



Mareas de Cabo Gracias a Dios  Abril 2017


FECHA	HORA	ALTURA	FECHA	HORA	ALTURA	FECHA	HORA	ALTURA
	h m	(pies)		h m	(pies)		h m	(pies)
1 Sab	00:21	1.7	11 Mar	02:39	-0.1	21 Vie	04:41	1.4
	05:55	-0.1		09:38	1.5		10:13	0.3
	12:49	1.5		14:47	0.0		17:13	1.4
	18:01	-0.1		21:54	1.6		22:34	0.2
2 Dom	01:18	1.7	12 Mie	03:19	0.0	22 Sab	05:40	1.5
	06:55	0.0		10:15	1.5		11:05	0.2
	13:48	1.4		15:22	0.0		18:09	1.5
	19:01	0.0		22:30	1.6		23:32	0.1
3 Lun	02:21	1.6	13 Jue	03:57	0.0	23 Dom	06:35	1.5
	07:59	0.0		10:51	1.4		11:55	0.1
	14:53	1.3		15:57	0.1		19:01	1.6
	20:07	0.0		23:06	1.6			
4 Mar	03:29	1.5	14 Vie	04:35	0.1	24 Lun	00:27	0.0
	09:06	0.1		11:27	1.4		07:28	1.6
	16:01	1.3		16:33	0.1		12:43	0.0
	21:16	0.1		23:41	1.5		19:52	1.8
5 Mie	04:39	1.5	15 Sab	05:13	0.2	25 Mar	01:20	-0.1
	10:11	0.1		12:04	1.4		08:19	1.6
	17:09	1.3		17:10	0.2		13:31	-0.1
	22:25	0.0					20:41	1.9
6 Jue	05:45	1.5	16 Dom	00:19	1.5	26 Mie	02:11	-0.2
	11:10	0.1		05:54	0.2		09:08	1.7
	18:11	1.4		12:44	1.3		14:18	-0.2
	23:28	0.0		17:50	0.2		21:30	1.9
7 Vie	06:43	1.5	17 Lun	01:00	1.4	27 Jue	03:02	-0.2
	12:03	0.0		06:38	0.3		09:58	1.7
	19:06	1.5		13:28	1.3		15:07	-0.2
				18:36	0.3		22:21	1.9
8 Sab	00:23	0.0	18 Mar	01:47	1.4	28 Vie	03:54	-0.2
	07:34	1.5		07:27	0.3		10:49	1.6
	12:50	0.0		14:18	1.3		15:57	-0.2
	19:54	1.5		19:29	0.3		23:12	1.9
9 Dom	01:13	-0.1	19 Mie	02:41	1.4	29 Sab	04:47	-0.2
	08:19	1.5		08:21	0.3		11:42	1.6
	13:32	0.0		15:15	1.3		16:50	-0.1
	20:37	1.6		20:29	0.3			
10 Lun	01:58	-0.1	20 Jue	03:40	1.4	30 Dom	00:06	1.8
	09:00	1.5		09:17	0.3		05:42	-0.1
	14:10	0.0		16:15	1.3		12:37	1.5
	21:17	1.6		21:32	0.3		17:47	-0.1

