

## SALIDA Y PUESTA DE LA LUNA 2018

2018	ENERO			FEBRERO			MARZO		
DIA	SALIDA	PUESTA	ILUMINACION	SALIDA	PUESTA	ILUMINACION	SALIDA	PUESTA	ILUMINACION
1	17:36	5:49	96.97%	19:27	7:26	99.95%	18:07	6:02	97.81%
2	18:41	6:52	99.74%	20:25	8:16	97.96%	19:05	6:50	99.91%
3	19:45	7:53	99.45%	21:21	9:03	93.33%	20:00	7:37	99.24%
4	20:47	8:49	96.15%	22:14	9:47	86.55%	20:53	8:20	96.02%
5	21:46	9:41	90.22%	23:06	10:29	78.22%	21:46	9:03	90.62%
6	22:41	10:28	82.22%	23:56	11:11	68.91%	22:37	9:46	83.54%
7	23:34	11:12	72.85%	----	11:52	59.11%	23:28	10:28	75.25%
8	----	11:53	62.71%	0:46	12:34	49.23%	----	11:13	66.18%
9	0:24	12:33	52.36%	1:36	13:19	39.60%	0:17	11:58	56.72%
10	1:13	13:14	42.22%	2:24	14:04	30.51%	1:07	12:45	47.17%
11	2:02	13:55	32.65%	3:13	14:51	22.19%	1:55	13:33	37.83%
12	2:51	14:37	23.93%	4:01	15:40	14.88%	2:42	14:22	28.93%
13	3:40	15:22	16.28%	4:48	16:29	8.80%	3:29	15:12	20.76%
14	4:29	16:08	9.91%	5:34	17:19	4.17%	4:13	16:02	13.56%
15	5:18	16:55	5.00%	6:17	18:09	1.19%	4:56	16:52	7.62%
16	6:05	17:44	1.70%	7:00	18:59	0.01%	5:38	17:43	3.22%
17	6:52	18:33	0.13%	7:42	19:50	0.77%	6:19	18:34	0.62%
18	7:37	19:24	0.35%	8:22	20:40	3.53%	7:01	19:27	0.06%
19	8:19	20:13	2.41%	9:03	21:32	8.28%	7:44	20:20	1.70%
20	9:01	21:03	6.28%	9:46	22:24	14.90%	8:28	21:15	5.60%
21	9:42	21:52	11.88%	10:30	23:19	23.21%	9:15	22:12	11.67%
22	10:22	22:43	19.08%	11:17	----	32.89%	10:05	23:10	19.69%
23	11:03	23:35	27.69%	12:08	0:16	43.58%	10:58	----	29.31%
24	11:47	----	37.45%	13:03	1:15	54.79%	11:55	0:09	40.06%
25	12:32	0:28	48.02%	14:01	2:15	65.97%	12:53	1:08	51.40%
26	13:22	1:26	58.97%	15:03	3:16	76.49%	13:54	2:06	62.74%
27	14:16	2:25	69.80%	16:05	4:14	85.70%	14:54	3:01	73.46%
28	15:15	3:27	79.88%	17:07	5:10	92.98%	15:53	3:52	82.97%
29	16:17	4:30	88.53%				16:50	4:41	90.72%
30	17:22	5:32	95.08%				17:46	5:27	96.26%
31	18:25	6:31	98.99%				18:40	6:11	99.35%

