

# Tides: Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides	
Mean Range:	6.8 ft
MHWS	8.0 ft
Mean Tide:	3.7 ft

January, 2001

February, 2001

March, 2001

1 Mo (EST)	00:50 6.0H 07:16 0.9L 13:14 6.2H 19:57 0.7L	16 Tu (EST)	02:16 6.9H 08:54 0.0L 14:29 6.7H 21:16 -0.1L	1 Th (EST)	01:51 6.4H 08:36 0.8L 14:17 5.9H 21:05 0.3L	15 Th (EST)	02:38 6.6H 09:25 0.5L 14:50 6.0H 21:35 0.4L	1 Th (EST)	00:25 6.8H 07:16 0.5L 12:53 6.1H 19:38 0.2L	16 Fr (EST)	02:00 6.6H 08:47 0.9L 14:17 5.9H 20:51 0.9L
2 Tu (EST)	01:40 6.0H 08:09 1.1L 14:03 6.1H 20:49 0.7L	17 We (EST)	03:12 6.8H 09:59 0.3L 15:22 6.3H 22:15 0.0L	2 Fr (EST)	02:48 6.6H 09:44 0.9L 15:16 5.8H 22:09 0.1L	16 Fr (EST)	03:33 6.4H 10:29 0.8L 15:44 5.7H 22:36 0.6L	2 Fr (EST)	01:20 6.8H 08:12 0.7L 13:50 5.9H 20:35 0.3L	17 Sa (EST)	02:54 6.4H 09:49 1.2L 15:11 5.7H 22:53 1.2L
3 We (EST)	02:32 6.2H 09:11 1.2L 14:56 6.0H 21:46 0.5L	18 Th (EST)	04:08 6.7H 11:02 0.5L 16:16 6.0H 23:12 0.1L	3 Sa (EST)	03:50 6.8H 10:56 0.7L 16:20 5.9H 23:15 -0.2L	17 Sa (EST)	04:29 6.3H 11:29 0.8L 16:40 5.6H 23:34 0.6L	3 Sa (EST)	02:20 6.9H 09:20 0.9L 14:53 5.9H 21:43 0.3L	18 Su (EST)	03:50 6.2H 10:51 1.2L 16:06 5.6H 22:56 1.2L
4 Th (EST)	03:26 6.5H 10:19 1.1L 15:52 6.0H 22:45 0.3L	19 Fr (EST)	05:04 6.7H 12:00 0.4L 17:11 5.9H	4 Su (EST)	04:55 7.2H 12:03 0.3L 17:27 6.1H	18 Su (EST)	05:26 6.3H 12:23 0.7L 17:35 5.7H	4 Su (EST)	03:25 7.0H 10:34 0.8L 16:00 6.0H 22:53 0.1L	19 Mo (EST)	04:48 6.2H 11:47 1.1L 17:03 5.7H 22:54 1.0L
5 Fr (EST)	04:24 6.8H 11:25 0.8L 16:52 6.1H 23:44 -0.1L	20 Sa (EST)	00:05 0.1L 05:59 6.7H 12:52 0.3L 18:05 5.9H	5 Mo (EST)	00:18 -0.6L 06:00 7.6H 13:05 -0.2L 18:31 6.5H	19 Mo (EST)	00:26 0.4L 06:21 6.5H 13:12 0.5L 18:28 5.8H	5 Mo (EST)	04:33 7.2H 11:43 0.4L 17:09 6.3H	20 Tu (EST)	05:44 6.3H 12:36 0.9L 17:57 6.0H
6 Sa (EST)	05:24 7.3H 12:28 0.3L 17:52 6.3H	21 Su (EST)	00:54 0.0L 06:49 6.8H 13:40 0.2L 18:55 6.0H	6 Tu (EST)	01:18 -1.1L 07:01 8.0H 14:02 -0.7L 19:30 6.9H	20 Tu (EST)	01:14 0.3L 07:09 6.7H 13:56 0.3L 19:16 6.1H	6 Tu (EST)	00:00 -0.4L 05:40 7.5H 12:45 -0.1L 18:15 6.7H	21 We (EST)	00:44 0.7L 06:35 6.6H 13:20 0.6L 18:46 6.3H
7 Su (EST)	00:41 -0.5L 06:23 7.8H 13:26 -0.1L 18:51 6.6H	22 Mo (EST)	01:40 -0.1L 07:34 7.0H 14:24 0.1L 19:40 6.1H	7 We (EST)	02:15 -1.5L 07:57 8.4H 14:56 -1.1L 20:25 7.3H	21 We (EST)	01:59 0.1L 07:51 6.9H 14:36 0.2L 19:58 6.3H	7 We (EST)	01:03 -0.9L 06:43 7.9H 13:42 -0.6L 19:15 7.3H	22 Th (EST)	01:31 0.5L 07:20 6.8H 14:01 0.3L 19:30 6.7H
8 Mo (EST)	01:37 -1.0L 07:19 8.2H 14:22 -0.6L 19:46 6.9H	23 Tu (EST)	02:23 -0.1L 08:15 7.1H 15:05 0.0L 20:21 6.2H	8 Th (EST)	03:11 -1.9L 08:50 8.6H 15:47 -1.4L 21:17 7.6H	22 Th (EST)	02:40 -0.1L 08:30 7.0H 15:14 0.0L 20:37 6.5H	8 Th (EST)	02:01 -1.4L 07:40 8.3H 14:35 -1.1L 20:09 7.8H	23 Fr (EST)	02:14 0.2L 08:00 7.0H 14:40 0.1L 20:09 7.0H
9 Tu (EST)	02:32 -1.4L 08:13 8.6H 15:15 -0.9L 20:40 7.2H	24 We (EST)	03:03 -0.2L 08:53 7.1H 15:43 0.0L 21:00 6.3H	9 Fr (EST)	04:03 -2.0L 09:41 8.6H 16:36 -1.6L 22:09 7.7H	23 Fr (EST)	03:20 -0.2L 09:05 7.1H 15:50 -0.1L 21:13 6.7H	9 Fr (EST)	02:55 -1.7L 08:32 8.4H 15:24 -1.4L 20:59 8.1H	24 Sa (EST)	02:55 0.0L 08:37 7.1H 15:17 -0.1L 20:46 7.2H
10 We (EST)	03:25 -1.6L 09:05 8.8H 16:07 -1.2L 21:32 7.3H	25 Th (EST)	03:42 -0.2L 09:29 7.1H 16:19 0.0L 21:37 6.3H	10 Sa (EST)	04:54 -1.9L 10:31 8.3H 17:22 -1.5L 23:02 7.7H	24 Sa (EST)	03:57 -0.2L 09:39 7.0H 16:25 -0.2L 21:47 6.7H	10 Sa (EST)	03:47 -1.8L 09:20 8.4H 16:11 -1.5L 21:48 8.2H	25 Su (EST)	03:34 -0.1L 09:11 7.1H 15:53 -0.2L 21:20 7.4H
11 Th (EST)	04:18 -1.8L 09:57 8.7H 16:56 -1.3L 22:26 7.3H	26 Fr (EST)	04:18 -0.1L 10:04 7.0H 16:54 0.0L 22:13 6.2H	11 Su (EST)	05:44 -1.6L 11:22 7.9H 18:08 -1.3L 23:55 7.5H	25 Su (EST)	04:33 -0.2L 10:11 6.9H 16:59 -0.2L 22:21 6.8H	11 Su (EST)	04:37 -1.7L 10:08 8.1H 16:56 -1.4L 22:36 8.1H	26 Mo (EST)	04:13 -0.1L 09:45 7.0H 16:30 -0.2L 21:54 7.5H
12 Fr (EST)	05:10 -1.7L 10:50 8.5H 17:45 -1.2L 23:23 7.3H	27 Sa (EST)	04:54 0.0L 10:38 6.8H 17:28 0.0L 22:49 6.2H	12 Mo (EST)	06:35 -1.1L 12:13 7.4H 18:55 -0.9L	26 Mo (EST)	05:10 -0.1L 10:45 6.7H 17:33 -0.1L 22:57 6.8H	12 Mo (EST)	05:25 -1.4L 10:55 7.7H 17:39 -1.0L 23:26 7.8H	27 Tu (EST)	04:51 -0.1L 10:19 6.9H 17:06 -0.2L 22:31 7.5H
13 Sa (EST)	06:02 -1.4L 11:45 8.1H 18:34 -1.0L	28 Su (EST)	05:30 0.1L 11:13 6.6H 18:02 0.1L 23:28 6.2H	13 Tu (EST)	00:50 7.2H 07:27 -0.5L 13:05 6.9H 19:43 -0.4L	27 Tu (EST)	05:48 0.0L 11:21 6.5H 18:10 -0.1L 23:37 6.8H	13 Tu (EST)	06:12 -0.9L 11:44 7.2H 18:23 -0.6L	28 We (EST)	05:31 0.0L 10:57 6.7H 17:45 -0.1L 23:13 7.5H
14 Su (EST)	00:21 7.1H 06:55 -0.9L 12:40 7.6H 19:25 -0.7L	29 Mo (EST)	06:08 0.3L 11:51 6.4H 18:39 0.1L	14 We (EST)	01:44 6.9H 08:23 0.1L 13:57 6.4H 20:37 0.1L	28 We (EST)	06:29 0.2L 12:03 6.3H 18:50 0.1L	14 We (EST)	00:16 7.4H 07:00 -0.3L 12:33 6.7H 19:07 0.0L	29 Th (EST)	06:14 0.2L 11:42 6.4H 18:28 0.1L
15 Mo (EST)	01:19 7.0H 07:52 -0.4L 13:35 7.1H 20:19 -0.4L	30 Tu (EST)	00:10 6.2H 06:49 0.4L 12:34 6.2H 19:20 0.2L					15 Th (EST)	01:08 7.0H 07:51 0.4L 13:25 6.2H 19:56 0.5L	30 Fr (EST)	00:03 7.4H 07:02 0.4L 12:35 6.2H 19:18 0.3L
		31 We (EST)	00:58 6.3H 07:37 0.7L 13:22 6.0H 20:08 0.3L							31 Sa (EST)	01:00 7.3H 07:58 0.7L 13:36 6.1H 20:17 0.5L

# Tides: Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides	
Mean Range:	6.8 ft
MHWS	8.0 ft
Mean Tide:	3.7 ft

April, 2001

May, 2001

June, 2001

1  03:03 7.2H Su 10:04 0.8L (EDT) 15:41 6.1H 22:26 0.5L	16 04:10 6.2H Mo 11:05 1.4L (EDT) 16:31 5.8H 23:12 1.6L	1 03:57 7.4H Tu 11:00 0.5L (EDT) 16:40 6.7H 23:26 0.4L	16 04:20 6.2H We 11:10 1.2L (EDT) 16:46 6.1H 23:26 1.6L	1 00:17 0.2L Fr 05:40 7.1H (EDT) 12:37 -0.3L 18:25 7.6H	16 05:14 6.2H Sa 12:02 0.6L (EDT) 17:43 6.9H
2 04:09 7.2H Mo 11:16 0.7L (EDT) 16:48 6.3H 23:38 0.3L	17 05:05 6.2H Tu 12:02 1.3L (EDT) 17:26 5.9H	2 05:00 7.4H We 12:04 0.2L (EDT) 17:43 7.0H	17 05:12 6.2H Th 12:02 1.0L (EDT) 17:38 6.4H	2 01:16 0.0L Sa 06:36 7.1H (EDT) 13:29 -0.5L 19:19 7.9H	17 00:37 1.1L Su 06:06 6.2H (EDT) 12:52 0.3L 18:34 7.3H
3 05:16 7.3H Tu 12:24 0.4L (EDT) 17:56 6.6H	18 00:13 1.4L We 06:00 6.3H (EDT) 12:52 1.1L 18:20 6.2H	3 00:33 0.1L Th 06:02 7.4H (EDT) 13:02 -0.2L 18:44 7.5H	18 00:25 1.4L Fr 06:03 6.3H (EDT) 12:50 0.7L 18:28 6.8H	3 02:11 -0.2L Su 07:30 7.0H (EDT) 14:18 -0.5L 20:09 8.1H	18 01:32 0.8L Mo 06:59 6.4H (EDT) 13:42 0.0L 19:25 7.3H
4 00:46 -0.1L We 06:22 7.5H (EDT) 13:25 -0.1L 19:00 7.1H	19 01:08 1.2L Th 06:52 6.5H (EDT) 13:37 0.8L 19:10 6.6H	4 01:33 -0.3L Fr 07:01 7.5H (EDT) 13:55 -0.5L 19:40 7.9H	19 01:18 1.1L Sa 06:54 6.5H (EDT) 13:36 0.4L 19:16 7.2H	4 03:02 -0.3L Mo 08:20 7.0H (EDT) 15:05 -0.5L 20:55 8.2H	19 02:25 0.4L Tu 07:51 6.5H (EDT) 14:32 -0.3L 20:14 8.3H
5 01:48 -0.6L Th 07:24 7.8H (EDT) 14:19 -0.5L 19:58 7.7H	20 01:57 0.8L Fr 07:40 6.7H (EDT) 14:20 0.5L 19:56 7.0H	5 02:29 -0.6L Sa 07:55 7.6H (EDT) 14:44 -0.7L 20:31 8.3H	20 02:08 0.7L Su 07:42 6.6H (EDT) 14:21 0.1L 20:01 7.6H	5  03:50 -0.4L Tu 09:06 6.9H (EDT) 15:50 -0.8L 21:38 8.1H	20 03:17 0.1L We 08:41 6.7H (EDT) 15:23 -0.5L 21:03 8.5H
6 02:45 -1.0L Fr 08:19 8.0H (EDT) 15:10 -0.9L 20:51 8.2H	21 02:42 0.5L Sa 08:23 6.9H (EDT) 15:01 0.2L 20:37 7.4H	6 03:21 -0.8L Su 08:45 7.6H (EDT) 15:32 -0.8L 21:17 8.5H	21 02:56 0.4L Mo 08:27 6.8H (EDT) 15:05 -0.1L 20:44 8.0H	6 04:36 -0.3L We 09:50 6.8H (EDT) 16:33 -0.2L 22:19 8.0H	21  04:09 -0.2L Th 09:30 6.9H (EDT) 16:14 -0.7L 21:52 8.7H
7  03:39 -1.3L Sa 09:10 8.1H (EDT) 15:59 -1.1L 21:39 8.4H	22 03:26 0.2L Su 09:03 7.0H (EDT) 15:41 0.0L 21:15 7.7H	7  04:10 -0.8L Mo 09:31 7.5H (EDT) 16:17 -0.7L 22:01 8.5H	22  03:43 0.1L Tu 09:10 6.9H (EDT) 15:50 -0.3L 21:26 8.3H	7 05:19 -0.1L Th 10:32 6.6H (EDT) 17:14 0.1L 22:59 7.7H	22 04:59 -0.5L Fr 10:20 7.0H (EDT) 17:06 -0.8L 22:42 8.7H
8 04:30 -1.4L Su 09:57 8.0H (EDT) 16:44 -1.1L 22:25 8.5H	23  04:09 0.0L Mo 09:41 7.1H (EDT) 16:21 -0.2L 21:52 8.0H	8 04:57 -0.7L Tu 10:15 7.3H (EDT) 17:00 -0.5L 22:43 8.3H	23 04:30 -0.1L We 09:53 6.9H (EDT) 16:36 -0.4L 22:09 8.5H	8 05:59 0.1L Fr 11:15 6.4H (EDT) 17:53 0.4L 23:40 7.4H	23 05:49 -0.6L Sa 11:14 7.0H (EDT) 17:57 -0.8L 23:35 8.5H
9 05:17 -1.2L Mo 10:42 7.8H (EDT) 17:28 -0.9L 23:09 8.3H	24 04:51 -0.1L Tu 10:18 7.0H (EDT) 17:02 -0.2L 22:30 8.1H	9 05:41 -0.5L We 10:59 7.0H (EDT) 17:41 -0.2L 23:25 7.9H	24 05:16 -0.3L Th 10:37 6.9H (EDT) 17:23 -0.5L 22:55 8.5H	9 06:39 0.4L Sa 11:59 6.2H (EDT) 18:32 0.7L	24 06:38 -0.6L Su 12:12 7.0H (EDT) 18:50 -0.6L
10 06:03 -0.9L Tu 11:27 7.4H (EDT) 18:10 -0.6L 23:55 8.0H	25 05:33 -0.1L We 10:57 6.9H (EDT) 17:43 -0.2L 23:11 8.1H	10 06:24 -0.1L Th 11:43 6.7H (EDT) 18:21 0.2L	25 06:03 -0.3L Fr 11:26 6.8H (EDT) 18:11 -0.4L 23:45 8.3H	10 00:24 7.1H Su 07:17 0.6L (EDT) 12:46 6.0H 19:11 1.0L	25 00:32 8.3H Mo 07:29 -0.5L (EDT) 13:13 7.0H 19:45 -0.4L
11 06:48 -0.5L We 12:13 7.0H (EDT) 18:51 -0.1L	26 06:17 -0.1L Th 11:40 6.7H (EDT) 18:26 -0.1L 23:57 8.0H	11 00:09 7.5H Fr 07:05 0.3L (EDT) 12:29 6.3H 19:00 0.6L	26 06:52 -0.2L Sa 12:21 6.7H (EDT) 19:01 -0.2L	11 01:10 6.7H Mo 07:57 0.8L (EDT) 13:35 5.9H 19:53 1.2L	26 01:30 8.0H Tu 08:21 -0.4L (EDT) 14:15 7.1H 20:44 -0.1L
12 00:41 7.6H Th 07:32 0.1L (EDT) 13:01 6.5H 19:32 0.4L	27 07:02 0.1L Fr 12:29 6.5H (EDT) 19:13 0.0L	12 00:56 7.1H Sa 07:47 0.7L (EDT) 13:19 6.0H 19:42 1.0L	27 00:41 8.1H Su 07:43 -0.1L (EDT) 13:23 6.6H 19:56 0.0L	12 01:57 6.5H Tu 08:40 1.0L (EDT) 14:25 5.9H 20:41 1.5L	27  02:29 7.7H We 09:17 -0.3L (EDT) 15:14 7.2H 21:47 0.2L
13 01:31 7.1H Fr 08:18 0.6L (EDT) 13:51 6.2H 20:17 0.9L	28 00:50 7.8H Sa 07:52 0.3L (EDT) 13:27 6.4H 20:05 0.3L	13 01:45 6.7H Su 08:32 1.0L (EDT) 14:10 5.9H 20:27 1.4L	28 01:42 7.8H Mo 08:38 0.1L (EDT) 14:26 6.6H 20:56 0.3L	13  02:46 6.3H We 09:26 1.0L (EDT) 15:15 6.0H 21:35 1.6L	28 03:25 7.3H Th 10:16 -0.2L (EDT) 16:11 7.3H 22:54 0.3L
14 02:22 6.7H Sa 09:08 1.1L (EDT) 14:44 5.9H 21:07 1.3L	29 01:49 7.6H Su 08:48 0.5L (EDT) 14:31 6.3H 21:06 0.5L	14 02:36 6.5H Mo 09:21 1.3L (EDT) 15:02 5.8H 21:21 1.6L	29  02:43 7.6H Tu 09:37 0.1L (EDT) 15:28 6.8H 22:03 0.4L	14 03:34 6.2H Th 10:17 1.0L (EDT) 16:04 6.2H 22:37 1.6L	29 04:21 7.1H Fr 11:14 -0.2L (EDT) 17:07 7.4H 23:58 0.3L
15  03:15 6.4H Su 10:05 1.4L (EDT) 15:37 5.8H 22:06 1.6L	30  02:53 7.5H Mo 09:52 0.6L (EDT) 15:36 6.4H 22:15 0.6L	15  03:28 6.3H Tu 10:15 1.3L (EDT) 15:55 5.9H 22:22 1.7L	30 03:43 7.4H We 10:40 0.1L (EDT) 16:28 7.0H 23:12 0.4L	15 04:23 6.2H Fr 11:10 0.8L (EDT) 16:53 6.5H 23:39 1.4L	30 05:15 6.8H Sa 12:10 -0.2L (EDT) 18:03 7.5H
			31 04:42 7.3H Th 11:41 -0.1L (EDT) 17:27 7.3H		

