


**Mareas de Cabo Gracias a Dios  Noviembre 2018**


| FECHA  | HORA  | ALTURA   | FECHA  | HORA  | ALTURA   | FECHA  | HORA  | ALTURA   |
|--------|-------|----------|--------|-------|----------|--------|-------|----------|
|        | h     | m (pies) |        | h     | m (pies) |        | h     | m (pies) |
| 1 Jue  | 03:22 | 1.4      | 11 Dom | 04:27 | 0.1      | 21 Mie | 00:24 | 0.1      |
|        | 08:33 | 0.2      |        | 11:45 | 1.7      |        | 07:40 | 1.7      |
|        | 15:50 | 1.6      |        | 17:22 | 0.2      |        | 13:09 | 0.1      |
|        | 21:29 | 0.2      |        |       |          |        | 19:57 | 1.5      |
| 2 Vie  | 04:32 | 1.5      | 12 Lun | 00:07 | 1.3      | 22 Jue | 01:07 | 0.0      |
|        | 09:46 | 0.2      |        | 05:10 | 0.2      |        | 08:23 | 1.8      |
|        | 16:58 | 1.6      |        | 12:27 | 1.6      |        | 13:56 | 0.0      |
|        | 22:29 | 0.1      |        | 18:07 | 0.3      |        | 20:43 | 1.5      |
| 3 Sab  | 05:36 | 1.6      | 13 Mar | 00:52 | 1.3      | 23 Vie | 01:51 | -0.1     |
|        | 10:53 | 0.1      |        | 05:55 | 0.3      |        | 09:08 | 1.9      |
|        | 17:59 | 1.6      |        | 13:11 | 1.5      |        | 14:42 | 0.0      |
|        | 23:23 | 0.0      |        | 18:53 | 0.3      |        | 21:30 | 1.5      |
| 4 Dom  | 06:34 | 1.7      | 14 Mie | 01:41 | 1.3      | 24 Sab | 02:36 | -0.1     |
|        | 11:54 | 0.1      |        | 06:45 | 0.4      |        | 09:54 | 1.9      |
|        | 18:55 | 1.6      |        | 13:59 | 1.4      |        | 15:30 | -0.1     |
|        |       |          |        | 19:42 | 0.3      |        | 22:18 | 1.5      |
| 5 Lun  | 00:13 | 0.0      | 15 Jue | 02:35 | 1.2      | 25 Dom | 03:23 | -0.1     |
|        | 07:27 | 1.8      |        | 07:41 | 0.4      |        | 10:42 | 1.9      |
|        | 12:49 | 0.0      |        | 14:51 | 1.4      |        | 16:19 | -0.1     |
|        | 19:47 | 1.6      |        | 20:33 | 0.3      |        | 23:08 | 1.5      |
| 6 Mar  | 00:59 | -0.1     | 16 Vie | 03:32 | 1.3      | 26 Lun | 04:13 | -0.1     |
|        | 08:15 | 1.8      |        | 08:41 | 0.4      |        | 11:32 | 1.8      |
|        | 13:40 | 0.0      |        | 15:46 | 1.4      |        | 17:11 | -0.1     |
|        | 20:34 | 1.6      |        | 21:23 | 0.3      |        |       |          |
| 7 Mie  | 01:43 | -0.1     | 17 Sab | 04:28 | 1.3      | 27 Mar | 00:01 | 1.4      |
|        | 09:00 | 1.9      |        | 09:42 | 0.4      |        | 05:08 | -0.1     |
|        | 14:27 | -0.1     |        | 16:41 | 1.4      |        | 12:26 | 1.7      |
|        | 21:19 | 1.6      |        | 22:12 | 0.3      |        | 18:06 | 0.0      |
| 8 Jue  | 02:25 | -0.1     | 18 Dom | 05:21 | 1.4      | 28 Mie | 00:59 | 1.4      |
|        | 09:43 | 1.9      |        | 10:39 | 0.3      |        | 06:07 | 0.0      |
|        | 15:12 | 0.0      |        | 17:34 | 1.4      |        | 13:25 | 1.7      |
|        | 22:01 | 1.5      |        | 22:57 | 0.2      |        | 19:04 | 0.0      |
| 9 Vie  | 03:06 | 0.0      | 19 Lun | 06:10 | 1.5      | 29 Jue | 02:02 | 1.4      |
|        | 10:24 | 1.8      |        | 11:32 | 0.3      |        | 07:13 | 0.1      |
|        | 15:56 | 0.0      |        | 18:24 | 1.4      |        | 14:27 | 1.6      |
|        | 22:43 | 1.5      |        | 23:41 | 0.1      |        | 20:04 | 0.0      |
| 10 Sab | 03:47 | 0.0      | 20 Mar | 06:55 | 1.6      | 30 Vie | 03:09 | 1.4      |
|        | 11:05 | 1.7      |        | 12:22 | 0.2      |        | 08:23 | 0.1      |
|        | 16:39 | 0.1      |        | 19:11 | 1.5      |        | 15:32 | 1.5      |
|        | 23:25 | 1.4      |        |       |          |        | 21:04 | 0.0      |

