.9 -0.4 4.8 0.1	20	2:54a 8:59a 3:17p 9:24p	16.2 -1.4 16.8 -0.7	4.9 -0.4 5.1 -0.2
6	2:51a 9:16a 3:45p 9:32p	17.3 -3.0 15.9 1.1	5.3 -0.9 4.8 0.3	21	2:31a 8:52a 3:15p 9:03p	16.1 -2.1 15.2 1.4	4.9 -0.6 4.6 0.4	6	3:55a 10:00a 4:23p 10:32p	14.8 0.0 15.3 1.1	4.5 0.0 4.7 0.3	21	3:37a 9:36a 3:54p 10:09p	15.5 -0.5 16.7 -0.5	4.7 -0.2 5.1 0.2
7	3:36a 9:57a 4:26p 10:20p	16.3 -2.0 15.5 1.5	5.0 -0.6 4.7 0.5	22	3:10a 9:26a 3:50p 9:44p	15.7 -1.7 15.5 1.2	4.8 -0.5 4.7 0.4	7	4:36a 10:34a 4:59p 11:18p	13.5 1.5 14.5 1.8	4.1 0.5 4.4 0.5	22	4:23a 10:17a 4:36p 11:01p	14.4 0.8 16.3 0.0	4.4 0.2 5.0 0.0
8	4:22a 10:37a 5:08p 11:11p	14.9 -0.6 15.0 2.0	4.5 -0.2 4.6 0.6	23	3:51a 10:02a 4:27p 10:30p	15.0 -0.9 15.5 1.2	4.6 -0.3 4.7 0.4	8	5:20a 11:11a 5:39p	12.1 3.0 13.7	3.7 0.9 4.2	23	5:17a 11:04a 5:25p	13.1 2.2 15.6	4.0 0.7 4.8
9	5:09a 11:18a 5:51p	13.4 0.9 14.3	4.1 0.3 4.4	24	4:37a 10:42a 5:08p 11:23p	14.1 0.2 15.5 1.3	4.3 0.1 4.7 0.4	9	12:11a 6:13a 11:54a 6:26p	2.6 10.9 4.4 13.0	0.8 3.3 3.3 4.0	24	12:03a 6:24a 12:02p 6:26p	0.7 11.9 3.6 14.8	0.2 3.6 1.1 4.5
10	12:05a 6:01a 12:02p 6:37p	2.5 12.0 2.5 13.7	0.8 3.7 0.8 4.2	25	5:30a 11:28a 5:55p	12.9 1.5 15.2	3.9 0.5 4.6	10	1:16a 7:23a 12:52p 7:28p	3.2 9.9 5.5 12.4	1.0 3.0 1.7 3.8	25	1:18a 7:48a 1:19p 7:42p	1.3 11.2 4.6 14.2	0.4 3.4 1.4 4.3
11	1:06a 7:02a 12:52p 7:30p	2.9 10.8 3.8 13.2	0.9 3.3 1.2 4.0	26	12:25a 6:36a 12:23p 6:52p	1.5 11.8 2.8 14.9	0.5 3.6 0.9 4.5	11	2:32a 8:51a 2:11p 8:42p	3.3 9.7 6.1 12.3	1.0 3.0 1.9 3.8	26	2:43a 9:19a 2:48p 9:06p	1.2 11.4 4.8 14.3	0.4 3.5 1.5 4.4
12	2:14a 8:16a 1:53p 8:28p	3.0 10.1 4.9 13.0	0.9 3.1 1.5 4.0	27	1:38a 7:57a 1:32p 8:01p	1.5 11.1 3.9 14.8	0.5 3.4 1.2 4.5	12	3:46a 10:12a 3:35p 9:52p	2.7 10.2 6.0 12.8	0.8 3.1 1.8 3.9	27	3:59a 10:33a 4:08p 10:19p	0.5 12.4 4.0 14.9	0.2 3.8 1.2 4.5
13	3:22a 9:36a 3:02p 9:29p	2.7 10.0 5.5 13.2	0.8 3.1 1.7 4.0	28	2:58a 9:25a 2:51p 9:14p	1.0 11.2 4.3 15.1	0.3 3.4 1.3 4.6	13	4:44a 11:10a 4:40p 10:49p	1.8 11.1 5.3 13.6	0.5 3.4 1.6 4.1	28	5:01a 11:29a 5:11p 11:20p	-0.4 13.6 2.7 15.7	-0.1 4.1 0.8 4.8
14	4:24a 10:45a 4:08p 10:25p	2.0 10.5 5.5 13.6	0.6 3.2 1.7 4.1	29	4:11a 10:41a 4:08p 10:24p	0.0 12.1 4.0 15.7	0.0 3.7 1.2 4.8	14	5:30a 11:53a 5:29p 11:36p	0.7 12.1 4.2 14.5	0.2 3.7 1.3 4.4	29	5:50a 12:15p 6:02p	-1.2 14.7 1.4	-0.4 4.5 0.4