# Tides: Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides	
Mean Range:	6.8 ft
MHWS	8.0 ft
Mean Tide:	3.7 ft

July, 2001

August, 2001

September, 2001

1 Su (EDT)	00:56 0.2L 06:10 6.6H 13:03-0.2L 18:56 7.7H	16 Mo (EDT)	05:23 6.2H 12:13 0.3L 17:56 7.4H	1 We (EDT)	02:18 0.6L 07:30 6.3H 14:16 0.3L 20:11 7.5H	16 Th (EDT)	01:33 0.7L 06:55 6.7H 13:44-0.2L 19:27 8.4H	1 Sa (EDT)	03:18 0.8L 08:39 6.8H 15:21 0.7L 21:10 7.6H	16 Su (EDT)	03:03-0.2L 08:36 8.2H 15:24-0.7L 20:59 9.0H
2 Mo (EDT)	01:51 0.1L 07:04 6.5H 13:52-0.2L 19:47 7.7H	17 Tu (EDT)	00:59 0.9L 06:21 6.3H 13:09 0.0L 18:52 8.3H	2 Th (EDT)	03:05 0.5L 08:19 6.4H 15:02 0.3L 21:55 7.6H	17 Fr (EDT)	02:31 0.2L 07:56 7.1H 14:42-0.6L 20:24 8.8H	2 ○ Su (EDT)	03:58 0.6L 09:20 7.0H 16:02 0.7L 22:47 7.6H	17 ● Mo (EDT)	03:55-0.6L 09:30 8.6H 16:18-0.9L 22:50 9.0H
3 Tu (EDT)	02:41 0.1L 07:55 6.5H 14:40-0.1L 20:33 7.8H	18 We (EDT)	01:57 0.5L 07:19 6.5H 14:05-0.3L 19:48 8.3H	3 Fr (EDT)	03:48 0.4L 09:03 6.5H 15:45 0.4L 21:35 7.6H	18 ● Sa (EDT)	03:26-0.3L 08:53 7.6H 15:39-0.9L 21:18 9.0H	3 Mo (EDT)	04:34 0.6L 09:58 7.1H 16:41 0.7L 22:22 7.6H	18 Tu (EDT)	04:44-0.8L 10:21 8.8H 17:11-0.9L 22:39 8.8H
4 We (EDT)	03:29 0.1L 08:42 6.5H 15:25 0.0L 21:16 7.8H	19 Th (EDT)	02:53 0.1L 08:16 6.8H 15:01-0.7L 20:43 8.6H	4 ○ Sa (EDT)	04:28 0.4L 09:44 6.6H 16:26 0.4L 22:12 7.5H	19 Su (EDT)	04:18-0.6L 09:48 7.9H 16:35-1.1L 22:10 9.0H	4 Tu (EDT)	05:10 0.5L 10:33 7.2H 17:18 0.8L 22:55 7.4H	19 We (EDT)	05:31-0.8L 11:12 8.8H 18:01-0.7L 22:59 9.0H
5 ○ Th (EDT)	04:13 0.1L 09:26 6.5H 16:08 0.1L 21:57 7.7H	20 ● Fr (EDT)	03:47-0.3L 09:11 7.1H 15:56-0.9L 21:35 8.8H	5 Su (EDT)	05:06 0.4L 10:24 6.6H 17:05 0.5L 22:49 7.4H	20 Mo (EDT)	05:09-0.9L 10:41 8.1H 17:28-1.1L 23:02 8.9H	5 We (EDT)	05:44 0.5L 11:09 7.2H 17:55 0.9L 23:29 7.2H	20 Th (EDT)	06:17-0.6L 12:04 8.6H 18:51-0.3L
6 Fr (EDT)	04:55 0.2L 10:08 6.4H 16:49 0.3L 22:36 7.5H	21 Sa (EDT)	04:40-0.6L 10:04 7.3H 16:50-1.1L 22:28 8.9H	6 Mo (EDT)	05:42 0.4L 11:02 6.6H 17:42 0.7L 23:25 7.2H	21 Tu (EDT)	05:57-1.0L 11:36 8.2H 18:20-0.9L 23:54 8.5H	6 Th (EDT)	06:18 0.6L 11:45 7.2H 18:33 1.0L	21 Fr (EDT)	00:20 8.0H 07:03-0.3L 12:58 8.3H 19:42 8.2H
7 Sa (EDT)	05:34 0.3L 10:49 6.3H 17:28 0.4L 23:14 7.3H	22 Su (EDT)	05:31-0.8L 10:59 7.4H 17:43-1.1L 23:21 8.7H	7 Tu (EDT)	06:16 0.5L 11:40 6.6H 18:19 0.8L	22 We (EDT)	06:45-0.9L 12:32 8.2H 19:12-0.6L	7 Fr (EDT)	00:04 7.0H 06:54 0.7L 12:24 7.2H 19:12 1.2L	22 Sa (EDT)	01:13 7.5H 07:50 0.2L 13:53 8.0H 20:35 0.8L
8 Su (EDT)	06:11 0.4L 11:30 6.2H 18:06 0.6L 23:54 7.1H	23 Mo (EDT)	06:20-0.9L 11:56 7.5H 18:37-0.9L	8 We (EDT)	00:01 7.0H 06:50 0.5L 12:20 6.5H 18:56 1.0L	23 Th (EDT)	00:48 8.1H 07:32-0.6L 13:29 8.0H 20:06-0.1L	8 Sa (EDT)	00:44 6.7H 07:32 0.8L 13:09 7.3H 19:56 1.4L	23 Su (EDT)	02:07 7.0H 08:40 0.8L 14:48 7.6H 21:32 1.3L
9 Mo (EDT)	06:47 0.5L 12:13 6.1H 18:44 0.9L	24 Tu (EDT)	00:16 8.4H 07:09-0.9L 12:56 7.5H 19:31-0.6L	9 Th (EDT)	00:39 6.8H 07:26 0.6L 13:02 6.6H 19:37 1.2L	24 Fr (EDT)	01:42 7.6H 08:22-0.2L 14:25 7.8H 21:03 0.5L	9 Su (EDT)	01:31 6.6H 08:16 0.9L 14:00 7.3H 20:48 1.6L	24 ● Mo (EDT)	03:01 6.7H 09:35 1.2L 15:42 7.4H 22:33 1.6L
10 Tu (EDT)	00:35 6.8H 07:24 0.6L 12:58 6.1H 19:23 1.1L	25 We (EDT)	01:12 8.1H 07:59-0.7L 13:55 7.5H 20:27-0.2L	10 Fr (EDT)	01:21 6.5H 08:04 0.7L 13:48 6.7H 20:22 1.3L	25 ● Sa (EDT)	02:37 7.2H 09:15 0.2L 15:20 7.6H 22:04 0.9L	10 ● Mo (EDT)	02:25 6.4H 09:08 1.0L 14:57 7.4H 21:50 1.7L	25 Tu (EDT)	03:55 6.5H 10:36 1.5L 16:36 7.2H 23:35 1.7L
11 We (EDT)	01:18 6.6H 08:01 0.7L 13:44 6.1H 20:06 1.3L	26 Th (EDT)	02:08 7.7H 08:51-0.4L 14:53 7.5H 21:27 0.2L	11 Sa (EDT)	02:06 6.4H 08:48 0.7L 14:37 6.8H 21:15 1.5L	26 Su (EDT)	03:30 6.8H 10:12 0.6L 16:15 7.4H 23:07 1.1L	11 Tu (EDT)	03:24 6.4H 10:09 1.0L 15:57 7.6H 23:00 1.6L	26 We (EDT)	04:49 6.4H 11:38 1.6L 17:31 7.1H
12 Th (EDT)	02:03 6.4H 08:43 0.7L 14:32 6.2H 20:55 1.4L	27 ● Fr (EDT)	03:03 7.2H 09:47-0.2L 15:48 7.5H 22:31 0.5L	12 ● Su (EDT)	02:56 6.3H 09:39 0.7L 15:29 7.0H 22:17 1.5L	27 Mo (EDT)	04:24 6.5H 11:12 0.8L 17:09 7.3H	12 We (EDT)	04:26 6.5H 11:17 0.8L 17:00 7.8H	27 Th (EDT)	00:30 1.6L 05:43 6.4H 12:34 1.5L 18:24 7.2H
13 ● Fr (EDT)	02:49 6.2H 09:29 0.7L 15:19 6.4H 21:52 1.5L	28 Sa (EDT)	03:57 6.9H 10:45 0.0L 16:43 7.4H 23:35 0.6L	13 Mo (EDT)	03:51 6.2H 10:38 0.7L 16:25 7.3H 23:25 1.4L	28 Tu (EDT)	00:08 1.2L 05:18 6.3H 12:10 0.9L 18:04 7.2H	13 Th (EDT)	00:08 1.3L 05:32 6.7H 12:24 0.5L 18:04 8.1H	28 Fr (EDT)	01:19 1.4L 06:37 6.6H 13:25 1.3L 19:13 7.3H
14 Sa (EDT)	03:37 6.2H 10:21 0.7L 16:09 6.7H 22:55 1.4L	29 Su (EDT)	04:50 6.6H 11:42 0.2L 17:37 7.4H	14 Tu (EDT)	04:49 6.3H 11:41 0.5L 17:24 7.6H	29 We (EDT)	01:02 1.2L 06:12 6.3H 13:03 0.9L 18:57 7.3H	14 Fr (EDT)	01:11 0.8L 06:37 7.1H 13:27 0.0L 19:07 8.5H	29 Sa (EDT)	02:03 1.2L 07:26 6.9H 14:11 1.2L 19:59 7.5H
15 Su (EDT)	04:28 6.1H 11:16 0.5L 17:01 7.0H 23:58 1.2L	30 Mo (EDT)	00:34 0.7L 05:44 6.4H 12:37 0.2L 18:32 7.4H	15 We (EDT)	00:31 1.1L 05:52 6.4H 12:43 0.2L 18:26 8.0H	30 Th (EDT)	01:52 1.0L 07:05 6.4H 13:53 0.8L 19:46 7.4H	15 Sa (EDT)	02:09 0.3L 07:39 7.6H 14:27-0.4L 20:05 8.8H	30 Su (EDT)	02:44 1.0L 08:11 7.2H 14:55 1.0L 20:40 7.6H
		31 Tu (EDT)	01:28 0.6L 06:38 6.3H 13:28 0.3L 19:24 7.4H			31 Fr (EDT)	02:37 0.9L 07:54 6.6H 14:38 0.8L 20:30 7.5H				