Las mareas están referidas al nivel promedio de mareas bajas de sicigia. Coordenadas 15°00'N 83°10'W

Mareas de Puerto Cabezas  Noviembre 2018

| FECHA  | HORA  | ALTURA   | FECHA  | HORA  | ALTURA   | FECHA  | HORA  | ALTURA   |
|--------|-------|----------|--------|-------|----------|--------|-------|----------|
|        | h     | m (pies) |        | h     | m (pies) |        | h     | m (pies) |
| 1 Jue  | 00:08 | 0.2      | 11 Dom | 02:07 | 1.4      | 21 Mie | 04:07 | 0.1      |
|        | 06:04 | 1.4      |        | 08:10 | 0.1      |        | 10:22 | 1.7      |
|        | 12:16 | 0.2      |        | 14:27 | 1.6      |        | 16:52 | 0.1      |
|        | 18:32 | 1.6      |        | 21:05 | 0.2      |        | 22:39 | 1.5      |
| 2 Vie  | 01:12 | 0.2      | 12 Lun | 02:49 | 1.3      | 22 Jue | 04:50 | 0.0      |
|        | 07:14 | 1.5      |        | 08:53 | 0.2      |        | 11:05 | 1.8      |
|        | 13:29 | 0.2      |        | 15:09 | 1.6      |        | 17:39 | 0.0      |
|        | 19:40 | 1.6      |        | 21:50 | 0.2      |        | 23:25 | 1.5      |
| 3 Sab  | 02:12 | 0.1      | 13 Mar | 03:34 | 1.3      | 23 Vie | 05:34 | -0.1     |
|        | 08:18 | 1.5      |        | 09:38 | 0.3      |        | 11:50 | 1.8      |
|        | 14:36 | 0.1      |        | 15:53 | 1.5      |        | 18:25 | 0.0      |
|        | 20:41 | 1.6      |        | 22:36 | 0.3      |        |       |          |
| 4 Dom  | 03:06 | 0.0      | 14 Mie | 04:23 | 1.2      | 24 Sab | 00:12 | 1.5      |
|        | 09:16 | 1.7      |        | 10:28 | 0.3      |        | 06:19 | -0.1     |
|        | 15:37 | 0.1      |        | 16:41 | 1.4      |        | 12:36 | 1.9      |
|        | 21:37 | 1.6      |        | 23:25 | 0.3      |        | 19:13 | -0.1     |
| 5 Lun  | 03:56 | 0.0      | 15 Jue | 05:17 | 1.2      | 25 Dom | 01:00 | 1.5      |
|        | 10:09 | 1.7      |        | 11:24 | 0.4      |        | 07:06 | -0.1     |
|        | 16:32 | 0.0      |        | 17:33 | 1.4      |        | 13:24 | 1.8      |
|        | 22:29 | 1.6      |        |       |          |        | 20:02 | -0.1     |
| 6 Mar  | 04:42 | -0.1     | 16 Vie | 00:16 | 0.3      | 26 Lun | 01:50 | 1.4      |
|        | 10:57 | 1.8      |        | 06:14 | 1.2      |        | 07:56 | -0.1     |
|        | 17:23 | 0.0      |        | 12:24 | 0.4      |        | 14:14 | 1.8      |
|        | 23:16 | 1.6      |        | 18:28 | 1.4      |        | 20:54 | -0.1     |
| 7 Mie  | 05:26 | -0.1     | 17 Sab | 01:06 | 0.3      | 27 Mar | 02:43 | 1.4      |
|        | 11:42 | 1.8      |        | 07:10 | 1.3      |        | 08:51 | -0.1     |
|        | 18:10 | -0.1     |        | 13:25 | 0.4      |        | 15:08 | 1.7      |
|        |       |          |        | 19:23 | 1.4      |        | 21:49 | 0.0      |
| 8 Jue  | 00:01 | 1.5      | 18 Dom | 01:55 | 0.3      | 28 Mie | 03:41 | 1.4      |
|        | 06:08 | -0.1     |        | 08:03 | 1.4      |        | 09:50 | 0.0      |
|        | 12:25 | 1.8      |        | 14:22 | 0.3      |        | 16:07 | 1.6      |
|        | 18:55 | 0.0      |        | 20:16 | 1.4      |        | 22:47 | 0.0      |
| 9 Vie  | 00:43 | 1.5      | 19 Lun | 02:40 | 0.2      | 29 Jue | 04:44 | 1.4      |
|        | 06:49 | 0.0      |        | 08:52 | 1.5      |        | 10:56 | 0.1      |
|        | 13:06 | 1.8      |        | 15:15 | 0.3      |        | 17:09 | 1.5      |
|        | 19:39 | 0.0      |        | 21:06 | 1.4      |        | 23:47 | 0.0      |
| 10 Sab | 01:25 | 1.4      | 20 Mar | 03:24 | 0.1      | 30 Vie | 05:51 | 1.4      |
|        | 07:30 | 0.0      |        | 09:37 | 1.6      |        | 12:06 | 0.1      |
|        | 13:47 | 1.7      |        | 16:05 | 0.2      |        | 18:14 | 1.4      |
|        | 20:22 | 0.1      |        | 21:53 | 1.5      |        |       |          |