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

Mareas de Puerto Cabezas  Abril 2017

FECHA	HORA	ALTURA	FECHA	HORA	ALTURA	FECHA	HORA	ALTURA
	h m	(pies)		h m	(pies)		h m	(pies)
1 Sab	03:03	1.7	11 Mar	06:22	-0.1	21 Vie	01:15	0.3
	09:38	-0.1		12:20	1.5		07:23	1.4
	15:31	1.5		18:30	0.0		13:56	0.3
	21:44	-0.1					19:55	1.4
2 Dom	04:00	1.6	12 Mie	00:36	1.6	22 Sab	02:17	0.2
	10:38	0.0		07:02	0.0		08:22	1.5
	16:30	1.4		12:57	1.4		14:48	0.2
	22:44	0.0		19:05	0.0		20:51	1.5
3 Lun	05:03	1.6	13 Jue	01:12	1.6	23 Dom	03:15	0.1
	11:42	0.0		07:40	0.0		09:17	1.5
	17:35	1.3		13:33	1.4		15:38	0.1
	23:50	0.0		19:40	0.1		21:43	1.6
4 Mar	06:11	1.5	14 Vie	01:48	1.6	24 Lun	04:10	0.0
	12:49	0.1		08:18	0.1		10:10	1.6
	18:43	1.3		14:09	1.4		16:26	0.0
				20:16	0.1		22:34	1.7
5 Mie	00:59	0.1	15 Sab	02:23	1.5	25 Mar	05:03	-0.1
	07:21	1.5		08:56	0.2		11:01	1.6
	13:54	0.1		14:46	1.3		17:14	-0.1
	19:51	1.3		20:53	0.2		23:23	1.8
6 Jue	02:08	0.0	16 Dom	03:01	1.5	26 Mie	05:54	-0.2
	08:27	1.5		09:37	0.2		11:50	1.6
	14:53	0.1		15:26	1.3		18:01	-0.2
	20:53	1.4		21:33	0.2			
7 Vie	03:11	0.0	17 Lun	03:42	1.4	27 Jue	00:12	1.9
	09:25	1.5		10:21	0.3		06:45	-0.2
	15:46	0.0		16:10	1.2		12:40	1.6
	21:48	1.4		22:19	0.3		18:50	-0.2
8 Sab	04:06	0.0	18 Mar	04:29	1.4	28 Vie	01:03	1.9
	10:16	1.5		11:10	0.3		07:37	-0.2
	16:33	0.0		17:00	1.2		13:31	1.6
	22:36	1.5		23:12	0.3		19:40	-0.2
9 Dom	04:56	-0.1	19 Mie	05:23	1.4	29 Sab	01:54	1.9
	11:01	1.5		12:04	0.3		08:30	-0.2
	17:15	0.0		17:57	1.2		14:24	1.5
	23:19	1.6					20:33	-0.1
10 Lun	05:41	-0.1	20 Jue	00:12	0.3	30 Dom	02:48	1.8
	11:42	1.5		06:22	1.4		09:25	-0.1
	17:53	0.0		13:00	0.3		15:19	1.5
	23:59	1.6		18:57	1.3		21:30	-0.1

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

**Mareas de Cayos de Perlas  Abril 2017**

FECHA	HORA	ALTURA	FECHA	HORA	ALTURA	FECHA	HORA	ALTURA
	h m	(pies)		h m	(pies)		h m	(pies)
1 Sab	04:51	1.4	11 Mar	01:47	1.3	21 Vie	02:37	0.2
	11:00	-0.1		07:44	-0.1		09:11	1.1
	17:19	1.2		14:08	1.2		15:18	0.2
	23:06	-0.1		19:52	0.0		21:43	1.1
2 Dom	05:48	1.3	12 Mie	02:24	1.3	22 Sab	03:39	0.2
	12:00	0.0		08:24	0.0		10:10	1.2
	18:18	1.1		14:45	1.2		16:10	0.1
		20:27		0.0	22:39		1.2	
3 Lun	00:06	0.0	13 Jue	03:00	1.3	23 Dom	04:37	0.1
	06:51	1.3		09:02	0.0		11:05	1.2
	13:04	0.0		15:21	1.2		17:00	0.1
	19:23	1.1		21:02	0.1		23:31	1.3
4 Mar	01:12	0.0	14 Vie	03:36	1.3	24 Lun	05:32	0.0
	07:59	1.2		09:40	0.1		11:58	1.3
	14:11	0.1		15:57	1.1		17:48	0.0
	20:31	1.1		21:38	0.1			
5 Mie	02:21	0.0	15 Sab	04:11	1.2	25 Mar	00:22	1.4
	09:09	1.2		10:18	0.1		06:25	-0.1
	15:16	0.1		16:34	1.1		12:49	1.3
	21:39	1.1		22:15	0.2		18:36	-0.1
6 Jue	03:30	0.0	16 Dom	04:49	1.2	26 Mie	01:11	1.5
	10:15	1.2		10:59	0.2		07:16	-0.2
	16:15	0.0		17:14	1.1		13:38	1.3
	22:41	1.1		22:55	0.2		19:23	-0.1
7 Vie	04:33	0.0	17 Lun	05:30	1.2	27 Jue	02:00	1.6
	11:13	1.2		11:43	0.2		08:07	-0.2
	17:08	0.0		17:58	1.0		14:28	1.3
	23:36	1.2		23:41	0.2		20:12	-0.2
8 Sab	05:28	0.0	18 Mar	06:17	1.1	28 Vie	02:51	1.6
	12:04	1.2		12:32	0.3		08:59	-0.2
	17:55	0.0		18:48	1.0		15:19	1.3
					21:02		-0.2	
9 Dom	00:24	1.2	19 Mie	00:34	0.3	29 Sab	03:42	1.5
	06:18	-0.1		07:11	1.1		09:52	-0.2
	12:49	1.2		13:26	0.3		16:12	1.3
	18:37	0.0		19:45	1.0		21:55	-0.1
10 Lun	01:07	1.3	20 Jue	01:34	0.3	30 Dom	04:36	1.5
	07:03	-0.1		08:10	1.1		10:47	-0.1
	13:30	1.2		14:22	0.3		17:07	1.2
	19:15	0.0		20:45	1.1		22:52	-0.1