# Tides:Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides  
Mean Range: 6.8 ft  
MHWS 8.0 ft  
Mean Tide: 3.7 ft

October, 2001

November, 2001

December, 2001

1 Mo (EDT)	03:23 0.8L 08:52 7.4H 15:36 0.9L 21:17 7.6H	16 Tu (EDT)	03:30-0.6L 09:11 8.9H 16:02-0.7L 21:28 8.7H	1 Th (EST)	03:03 0.4L 08:37 8.1H 15:32 0.7L 20:59 7.3H	16 Fr (EST)	03:40-0.6L 09:25 8.7H 16:21-0.3L 21:38 7.5H	1 Sa (EST)	03:17-0.2L 08:52 8.3H 15:54 0.2L 21:15 6.9H	16 Su (EST)	04:01-0.4L 09:47 7.9H 16:44-0.2L 21:58 6.7H
2 Tu (EDT)	04:00 0.6L 09:30 7.6H 16:16 0.8L 21:53 7.6H	17 We (EDT)	04:18-0.7L 10:00 9.1H 16:53-0.7L 22:16 8.5H	2 Fr (EST)	03:43 0.3L 09:13 8.2H 16:13 0.6L 22:35 7.2H	17 Sa (EST)	04:24-0.3L 10:10 8.4H 17:06 0.0L 22:24 7.2H	2 Su (EST)	04:01-0.3L 09:34 8.4H 16:39 0.1L 22:59 6.9H	17 Mo (EST)	04:42-0.1L 10:29 7.6H 17:24 0.1L 22:42 6.4H
3 We (EDT)	04:36 0.6L 10:05 7.8H 16:55 0.8L 22:26 7.5H	18 Th (EDT)	05:05-0.6L 10:48 9.0H 17:42-0.5L 23:03 8.1H	3 Sa (EST)	04:22 0.3L 09:51 8.2H 16:55 0.7L 22:14 7.0H	18 Su (EST)	05:07 0.0L 10:56 8.0H 17:50 0.4L 23:11 6.8H	3 Mo (EST)	04:47-0.3L 10:20 8.3H 17:25 0.1L 22:47 6.8H	18 Tu (EST)	05:21 0.2L 11:12 7.3H 18:03 0.4L 23:27 6.2H
4 Th (EDT)	05:12 0.5L 10:39 7.9H 17:33 0.9L 23:00 7.3H	19 Fr (EDT)	05:50-0.4L 11:36 8.7H 18:29-0.1L 23:51 7.7H	4 Su (EST)	05:04 0.3L 10:33 8.2H 17:38 0.8L 22:59 6.8H	19 Mo (EST)	05:48 0.5L 11:44 7.6H 18:34 0.8L	4 Tu (EST)	05:34-0.2L 11:11 8.1H 18:13 0.2L 23:43 6.7H	19 We (EST)	06:00 0.5L 11:57 6.9H 18:42 0.6L
5 Fr (EDT)	05:48 0.6L 11:14 7.9H 18:12 1.0L 23:36 7.1H	20 Sa (EDT)	06:34 0.0L 12:26 8.3H 19:16 0.4L	5 Mo (EST)	05:48 0.5L 11:22 8.1H 18:25 0.9L 23:52 6.6H	20 Tu (EST)	00:01 6.5H 06:31 0.9L 12:34 7.2H 19:19 1.1L	5 We (EST)	06:25-0.1L 12:08 7.9H 19:04 0.3L	20 Th (EST)	00:14 6.0H 06:40 0.8L 12:43 6.6H 19:23 0.8H
6 Sa (EDT)	06:26 0.7L 11:54 7.8H 18:53 1.1L	21 Su (EDT)	00:42 7.2H 07:18 0.5L 13:18 7.9H 20:05 0.9L	6 Tu (EST)	06:36 0.6L 12:19 7.9H 19:17 1.1L	21 We (EST)	00:53 6.2H 07:16 1.3L 13:25 6.9H 20:08 1.4L	6 Th (EST)	00:44 6.6H 07:21 0.2L 13:08 7.7H 20:00 0.3L	21 Fr (EST)	01:03 5.9H 07:24 1.2L 13:30 6.3H 20:08 1.0L
7 Su (EDT)	00:16 6.9H 07:06 0.8L 12:40 7.8H 19:38 1.3L	22 Mo (EDT)	01:35 6.8H 08:05 1.0L 14:12 7.5H 20:56 1.4L	7 We (EST)	00:53 6.6H 07:32 0.8L 13:20 7.8H 20:17 1.1L	22 Th (EST)	01:45 6.1H 08:07 1.6L 14:16 6.7H 21:00 1.5L	7 Fr (EST)	01:47 6.7H 08:23 0.4L 14:08 7.5H 21:01 0.3L	22 Sa (EST)	01:53 5.9H 08:14 1.4L 14:18 6.1H 20:57 1.0L
8 Mo (EDT)	01:06 6.7H 07:52 0.9L 13:34 7.7H 20:30 1.5L	23 Tu (EDT)	02:29 6.5H 09:05 1.5L 15:05 7.2H 21:53 1.7L	8 Th (EST)	01:58 6.6H 08:36 0.9L 14:23 7.7H 21:22 1.0L	23 Fr (EST)	02:37 6.1H 09:05 1.8L 15:06 6.5H 21:55 1.5L	8 Sa (EST)	02:49 6.9H 09:31 0.5L 15:07 7.3H 22:04 0.2L	23 Su (EST)	02:43 6.0H 09:13 1.5L 15:07 6.0H 21:50 0.9L
9 Tu (EDT)	02:04 6.5H 08:46 1.1L 14:35 7.7H 21:31 1.6L	24 We (EDT)	03:22 6.3H 09:53 1.8L 15:58 7.0H 22:52 1.8L	9 Fr (EST)	03:02 6.8H 09:46 0.8L 15:25 7.7H 22:28 0.8L	24 Sa (EST)	03:29 6.2H 10:08 1.8L 15:57 6.5H 22:47 1.3L	9 Su (EST)	03:50 7.1H 10:40 0.3L 16:06 7.2H 23:05-0.1L	24 Mo (EST)	03:33 6.1H 10:16 1.5L 15:57 5.9H 22:44 0.8L
10 We (EDT)	03:07 6.5H 09:50 1.1L 15:38 7.8H 22:40 1.5L	25 Th (EDT)	04:16 6.3H 10:56 1.9L 16:51 6.9H 23:48 1.7L	10 Sa (EST)	04:06 7.2H 10:55 0.6L 16:27 7.8H 23:28 0.3L	25 Su (EST)	04:20 6.4H 11:07 1.7L 16:47 6.5H 23:35 1.0L	10 Mo (EST)	04:51 7.4H 11:44 0.1L 17:05 7.2H	25 Tu (EST)	04:25 6.4H 11:17 1.3L 16:50 6.0H 23:36 0.5L
11 Th (EDT)	04:12 6.7H 11:00 1.0L 16:42 7.9H 23:48 1.2L	26 Fr (EDT)	05:09 6.4H 11:57 1.8L 17:43 6.9H	11 Su (EST)	05:08 7.6H 11:59 0.2L 17:27 7.9H	26 Mo (EST)	05:11 6.7H 12:01 1.4L 17:37 6.6H	11 Tu (EST)	00:01-0.3L 05:50 7.7H 12:42-0.1L 18:02 7.1H	26 We (EST)	05:17 6.7H 12:13 1.0L 17:43 6.1H
12 Fr (EDT)	05:18 7.0H 12:09 0.7L 17:46 8.1H	27 Sa (EDT)	00:38 1.5L 06:02 6.6H 12:51 1.6L 18:34 7.0H	12 Mo (EST)	00:24-0.1L 06:07 8.1H 12:58-0.1L 18:24 8.0H	27 Tu (EST)	00:21 0.7L 06:00 7.1H 12:51 1.1L 18:25 6.7H	12 We (EST)	00:53-0.5L 06:45 8.0H 13:36-0.3L 18:56 7.1H	27 Th (EST)	00:26 0.2L 06:09 7.1H 13:07 0.6L 18:35 6.3H
13 Sa (EDT)	00:50 0.7L 06:23 7.5H 13:13 0.2L 18:47 8.4H	28 Su (EST)	00:22 1.2L 05:52 6.9H 12:39 1.4L 18:21 7.1H	13 Tu (EST)	01:16-0.4L 07:02 8.5H 13:52-0.4L 19:17 8.0H	28 We (EST)	01:05 0.4L 06:46 7.5H 13:38 0.8L 19:11 6.8H	13 Th (EST)	01:44-0.7L 07:35 8.2H 14:28-0.4L 19:46 7.1H	28 Fr (EST)	01:16-0.1L 06:59 7.5H 13:58 0.3L 19:24 6.5H
14 Su (EDT)	01:47 0.2L 07:24 8.0H 14:12-0.2L 19:45 8.6H	29 Mo (EST)	01:04 0.9L 06:39 7.3H 13:25 1.1L 19:05 7.3H	14 We (EST)	02:06-0.6L 07:52 8.8H 14:45-0.5L 20:06 8.0H	29 Th (EST)	01:49 0.2L 07:29 7.8H 14:24 0.5L 19:53 6.9H	14 Fr (EST)	02:32-0.7L 08:21 8.2H 15:16-0.4L 20:32 7.1H	29 Sa (EST)	02:05-0.5L 07:47 7.9H 14:47-0.1L 20:11 6.7H
15 Mo (EDT)	02:40-0.3L 08:19 8.5H 15:08-0.5L 20:38 8.7H	30 Tu (EST)	01:44 0.7L 07:21 7.6H 14:08 0.9L 19:45 7.4H	15 Th (EST)	02:54-0.7L 08:39 8.9H 15:34-0.5L 20:53 7.8H	30 Fr (EST)	02:33 0.0L 08:11 8.1H 15:09 0.3L 20:34 7.0H	15 Sa (EST)	03:17-0.6L 09:05 8.1H 16:01-0.3L 21:15 6.9H	30 Su (EST)	02:55-0.8L 08:33 8.2H 15:36-0.4L 20:58 6.8H
		31 We (EST)	02:24 0.5L 08:00 7.9H 14:50 0.8L 20:23 7.4H							31 Mo (EST)	03:44-1.0L 09:20 8.4H 16:23-0.6L 21:45 6.9H