Las mareas están referidas al nivel promedio de mareas bajas de sicigia. Coordenadas 14°01'N 83°23'W

**Mareas de Cayos de Perlas  Noviembre 2018**

| FECHA  | HORA  |   | ALTURA | FECHA  | HORA  |   | ALTURA | FECHA  | HORA  |   | ALTURA |
|--------|-------|---|--------|--------|-------|---|--------|--------|-------|---|--------|
|        | h     | m | (pies) |        | h     | m | (pies) |        | h     | m | (pies) |
| 1 Jue  | 01:30 |   | 0.2    | 11 Dom | 03:55 |   | 1.1    | 21 Mie | 05:29 |   | 0.0    |
|        | 07:52 |   | 1.2    |        | 09:32 |   | 0.1    |        | 12:10 |   | 1.4    |
|        | 13:38 |   | 0.2    |        | 16:15 |   | 1.3    |        | 18:14 |   | 0.1    |
|        | 20:20 |   | 1.3    |        | 22:27 |   | 0.1    |        |       |   |        |
| 2 Vie  | 02:34 |   | 0.1    | 12 Lun | 04:37 |   | 1.1    | 22 Jue | 00:27 |   | 1.2    |
|        | 09:02 |   | 1.2    |        | 10:15 |   | 0.2    |        | 06:12 |   | 0.0    |
|        | 14:51 |   | 0.2    |        | 16:57 |   | 1.3    |        | 12:53 |   | 1.5    |
|        | 21:28 |   | 1.3    |        | 23:12 |   | 0.2    |        | 19:01 |   | 0.0    |
| 3 Sab  | 03:34 |   | 0.1    | 13 Mar | 05:22 |   | 1.0    | 23 Vie | 01:13 |   | 1.2    |
|        | 10:06 |   | 1.3    |        | 11:00 |   | 0.2    |        | 06:56 |   | -0.1   |
|        | 15:58 |   | 0.1    |        | 17:41 |   | 1.2    |        | 13:38 |   | 1.5    |
|        | 22:29 |   | 1.3    |        | 23:58 |   | 0.2    |        | 19:47 |   | 0.0    |
| 4 Dom  | 04:28 |   | 0.0    | 14 Mie | 06:11 |   | 1.0    | 24 Sab | 02:00 |   | 1.2    |
|        | 11:04 |   | 1.4    |        | 11:50 |   | 0.3    |        | 07:41 |   | -0.1   |
|        | 16:59 |   | 0.0    |        | 18:29 |   | 1.2    |        | 14:24 |   | 1.5    |
|        | 23:25 |   | 1.3    |        |       |   |        |        | 20:35 |   | -0.1   |
| 5 Lun  | 05:18 |   | 0.0    | 15 Jue | 00:47 |   | 0.3    | 25 Dom | 02:48 |   | 1.2    |
|        | 11:57 |   | 1.4    |        | 07:05 |   | 1.0    |        | 08:28 |   | -0.1   |