15	5:15a 11:38a 5:04p 11:14p	1.1 11.3 5.1 14.2	0.3 3.4 1.6 4.3	30	5:13a 11:42a 5:14p 11:25p	-1.1 13.2 3.1 16.5	-0.3 4.0 0.9 5.0	15	6:08a 12:29p 6:10p	-0.3 13.2 3.1	-0.1 4.0 0.9	30	12:11a 6:33a 12:55p 6:47p	16.3 -1.7 15.6 0.3	5.0 -0.5 4.8 0.1
				31	6:05a 12:33p 6:10p	-2.2 14.3 2.1	-0.7 4.4 0.6					31	12:56a 7:11a 1:31p 7:27p	16.7 -1.8 16.3 -0.4	5.1 -0.5 5.0 -0.1

K E T C H I K A N



# September 2012 October

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1	1:37a 7:46a 2:05p 8:05p	16.6 -1.6 16.5 -0.8	5.1 -0.5 5.0 -0.2	16	1:16a 7:19a 1:33p 7:41p	16.6 -1.3 17.3 -1.7	5.1 -0.4 5.3 -0.5	1	1:56a 7:49a 2:01p 8:16p	15.6 0.9 16.7 -1.2	4.8 0.3 5.1 -0.4	16	1:42a 7:29a 1:39p 8:04p	16.8 0.1 19.0 -3.5	5.1 0.0 5.8 -1.1
2	2:15a 8:19a 2:37p 8:42p	16.3 -0.9 16.5 -0.8	5.0 -0.3 5.0 -0.2	17	1:57a 7:55a 2:08p 8:22p	16.8 -1.2 17.9 -2.3	5.1 -0.4 5.5 -0.7	2	2:31a 8:19a 2:30p 8:50p	15.2 1.6 16.3 -0.8	4.6 5.0 0.5 -0.2	17	2:27a 8:11a 2:20p 8:49p	16.7 0.6 19.0 -3.4	5.1 0.2 5.8 -1.0
3	2:52a 8:51a 3:08p 9:18p	15.6 0.0 16.1 -0.4	4.8 0.0 4.9 -0.1	18	2:39a 8:33a 2:46p 9:04p	16.6 -0.6 18.0 -2.3	5.1 -0.2 5.5 -0.7	3	3:06a 8:50a 3:00p 9:24p	14.6 2.5 15.8 -0.2	4.5 0.8 4.8 -0.1	18	3:14a 8:55a 3:05p 9:36p	16.2 1.4 18.4 -2.7	4.9 0.4 5.6 -0.8
4	3:28a 9:22a 3:39p 9:55p	14.7 1.1 15.5 0.3	4.5 0.3 4.7 0.1	19	3:24a 9:13a 3:26p 9:51p	15.9 0.4 17.7 -1.8	4.8 0.1 5.4 -0.5	4	3:42a 9:21a 3:31p 10:01p	13.8 3.4 15.0 0.7	4.2 1.0 4.6 0.2	19	4:05a 9:43a 3:53p 10:29p	15.3 2.5 17.4 -1.5	4.7 0.8 5.3 -0.5
5	4:06a 9:54a 4:11p 10:35p	13.6 2.4 14.7 1.2	4.1 0.7 4.5 0.4	20	4:13a 9:57a 4:11p 10:43p	14.8 1.7 16.9 -0.9	4.5 0.5 5.2 -0.3	5	4:21a 9:54a 4:05p 10:43p	12.9 4.4 14.2 1.7	3.9 1.3 4.3 0.6	20	5:01a 10:39a 4:48p 11:29p	14.3 3.6 16.0 -0.2	4.4 1.1 4.9 -0.1
6	4:46a 10:28a 4:46p 11:21p	12.4 3.7 13.8 2.2	3.8 1.1 4.2 0.7	21	5:08a 10:48a 5:03p 11:45p	13.6 3.1 15.8 0.2	4.1 0.9 4.8 0.1	6	5:06a 10:34a 4:47p 11:35p	11.9 5.4 13.2 2.6	3.6 1.6 4.0 0.8	21	6:07a 11:47a 5:54p	13.5 4.5 14.5	4.1 1.4 4.4
7	5:34a 11:07a 5:30p	11.3 4.9 12.9	3.4 1.5 3.9	22	6:17a 11:52a 6:08p	12.4 4.3 14.6	3.8 1.3 4.5	7	6:03a 11:28a 5:42p	11.1 6.2 12.3	3.4 1.9 3.8	22	12:38a 7:22a 1:11p 7:15p	1.0 13.1 4.9 13.4	0.3 4.0 1.5 4.1