# Tides: Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides	
Mean Range:	6.8 ft
MHWS	8.0 ft
Mean Tide:	3.7 ft

January, 2002

February, 2002

March, 2002

1 Tu (EST)	04:32-1.1L 10:09 8.4H 17:10-0.7L 22:36 6.9H	16 We (EST)	04:57 0.0L 10:44 6.9H 17:33 0.1L 22:56 6.1H	1 Fr (EST)	05:59-1.4L 11:37 7.9H 18:25-1.2L	15 Fr (EST)	05:09 0.0L 10:51 6.6H 17:34 0.0L 23:01 6.4H	1 Fr (EST)	04:53-1.8L 10:25 8.2H 17:14-1.5L 22:54 8.1H	16 Sa (EST)	04:45 0.1L 10:20 6.7H 17:01 0.0L 22:28 7.0H
2 We (EST)	05:22-1.0L 11:00 8.2H 17:58-0.7L 23:32 6.9H	17 Th (EST)	05:33 0.2L 11:23 6.7H 18:08 0.3L 23:38 6.0H	2 Sa (EST)	00:11 7.3H 06:52-1.0L 12:31 7.4H 19:14-0.9L	16 Sa (EST)	05:43 0.2L 11:26 6.4H 18:07 0.1L 23:39 6.3H	2 Sa (EST)	05:43-1.5L 11:15 7.8H 18:00-1.3L 23:48 7.9H	17 Su (EST)	05:19 0.2L 10:53 6.4H 17:34 0.2L 23:03 6.9H
3 Th (EST)	06:13-0.9L 11:55 7.9H 18:47-0.6L	18 Fr (EST)	06:10 0.5L 12:04 6.4H 18:44 0.4L	3 Su (EST)	01:09 7.2H 07:48-0.5L 13:26 7.0H 20:07-0.6L	17 Su (EST)	06:19 0.4L 12:04 6.1H 18:42 0.3L	3 Su (EST)	06:34-1.1L 12:08 7.3H 18:48-0.9L	18 Mo (EST)	05:55 0.4L 11:28 6.2H 18:10 0.3L 23:42 6.8H
4 Fr (EST)	00:30 6.9H 07:07-0.5L 12:51 7.6H 19:39-0.5L	19 Sa (EST)	00:21 5.9H 06:49 0.7L 12:47 6.1H 19:22 0.5L	4 Mo (EST)	02:07 7.1H 08:51 0.0L 14:22 6.5H 21:06-0.2L	18 Mo (EST)	00:21 6.3H 06:59 0.7L 12:46 5.8H 19:22 0.5L	4 Mo (EST)	00:44 7.6H 07:28-0.5L 13:03 6.8H 19:39-0.4L	19 Tu (EST)	06:34 0.6L 12:09 6.0H 18:49 0.5L
5 Sa (EST)	01:30 6.9H 08:07-0.2L 13:48 7.2H 20:35-0.3L	20 Su (EST)	01:07 5.9H 07:33 1.0L 13:31 5.8H 20:05 0.6L	5 Tu (EST)	03:06 6.9H 09:58 0.3L 15:19 6.2H 22:09 0.0L	19 Tu (EST)	01:07 6.3H 07:46 1.0L 13:33 5.6H 20:09 0.6L	5 Tu (EST)	01:42 7.2H 08:27 0.1L 13:59 6.4H 20:36 0.1L	20 We (EST)	00:28 6.8H 07:19 0.9L 12:57 5.8H 19:36 0.7H
6 Su (EST)	02:30 6.9H 09:12 0.1L 14:44 6.9H 21:35-0.2L	21 Mo (EST)	01:55 5.9H 08:25 1.2L 14:19 5.7H 20:56 0.7L	6 We (EST)	04:06 6.8H 11:05 0.4L 16:18 5.9H 23:12 0.1L	20 We (EST)	01:58 6.3H 08:44 1.2L 14:26 5.5H 21:07 0.7L	6 We (EST)	02:40 6.9H 09:33 0.6L 14:56 6.0H 21:41 0.5L	21 Th (EST)	01:22 6.7H 08:14 1.1L 13:54 5.7H 20:34 0.8L
7 Mo (EST)	03:29 7.0H 10:20 0.2L 15:42 6.6H 22:36-0.2L	22 Tu (EST)	02:45 6.0H 09:27 1.3L 15:10 5.5H 21:52 0.6L	7 Th (EST)	05:07 6.7H 12:06 0.3L 17:18 5.8H	21 Th (EST)	02:55 6.4H 09:52 1.2L 15:25 5.5H 22:13 0.6L	7 Th (EST)	03:40 6.6H 10:40 0.8L 15:55 5.8H 22:48 0.6L	22 Fr (EST)	02:22 6.7H 09:22 1.2L 14:57 5.7H 21:43 0.8L
8 Tu (EST)	04:29 7.1H 11:25 0.2L 16:40 6.4H 23:35-0.3L	23 We (EST)	03:38 6.2H 10:34 1.2L 16:06 5.5H 22:52 0.4L	8 Fr (EST)	00:11 0.0L 06:07 6.8H 13:01 0.2L 18:15 5.9H	22 Fr (EST)	03:56 6.6H 11:03 1.0L 16:29 5.6H 23:19 0.2L	8 Fr (EST)	04:42 6.5H 11:42 0.7L 16:55 5.8H 23:50 0.6L	23 Sa (EST)	03:26 6.9H 10:34 1.0L 16:03 5.9H 22:54 0.5L
9 We (EST)	05:28 7.2H 12:24 0.1L 17:38 6.3H	24 Th (EST)	04:35 6.5H 11:38 1.0L 17:04 5.6H 23:50 0.1L	9 Sa (EST)	01:05-0.1L 07:01 6.9H 13:50 0.1L 19:08 6.1H	23 Sa (EST)	05:01 6.9H 12:08 0.6L 17:34 6.0H	9 Sa (EST)	05:43 6.5H 12:36 0.6L 17:53 5.9H	24 Su (EST)	04:33 7.1H 11:40 0.6L 17:10 6.4H
10 Th (EST)	00:30-0.4L 06:26 7.3H 13:19-0.1L 18:34 6.3H	25 Fr (EST)	05:34 6.9H 12:37 0.6L 18:03 5.9H	10 Su (EST)	01:54-0.2L 07:48 7.0H 14:35 0.0L 19:53 6.2H	24 Su (EST)	00:22-0.2L 06:04 7.4H 13:07 0.1L 18:35 6.5H	10 Su (EST)	00:45 0.4L 06:37 6.6H 13:24 0.4L 18:46 6.1H	25 Mo (EST)	00:01 0.0L 05:38 7.5H 12:40 0.1L 18:13 7.0H
11 Fr (EST)	01:22-0.4L 07:18 7.4H 14:10-0.2L 19:26 6.3H	26 Sa (EST)	00:47-0.3L 06:31 7.4H 13:33 0.1L 18:59 6.2H	11 Mo (EST)	02:38-0.3L 08:29 7.1H 15:16-0.1L 20:35 6.4H	25 Mo (EST)	01:21-0.8L 07:03 7.9H 14:01-0.5L 19:31 7.0H	11 Mo (EST)	01:33 0.2L 07:23 6.8H 14:07 0.2L 19:31 6.4H	26 Tu (EST)	01:02-0.6L 06:39 7.9H 13:34-0.5L 19:10 7.6H
12 Sa (EST)	02:11-0.5L 08:05 7.5H 14:57-0.2L 20:12 6.4H	27 Su (EST)	01:42-0.7L 07:25 7.8H 14:26-0.4L 19:51 6.6H	12 Tu (EST)	03:20-0.3L 09:06 7.1H 15:54-0.2L 21:13 6.5H	26 Tu (EST)	02:17-1.3L 07:57 8.3H 14:52-1.0L 20:23 7.5H	12 Tu (EST)	02:17 0.1L 08:04 7.0H 14:46 0.1L 20:11 6.7H	27 We (EST)	01:59-1.1L 07:34 8.2H 14:26-1.0L 20:03 8.2H
13 Su (EST)	02:57-0.4L 08:47 7.5H 15:41-0.2L 20:55 6.4H	28 Mo (EST)	02:35-1.2L 08:16 8.2H 15:16-0.8L 20:41 7.0H	13 We (EST)	03:58-0.3L 09:42 7.0H 16:29-0.2L 21:49 6.5H	27 We (EST)	03:11-1.7L 08:47 8.5H 15:41-1.4L 21:13 7.9H	13 We (EST)	02:57 0.0L 08:40 7.0H 15:22 0.0L 20:48 6.9H	28 Th (EST)	02:53-1.5L 08:25 8.4H 15:15-1.3L 20:53 8.6H
14 Mo (EST)	03:40-0.4L 09:27 7.4H 16:21-0.2L 21:35 6.3H	29 Tu (EST)	03:27-1.5L 09:05 8.4H 16:04-1.1L 21:31 7.3H	14 Th (EST)	04:34-0.2L 10:16 6.9H 17:02-0.1L 22:25 6.5H	28 Th (EST)	04:03-1.9L 09:36 8.5H 16:28-1.6L 22:03 8.1H	14 Th (EST)	03:35-0.1L 09:15 7.0H 15:56-0.1L 21:22 7.0H	29 Fr (EST)	03:46-1.7L 09:14 8.4H 16:03-1.5L 21:42 8.7H
15 Tu (EST)	04:19-0.2L 10:06 7.2H 16:58 0.0L 22:15 6.2H	30 We (EST)	04:18-1.7L 09:54 8.4H 16:51-1.3L 22:22 7.4H					15 Fr (EST)	04:11 0.0L 09:48 6.9H 16:29 0.0L 21:55 7.0H	30 Sa (EST)	04:36-1.6L 10:02 8.1H 16:49-1.4L 22:31 8.6H
		31 Th (EST)	05:08-1.7L 10:45 8.2H 17:38-1.3L 23:15 7.4H							31 Su (EST)	05:26-1.3L 10:52 7.7H 17:35-1.0L 23:23 8.3H

# Tides:Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides  
Mean Range: 6.8 ft  
MHWS 8.0 ft  
Mean Tide: 3.7 ft

April, 2002

May, 2002

June, 2002

1 Mo (EDT)	00:23 8.3H 07:15-0.8L 12:44 7.2H 19:22-0.5L	16 Tu (EDT)	06:36 0.5L 12:01 6.2H 18:44 0.4L	1 We (EDT)	00:52 7.8H 07:44 0.0L 13:14 6.5H 19:44 0.4L	16 Th (EDT)	07:03 0.5L 12:29 6.1H 19:11 0.4L	1 Sa (EDT)	02:10 6.8H 08:55 0.8L 14:35 6.0H 20:57 1.4L	16 Su (EDT)	01:34 7.6H 08:29 0.1L 14:17 6.6H 20:50 0.4L
2 Tu (EDT)	01:18 7.8H 08:07-0.2L 13:39 6.7H 20:11 0.1L	17 We (EDT)	00:14 7.3H 07:16 0.6L 12:43 6.1H 19:26 0.6L	2 Th (EDT)	01:47 7.3H 08:36 0.6L 14:11 6.2H 21:36 1.0L	17 Fr (EDT)	00:47 7.5H 07:50 0.6L 13:25 6.1H 20:02 0.6L	2 Su (EDT)	03:01 6.5H 09:45 1.0L 15:27 6.0H 22:56 1.6L	17 Mo (EDT)	02:32 7.4H 09:24 0.0L 15:16 6.9H 21:54 0.5L
3 We (EDT)	02:15 7.3H 09:02 0.4L 14:36 6.3H 21:07 0.6L	18 Th (EDT)	01:02 7.2H 08:02 0.8L 13:36 5.9H 20:14 0.8L	3 Fr (EDT)	02:43 6.9H 09:31 1.0L 15:07 6.0H 21:35 1.4L	18 Sa (EDT)	01:45 7.4H 08:43 0.6L 14:27 6.2H 21:01 0.7L	3 Mo (EDT)	03:51 6.3H 10:38 1.0L 16:17 6.1H 22:58 1.7L	18 Tu (EDT)	03:30 7.3H 10:23-0.1L 16:15 7.2H 23:02 0.4L
4 Th (EDT)	03:13 6.9H 10:04 0.9L 15:33 6.0H 22:10 1.0L	19 Fr (EDT)	01:58 7.1H 08:56 1.0L 14:36 5.9H 21:13 0.9L	4 Sa (EDT)	03:39 6.6H 10:31 1.2L 16:02 6.0H 22:41 1.6L	19 Su (EDT)	02:46 7.3H 09:43 0.6L 15:29 6.4H 22:08 0.7L	4 Tu (EDT)	04:40 6.2H 11:29 1.0L 17:07 6.3H 23:57 1.6L	19 We (EDT)	04:27 7.1H 11:23-0.2L 17:13 7.5H
5 Fr (EDT)	04:12 6.6H 11:10 1.1L 16:31 5.9H 23:19 1.2L	20 Sa (EDT)	03:00 7.1H 10:00 1.0L 15:40 6.1H 22:23 0.8L	5 Su (EDT)	04:33 6.4H 11:29 1.2L 16:56 6.1H 23:46 1.5L	20 Mo (EDT)	03:47 7.3H 10:46 0.4L 16:30 6.8H 23:18 0.5L	5 We (EDT)	05:29 6.1H 12:16 0.8L 17:56 6.6H	20 Th (EDT)	00:08 0.2L 05:25 7.0H 12:21-0.4L 18:11 7.8H
6 Sa (EDT)	05:11 6.4H 12:11 1.1L 17:29 5.9H	21 Su (EDT)	04:04 7.1H 11:09 0.8L 16:45 6.4H 23:35 0.6L	6 Mo (EDT)	05:26 6.3H 12:21 1.0L 17:48 6.3H	21 Tu (EDT)	04:48 7.3H 11:48 0.1L 17:31 7.3H	6 Th (EDT)	00:50 1.3L 06:19 6.1H 13:01 0.6L 18:44 6.9H	21 Fr (EDT)	01:09 0.0L 06:24 6.9H 13:16-0.6L 19:08 8.1H
7 Su (EDT)	00:23 1.1L 06:08 6.4H 13:04 0.9L 18:25 6.1H	22 Mo (EDT)	05:09 7.3H 12:14 0.4L 17:50 6.9H	7 Tu (EDT)	00:42 1.3L 06:17 6.3H 13:06 0.8L 18:39 6.6H	22 We (EDT)	00:25 0.2L 05:48 7.3H 12:46-0.3L 18:31 7.8H	7 Fr (EDT)	01:39 1.1L 07:08 6.2H 13:45 0.4L 19:30 7.2H	22 Sa (EDT)	02:06-0.2L 07:21 6.9H 14:09-0.7L 20:03 8.3H
8 Mo (EDT)	01:18 0.9L 07:02 6.5H 13:49 0.7L 19:16 6.4H	23 Tu (EDT)	00:42 0.1L 06:13 7.5H 13:13-0.1L 18:52 7.5H	8 We (EDT)	01:32 1.1L 07:06 6.4H 13:48 0.6L 19:25 6.9H	23 Th (EDT)	01:26-0.2L 06:47 7.4H 13:40-0.6L 19:28 8.2H	8 Sa (EDT)	02:25 0.8L 07:54 6.3H 14:28 0.2L 20:13 7.5H	23 Su (EDT)	03:00-0.4L 08:15 6.9H 15:01-0.6L 20:53 8.4H
9 Tu (EDT)	02:06 0.7L 07:49 6.7H 14:31 0.5L 20:02 6.7H	24 We (EDT)	01:44-0.4L 07:13 7.8H 14:07-0.6L 19:49 8.1H	9 Th (EDT)	02:17 0.8L 07:52 6.5H 14:28 0.4L 20:08 7.3H	24 Fr (EDT)	02:23-0.6L 07:44 7.5H 14:32-0.9L 20:21 8.6H	9 Su (EDT)	03:10 0.6L 08:38 6.4H 15:12 0.1L 20:54 7.8H	24 Mo (EDT)	03:52-0.4L 09:06 6.9H 15:51-0.5L 21:41 8.3H
10 We (EDT)	02:50 0.5L 08:31 6.8H 15:09 0.3L 20:42 7.1H	25 Th (EDT)	02:41-0.9L 08:09 8.0H 14:59-1.0L 20:42 8.6H	10 Fr (EDT)	02:59 0.6L 08:33 6.6H 15:07 0.2L 20:47 7.5H	25 Sa (EDT)	03:18-0.8L 08:37 7.5H 15:23-1.0L 21:11 8.8H	10 Mo (EDT)	03:54 0.4L 09:19 6.4H 15:55 0.0L 21:34 8.0H	25 Tu (EDT)	04:41-0.4L 09:55 6.8H 16:39-0.4L 22:27 8.1H
11 Th (EDT)	03:31 0.3L 09:09 6.9H 15:46 0.1L 21:19 7.3H	26 Fr (EDT)	03:36-1.2L 09:01 8.0H 15:48-1.2L 21:32 8.9H	11 Sa (EDT)	03:41 0.4L 09:12 6.7H 15:46 0.2L 21:24 7.7H	26 Su (EDT)	04:10-0.9L 09:27 7.4H 16:12-0.9L 21:59 8.7H	11 Tu (EDT)	04:38 0.3L 10:00 6.4H 16:40 0.0L 22:15 8.1H	26 We (EDT)	05:28-0.3L 10:42 6.6H 17:25-0.1L 23:13 7.8H
12 Fr (EDT)	04:09 0.2L 09:45 6.9H 16:22 0.1L 21:53 7.5H	27 Sa (EDT)	04:28-1.3L 09:50 8.0H 16:37-1.2L 22:20 8.9H	12 Su (EDT)	04:21 0.3L 09:49 6.6H 16:25 0.1L 21:59 7.8H	27 Mo (EDT)	05:00-0.8L 10:16 7.2H 17:00-0.7L 22:47 8.5H	12 We (EDT)	05:22 0.2L 10:42 6.4H 17:25-0.1L 22:57 8.0H	27 Th (EDT)	06:11-0.1L 11:30 6.4H 18:09 0.2L 23:59 7.4H
13 Sa (EDT)	04:46 0.2L 10:18 6.8H 16:56 0.1L 22:26 7.5H	28 Su (EDT)	05:18-1.2L 10:39 7.7H 17:24-1.0L 23:08 8.7H	13 Mo (EDT)	05:00 0.3L 10:24 6.5H 17:04 0.2L 22:35 7.9H	28 Tu (EDT)	05:48-0.6L 11:05 6.9H 17:47-0.3L 23:35 8.1H	13 Th (EDT)	06:05 0.1L 11:27 6.4H 18:11 0.0L 23:45 7.9H	28 Fr (EDT)	06:53 0.2L 12:18 6.2H 18:51 0.6L
14 Su (EDT)	05:22 0.2L 10:51 6.7H 17:31 0.2L 22:59 7.5H	29 Mo (EDT)	06:07-0.9L 11:28 7.4H 18:10-0.6L 23:59 8.3H	14 Tu (EDT)	05:40 0.3L 11:01 6.4H 17:43 0.2L 23:13 7.8H	29 We (EDT)	06:34-0.2L 11:55 6.6H 18:32 0.1L	14 Fr (EDT)	06:50 0.1L 12:19 6.4H 18:59 0.1L	29 Sa (EDT)	00:46 7.1H 07:34 0.4L 13:08 6.1H 19:34 1.0L
15 Mo (EDT)	05:58 0.3L 11:24 6.5H 18:06 0.3L 23:34 7.4H	30 Tu (EDT)	06:55-0.5L 12:20 6.9H 18:57-0.1L	15 We (EDT)	06:20 0.4L 11:41 6.3H 18:25 0.3L 23:56 7.7H	30 Th (EDT)	00:26 7.6H 07:20 0.2L 12:48 6.3H 19:18 0.6L	15 Sa (EDT)	00:37 7.8H 07:38 0.1L 13:17 6.4H 19:52 0.2L	30 Su (EDT)	01:33 6.7H 08:15 0.7L 13:58 6.1H 20:19 1.3L
						31 Fr (EDT)	01:18 7.2H 08:06 0.5L 13:42 6.1H 20:05 1.0L				