|        | 17:54 |   | 0.0    |        | 12:46 |   | 0.3    |        | 15:12 |   | 1.5    |
|        |       |   |        |        | 19:21 |   | 1.1    |        | 21:24 |   | -0.1   |
| 6 Mar  | 00:17 |   | 1.3    | 16 Vie | 01:38 |   | 0.3    | 26 Lun | 03:38 |   | 1.2    |
|        | 06:04 |   | -0.1   |        | 08:02 |   | 1.0    |        | 09:18 |   | -0.1   |
|        | 12:45 |   | 1.5    |        | 13:46 |   | 0.3    |        | 16:02 |   | 1.5    |
|        | 18:45 |   | 0.0    |        | 20:16 |   | 1.1    |        | 22:16 |   | 0.0    |
| 7 Mie  | 01:04 |   | 1.3    | 17 Sab | 02:28 |   | 0.3    | 27 Mar | 04:31 |   | 1.2    |
|        | 06:48 |   | -0.1   |        | 08:58 |   | 1.1    |        | 10:13 |   | 0.0    |
|        | 13:30 |   | 1.5    |        | 14:47 |   | 0.3    |        | 16:56 |   | 1.4    |
|        | 19:32 |   | 0.0    |        | 21:11 |   | 1.1    |        | 23:11 |   | 0.0    |
| 8 Jue  | 01:49 |   | 1.3    | 18 Dom | 03:17 |   | 0.2    | 28 Mie | 05:29 |   | 1.1    |
|        | 07:30 |   | -0.1   |        | 09:51 |   | 1.1    |        | 11:12 |   | 0.0    |
|        | 14:13 |   | 1.5    |        | 15:44 |   | 0.3    |        | 17:55 |   | 1.3    |
|        | 20:17 |   | 0.0    |        | 22:04 |   | 1.1    |        |       |   |        |
| 9 Vie  | 02:31 |   | 1.2    | 19 Lun | 04:02 |   | 0.2    | 29 Jue | 00:09 |   | 0.0    |
|        | 08:11 |   | 0.0    |        | 10:40 |   | 1.2    |        | 06:32 |   | 1.1    |
|        | 14:54 |   | 1.5    |        | 16:37 |   | 0.2    |        | 12:18 |   | 0.0    |
|        | 21:01 |   | 0.0    |        | 22:54 |   | 1.2    |        | 18:57 |   | 1.3    |
| 10 Sab | 03:13 |   | 1.2    | 20 Mar | 04:46 |   | 0.1    | 30 Vie | 01:09 |   | 0.0    |
|        | 08:52 |   | 0.0    |        | 11:25 |   | 1.3    |        | 07:39 |   | 1.1    |
|        | 15:35 |   | 1.4    |        | 17:27 |   | 0.1    |        | 13:28 |   | 0.1    |
|        | 21:44 |   | 0.1    |        | 23:41 |   | 1.2    |        | 20:02 |   | 1.2    |