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



Mareas de Isla del Maíz Grande  Abril 2017

FECHA	HORA	ALTURA	FECHA	HORA	ALTURA	FECHA	HORA	ALTURA
	h m	(pies)		h m	(pies)		h m	(pies)
1 Sab	04:36	1.4	11 Mar	01:32	1.3	21 Vie	02:17	0.2
	10:40	-0.1		07:24	-0.1		08:56	1.1
	17:04	1.2		13:53	1.2		14:58	0.2
	22:46	-0.1		19:32	0.0		21:28	1.1
2 Dom	05:33	1.3	12 Mie	02:09	1.3	22 Sab	03:19	0.2
	11:40	0.0		08:04	0.0		09:55	1.2
	18:03	1.1		14:30	1.2		15:50	0.1
	23:46	0.0		20:07	0.0		22:24	1.2
3 Lun	06:36	1.3	13 Jue	02:45	1.3	23 Dom	04:17	0.1
	12:44	0.0		08:42	0.0		10:50	1.2
	19:08	1.1		15:06	1.2		16:40	0.1
				20:42	0.1		23:16	1.3
4 Mar	00:52	0.0	14 Vie	03:21	1.3	24 Lun	05:12	0.0
	07:44	1.2		09:20	0.1		11:43	1.3
	13:51	0.1		15:42	1.1		17:28	0.0
	20:16	1.1		21:18	0.1			
5 Mie	02:01	0.0	15 Sab	03:56	1.2	25 Mar	00:07	1.4
	08:54	1.2		09:58	0.1		06:05	-0.1
	14:56	0.1		16:19	1.1		12:34	1.3
	21:24	1.1		21:55	0.2		18:16	-0.1
6 Jue	03:10	0.0	16 Dom	04:34	1.2	26 Mie	00:56	1.5
	10:00	1.2		10:39	0.2		06:56	-0.2
	15:55	0.0		16:59	1.1		13:23	1.3
	22:26	1.1		22:35	0.2		19:03	-0.1
7 Vie	04:13	0.0	17 Lun	05:15	1.2	27 Jue	01:45	1.6
	10:58	1.2		11:23	0.2		07:47	-0.2
	16:48	0.0		17:43	1.0		14:13	1.3
	23:21	1.2		23:21	0.2		19:52	-0.2
8 Sab	05:08	0.0	18 Mar	06:02	1.1	28 Vie	02:36	1.6
	11:49	1.2		12:12	0.3		08:39	-0.2
	17:35	0.0		18:33	1.0		15:04	1.3
							20:42	-0.2
9 Dom	00:09	1.2	19 Mie	00:14	0.3	29 Sab	03:27	1.5
	05:58	-0.1		06:56	1.1		09:32	-0.2
	12:34	1.2		13:06	0.3		15:57	1.3
	18:17	0.0		19:30	1.0		21:35	-0.1
10 Lun	00:52	1.3	20 Jue	01:14	0.3	30 Dom	04:21	1.5
	06:43	-0.1		07:55	1.1		10:27	-0.1
	13:15	1.2		14:02	0.3		16:52	1.2
	18:55	0.0		20:30	1.1		22:32	-0.1