# Tides:Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides  
Mean Range: 6.8 ft  
MHWS 8.0 ft  
Mean Tide: 3.7 ft

July, 2002

August, 2002

September, 2002

1 Mo (EDT)	02:20 6.4H 08:58 0.8L 14:47 6.1H 21:09 1.5L	16 Tu (EDT)	02:16 7.5H 09:02-0.3L 15:00 7.3H 21:39 0.3L	1 Th (EDT)	03:07 6.0H 09:39 1.0L 15:35 6.5H 22:13 1.8L	16 Fr (EDT)	03:50 6.9H 10:35 0.2L 16:36 7.7H 23:33 0.8L	1 Su (EDT)	04:06 6.0H 10:47 1.2L 16:37 7.2H 23:38 1.8L	16 Mo (EDT)	00:16 1.2L 05:29 6.5H 12:21 1.0L 18:15 7.5H
2 Tu (EDT)	03:07 6.2H 09:44 0.9L 15:34 6.2H 22:05 1.7L	17 We (EDT)	03:12 7.2H 09:59-0.2L 15:57 7.5H 22:45 0.4L	2 Fr (EDT)	03:55 5.9H 10:32 1.0L 16:24 6.7H 23:15 1.8L	17 Sa (EDT)	04:47 6.6H 11:38 0.3L 17:35 7.6H	2 Mo (EDT)	05:04 6.1H 11:50 1.0L 17:35 7.4H	17 Tu (EDT)	01:12 1.1L 06:27 6.6H 13:18 0.9L 19:10 7.5H
3 We (EDT)	03:53 6.0H 10:33 0.9L 16:22 6.4H 23:05 1.7L	18 Th (EDT)	04:08 7.0H 10:59-0.2L 16:55 7.6H 23:51 0.4L	3 Sa (EDT)	04:46 5.9H 11:27 0.9L 17:16 6.9H	18 Su (EDT)	00:36 0.8L 05:46 6.5H 12:38 0.4L 18:35 7.6H	3 Tu (EDT)	00:41 1.5L 06:05 6.4H 12:52 0.7L 18:35 7.8H	18 We (EDT)	02:01 0.9L 07:21 6.8H 14:09 0.8L 19:58 7.6H
4 Th (EDT)	04:42 5.9H 11:23 0.8L 17:10 6.6H	19 Fr (EDT)	05:05 6.7H 11:58-0.2L 17:53 7.7H	4 Su (EDT)	00:16 1.6L 05:41 5.9H 12:24 0.7L 18:10 7.2H	19 Mo (EDT)	01:32 0.7L 06:45 6.5H 13:34 0.3L 19:31 7.7H	4 We (EDT)	01:39 1.0L 07:05 6.8H 13:50 0.2L 19:33 8.2H	19 Th (EDT)	02:46 0.8L 08:09 7.0H 14:55 0.8L 20:41 7.5H
5 Fr (EDT)	00:03 1.5L 05:31 5.9H 12:13 0.6L 18:00 6.9H	20 Sa (EDT)	00:52 0.3L 06:03 6.6H 12:55-0.2L 18:51 7.8H	5 Mo (EDT)	01:14 1.3L 06:37 6.1H 13:19 0.4L 19:06 7.6H	20 Tu (EDT)	02:25 0.6L 07:40 6.6H 14:27 0.3L 20:21 7.7H	5 Th (EDT)	02:32 0.5L 08:02 7.3H 14:47-0.2L 20:26 8.6H	20 Fr (EDT)	03:27 0.6L 08:52 7.2H 15:38 0.7L 21:19 7.7H
6 Sa (EDT)	00:57 1.3L 06:23 5.9H 13:03 0.5L 18:49 7.2H	21 Su (EDT)	01:50 0.2L 07:01 6.5H 13:50-0.2L 19:47 7.9H	6 Tu (EDT)	02:08 0.9L 07:33 6.3H 14:13 0.1L 19:59 8.0H	21 We (EDT)	03:12 0.4L 08:30 6.7H 15:15 0.3L 21:06 7.8H	6 Fr (EDT)	03:24 0.0L 08:54 7.8H 15:41-0.6L 21:17 8.9H	21 Sa (EDT)	04:05 0.6L 09:31 7.4H 16:18 0.8L 21:55 7.6H
7 Su (EDT)	01:49 1.0L 07:15 6.0H 13:52 0.3L 19:38 7.5H	22 Mo (EDT)	02:43 0.1L 07:57 6.6H 14:43-0.2L 20:38 8.0H	7 We (EDT)	03:00 0.5L 08:26 6.7H 15:07-0.2L 20:49 8.4H	22 Th (EDT)	03:57 0.4L 09:15 6.9H 16:00 0.4L 21:46 7.8H	7 Sa (EDT)	04:13-0.4L 09:45 8.2H 16:34-0.8L 22:06 8.9H	22 Su (EDT)	04:41 0.6L 10:07 7.5H 16:56 0.8L 22:30 7.5H
8 Mo (EDT)	02:39 0.7L 08:04 6.2H 14:40 0.1L 20:26 7.8H	23 Tu (EDT)	03:34 0.0L 08:48 6.6H 15:33-0.1L 21:25 7.9H	8 Th (EDT)	03:50 0.1L 09:16 7.0H 16:00-0.5L 21:38 8.6H	23 Fr (EDT)	04:37 0.3L 09:56 7.0H 16:42 0.5L 22:23 7.6H	8 Su (EDT)	05:01-0.7L 10:35 8.5H 17:26-0.9L 22:55 8.8H	23 Mo (EDT)	05:15 0.6L 10:42 7.5H 17:32 1.0L 23:04 7.3H
9 Tu (EDT)	03:27 0.4L 08:51 6.4H 15:30-0.1L 21:11 8.1H	24 We (EDT)	04:21 0.0L 09:35 6.6H 16:20 0.0L 22:08 7.8H	9 Fr (EDT)	04:39-0.3L 10:05 7.4H 16:52-0.7L 22:26 8.7H	24 Sa (EDT)	05:14 0.4L 10:35 7.0H 17:21 0.6L 23:00 7.5H	9 Mo (EDT)	05:48-0.8L 11:27 8.6H 18:18-0.7L 23:46 8.5H	24 Tu (EDT)	05:48 0.7L 11:17 7.5H 18:07 1.1L 23:38 7.0H
10 We (EDT)	04:15 0.2L 09:37 6.5H 16:19-0.3L 21:57 8.3H	25 Th (EDT)	05:05 0.0L 10:20 6.6H 17:04 0.2L 22:49 7.6H	10 Sa (EDT)	05:26-0.6L 10:56 7.6H 17:43-0.8L 23:16 8.6H	25 Su (EDT)	05:49 0.4L 11:14 7.0H 17:58 0.8L 23:37 7.2H	10 Tu (EDT)	06:35-0.7L 12:22 8.6H 19:10-0.4L	25 We (EDT)	06:21 0.9L 11:52 7.4H 18:43 1.3L
11 Th (EDT)	05:02-0.1L 10:24 6.7H 17:08-0.4L 22:43 8.3H	26 Fr (EDT)	05:45 0.1L 11:03 6.6H 17:45 0.4L 23:30 7.4H	11 Su (EDT)	06:12-0.7L 11:49 7.8H 18:34-0.7L	26 Mo (EDT)	06:23 0.6L 11:52 6.9H 18:34 1.0L	11 We (EDT)	00:40 8.0H 07:23-0.5L 13:19 8.4H 20:04 0.1L	26 Th (EDT)	00:14 6.7H 06:56 1.0L 12:32 7.3H 19:21 1.6L
12 Fr (EDT)	05:48-0.3L 11:13 6.8H 17:57-0.5L 23:32 8.2H	27 Sa (EDT)	06:23 0.3L 11:46 6.5H 18:24 0.7L	12 Mo (EDT)	00:07 8.3H 06:59-0.7L 12:44 7.8H 19:26-0.4L	27 Tu (EDT)	00:14 6.9H 06:56 0.7L 12:32 6.9H 19:11 1.3L	12 Th (EDT)	01:36 7.6H 08:14 0.0L 14:18 8.2H 21:02 0.6L	27 Fr (EDT)	00:55 6.4H 07:34 1.2L 13:16 7.2H 20:04 1.8L
13 Sa (EDT)	06:34-0.4L 12:06 6.9H 18:48-0.4L	28 Su (EDT)	00:11 7.1H 06:59 0.4L 12:31 6.4H 19:03 0.9L	13 Tu (EDT)	01:01 8.0H 07:47-0.6L 13:42 7.8H 20:22 0.0L	28 We (EDT)	00:54 6.6H 07:31 0.9L 13:14 6.8H 19:50 1.5L	13 Fr (EDT)	02:34 7.1H 09:10 0.4L 15:17 7.9H 22:06 1.0L	28 Sa (EDT)	01:42 6.2H 08:18 1.4L 14:08 7.2H 20:55 2.0L
14 Su (EDT)	00:25 8.0H 07:21-0.4L 13:04 7.0H 19:40-0.2L	29 Mo (EDT)	00:53 6.8H 07:35 0.6L 13:16 6.4H 19:43 1.2L	14 We (EDT)	01:57 7.6H 08:38-0.3L 14:40 7.8H 21:22 0.4L	29 Th (EDT)	01:36 6.3H 08:09 1.0L 14:00 6.8H 20:35 1.8L	14 Sa (EDT)	03:32 6.8H 10:12 0.8L 16:17 7.7H 23:13 1.2L	29 Su (EDT)	02:35 6.1H 09:11 1.5L 15:04 7.3H 21:57 2.0L
15 Mo (EDT)	01:20 7.8H 08:10-0.4L 14:02 7.2H 20:37 0.1L	30 Tu (EDT)	01:37 6.5H 08:12 0.8L 14:02 6.4H 20:26 1.5L	15 Th (EDT)	02:53 7.2H 09:34 0.0L 15:38 7.8H 22:27 0.7L	30 Fr (EDT)	02:22 6.1H 08:54 1.2L 14:49 6.9H 21:28 1.9L	15 Su (EDT)	04:30 6.6H 11:18 1.0L 17:16 7.5H	30 Mo (EDT)	03:34 6.2H 10:14 1.5L 16:04 7.4H 23:05 1.9L
		31 We (EDT)	02:21 6.2H 08:53 0.9L 14:48 6.4H 21:16 1.7L			31 Sa (EDT)	03:12 6.0H 09:46 1.3L 15:41 7.0H 22:31 2.0L				