Las mareas están referidas al nivel promedio de mareas bajas de sicigia. Coordenadas 12°25'N 83°25'W



Mareas de Isla del Maíz Grande  Noviembre 2018


| FECHA  | HORA  | ALTURA   | FECHA  | HORA  | ALTURA   | FECHA  | HORA  | ALTURA   |
|--------|-------|----------|--------|-------|----------|--------|-------|----------|
|        | h     | m (pies) |        | h     | m (pies) |        | h     | m (pies) |
| 1 Jue  | 01:10 | 0.2      | 11 Dom | 03:40 | 1.1      | 21 Mie | 05:09 | 0.0      |
|        | 07:37 | 1.2      |        | 09:12 | 0.1      |        | 11:55 | 1.4      |
|        | 13:18 | 0.2      |        | 16:00 | 1.3      |        | 17:54 | 0.1      |
|        | 20:05 | 1.3      |        | 22:07 | 0.1      |        |       |          |
| 2 Vie  | 02:14 | 0.1      | 12 Lun | 04:22 | 1.1      | 22 Jue | 00:12 | 1.2      |
|        | 08:47 | 1.2      |        | 09:55 | 0.2      |        | 05:52 | 0.0      |
|        | 14:31 | 0.2      |        | 16:42 | 1.3      |        | 12:38 | 1.5      |
|        | 21:13 | 1.3      |        | 22:52 | 0.2      |        | 18:41 | 0.0      |
| 3 Sab  | 03:14 | 0.1      | 13 Mar | 05:07 | 1.0      | 23 Vie | 00:58 | 1.2      |
|        | 09:51 | 1.3      |        | 10:40 | 0.2      |        | 06:36 | -0.1     |
|        | 15:38 | 0.1      |        | 17:26 | 1.2      |        | 13:23 | 1.5      |
|        | 22:14 | 1.3      |        | 23:38 | 0.2      |        | 19:27 | 0.0      |
| 4 Dom  | 04:08 | 0.0      | 14 Mie | 05:56 | 1.0      | 24 Sab | 01:45 | 1.2      |
|        | 10:49 | 1.4      |        | 11:30 | 0.3      |        | 07:21 | -0.1     |
|        | 16:39 | 0.0      |        | 18:14 | 1.2      |        | 14:09 | 1.5      |
|        | 23:10 | 1.3      |        |       |          |        | 20:15 | -0.1     |
| 5 Lun  | 04:58 | 0.0      | 15 Jue | 00:27 | 0.3      | 25 Dom | 02:33 | 1.2      |
|        | 11:42 | 1.4      |        | 06:50 | 1.0      |        | 08:08 | -0.1     |
|        | 17:34 | 0.0      |        | 12:26 | 0.3      |        | 14:57 | 1.5      |
|        |       |          |        | 19:06 | 1.1      |        | 21:04 | -0.1     |
| 6 Mar  | 00:02 | 1.3      | 16 Vie | 01:18 | 0.3      | 26 Lun | 03:23 | 1.2      |
|        | 05:44 | -0.1     |        | 07:47 | 1.0      |        | 08:58 | -0.1     |
|        | 12:30 | 1.5      |        | 13:26 | 0.3      |        | 15:47 | 1.5      |
|        | 18:25 | 0.0      |        | 20:01 | 1.1      |        | 21:56 | 0.0      |
| 7 Mie  | 00:49 | 1.3      | 17 Sab | 02:08 | 0.3      | 27 Mar | 04:16 | 1.2      |
|        | 06:28 | -0.1     |        | 08:43 | 1.1      |        | 09:53 | 0.0      |
|        | 13:15 | 1.5      |        | 14:27 | 0.3      |        | 16:41 | 1.4      |
|        | 19:12 | 0.0      |        | 20:56 | 1.1      |        | 22:51 | 0.0      |
| 8 Jue  | 01:34 | 1.3      | 18 Dom | 02:57 | 0.2      | 28 Mie | 05:14 | 1.1      |
|        | 07:10 | -0.1     |        | 09:36 | 1.1      |        | 10:52 | 0.0      |
|        | 13:58 | 1.5      |        | 15:24 | 0.3      |        | 17:40 | 1.3      |
|        | 19:57 | 0.0      |        | 21:49 | 1.1      |        | 23:49 | 0.0      |
| 9 Vie  | 02:16 | 1.2      | 19 Lun | 03:42 | 0.2      | 29 Jue | 06:17 | 1.1      |
|        | 07:51 | 0.0      |        | 10:25 | 1.2      |        | 11:58 | 0.0      |
|        | 14:39 | 1.5      |        | 16:17 | 0.2      |        | 18:42 | 1.3      |
|        | 20:41 | 0.0      |        | 22:39 | 1.2      |        |       |          |
| 10 Sab | 02:58 | 1.2      | 20 Mar | 04:26 | 0.1      | 30 Vie | 00:49 | 0.0      |
|        | 08:32 | 0.0      |        | 11:10 | 1.3      |        | 07:24 | 1.1      |
|        | 15:20 | 1.4      |        | 17:07 | 0.1      |        | 13:08 | 0.1      |
|        | 21:24 | 0.1      |        | 23:26 | 1.2      |        | 19:47 | 1.2      |