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

Mareas de Bluefields  Abril 2017

FECHA	HORA	ALTURA	FECHA	HORA	ALTURA	FECHA	HORA	ALTURA
	h m	(pies)		h m	(pies)		h m	(pies)
1 Sab	03:52	0.9	11 Mar	00:48	0.8	21 Vie	01:31	0.1
	09:54	0.0		06:38	0.0		08:12	0.7
	16:20	0.7		13:09	0.7		14:12	0.1
	22:00	0.0		18:46	0.0		20:44	0.7
2 Dom	04:49	0.8	12 Mie	01:25	0.8	22 Sab	02:33	0.1
	10:54	0.0		07:18	0.0		09:11	0.7
	17:19	0.7		13:46	0.7		15:04	0.1
	23:00	0.0		19:21	0.0		21:40	0.7
3 Lun	05:52	0.8	13 Jue	02:01	0.8	23 Dom	03:31	0.1
	11:58	0.0		07:56	0.0		10:06	0.8
	18:24	0.7		14:22	0.7		15:54	0.0
				19:56	0.0		22:32	0.8
4 Mar	00:06	0.0	14 Vie	02:37	0.8	24 Lun	04:26	0.0
	07:00	0.7		08:34	0.0		10:59	0.8
	13:05	0.0		14:58	0.7		16:42	0.0
	19:32	0.6		20:32	0.1		23:23	0.9
5 Mie	01:15	0.0	15 Sab	03:12	0.8	25 Mar	05:19	-0.1
	08:10	0.7		09:12	0.1		11:50	0.8
	14:10	0.0		15:35	0.7		17:30	-0.1
	20:40	0.7		21:09	0.1			
6 Jue	02:24	0.0	16 Dom	03:50	0.7	26 Mie	00:12	0.9
	09:16	0.7		09:53	0.1		06:10	-0.1
	15:09	0.0		16:15	0.6		12:39	0.8
	21:42	0.7		21:49	0.1		18:17	-0.1
7 Vie	03:27	0.0	17 Lun	04:31	0.7	27 Jue	01:01	0.9
	10:14	0.7		10:37	0.1		07:01	-0.1
	16:02	0.0		16:59	0.6		13:29	0.8
	22:37	0.7		22:35	0.1		19:06	-0.1
8 Sab	04:22	0.0	18 Mar	05:18	0.7	28 Vie	01:52	0.9
	11:05	0.7		11:26	0.2		07:53	-0.1
	16:49	0.0		17:49	0.6		14:20	0.8
	23:25	0.8		23:28	0.2		19:56	-0.1
9 Dom	05:12	0.0	19 Mie	06:12	0.7	29 Sab	02:43	0.9
	11:50	0.7		12:20	0.2		08:46	-0.1
	17:31	0.0		18:46	0.6		15:13	0.8
							20:49	-0.1
10 Lun	00:08	0.8	20 Jue	00:28	0.2	30 Dom	03:37	0.9
	05:57	0.0		07:11	0.7		09:41	-0.1
	12:31	0.7		13:16	0.2		16:08	0.7
	18:09	0.0		19:46	0.6		21:46	0.0

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  Abril 2017**

FECHA	HORA	ALTURA	FECHA	HORA	ALTURA	FECHA	HORA	ALTURA
		hm (pies)			hm (pies)			hm (pies)
1 Sab	04:01	0.9	11 Mar	00:57	0.8	21 Vie	02:07	0.1
	10:30	0.0		07:14	0.0		08:21	0.7
	16:29	0.7		13:18	0.7		14:48	0.1
	22:36	0.0		19:22	0.0		20:53	0.7
2 Dom	04:58	0.8	12 Mie	01:34	0.8	22 Sab	03:09	0.1
	11:30	0.0		07:54	0.0		09:20	0.7
	17:28	0.7		13:55	0.7		15:40	0.1
	23:36	0.0		19:57	0.0		21:49	0.7
3 Lun	06:01	0.8	13 Jue	02:10	0.8	23 Dom	04:07	0.1
	12:34	0.0		08:32	0.0		10:15	0.8
	18:33	0.7		14:31	0.7		16:30	0.0
				20:32	0.0		22:41	0.8
4 Mar	00:42	0.0	14 Vie	02:46	0.8	24 Lun	05:02	0.0
	07:09	0.7		09:10	0.0		11:08	0.8
	13:41	0.0		15:07	0.7		17:18	0.0
	19:41	0.6		21:08	0.1		23:32	0.9
5 Mie	01:51	0.0	15 Sab	03:21	0.8	25 Mar	05:55	-0.1
	08:19	0.7		09:48	0.1		11:59	0.8
	14:46	0.0		15:44	0.7		18:06	-0.1
	20:49	0.7		21:45	0.1			
6 Jue	03:00	0.0	16 Dom	03:59	0.7	26 Mie	00:21	0.9
	09:25	0.7		10:29	0.1		06:46	-0.1
	15:45	0.0		16:24	0.6		12:48	0.8
	21:51	0.7		22:25	0.1		18:53	-0.1
7 Vie	04:03	0.0	17 Lun	04:40	0.7	27 Jue	01:10	0.9
	10:23	0.7		11:13	0.1		07:37	-0.1
	16:38	0.0		17:08	0.6		13:38	0.8
	22:46	0.7		23:11	0.1		19:42	-0.1
8 Sab	04:58	0.0	18 Mar	05:27	0.7	28 Vie	02:01	0.9
	11:14	0.7		12:02	0.2		08:29	-0.1
	17:25	0.0		17:58	0.6		14:29	0.8
	23:34	0.8					20:32	-0.1
9 Dom	05:48	0.0	19 Mie	00:04	0.2	29 Sab	02:52	0.9
	11:59	0.7		06:21	0.7		09:22	-0.1
	18:07	0.0		12:56	0.2		15:22	0.8
				18:55	0.6		21:25	-0.1
10 Lun	00:17	0.8	20 Jue	01:04	0.2	30 Dom	03:46	0.9
	06:33	0.0		07:20	0.7		10:17	-0.1
	12:40	0.7		13:52	0.2		16:17	0.7
	18:45	0.0		19:55	0.6		22:22	0.0

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