# Tides: Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides	
Mean Range:	6.8 ft
MHWS	8.0 ft
Mean Tide:	3.7 ft

October, 2002

November, 2002

December, 2002

1 Tu (EDT)	04:36 6.4H 11:22 1.3L 17:05 7.7H	16 We (EDT)	00:43 1.3L 06:03 6.7H 12:55 1.4L 18:39 7.3H	1 Fr (EST)	05:18 7.6H 12:10 0.3L 17:40 8.1H	16 Sa (EST)	00:34 0.8L 06:08 7.0H 13:01 1.2L 18:34 6.8H	1 Su (EST)	00:10 -0.3L 05:56 8.1H 12:52 -0.2L 18:13 7.6H	16 Mo (EST)	00:33 0.5L 06:17 6.9H 13:12 1.0L 18:41 6.2H
2 We (EDT)	00:11 1.5L 05:39 6.7H 12:28 0.9L 18:07 8.0H	17 Th (EDT)	01:30 1.1L 06:55 6.9H 13:45 1.2L 19:27 7.3H	2 Sa (EST)	00:36 0.0L 06:17 8.2H 13:09 -0.2L 18:37 8.4H	17 Su (EST)	01:14 0.6L 06:52 7.3H 13:44 1.0L 19:16 6.9H	2 Mo (EST)	01:04 -0.7L 06:53 8.5H 13:49 -0.5L 19:09 7.7H	17 Tu (EST)	01:17 0.3L 07:02 7.2H 13:56 0.8L 19:26 6.3H
3 Th (EDT)	01:10 0.9L 06:41 7.3H 13:30 0.4L 19:06 8.3H	18 Fr (EDT)	02:13 0.9L 07:42 7.2H 14:31 1.1L 20:10 7.4H	3 Su (EST)	01:29 -0.4L 07:12 8.8H 14:05 -0.5L 19:30 8.4H	18 Mo (EST)	01:53 0.5L 07:33 7.6H 14:25 0.9L 19:56 6.9H	3 Tu (EST)	01:57 -0.9L 07:46 8.8H 14:43 -0.7L 20:01 7.7H	18 We (EST)	02:00 0.1L 07:44 7.5H 14:40 0.6L 20:07 6.4H
4 Fr (EDT)	02:04 0.4L 07:39 7.9H 14:27 -0.1L 20:02 8.7H	19 Sa (EDT)	02:52 0.7L 08:24 7.5H 15:13 1.0L 20:49 7.4H	4 ● Mo (EST)	02:20 -0.8L 08:04 9.2H 14:59 -0.8L 20:21 8.4H	19 ○ Tu (EST)	02:32 0.4L 08:11 7.8H 15:05 0.8L 20:33 6.9H	4 ● We (EST)	02:48 -1.0L 08:37 8.9H 15:35 -0.8L 20:51 7.6H	19 ○ Th (EST)	02:43 0.0L 08:24 7.6H 15:22 0.4L 20:46 6.4H
5 Sa (EDT)	02:56 -0.2L 08:33 8.5H 15:23 -0.5L 20:54 8.9H	20 Su (EDT)	03:30 0.6L 09:03 7.7H 15:52 0.9L 21:26 7.4H	5 Tu (EST)	03:10 -0.9L 08:54 9.3H 15:52 -0.8L 21:11 8.3H	20 We (EST)	03:10 0.4L 08:47 7.9H 15:44 0.8L 21:09 6.8H	5 Th (EST)	03:38 -1.0L 09:26 8.8H 16:25 -0.7L 21:41 7.4H	20 Fr (EST)	03:25 -0.1L 09:02 7.8H 16:03 0.3L 21:25 6.4H
6 ● Su (EDT)	03:46 -0.6L 09:24 9.0H 16:17 -0.8L 21:43 8.9H	21 ○ Mo (EDT)	04:06 0.6L 09:39 7.8H 16:30 0.9L 22:01 7.3H	6 We (EST)	03:59 -0.9L 09:44 9.3H 16:43 -0.6L 22:01 7.9H	21 Th (EST)	03:48 0.4L 09:22 7.9H 16:23 0.8L 21:44 6.6H	6 Fr (EST)	04:27 -0.8L 10:16 8.5H 17:13 -0.4L 22:31 7.0H	21 Sa (EST)	04:07 -0.2L 09:42 7.8H 16:45 0.2L 22:05 6.4H
7 Mo (EDT)	04:35 -0.8L 10:14 9.2H 17:09 -0.8L 22:33 8.7H	22 Tu (EDT)	04:41 0.6L 10:13 7.9H 17:07 1.0L 22:35 7.1H	7 Th (EST)	04:47 -0.6L 10:36 8.9H 17:33 -0.3L 22:53 7.5H	22 Fr (EST)	04:27 0.4L 09:58 7.8H 17:02 0.8L 22:21 6.4H	7 Sa (EST)	05:14 -0.4L 11:07 8.1H 18:00 -0.1L 23:24 6.7H	22 Su (EST)	04:50 -0.2L 10:24 7.8H 17:26 0.1L 22:49 6.3H
8 Tu (EDT)	05:23 -0.8L 11:05 9.2H 18:00 -0.6L 23:23 8.4H	23 We (EDT)	05:16 0.7L 10:46 7.8H 17:43 1.1L 23:08 6.9H	8 Fr (EST)	05:36 -0.2L 11:30 8.5H 18:23 0.2L 23:49 7.1H	23 Sa (EST)	05:06 0.5L 10:38 7.7H 17:42 0.9L 23:02 6.3H	8 Su (EST)	06:01 0.1L 11:59 7.6H 18:47 0.3L	23 Mo (EST)	05:35 -0.2L 11:10 7.6H 18:10 0.1L 23:39 6.3H
9 We (EDT)	06:10 -0.7L 11:58 9.0H 18:51 -0.3L	24 Th (EDT)	05:51 0.8L 11:21 7.7H 18:20 1.2L 23:43 6.6H	9 Sa (EST)	06:25 0.3L 12:28 8.0H 19:15 0.7L	24 Su (EST)	05:49 0.6L 11:24 7.6H 18:26 1.0L 23:52 6.2H	9 Mo (EST)	00:18 6.4H 06:49 0.6L 12:52 7.2H 19:35 0.7L	24 Tu (EST)	06:22 0.0L 12:02 7.5H 18:56 0.1L
10 Th (EDT)	00:17 7.9H 06:59 -0.3L 12:54 8.6H 19:44 0.2L	25 Fr (EDT)	06:28 0.9L 11:59 7.6H 18:59 1.4L	10 Su (EST)	00:47 6.7H 07:17 0.8L 13:26 7.6H 20:11 1.1L	25 Mo (EST)	06:35 0.7L 12:17 7.5H 19:14 1.0L	10 Tu (EST)	01:12 6.2H 07:39 1.0L 13:44 6.8H 20:26 0.9L	25 We (EST)	00:35 6.4H 07:15 0.1L 12:57 7.3H 19:47 0.1L
11 Fr (EDT)	01:13 7.4H 07:49 0.2L 13:54 8.2H 20:40 0.8L	26 Sa (EDT)	00:23 6.4H 07:07 1.1L 12:44 7.5H 19:42 1.6L	11 ● Mo (EST)	01:45 6.5H 08:15 1.3L 14:22 7.2H 21:11 1.3L	26 Tu (EST)	00:50 6.2H 07:28 0.9L 13:15 7.4H 20:09 1.0L	11 ● We (EST)	02:05 6.1H 08:35 1.4L 14:34 6.5H 21:19 1.1L	26 ● Th (EST)	01:34 6.5H 08:14 0.3L 13:54 7.1H 20:44 0.1L
12 Sa (EDT)	02:12 7.0H 08:44 0.8L 14:54 7.8H 21:41 1.2L	27 Su (EST)	00:11 6.2H 06:52 1.2L 12:37 7.4H 19:32 1.7L	12 Tu (EST)	02:42 6.4H 09:19 1.6L 15:16 7.0H 22:10 1.4L	27 ● We (EST)	01:52 6.4H 08:30 0.9L 14:14 7.4H 21:10 0.8L	12 Th (EST)	02:57 6.1H 09:37 1.6L 15:23 6.3H 22:12 1.0L	27 Fr (EST)	02:34 6.8H 09:21 0.4L 14:52 7.0H 21:45 -0.1L
13 ● Su (EDT)	03:11 6.7H 09:46 1.2L 15:53 7.5H 22:46 1.4L	28 Mo (EST)	01:08 6.2H 07:45 1.4L 13:36 7.4H 20:31 1.7L	13 We (EST)	03:36 6.4H 10:24 1.7L 16:08 6.8H 23:04 1.2L	28 Th (EST)	02:53 6.7H 09:39 0.8L 15:14 7.4H 22:13 0.5L	13 Fr (EST)	03:47 6.2H 10:38 1.6L 16:13 6.1H 23:02 0.9L	28 Sa (EST)	03:34 7.1H 10:30 0.3L 15:51 6.8H 22:47 -0.3L
14 Mo (EDT)	04:09 6.6H 10:53 1.5L 16:50 7.3H 23:49 1.4L	29 ● Tu (EST)	02:10 6.3H 08:49 1.4L 14:37 7.5H 21:37 1.5L	14 Th (EST)	04:29 6.5H 11:23 1.6L 16:59 6.8H 23:51 1.0L	29 Fr (EST)	03:55 7.1H 10:48 0.6L 16:14 7.4H 23:13 0.1L	14 Sa (EST)	04:38 6.4H 11:34 1.4L 17:03 6.1H 23:49 0.7L	29 Su (EST)	04:35 7.4H 11:35 0.1L 16:52 6.8H 23:46 -0.5L
15 Tu (EDT)	05:07 6.6H 11:58 1.5L 17:46 7.2H	30 We (EST)	03:13 6.6H 09:59 1.2L 15:38 7.7H 22:41 1.1L	15 Fr (EST)	05:20 6.8H 12:14 1.4L 17:48 6.8H	30 Sa (EST)	04:56 7.6H 11:52 0.2L 17:14 7.5H	15 Su (EST)	05:28 6.6H 12:25 1.2L 17:54 6.1H	30 Mo (EST)	05:37 7.7H 12:36 -0.2L 17:52 6.8H
		31 Th (EST)	04:16 7.0H 11:08 0.8L 16:40 7.9H 23:41 0.6L							31 Tu (EST)	00:43 -0.8L 06:36 8.0H 13:34 -0.5L 18:50 6.9H

# Tides:Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides  
Mean Range: 6.8 ft  
MHWS 8.0 ft  
Mean Tide: 3.7 ft

January, 2003

February, 2003

March, 2003

1 We (EST)	01:20-0.9L 07:32 8.1H 14:28-0.5L 19:44 6.8H	16 Th (EST)	01:28-0.1L 07:16 7.2H 14:12 0.4L 19:40 6.1H	1 Sa (EST)	03:07-0.8L 08:58 7.6H 15:47-0.6L 21:06 6.6H	15 Sa (EST)	01:51-0.5L 07:35 7.5H 14:30-0.1L 19:59 6.6H	1 Sa (EST)	02:04-0.3L 07:56 7.3H 14:40-0.3L 20:04 6.7H	16 Su (EST)	01:27-0.4L 07:06 7.6H 13:59-0.2L 19:34 7.2H
2 Th (EST)	02:31-0.9L 08:24 8.1H 15:20-0.6L 20:35 6.8H	17 Fr (EST)	02:16-0.3L 08:00 7.5H 14:58 0.1L 20:23 6.3H	2 Su (EST)	03:53-0.7L 09:39 7.5H 16:29-0.6L 21:49 6.6H	16 Su (EST)	02:41-0.9L 08:21 7.9H 15:16-0.5L 20:44 7.0H	2 Su (EST)	02:51-0.5L 08:37 7.3H 15:22-0.4L 20:45 6.9H	17 Mo (EST)	02:20-0.9L 07:55 8.0H 14:47-0.7L 20:21 7.7H
3 Fr (EST)	03:22-0.9L 09:12 8.1H 16:08-0.6L 21:24 6.8H	18 Sa (EST)	03:02-0.6L 08:43 7.8H 15:41-0.2L 21:05 6.5H	3 Mo (EST)	04:35-0.6L 10:19 7.3H 17:07-0.4L 22:30 6.6H	17 Mo (EST)	03:30-1.2L 09:05 8.1H 16:00-0.9L 21:28 7.3H	3 Mo (EST)	03:33-0.5L 09:15 7.3H 15:59-0.4L 21:23 7.0H	18 Tu (EST)	03:11-1.3L 08:42 8.2H 15:33-1.1L 21:07 8.2H
4 Sa (EST)	04:10-0.8L 09:59 7.9H 16:53-0.5L 22:11 6.6H	19 Su (EST)	03:48-0.8L 09:25 7.9H 16:24-0.4L 21:47 6.6H	4 Tu (EST)	05:14-0.3L 10:59 7.0H 17:43-0.2L 23:11 6.4H	18 Tu (EST)	04:18-1.4L 09:50 8.1H 16:43-1.1L 22:14 7.5H	4 Tu (EST)	04:12-0.4L 09:51 7.1H 16:34-0.3L 22:00 7.0H	19 We (EST)	04:01-1.5L 09:28 8.2H 16:18-1.3L 21:54 8.4H
5 Su (EST)	04:55-0.5L 10:45 7.5H 17:36-0.3L 22:59 6.4H	20 Mo (EST)	04:33-0.9L 10:08 7.9H 17:06-0.6L 22:32 6.7H	5 We (EST)	05:52 0.0L 11:39 6.6H 18:18 0.0L 23:54 6.3H	19 We (EST)	05:06-1.3L 10:36 7.9H 17:27-1.1L 23:03 7.6H	5 We (EST)	04:49-0.2L 10:26 6.9H 17:07-0.2L 22:36 6.9H	20 Th (EST)	04:50-1.4L 10:15 7.9H 17:03-1.3L 22:43 8.3H
6 Mo (EST)	05:38-0.2L 11:31 7.2H 18:17 0.0L 23:47 6.2H	21 Tu (EST)	05:20-0.9L 10:53 7.8H 17:49-0.7L 23:21 6.8H	6 Th (EST)	06:29 0.4L 12:20 6.2H 18:53 0.2L	20 Th (EST)	05:54-1.1L 11:25 7.5H 18:11-1.0L 23:56 7.5H	6 Th (EST)	05:24 0.1L 11:02 6.6H 17:40 0.0L 23:13 6.7H	21 Fr (EST)	05:40-1.2L 11:05 7.6H 17:49-1.0L 23:37 8.1H
7 Tu (EST)	06:21 0.3L 12:17 6.8H 18:58 0.3L	22 We (EST)	06:08-0.7L 11:43 7.5H 18:33-0.6L	7 Fr (EST)	00:37 6.2H 07:09 0.8L 13:03 5.9H 19:32 0.5L	21 Fr (EST)	06:45-0.8L 12:17 7.1H 18:59-0.8L	7 Fr (EST)	05:58 0.4L 11:39 6.2H 18:13 0.3L 23:52 6.6H	22 Sa (EST)	06:31-0.7L 12:00 7.1H 18:38-0.6L
8 We (EST)	00:36 6.1H 07:05 0.7L 13:04 6.4H 19:39 0.5L	23 Th (EST)	00:15 6.8H 06:59-0.5L 12:36 7.2H 19:21-0.5L	8 Sa (EST)	01:23 6.1H 07:54 1.1L 13:49 5.6H 20:16 0.7L	22 Sa (EST)	00:53 7.4H 07:41-0.3L 13:13 6.7H 19:52-0.4L	8 Sa (EST)	06:34 0.7L 12:19 5.9H 18:48 0.5L	23 Su (EST)	00:35 7.8H 07:26-0.2L 12:57 6.7H 19:32-0.1L
9 Th (EST)	01:24 6.0H 07:52 1.0L 13:50 6.1H 20:24 0.7L	24 Fr (EST)	01:12 6.9H 07:56-0.1L 13:31 6.8H 20:15-0.4L	9 Su (EST)	02:11 6.0H 08:47 1.4L 14:37 5.4H 21:08 0.8L	23 Su (EST)	01:53 7.2H 08:44 0.2L 14:12 6.3H 20:53 0.0L	9 Su (EST)	00:34 6.4H 07:14 1.0L 13:04 5.6H 19:29 0.8L	24 Mo (EST)	01:36 7.4H 08:27 0.3L 13:58 6.3H 20:34 0.4L
10 Fr (EST)	02:13 6.0H 08:45 1.3L 14:37 5.8H 21:13 0.8L	25 Sa (EST)	02:11 6.9H 09:00 0.2L 14:29 6.5H 21:15-0.2L	10 Mo (EST)	03:01 6.0H 09:50 1.5L 15:30 5.3H 22:07 0.8L	24 Mo (EST)	02:55 7.0H 09:53 0.5L 15:13 6.0H 22:02 0.2L	10 Mo (EST)	01:22 6.3H 08:02 1.3L 13:52 5.4H 20:19 1.0L	25 Tu (EST)	02:40 7.1H 09:36 0.7L 15:01 6.1H 21:45 0.7L
11 Sa (EST)	03:01 6.0H 09:45 1.5L 15:26 5.6H 22:06 0.8L	26 Su (EST)	03:12 7.0H 10:10 0.3L 15:28 6.2H 22:20-0.2L	11 Tu (EST)	03:56 6.1H 10:56 1.4L 16:26 5.3H 23:07 0.7L	25 Tu (EST)	04:00 6.8H 11:03 0.5L 16:17 5.9H 23:11 0.2L	11 Tu (EST)	02:14 6.2H 09:01 1.5L 14:46 5.3H 21:20 1.1L	26 We (EST)	03:45 6.8H 10:45 0.7L 16:04 6.0H 22:57 0.7L
12 Su (EST)	03:52 6.1H 10:46 1.4L 16:17 5.5H 22:59 0.7L	27 Mo (EST)	04:15 7.0H 11:19 0.3L 16:31 6.1H 23:25-0.2L	12 We (EST)	04:54 6.3H 11:57 1.1L 17:25 5.4H	26 We (EST)	05:08 6.8H 12:07 0.4L 17:22 5.9H	12 We (EST)	03:11 6.3H 10:10 1.5L 15:45 5.4H 22:27 1.0L	27 Th (EST)	04:50 6.7H 11:47 0.6L 17:08 6.1H
13 Mo (EST)	04:44 6.3H 11:43 1.2L 17:10 5.5H 23:50 0.5L	28 Tu (EST)	05:21 7.1H 12:22 0.1L 17:35 6.1H	13 Th (EST)	00:05 0.4L 05:52 6.6H 12:52 0.8L 18:21 5.7H	27 Th (EST)	00:15 0.0L 06:12 6.9H 13:04 0.1L 18:24 6.1H	13 Th (EST)	04:12 6.4H 11:16 1.3L 16:47 5.6H 23:32 0.6L	28 Fr (EST)	00:01 0.5L 05:52 6.8H 12:41 0.4L 18:07 6.4H
14 Tu (EST)	05:37 6.5H 12:36 1.0L 18:04 5.6H	29 We (EST)	00:27-0.4L 06:24 7.3H 13:20-0.1L 18:36 6.2H	14 Fr (EST)	00:59 0.0L 06:46 7.1H 13:42 0.3L 19:12 6.1H	28 Fr (EST)	01:12-0.2L 07:09 7.1H 13:54-0.1L 19:18 6.4H	14 Fr (EST)	05:14 6.7H 12:16 0.8L 17:47 6.0H	29 Sa (EST)	00:57 0.3L 06:45 6.9H 13:28 0.2L 18:58 6.7H
15 We (EST)	00:40 0.2L 06:28 6.8H 13:25 0.7L 18:54 5.8H	30 Th (EST)	01:24-0.6L 07:22 7.5H 14:13-0.4L 19:32 6.4H					15 Sa (EST)	00:31 0.2L 06:13 7.2H 13:09 0.3L 18:43 6.6H	30 Su (EST)	01:46 0.1L 07:31 7.0H 14:11 0.0L 19:41 7.0H
		31 Fr (EST)	02:18-0.7L 08:12 7.6H 15:02-0.5L 20:21 6.6H							31 Mo (EST)	02:30 0.0L 08:10 7.1H 14:50-0.1L 20:20 7.2H