8	12:20a 6:38a 12:02p 6:30p	3.1 10.3 5.9 12.1	0.9 3.1 1.8 3.7	23	1:00a 7:40a 1:17p 7:30p	1.2 11.9 5.0 13.7	0.4 3.6 1.5 4.2	8	12:40a 7:18a 12:49p 7:01p	3.3 10.8 6.6 11.7	1.0 3.3 2.0 3.6	23	1:55a 8:38a 2:38p 8:41p	1.8 13.4 4.4 13.0	0.5 4.1 1.3 4.0
9	1:36a 8:04a 1:27p 7:52p	3.5 9.9 6.5 11.8	1.1 3.0 2.0 3.6	24	2:24a 9:06a 2:49p 8:58p	1.5 12.3 4.7 13.6	0.5 3.8 1.4 4.1	9	1:57a 8:37a 2:24p 8:29p	3.4 11.2 6.2 11.8	1.0 3.4 1.9 3.6	24	3:07a 9:43a 3:50p 9:55p	2.0 14.1 3.2 13.3	0.6 4.3 1.0 4.1
10	2:57a 9:30a 3:03p 9:15p	3.3 10.4 6.2 12.1	1.0 3.2 1.9 3.7	25	3:40a 10:14a 4:05p 10:12p	1.2 13.2 3.6 14.1	0.4 4.0 1.1 4.3	10	3:07a 9:39a 3:38p 9:41p	2.9 12.1 5.0 12.5	0.9 3.7 1.5 3.8	25	4:07a 10:34a 4:47p 10:55p	2.0 14.9 1.9 13.8	0.6 4.5 4.6 4.2
11	4:02a 10:30a 4:13p 10:19p	2.4 11.4 5.2 13.0	0.7 3.5 1.6 4.0	26	4:39a 11:06a 5:03p 11:11p	0.6 14.3 2.2 14.8	0.2 4.4 0.7 4.5	11	4:02a 10:26a 4:32p 10:38p	2.2 13.4 3.3 13.6	0.7 4.1 1.0 4.1	26	4:57a 11:17a 5:32p 11:44p	1.9 15.7 0.7 14.3	0.6 4.8 0.2 4.4
12	4:52a 11:13a 5:03p 11:09p	1.4 12.6 3.8 14.1	0.4 3.8 1.2 4.3	27	5:27a 11:49a 5:50p 11:59p	0.1 15.3 0.8 15.4	0.0 4.7 0.2 4.7	12	4:48a 11:06a 5:17p 11:27p	1.4 14.8 1.5 14.7	0.4 4.5 0.5 4.2	27	5:38a 11:54a 6:12p	1.9 16.3 -0.2	0.6 5.0 -0.1
13	5:32a 11:50a 5:45p 11:53p	0.4 13.9 2.2 15.2	0.1 4.2 0.7 4.6	28	6:08a 12:26p 6:31p	-0.1 16.1 -0.2	0.0 4.9 -0.1	13	5:30a 11:44a 5:59p	0.7 16.2 -0.3	0.2 4.9 -0.1	28	12:26a 6:15a 12:27p 6:48p	14.7 2.1 16.6 -0.8	4.5 0.6 5.1 -0.2
14	6:09a 12:24p 6:24p	-0.5 15.2 0.7	-0.2 4.6 0.2	29	12:42a 6:44a 1:00p 7:08p	15.8 0.0 16.6 -0.9	4.8 0.0 5.1 -0.3	14	12:12a 6:09a 12:21p 6:40p	15.7 0.2 17.5 -1.8	4.8 0.1 5.3 -0.5	29	1:04a 6:49a 12:59p 7:21p	14.9 2.3 16.8 -1.2	4.5 0.7 5.1 -0.4
15	12:35a 6:44a 12:58p 7:02p	16.0 -1.1 16.3 -0.7	4.9 -0.3 5.0 -0.2	30	1:20a 7:17a 1:13p 7:43p	15.8 0.3 16.7 -1.2	4.8 0.1 5.1 -0.4	15	12:57a 6:49a 12:59p 7:21p	16.4 0.0 18.4 -2.9	5.0 0.0 5.6 -0.9	30	1:40a 7:21a 1:29p 7:54p	15.0 2.7 16.7 -1.2	4.6 0.8 5.1 -0.4
												31	2:14a 7:53a 2:00p 8:27p	14.8 3.1 16.5 -0.9	4.5 0.9 5.0 -0.3