Las mareas están referidas al nivel promedio de mareas bajas de sicigia. Coordenadas 12°10'N 83°03'W

Mareas de Bluefields  Noviembre 2018

| FECHA  | HORA  | ALTURA    | FECHA  | HORA  | ALTURA    | FECHA  | HORA  | ALTURA    |
|--------|-------|-----------|--------|-------|-----------|--------|-------|-----------|
|        |       | hm (pies) |        |       | hm (pies) |        |       | hm (pies) |
| 1 Jue  | 00:24 | 0.1       | 11 Dom | 02:56 | 0.7       | 21 Mie | 04:23 | 0.0       |
|        | 06:53 | 0.7       |        | 08:26 | 0.1       |        | 11:11 | 0.8       |
|        | 12:32 | 0.1       |        | 15:16 | 0.8       |        | 17:08 | 0.0       |
|        | 19:21 | 0.8       |        | 21:21 | 0.1       |        | 23:28 | 0.7       |
| 2 Vie  | 01:28 | 0.1       | 12 Lun | 03:38 | 0.7       | 22 Jue | 05:06 | 0.0       |
|        | 08:03 | 0.7       |        | 09:09 | 0.1       |        | 11:54 | 0.9       |
|        | 13:45 | 0.1       |        | 15:58 | 0.8       |        | 17:55 | 0.0       |
|        | 20:29 | 0.8       |        | 22:06 | 0.1       |        |       |           |
| 3 Sab  | 02:28 | 0.0       | 13 Mar | 04:23 | 0.6       | 23 Vie | 00:14 | 0.7       |
|        | 09:07 | 0.8       |        | 09:54 | 0.1       |        | 05:50 | 0.0       |
|        | 14:52 | 0.1       |        | 16:42 | 0.7       |        | 12:39 | 0.9       |
|        | 21:30 | 0.8       |        | 22:52 | 0.2       |        | 18:41 | 0.0       |
| 4 Dom  | 03:22 | 0.0       | 14 Mie | 05:12 | 0.6       | 24 Sab | 01:01 | 0.7       |
|        | 10:05 | 0.8       |        | 10:44 | 0.2       |        | 06:35 | 0.0       |
|        | 15:53 | 0.0       |        | 17:30 | 0.7       |        | 13:25 | 0.9       |
|        | 22:26 | 0.8       |        | 23:41 | 0.2       |        | 19:29 | 0.0       |
| 5 Lun  | 04:12 | 0.0       | 15 Jue | 06:06 | 0.6       | 25 Dom | 01:49 | 0.7       |
|        | 10:58 | 0.9       |        | 11:40 | 0.2       |        | 07:22 | -0.1      |