# Tides: Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides	
Mean Range:	6.8 ft
MHWS	8.0 ft
Mean Tide:	3.7 ft

April, 2003

May, 2003

June, 2003

1 ● 03:11-0.1L Tu 08:46 7.1H 15:26-0.1L (EST) 20:55 7.4H	16 ○ 03:51-1.1L We 09:17 8.1H 16:04-1.1L (EDT) 21:45 8.8H	1 ● 04:22 0.3L Th 09:50 6.7H 16:25 0.2L (EDT) 22:00 7.7H	16 04:26-1.1L Fr 09:43 7.7H 16:29-1.1L (EDT) 22:15 9.1H	1 05:11 0.5L Su 10:34 6.2H 17:10 0.4L (EDT) 22:44 7.6H	16 05:52-0.7L Mo 11:11 6.9H 17:53-0.5L (EDT) 23:45 8.2H
2 03:48 0.0L We 09:21 7.0H 16:00-0.1L (EST) 21:29 7.4H	17 04:43-1.3L Th 10:05 8.0H 16:52-1.2L (EDT) 22:33 8.9H	2 04:58 0.4L Fr 10:25 6.6H 17:00 0.3L (EDT) 22:33 7.6H	17 05:18-1.1L Sa 10:35 7.5H 17:20-1.0L (EDT) 23:07 8.8H	2 05:49 0.6L Mo 11:11 6.0H 17:49 0.5L (EDT) 23:22 7.5H	17 06:42-0.4L Tu 12:07 6.7H 18:44-0.1L (EDT)
3 04:23 0.1L Th 09:55 6.8H 16:33 0.1L (EST) 22:03 7.3H	18 05:34-1.3L Fr 10:55 7.8H 17:40-1.1L (EDT) 23:24 8.8H	3 05:33 0.5L Sa 10:59 6.4H 17:35 0.4L (EDT) 23:07 7.5H	18 06:09-0.8L Su 11:28 7.2H 18:10-0.6L (EDT)	3 06:27 0.6L Tu 11:50 5.9H 18:29 0.6L (EDT)	18 00:40 7.8H We 07:30-0.1L (EDT) 19:35 0.3L
4 04:57 0.3L Fr 10:29 6.5H 17:05 0.3L (EST) 22:37 7.2H	19 06:24-1.0L Sa 11:47 7.4H 18:29-0.8L (EDT)	4 06:08 0.6L Su 11:34 6.1H 18:11 0.6L (EDT) 23:43 7.3H	19 00:02 8.4H Mo 07:00-0.5L 12:26 6.8H (EDT) 19:02-0.2L	4 00:04 7.4H We 07:07 0.7L 12:36 5.9H (EDT) 19:13 0.7L	19 01:35 7.3H Th 08:19 0.2L (EDT) 14:01 6.4H 20:28 0.8L
5 05:31 0.5L Sa 11:04 6.2H 17:39 0.5L (EST) 23:13 7.0H	20 00:19 8.4H Su 07:16-0.6L 12:43 7.0H (EDT) 19:19-0.4L	5 06:45 0.8L Mo 12:12 5.9H 18:49 0.8L (EDT)	20 01:01 7.9H Tu 07:52-0.1L 13:26 6.6H (EDT) 19:56 0.3L	5 00:51 7.2H Th 07:50 0.7L 13:29 5.9H (EDT) 20:02 0.8L	20 02:28 6.9H Fr 09:10 0.4L (EDT) 14:55 6.4H 21:25 1.2L
6 00:13 7.0H Su 07:06 0.8L 12:42 5.9H (EDT) 19:14 0.7L	21 01:18 8.0H Mo 08:10-0.1L 13:43 6.6H (EDT) 20:14 0.2L	6 00:24 7.1H Tu 07:24 1.0L 12:56 5.8H (EDT) 19:30 0.9L	21 02:01 7.5H We 08:48 0.3L 14:27 6.4H (EDT) 20:54 0.8L	6 01:45 7.1H Fr 08:39 0.6L 14:25 6.1H (EDT) 20:58 0.9L	21 ● 03:18 6.6H Sa 10:01 0.6L (EDT) 15:46 6.4H 22:26 1.4L
7 00:53 6.8H Mo 07:45 1.0L 13:25 5.7H (EDT) 19:55 0.9L	22 02:20 7.5H Tu 09:10 0.4L 14:45 6.4H (EDT) 21:16 0.7L	7 01:12 7.0H We 08:08 1.1L 13:48 5.7H (EDT) 20:19 1.1L	22 ● 02:59 7.1H Th 09:46 0.6L 15:25 6.3H (EDT) 21:59 1.2L	7 ● 02:41 7.1H Sa 09:33 0.5L 15:23 6.5H (EDT) 22:03 0.9L	22 04:06 6.3H Su 10:52 0.7L (EDT) 16:34 6.5H 23:26 1.5L
8 01:41 6.7H Tu 08:30 1.3L 14:15 5.6H (EDT) 20:43 1.1L	23 ● 03:22 7.1H We 10:22 0.7L 15:47 6.2H (EDT) 22:26 1.0L	8 02:06 6.9H Th 09:00 1.2L 14:46 5.8H (EDT) 21:17 1.2L	23 03:54 6.8H Fr 10:45 0.7L 16:21 6.3H (EDT) 23:07 1.3L	8 03:38 7.1H Su 10:32 0.3L 16:20 6.9H (EDT) 23:11 0.7L	23 04:54 6.1H Mo 17:22 6.6H (EDT)
9 ● 02:35 6.6H We 09:25 1.5L 15:11 5.5H (EDT) 21:43 1.3L	24 04:24 6.8H Th 11:20 0.8L 16:47 6.2H (EDT) 23:37 1.1L	9 ● 03:05 6.9H Fr 10:00 1.1L 15:45 6.1H (EDT) 22:25 1.1L	24 04:47 6.5H Sa 11:40 0.7L 17:13 6.5H (EDT)	9 04:36 7.0H Mo 11:31 0.0L 17:18 7.4H (EDT)	24 00:22 1.4L Tu 05:43 6.0H (EDT) 12:27 0.6L 18:10 6.8H
10 03:34 6.6H Th 10:31 1.5L 16:11 5.7H (EDT) 22:52 1.2L	25 05:23 6.7H Fr 12:19 0.7L 17:46 6.4H (EDT)	10 04:04 7.0H Sa 11:03 0.8L 16:45 6.5H (EDT) 23:34 0.8L	25 00:08 1.2L Su 05:38 6.4H 12:29 0.6L (EDT) 18:04 6.7H	10 00:17 0.4L Tu 05:35 7.0H 12:29-0.3L (EDT) 18:17 7.9H	25 01:11 1.2L We 06:32 6.0H (EDT) 13:12 0.5L 18:57 7.0H
11 04:35 6.7H Fr 11:38 1.2L 17:13 6.0H (EDT)	26 00:40 0.9L Sa 06:19 6.6H 13:10 0.5L (EDT) 18:40 6.6H	11 05:04 7.1H Su 12:04 0.4L 17:45 7.0H (EDT)	26 01:02 1.1L Mo 06:28 6.3H 13:13 0.4L (EDT) 18:52 6.9H	11 01:19 0.0L We 06:34 7.1H 13:25-0.6L (EDT) 19:16 8.3H	26 01:58 1.1L Th 07:21 6.0H (EDT) 13:55 0.4L 19:43 7.3H
12 00:01 0.8L Sa 05:37 7.0H 12:39 0.7L (EDT) 18:15 6.5H	27 01:34 0.7L Su 07:11 6.7H 13:54 0.3L (EDT) 19:29 6.9H	12 00:39 0.4L Mo 06:04 7.3H 13:00-0.1L (EDT) 18:43 7.6H	27 01:49 0.9L Tu 07:15 6.3H 13:54 0.3L (EDT) 19:36 7.2H	12 02:17-0.4L Th 07:33 7.1H 14:21-0.8L (EDT) 20:12 8.7H	27 02:42 0.9L Fr 08:07 6.0H (EDT) 14:39 0.3L 20:26 7.5H
13 01:04 0.3L Su 06:38 7.3H 13:34 0.2L (EDT) 19:13 7.2H	28 02:21 0.6L Mo 07:56 6.7H 14:35 0.2L (EDT) 20:11 7.2H	13 01:40-0.1L Tu 07:03 7.5H 13:54-0.5L (EDT) 19:39 8.3H	28 02:33 0.7L We 08:00 6.4H 14:34 0.3L (EDT) 20:17 7.4H	13 03:14-0.6L Fr 08:29 7.2H 15:15-1.0L (EDT) 21:06 8.8H	28 03:25 0.7L Sa 08:51 6.1H (EDT) 15:22 0.3L 21:07 7.6H
14 02:03-0.2L Mo 07:35 7.7H 14:26-0.4L (EDT) 20:06 7.8H	29 03:04 0.4L Tu 08:37 6.8H 15:13 0.1L (EDT) 20:50 7.5H	14 02:37-0.6L We 07:59 7.6H 14:46-0.9L (EDT) 20:33 8.7H	29 03:14 0.6L Th 08:41 6.4H 15:14 0.2L (EDT) 20:56 7.6H	14 ○ 04:09-0.8L Sa 09:24 7.2H 16:09-0.9L (EDT) 21:59 8.8H	29 ● 04:07 0.6L Su 09:32 6.1H (EDT) 16:05 0.2L 21:46 7.7H
15 02:58-0.8L Tu 08:27 7.9H 15:16-0.8L (EDT) 20:56 8.4H	30 03:44 0.3L We 09:14 6.8H 15:50 0.1L (EDT) 21:26 7.6H	15 ○ 03:32-0.9L Th 08:52 7.7H 15:38-1.1L (EDT) 21:24 9.0H	30 03:54 0.5L Fr 09:20 6.4H 15:52 0.2L (EDT) 21:32 7.7H	15 05:02-0.8L Su 10:17 7.1H 17:02-0.8L (EDT) 22:51 8.6H	30 04:48 0.5L Mo 10:11 6.1H (EDT) 16:48 0.2L 22:24 7.7H
			31 ● 04:33 0.5L Sa 09:58 6.3H 16:31 0.3L (EDT) 22:08 7.7H		

# Tides: Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides	
Mean Range:	6.8 ft
MHWS	8.0 ft
Mean Tide:	3.7 ft

July, 2003

August, 2003

September, 2003

1 Tu (EDT)	05:28 0.4L 10:50 6.1H 17:30 0.2L 23:04 7.7H	16 We (EDT)	06:19-0.3L 11:43 6.8H 18:23 0.0L	1 Fr (EDT)	06:27-0.1L 11:59 7.0H 18:45 0.0L	16 Sa (EDT)	00:25 7.2H 07:07 0.3L 12:45 6.9H 19:22 1.0L	1 Mo (EDT)	00:46 7.7H 07:32-0.2L 13:24 8.0H 20:13 0.4L	16 Tu (EDT)	01:09 6.5H 07:39 1.1L 13:29 7.0H 20:08 1.8L
2 We (EDT)	06:08 0.3L 11:32 6.2H 18:14 0.3L 23:47 7.6H	17 Th (EDT)	00:14 7.6H 07:02-0.1L 12:35 6.7H 19:10 0.4L	2 Sa (EDT)	00:15 7.8H 07:09-0.2L 12:50 7.1H 19:34 0.2L	17 Su (EDT)	01:08 6.8H 07:44 0.6L 13:31 6.8H 20:04 1.4L	2 Tu (EDT)	01:42 7.3H 08:22 0.0L 14:24 7.9H 21:13 0.8L	17 We (EDT)	01:55 6.2H 08:20 1.4L 14:17 6.9H 20:54 2.1L
3 Th (EDT)	06:49 0.3L 12:19 6.2H 18:59 0.3L	18 Fr (EDT)	01:02 7.2H 07:45 0.1L 13:26 6.6H 19:56 0.8L	3 Su (EDT)	01:06 7.5H 07:54-0.2L 13:45 7.3H 20:28 0.4L	18 Mo (EDT)	01:53 6.4H 08:23 0.9L 14:17 6.7H 20:50 1.7L	3 We (EDT)	02:40 7.0H 09:19 0.3L 15:24 7.8H 22:19 1.0L	18 Th (EDT)	02:44 6.0H 09:07 1.6L 15:08 6.9H 21:51 2.3L
4 Fr (EDT)	00:34 7.5H 07:31 0.2L 13:11 6.4H 19:48 0.5L	19 Sa (EDT)	01:50 6.8H 08:28 0.4L 14:16 6.5H 20:45 1.2L	4 Mo (EDT)	02:00 7.2H 08:44-0.1L 14:42 7.4H 21:28 0.6L	19 Tu (EDT)	02:39 6.1H 09:06 1.1L 15:04 6.7H 21:41 2.0L	4 Th (EDT)	03:40 6.7H 10:24 0.6L 16:27 7.8H 23:28 1.1L	19 Fr (EDT)	03:36 5.9H 10:03 1.7L 16:01 6.9H 22:55 2.3L
5 Sa (EDT)	01:25 7.3H 08:17 0.1L 14:06 6.6H 20:43 0.6L	20 Su (EDT)	02:37 6.5H 09:12 0.6L 15:04 6.5H 21:37 1.5L	5 Tu (EDT)	02:56 7.0H 09:39 0.0L 15:40 7.6H 22:34 0.8L	20 We (EDT)	03:27 5.9H 09:55 1.3L 15:53 6.7H 22:40 2.1L	5 Fr (EDT)	04:42 6.6H 11:32 0.6L 17:31 7.7H	20 Sa (EDT)	04:31 5.9H 11:06 1.7L 16:57 7.1H 23:58 2.1L
6 Su (EDT)	02:20 7.2H 09:08 0.1L 15:02 6.9H 21:44 0.7L	21 Mo (EDT)	03:23 6.2H 09:58 0.8L 15:50 6.5H 22:35 1.7L	6 We (EDT)	03:54 6.8H 10:41 0.1L 16:39 7.7H 23:42 0.7L	21 Th (EDT)	04:17 5.8H 10:50 1.3L 16:44 6.8H 23:42 2.0L	6 Sa (EDT)	00:33 1.0L 05:46 6.6H 12:38 0.6L 18:34 7.8H	21 Su (EDT)	05:28 6.1H 12:08 1.4L 17:54 7.3H
7 Mo (EDT)	03:15 7.0H 10:04 0.0L 15:58 7.2H 22:51 0.6L	22 Tu (EDT)	04:10 6.0H 10:48 0.9L 16:38 6.6H 23:33 1.7L	7 Th (EDT)	04:53 6.6H 11:45 0.1L 17:41 7.8H	22 Fr (EDT)	05:09 5.8H 11:47 1.2L 17:37 6.9H	7 Su (EDT)	01:32 7.8H 06:49 6.8H 13:38 0.4L 19:34 7.9H	22 Mo (EDT)	00:54 1.7L 06:25 6.5H 13:06 1.0L 18:49 7.7H
8 Tu (EDT)	04:12 6.9H 11:03-0.1L 16:56 7.6H 23:58 0.5L	23 We (EDT)	04:59 5.8H 11:39 0.9L 17:27 6.7H	8 Fr (EDT)	00:47 0.6L 05:56 6.6H 12:48 0.0L 18:45 7.9H	23 Sa (EDT)	00:39 1.8L 06:05 5.9H 12:43 1.0L 18:31 7.2H	8 Mo (EDT)	02:25 0.5L 07:47 7.0H 14:34 0.3L 20:26 8.0H	23 Tu (EDT)	01:46 1.2L 07:19 6.9H 14:01 0.6L 19:40 8.0H
9 We (EDT)	05:11 6.8H 12:04-0.3L 17:56 7.9H	24 Th (EDT)	00:29 1.6L 05:50 5.8H 12:29 0.8L 18:17 6.9H	9 Sa (EDT)	01:47 0.4L 06:59 6.6H 13:48-0.1L 19:45 8.1H	24 Su (EDT)	01:32 1.5L 07:00 6.1H 13:36 0.8L 19:24 7.5H	9 Tu (EDT)	03:14 0.3L 08:38 7.3H 15:24 0.2L 21:11 8.1H	24 We (EDT)	02:34 0.7L 08:09 7.5H 14:53 0.2L 20:29 8.4H
10 Th (EDT)	01:01 0.2L 06:11 6.7H 13:03-0.5L 18:57 8.1H	25 Fr (EDT)	01:20 1.4L 06:42 5.8H 13:18 0.7L 19:08 7.1H	10 Su (EDT)	02:43 0.1L 07:59 6.8H 14:45-0.2L 20:41 8.2H	25 Mo (EDT)	02:21 1.1L 07:51 6.4H 14:27 0.5L 20:12 7.9H	10 We (EDT)	03:59 0.1L 09:24 7.5H 16:11 0.2L 21:52 8.0H	25 Th (EDT)	03:21 0.2L 08:56 8.0H 15:44-0.1L 21:14 8.6H
11 Fr (EDT)	02:01 0.0L 07:13 6.7H 14:01-0.6L 19:57 8.3H	26 Sa (EDT)	02:08 1.2L 07:34 5.9H 14:07 0.5L 19:56 7.4H	11 Mo (EDT)	03:35-0.1L 08:53 7.0H 15:39-0.3L 21:30 8.2H	26 Tu (EDT)	03:08 0.8L 08:38 6.8H 15:17 0.2L 20:58 8.2H	11 Th (EDT)	04:40 0.1L 10:05 7.6H 16:55 0.4L 22:31 7.8H	26 Fr (EDT)	04:06-0.2L 09:41 8.5H 16:34-0.4L 22:00 8.6H
12 Sa (EDT)	02:58-0.3L 08:12 6.8H 14:58-0.7L 20:52 8.5H	27 Su (EDT)	02:55 1.0L 08:21 6.1H 14:54 0.3L 20:41 7.7H	12 Tu (EDT)	04:24-0.2L 09:43 7.1H 16:30-0.2L 22:16 8.1H	27 We (EDT)	03:53 0.4L 09:23 7.2H 16:06-0.1L 21:41 8.4H	12 Fr (EDT)	05:18 0.2L 10:45 7.6H 17:35 0.6L 23:09 7.5H	27 Sa (EDT)	04:51-0.4L 10:27 8.7H 17:24-0.4L 22:46 8.4H
13 Su (EDT)	03:53-0.4L 09:07 6.9H 15:53-0.7L 21:45 8.5H	28 Mo (EDT)	03:39 0.7L 09:06 6.3H 15:41 0.2L 21:23 7.9H	13 We (EDT)	05:09-0.2L 10:30 7.2H 17:16 0.0L 23:00 7.9H	28 Th (EDT)	04:37 0.0L 10:06 7.5H 16:54-0.2L 22:23 8.4H	13 Sa (EDT)	05:54 0.4L 11:24 7.5H 18:13 0.9L 23:47 7.2H	28 Su (EDT)	05:37-0.5L 11:16 8.8H 18:14-0.3L 23:35 8.1H
14 Mo (EDT)	04:44-0.5L 10:00 6.9H 16:46-0.6L 22:35 8.3H	29 Tu (EDT)	04:23 0.4L 09:48 6.5H 16:27 0.0L 22:04 8.0H	14 Th (EDT)	05:51-0.1L 11:16 7.1H 18:00 0.3L 23:42 7.6H	29 Fr (EDT)	05:19-0.2L 10:50 7.8H 17:41-0.3L 23:08 8.3H	14 Su (EDT)	06:28 0.6L 12:03 7.4H 18:50 1.2L	29 Mo (EDT)	06:23-0.4L 12:08 8.7H 19:04 0.0L
15 Tu (EDT)	05:33-0.5L 10:52 6.9H 17:36-0.3L 23:25 8.0H	30 We (EDT)	05:05 0.2L 10:29 6.7H 17:12-0.1L 22:45 8.0H	15 Fr (EDT)	06:30 0.1L 12:00 7.0H 18:42 0.6L	30 Sa (EDT)	06:02-0.4L 11:37 8.0H 18:29-0.2L 23:55 8.0H	15 Mo (EDT)	00:27 6.8H 07:03 0.9L 12:45 7.2H 19:27 1.5L	30 Tu (EDT)	00:28 7.7H 07:11-0.1L 13:06 8.5H 19:58 0.4L
		31 Th (EDT)	05:46 0.0L 11:13 6.8H 17:58-0.1L 23:29 7.9H			31 Su (EDT)	06:46-0.4L 12:29 8.0H 19:19 0.1L				