# November 2012 December

DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M	DAY	TIME	FT	M
1 Thu	2:49a	14.5	4.4	16 Fri	2:06a	16.5	5.0	1 Sat	2:11a	14.4	4.4	16 Sun	2:42a	16.7	5.1
	8:24a	3.6	1.1		7:42a	2.0	0.6		7:41a	4.4	1.3		8:24a	2.1	0.6
	2:30p	16.0	4.9		1:50p	18.9	5.8		1:45p	15.9	4.8		2:29p	18.0	5.5
	9:01p	-0.4	-0.1		8:24p	-3.1	-0.9		8:18p	-0.9	-0.1		8:57p	-2.2	-0.7
2 Fri	3:25a	14.0	4.3	17 Sat	2:56a	16.0	4.9	2 Sun	2:47a	14.2	4.3	17 Mon	3:29a	16.4	5.0
	8:57a	4.2	1.3		8:34a	2.7	0.8		8:18a	4.7	1.4		9:17a	2.5	0.8
	3:03p	15.4	4.7		2:40p	17.7	5.4		2:21p	15.3	4.7		3:19p	16.5	5.0
	9:37p	0.2	0.1		9:15p	-2.0	-0.6		8:54p	0.2	0.1		9:44p	-0.8	-0.2
3 Sat	4:03a	13.4	4.1	18 Sun	3:49a	15.4	4.7	3 Mon	3:24a	13.9	4.2	18 Tue	4:18a	15.9	4.8
	9:32a	4.9	1.5		9:31a	3.4	1.0		8:59a	4.9	1.5		10:14a	3.1	0.9
	3:38p	14.7	4.5		3:35p	16.3	5.0		3:00p	14.5	4.4		4:13p	14.8	4.5
	10:16p	1.0	0.3		10:09p	-0.6	-0.2		9:32p	0.9	0.3		10:32p	0.8	0.2
4 Sun	3:45a	12.8	3.9	19 Mon	4:47a	14.7	4.5	4 Tue	4:06a	13.7	4.2	19 Wed	5:10a	15.3	4.7
	9:14a	5.5	1.7		10:36a	4.1	1.3		9:46a	5.2	1.6		11:18a	3.5	1.1
	3:18p	13.8	4.2		4:36p	14.6	4.5		3:45p	13.6	4.1		5:14p	13.2	4.0
	10:01p	1.8	0.5		11:09p	0.9	0.3		10:15p	1.6	0.5		11:25p	2.4	0.7
5 Mon	4:35a	12.3	3.8	20 Tue	5:51a	14.3	4.4	5 Wed	4:52a	13.6	4.1	20 Thu	6:05a	14.8	4.5
	10:06a	6.0	1.8		11:51a	4.3	1.3		10:44a	5.2	1.6		12:29p	3.7	1.1
	4:09p	12.8	3.9		5:48p	13.3	4.1		4:40p	12.7	3.9		6:25p	12.0	3.7
	10:54p	2.5	0.8		●	●	●		11:05p	2.4	0.7		●	●	●
6 Tue	5:34a	12.1	3.7	21 Wed	12:14a	2.1	0.6	6 Thu	5:44a	13.8	4.2	21 Fri	12:24a	3.8	1.2
	11:15a	6.3	1.9		6:57a	14.3	4.4		11:53a	4.9	1.5		7:05a	14.5	4.4
	5:15p	12.1	3.7		1:11p	4.0	1.2		5:51p	12.0	3.7		1:41p	3.4	1.0
	11:56p	3.0	0.9		7:09p	12.5	3.8		●	●	●		7:45p	11.4	3.5
7 Wed	6:38a	12.4	3.8	22 Thu	1:21a	3.0	0.9	7 Fri	12:02a	3.2	1.0	22 Sat	1:29a	4.9	1.5
	12:38p	5.8	1.8		7:59a	14.6	4.5		6:41a	14.3	4.4		8:04a	14.5	4.4
	6:37p	11.8	3.6		2:23p	3.2	1.0		1:08p	4.1	1.3		2:48p	2.8	0.9
	●	●	●		8:27p	12.3	3.8		7:11p	11.8	3.6		9:02p	11.5	3.5
8 Thu	1:02a	3.2	1.0	23 Fri	2:24a	3.5	1.1	8 Sat	1:07a	3.7	1.1	23 Sun	2:34a	5.4	1.6
	7:40a	13.2	4.0		8:54a	15.0	4.6		7:39a	15.0	4.6		8:59a	14.7	4.5
	1:55p	4.7	1.4		3:22p	2.2	0.7		2:18p	2.7	0.8		3:44p	2.0	0.6