|        | 16:48 | 0.0       |        | 18:22 | 0.7       |        | 14:13 | 0.9       |
|        | 23:18 | 0.8       |        |       |           |        | 20:18 | 0.0       |
| 6 Mar  | 04:58 | 0.0       | 16 Vie | 00:32 | 0.2       | 26 Lun | 02:39 | 0.7       |
|        | 11:46 | 0.9       |        | 07:03 | 0.6       |        | 08:12 | 0.0       |
|        | 17:39 | 0.0       |        | 12:40 | 0.2       |        | 15:03 | 0.9       |
|        |       |           |        | 19:17 | 0.7       |        | 21:10 | 0.0       |
| 7 Mie  | 00:05 | 0.8       | 17 Sab | 01:22 | 0.2       | 27 Mar | 03:32 | 0.7       |
|        | 05:42 | 0.0       |        | 07:59 | 0.7       |        | 09:07 | 0.0       |
|        | 12:31 | 0.9       |        | 13:41 | 0.2       |        | 15:57 | 0.9       |
|        | 18:26 | 0.0       |        | 20:12 | 0.7       |        | 22:05 | 0.0       |
| 8 Jue  | 00:50 | 0.8       | 18 Dom | 02:11 | 0.1       | 28 Mie | 04:30 | 0.7       |
|        | 06:24 | 0.0       |        | 08:52 | 0.7       |        | 10:06 | 0.0       |
|        | 13:14 | 0.9       |        | 14:38 | 0.2       |        | 16:56 | 0.8       |
|        | 19:11 | 0.0       |        | 21:05 | 0.7       |        | 23:03 | 0.0       |
| 9 Vie  | 01:32 | 0.7       | 19 Lun | 02:56 | 0.1       | 29 Jue | 05:33 | 0.7       |
|        | 07:05 | 0.0       |        | 09:41 | 0.7       |        | 11:12 | 0.0       |
|        | 13:55 | 0.9       |        | 15:31 | 0.1       |        | 17:58 | 0.8       |
|        | 19:55 | 0.0       |        | 21:55 | 0.7       |        |       |           |
| 10 Sab | 02:14 | 0.7       | 20 Mar | 03:40 | 0.1       | 30 Vie | 00:03 | 0.0       |
|        | 07:46 | 0.0       |        | 10:26 | 0.8       |        | 06:40 | 0.7       |
|        | 14:36 | 0.9       |        | 16:21 | 0.1       |        | 12:22 | 0.0       |
|        | 20:38 | 0.1       |        | 22:42 | 0.7       |        | 19:03 | 0.7       |

Las mareas están referidas al nivel promedio de mareas bajas de sicigia. Coordenadas 12°00'N 83°42'W