# Tides:Mackay River (ICWW)

based on Savannah River Ent., Georgia (NOAA)  
31° 18 N 81° 24 W

Average Tides	
Mean Range:	6.8 ft
MHWS	8.0 ft
Mean Tide:	3.7 ft

October, 2003

November, 2003

December, 2003

1 We (EDT)	01:26 7.3H 08:03 0.3L 14:08 8.2H 20:58 0.9L	16 Th (EDT)	01:14 6.2H 07:43 1.5L 13:34 7.1H 20:18 2.0L	1 Sa (EST)	02:17 6.7H 08:53 1.1L 14:57 7.6H 21:50 1.1L	16 Su (EST)	01:23 5.9H 07:52 1.5L 13:45 7.1H 20:34 1.6L	1 Mo (EST)	02:54 6.5H 09:37 1.2L 15:25 6.9H 22:16 0.7L	16 Tu (EST)	01:48 6.2H 08:27 0.9L 14:07 6.9H 20:57 0.6L
2 Th (EDT)	02:27 7.0H 09:02 0.7L 15:11 8.0H 22:04 1.2L	17 Fr (EDT)	02:04 6.0H 08:29 1.7L 14:26 7.0H 21:10 2.2L	2 Su (EST)	03:19 6.7H 10:04 1.3L 15:57 7.4H 22:52 1.0L	17 Mo (EST)	02:20 6.1H 08:55 1.5L 14:41 7.1H 21:34 1.4L	2 Tu (EST)	03:50 6.6H 10:43 1.2L 16:17 6.7H 23:09 0.6L	17 We (EST)	02:45 6.5H 09:33 0.8L 15:04 6.9H 21:57 0.3L
3 Fr (EDT)	03:30 6.8H 10:09 1.0L 16:15 7.8H 23:13 1.3L	18 Sa (EDT)	02:58 5.9H 09:24 1.8L 15:21 7.0H 22:11 2.2L	3 Mo (EST)	04:18 6.8H 11:10 1.2L 16:53 7.3H 23:46 0.8L	18 Tu (EST)	03:18 6.4H 10:02 1.3L 15:38 7.2H 22:35 1.0L	3 We (EST)	04:43 6.7H 11:41 1.2L 17:09 6.5H 23:57 0.5L	18 Th (EST)	03:44 6.9H 10:41 0.6L 16:03 6.9H 22:57 0.0L
4 Sa (EDT)	04:33 6.7H 11:21 1.1L 17:18 7.7H	19 Su (EDT)	03:55 6.0H 10:28 1.8L 16:18 7.2H 23:15 1.9L	4 Tu (EST)	05:15 7.0H 12:08 1.1L 17:46 7.2H	19 We (EST)	04:16 6.9H 11:08 0.9L 16:35 7.4H 23:32 0.5L	4 Th (EST)	05:33 6.9H 12:32 1.0L 17:58 6.5H	19 Fr (EST)	04:44 7.4H 11:46 0.3L 17:03 6.9H 23:56-0.4L
5 Su (EDT)	00:17 1.1L 05:36 6.8H 12:28 1.0L 18:19 7.6H	20 Mo (EDT)	04:52 6.3H 11:35 1.5L 17:15 7.4H	5 We (EST)	00:33 0.6L 06:06 7.3H 12:59 0.9L 18:34 7.2H	20 Th (EST)	05:14 7.5H 12:09 0.5L 17:33 7.5H	5 Fr (EST)	00:41 0.4L 06:21 7.1H 13:18 0.9L 18:44 6.5H	20 Sa (EST)	05:45 7.9H 12:47-0.1L 18:03 7.0H
6 Mo (EDT)	01:13 0.9L 06:36 7.0H 13:26 0.8L 19:15 7.7H	21 Tu (EDT)	00:15 1.5L 05:50 6.8H 12:37 1.1L 18:12 7.7H	6 Th (EST)	01:16 0.5L 06:52 7.5H 13:45 0.8L 19:17 7.2H	21 Fr (EST)	00:26 0.0L 06:10 8.1H 13:07 0.0L 18:29 7.7H	6 Sa (EST)	01:22 0.3L 07:04 7.3H 14:01 0.8L 19:27 6.5H	21 Su (EST)	00:53-0.7L 06:44 8.3H 13:45-0.5L 19:01 7.2H
7 Tu (EDT)	02:03 0.6L 07:31 7.3H 14:19 0.7L 20:03 7.8H	22 We (EDT)	01:09 1.0L 06:46 7.3H 13:35 0.6L 19:06 8.0H	7 Fr (EST)	01:56 0.4L 07:33 7.7H 14:27 0.8L 19:56 7.2H	22 Sa (EST)	01:18-0.5L 07:05 8.6H 14:03-0.4L 19:23 7.9H	7 Su (EST)	02:02 0.2L 07:44 7.5H 14:42 0.7L 20:07 6.5H	22 Mo (EST)	01:49-1.0L 07:41 8.6H 14:41-0.8L 19:57 7.3H
8 We (EDT)	02:48 0.5L 08:18 7.6H 15:07 0.6L 20:46 7.8H	23 Th (EDT)	01:59 0.4L 07:39 8.0H 14:30 0.1L 19:58 8.2H	8 Sa (EST)	02:35 0.4L 08:11 7.9H 15:07 0.8L 20:33 7.1H	23 Su (EST)	02:10-0.8L 07:57 9.0H 14:57-0.7L 20:15 7.9H	8 Mo (EST)	02:42 0.2L 08:23 7.6H 15:21 0.7L 20:45 6.4H	23 Tu (EST)	02:44-1.2L 08:35 8.8H 15:35-0.9L 20:50 7.3H
9 Th (EDT)	03:29 0.4L 09:00 7.8H 15:51 0.6L 21:25 7.7H	24 Fr (EDT)	02:48-0.1L 08:29 8.6H 15:23-0.2L 20:48 8.4H	9 Su (EST)	03:11 0.4L 08:47 7.9H 15:45 0.8L 21:09 6.9H	24 Mo (EST)	03:02-1.0L 08:48 9.2H 15:50-0.7L 21:06 7.8H	9 Tu (EST)	03:20 0.2L 08:59 7.6H 15:58 0.7L 21:22 6.3H	24 We (EST)	03:38-1.3L 09:28 8.7H 16:26-0.9L 21:43 7.2H
10 Fr (EDT)	04:08 0.3L 09:39 7.9H 16:31 0.7L 22:02 7.6H	25 Sa (EDT)	03:37-0.5L 09:18 9.0H 16:15-0.5L 21:36 8.4H	10 Mo (EST)	03:47 0.5L 09:22 7.9H 16:21 1.0L 21:45 6.7H	25 Tu (EST)	03:54-1.0L 09:40 9.1H 16:42-0.7L 21:58 7.6H	10 We (EST)	03:58 0.3L 09:35 7.5H 16:35 0.7L 21:57 6.2H	25 Th (EST)	04:30-1.1L 10:21 8.4H 17:16-0.8L 22:37 7.0H
11 Sa (EDT)	04:44 0.4L 10:15 7.9H 17:09 0.8L 22:37 7.3H	26 Su (EST)	03:25-0.7L 09:06 9.3H 16:07-0.6L 21:25 8.3H	11 Tu (EST)	04:23 0.7L 09:57 7.7H 16:56 1.1L 22:20 6.5H	26 We (EST)	04:45-0.8L 10:35 8.8H 17:34-0.4L 22:54 7.3H	11 Th (EST)	04:36 0.4L 10:12 7.4H 17:11 0.8L 22:34 6.0H	26 Fr (EST)	05:21-0.9L 11:15 8.1H 18:05-0.6L 23:33 6.8H
12 Su (EDT)	05:19 0.6L 10:50 7.9H 17:45 1.0L 23:13 7.1H	27 Mo (EST)	04:13-0.7L 09:56 9.2H 16:58-0.4L 22:15 8.0H	12 We (EST)	04:58 0.8L 10:34 7.5H 17:32 1.3L 22:58 6.2H	27 Th (EST)	05:37-0.5L 11:33 8.4H 18:26-0.1L 23:54 7.0H	12 Fr (EST)	05:14 0.5L 10:50 7.3H 17:48 0.8L 23:14 5.9H	27 Sa (EST)	06:11-0.4L 12:09 7.6H 18:53-0.3L
13 Mo (EDT)	05:53 0.8L 11:26 7.7H 18:21 1.3L 23:50 6.7H	28 Tu (EST)	05:02-0.5L 10:50 9.0H 17:49-0.1L 23:10 7.6H	13 Th (EST)	05:35 1.0L 11:13 7.4H 18:10 1.5L 23:40 6.0H	28 Fr (EST)	06:30 0.0L 12:34 8.0H 19:20 0.3L	13 Sa (EST)	05:54 0.6L 11:33 7.2H 18:28 0.8L	28 Su (EST)	00:30 6.6H 07:03 0.1L 13:03 7.1H 19:43 0.1L
14 Tu (EDT)	06:27 1.0L 12:04 7.5H 18:56 1.5L	29 We (EST)	05:53-0.2L 11:49 8.6H 18:43 0.3L	14 Fr (EST)	06:15 1.2L 11:59 7.2H 18:51 1.6L	29 Sa (EST)	00:56 6.7H 07:27 0.5L 13:33 7.5H 20:18 0.6L	14 Su (EST)	00:00 5.9H 06:38 0.7L 12:21 7.1H 19:12 0.8L	29 Mo (EST)	01:26 6.4H 07:58 0.6L 13:55 6.7H 20:35 0.4L
15 We (EDT)	00:30 6.4H 07:03 1.2L 12:46 7.3H 19:35 1.8L	30 Th (EST)	00:10 7.2H 06:46 0.3L 12:52 8.2H 19:41 0.7L	15 Sa (EST)	00:28 5.9H 07:00 1.3L 12:50 7.1H 19:39 1.6L	30 Su (EST)	01:56 6.6H 08:29 0.9L 14:30 7.2H 21:18 0.7L	15 Mo (EST)	00:52 6.0H 07:28 0.8L 13:13 7.0H 20:01 0.7L	30 Tu (EST)	02:19 6.3H 08:58 1.0L 14:45 6.3H 21:29 0.5L
		31 Fr (EST)	01:14 6.9H 07:46 0.7L 13:56 7.9H 20:44 1.0L							31 We (EST)	03:11 6.3H 10:02 1.2L 15:35 6.0H 22:23 0.6L