	7:57p	12.1	3.7		9:32p	12.7	3.9		8:30p	12.3	3.8		10:04p	12.0	3.7
9 Fri	2:04a	3.0	0.9	24 Sat	3:19a	3.8	1.2	9 Sun	2:12a	3.8	1.2	24 Mon	3:32a	5.5	1.7
	8:33a	14.3	4.4		9:40a	15.5	4.7		8:36a	16.1	4.9		9:47a	15.1	4.6
	2:56p	3.0	0.9		4:10p	1.2	0.4		3:19p	1.0	0.3		4:30p	1.2	0.4
	9:04p	13.0	4.0		10:25p	13.2	4.0		9:38p	13.2	4.0		10:54p	12.6	3.8
10 Sat	3:00a	2.6	0.8	25 Sun	4:06a	3.9	1.2	10 Mon	3:13a	3.6	1.1	25 Tue	4:21a	5.4	1.6
	9:20a	15.7	4.8		10:20a	15.9	4.8		9:30a	17.2	5.2		10:31a	15.5	4.7
	3:47p	1.1	0.3		4:52p	0.3	0.1		4:14p	-0.7	-0.2		5:11p	0.4	0.1
	10:01p	14.1	4.3		11:10p	13.6	4.1		10:37p	14.3	4.4		11:36p	13.3	4.1
11 Sun	3:50a	2.2	0.7	26 Mon	4:47a	4.0	1.2	11 Tue	4:10a	3.2	1.0	26 Wed	5:04a	5.0	1.5
	10:04a	17.0	5.2		10:57a	16.3	5.0		10:22a	18.3	5.6		11:10a	16.0	4.9
	4:34p	-0.8	-0.2		5:29p	-0.3	-0.1		5:04p	-2.2	-0.7		5:48p	-0.2	-0.1
	10:52p	15.1	4.6		11:50p	14.1	4.3		11:30p	15.3	4.7		●	●	●
12 Mon	4:37a	1.8	0.5	27 Tue	5:24a	4.0	1.2	12 Wed	5:03a	2.7	0.8	27 Thu	12:13a	13.9	4.2
	10:48a	18.2	5.6		11:31a	16.5	5.0		11:12a	19.1	5.8		5:42a	4.7	1.4
	5:19p	-2.3	-0.7		6:04p	-0.7	-0.2		5:52p	-3.3	-1.0		11:47a	16.3	5.0
	11:41p	15.9	4.8		●	●	●		●	●	6:22p		-0.7	-0.2	
13 Tue	5:23a	1.5	0.5	28 Wed	12:26a	14.4	4.4	13 Thu	12:20a	16.1	4.9	28 Fri	12:47a	14.3	4.4
	11:32a	19.1	5.8		5:59a	4.0	1.2		5:54a	2.3	0.7		6:18a	4.3	1.3
	6:04p	-3.4	-1.0		12:05p	16.6	5.1		12:02p	19.6	6.0		12:23p	16.5	5.0
	●	●	●		6:37p	-0.9	-0.3		6:39p	-3.9	-1.2		6:55p	-1.0	-0.3
14 Wed	12:29a	16.5	5.0	29 Thu	1:01a	14.5	4.4	14 Fri	1:08a	16.6	5.1	29 Sat	1:20a	14.7	4.5
	6:08a	1.4	0.4		6:33a	4.1	1.3		6:43a	2.0	0.6		6:53a	4.0	1.2
	12:16p	19.6	6.0		12:38p	16.5	5.0		12:51p	19.6	6.0		12:57p	16.5	5.0
	6:50p	-3.9	-1.2		7:11p	-0.9	-0.3		7:25p	-3.9	-1.2		7:27p	-1.1	-0.3
15 Thu	1:17a	16.7	5.1	30 Fri	1:36a	14.5	4.4	15 Sat	1:55a	16.8	5.1	30 Sun	1:53a	14.9	4.5
	6:54a	1.6	0.5		7:07a	4.2	1.3		7:33a	1.9	0.6		7:28a	3.7	1.1
	1:02p	19.5	5.9		1:11p	16.3	5.0		1:40p	19.0	5.8		1:32p	16.3	5.0
	7:36p	-3.8	-1.2		7:44p	-0.7	-0.2		8:11p	-3.3	-1.0		7:59p	-1.0	-0.3
31 Mon	2:25a	15.1	4.6												
	8:04a	3.6	1.1												
	2:07p	15.9	4.8												
	8:31p	-0.6	-0.2												

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