Mareas de San Juan de Nicaragua  Noviembre 2018

| FECHA  | HORA  | ALTURA    | FECHA  | HORA  | ALTURA    | FECHA  | HORA  | ALTURA    |
|--------|-------|-----------|--------|-------|-----------|--------|-------|-----------|
|        |       | hm (pies) |        |       | hm (pies) |        |       | hm (pies) |
| 1 Jue  | 01:00 | 0.1       | 11 Dom | 03:05 | 0.7       | 21 Mie | 04:59 | 0.0       |
|        | 07:02 | 0.7       |        | 09:02 | 0.1       |        | 11:20 | 0.8       |
|        | 13:08 | 0.1       |        | 15:25 | 0.8       |        | 17:44 | 0.0       |
|        | 19:30 | 0.8       |        | 21:57 | 0.1       |        | 23:37 | 0.7       |
| 2 Vie  | 02:04 | 0.1       | 12 Lun | 03:47 | 0.7       | 22 Jue | 05:42 | 0.0       |
|        | 08:12 | 0.7       |        | 09:45 | 0.1       |        | 12:03 | 0.9       |
|        | 14:21 | 0.1       |        | 16:07 | 0.8       |        | 18:31 | 0.0       |
|        | 20:38 | 0.8       |        | 22:42 | 0.1       |        |       |           |
| 3 Sab  | 03:04 | 0.0       | 13 Mar | 04:32 | 0.6       | 23 Vie | 00:23 | 0.7       |
|        | 09:16 | 0.8       |        | 10:30 | 0.1       |        | 06:26 | 0.0       |
|        | 15:28 | 0.1       |        | 16:51 | 0.7       |        | 12:48 | 0.9       |
|        | 21:39 | 0.8       |        | 23:28 | 0.2       |        | 19:17 | 0.0       |
| 4 Dom  | 03:58 | 0.0       | 14 Mie | 05:21 | 0.6       | 24 Sab | 01:10 | 0.7       |
|        | 10:14 | 0.8       |        | 11:20 | 0.2       |        | 07:11 | 0.0       |
|        | 16:29 | 0.0       |        | 17:39 | 0.7       |        | 13:34 | 0.9       |
|        | 22:35 | 0.8       |        |       |           |        | 20:05 | 0.0       |
| 5 Lun  | 04:48 | 0.0       | 15 Jue | 00:17 | 0.2       | 25 Dom | 01:58 | 0.7       |
|        | 11:07 | 0.9       |        | 06:15 | 0.6       |        | 07:58 | -0.1      |
|        | 17:24 | 0.0       |        | 12:16 | 0.2       |        | 14:22 | 0.9       |
|        | 23:27 | 0.8       |        | 18:31 | 0.7       |        | 20:54 | 0.0       |
| 6 Mar  | 05:34 | 0.0       | 16 Vie | 01:08 | 0.2       | 26 Lun | 02:48 | 0.7       |
|        | 11:55 | 0.9       |        | 07:12 | 0.6       |        | 08:48 | 0.0       |
|        | 18:15 | 0.0       |        | 13:16 | 0.2       |        | 15:12 | 0.9       |
|        |       |           |        | 19:26 | 0.7       |        | 21:46 | 0.0       |
| 7 Mie  | 00:14 | 0.8       | 17 Sab | 01:58 | 0.2       | 27 Mar | 03:41 | 0.7       |
|        | 06:18 | 0.0       |        | 08:08 | 0.7       |        | 09:43 | 0.0       |
|        | 12:40 | 0.9       |        | 14:17 | 0.2       |        | 16:06 | 0.9       |
|        | 19:02 | 0.0       |        | 20:21 | 0.7       |        | 22:41 | 0.0       |
| 8 Jue  | 00:59 | 0.8       | 18 Dom | 02:47 | 0.1       | 28 Mie | 04:39 | 0.7       |
|        | 07:00 | 0.0       |        | 09:01 | 0.7       |        | 10:42 | 0.0       |
|        | 13:23 | 0.9       |        | 15:14 | 0.2       |        | 17:05 | 0.8       |
|        | 19:47 | 0.0       |        | 21:14 | 0.7       |        | 23:39 | 0.0       |
| 9 Vie  | 01:41 | 0.7       | 19 Lun | 03:32 | 0.1       | 29 Jue | 05:42 | 0.7       |
|        | 07:41 | 0.0       |        | 09:50 | 0.7       |        | 11:48 | 0.0       |
|        | 14:04 | 0.9       |        | 16:07 | 0.1       |        | 18:07 | 0.8       |
|        | 20:31 | 0.0       |        | 22:04 | 0.7       |        |       |           |
| 10 Sab | 02:23 | 0.7       | 20 Mar | 04:16 | 0.1       | 30 Vie | 00:39 | 0.0       |
|        | 08:22 | 0.0       |        | 10:35 | 0.8       |        | 06:49 | 0.7       |
|        | 14:45 | 0.9       |        | 16:57 | 0.1       |        | 12:58 | 0.0       |
|        | 21:14 | 0.1       |        | 22:51 | 0.7       |        | 19:12 | 0.7       |

Las mareas están referidas al nivel promedio de mareas bajas de sicigia. Coordenadas 10°55'N 83°42'W