## SALIDA Y PUESTA DE LA LUNA 2018

2018	ABRIL			MAYO			JUNIO		
DIA	SALIDA	PUESTA	ILUMINACION	SALIDA	PUESTA	ILUMINACION	SALIDA	PUESTA	ILUMINACION
1	19:33	6:54	99.91%	19:59	6:58	99.41%	21:12	8:00	95.66%
2	20:25	7:38	98.08%	20:50	7:43	96.84%	21:58	8:48	90.95%
3	21:17	8:21	94.12%	21:40	8:29	92.46%	22:41	9:38	84.79%
4	22:08	9:05	88.38%	22:29	9:17	86.54%	23:24	10:27	77.40%
5	22:58	9:51	81.25%	23:17	10:06	79.36%	----	11:16	69.01%
6	23:48	10:37	73.07%	----	10:55	71.19%	0:04	12:05	59.85%
7	----	11:25	64.19%	0:02	11:45	62.29%	0:44	12:54	50.17%
8	0:36	12:13	54.89%	0:45	12:33	52.93%	1:25	13:45	40.26%
9	1:22	13:03	45.45%	1:27	13:23	43.36%	2:06	14:37	30.45%
10	2:07	13:53	36.14%	2:08	14:13	33.87%	2:49	15:33	21.16%
11	2:50	14:43	27.23%	2:49	15:04	24.78%	3:36	16:31	12.89%
12	3:33	15:33	19.01%	3:31	15:57	16.46%	4:26	17:33	6.24%
13	4:14	16:24	11.82%	4:14	16:52	9.36%	5:23	18:36	1.78%
14	4:56	17:17	6.03%	4:59	17:49	3.96%	6:22	19:40	0.01%
15	5:38	18:10	2.01%	5:49	18:49	0.74%	7:26	20:41	1.23%
16	6:22	19:06	0.11%	6:41	19:52	0.10%	8:29	21:40	5.39%
17	7:09	20:04	0.61%	7:39	20:54	2.24%	9:32	22:32	12.18%
18	7:59	21:03	3.65%	8:39	21:55	7.13%	10:32	23:21	21.02%
19	8:53	22:04	9.16%	9:41	22:53	14.47%	11:29	----	31.23%
20	9:50	23:04	16.88%	10:42	23:47	23.74%	12:23	0:06	42.13%
21	10:48	----	26.39%	11:42	----	34.31%	13:16	0:49	53.10%
22	11:48	0:02	37.11%	12:39	0:37	45.52%	14:07	1:31	63.63%
23	12:48	0:57	48.46%	13:34	1:23	56.74%	14:57	2:11	73.31%
24	13:46	1:49	59.80%	14:26	2:06	67.42%	15:48	2:53	81.81%
25	14:42	2:37	70.56%	15:19	2:48	77.08%	16:38	3:37	88.86%
26	15:37	3:23	80.20%	16:09	3:30	85.35%	17:29	4:21	94.28%
27	16:30	4:07	88.24%	17:01	4:11	91.92%	18:19	5:07	97.94%
28	17:23	4:49	94.33%	17:52	4:54	96.60%	19:08	5:55	99.78%
29	18:15	5:32	98.26%	18:43	5:38	99.29%	19:55	6:44	99.77%
30	19:07	6:14	99.93%	19:34	6:24	99.98%	20:39	7:33	97.95%
31				20:23	7:11	98.72%			

## SALIDA Y PUESTA DE LA LUNA 2018

2018	JULIO			AGOSTO			SEPTIEMBRE		
DIA	SALIDA	PUESTA	ILUMINACION	SALIDA	PUESTA	ILUMINACION	SALIDA	PUESTA	ILUMINACION
1	21:22	8:22	94.41%	22:00	9:33	87.06%	22:49	10:54	75.45%
2	22:03	9:11	89.28%	22:40	10:22	79.76%	23:39	11:50	65.80%
3	22:42	10:00	82.69%	23:22	11:13	71.15%	----	12:48	55.21%
4	23:22	10:48	74.85%	----	12:05	61.47%	0:33	13:48	44.11%
5	----	11:37	65.96%	0:06	13:00	51.03%	1:32	14:48	33.04%
6	0:01	12:27	56.26%	0:54	13:59	40.24%	2:33	15:47	22.61%
7	0:42	13:20	46.04%	1:47	15:00	29.56%	3:37	16:43	13.49%
8	1:26	14:15	35.67%	2:45	16:02	19.62%	4:40	17:36	6.36%
9	2:13	15:14	25.59%	3:48	17:04	11.08%	5:42	18:25	1.76%
10	3:06	16:15	16.37%	4:52	18:03	4.63%	6:40	19:12	0.01%
11	4:03	17:19	8.65%	5:57	18:59	0.86%	7:38	19:57	1.16%
12	5:05	18:22	3.10%	7:00	19:50	0.10%	8:33	20:41	4.95%
13	6:09	19:24	0.28%	8:00	20:38	2.38%	9:28	21:26	10.95%
14	7:14	20:20	0.52%	8:58	21:23	7.38%	10:21	22:10	18.62%
15	8:17	21:13	3.81%	9:53	22:06	14.58%	11:14	22:56	27.42%
16	9:18	22:01	9.83%	10:46	22:49	23.34%	12:05	23:43	36.87%
17	10:15	22:46	17.98%	11:39	23:33	33.04%	12:55	----	46.58%
18	11:10	23:29	27.59%	12:30	----	43.15%	13:44	0:31	56.22%
19	12:02	----	37.99%	13:21	0:16	53.23%	14:31	1:20	65.49%
20	12:54	0:11	48.60%	14:11	1:02	62.92%	15:16	2:09	74.16%
21	13:45	0:53	58.94%	15:01	1:49	71.96%	15:59	2:59	81.97%
22	14:35	1:36	68.64%	15:49	2:37	80.09%	16:40	3:48	88.68%
23	15:26	2:19	77.39%	16:35	3:26	87.08%	17:20	4:37	94.03%
24	16:15	3:05	84.96%	17:19	4:15	92.74%	18:00	5:26	97.80%
25	17:04	3:52	91.15%	18:01	5:04	96.87%	18:39	6:15	99.75%
26	17:52	4:40	95.80%	18:42	5:53	99.33%	19:20	7:06	99.73%
27	18:37	5:30	98.76%	19:22	6:42	99.98%	20:03	7:57	97.62%
28	19:21	6:19	99.97%	20:01	7:31	98.74%	20:48	8:50	93.38%
29	20:02	7:08	99.38%	20:40	8:19	95.59%	21:36	9:46	87.12%
30	20:42	7:57	96.99%	21:21	9:10	90.58%	22:28	10:43	79.03%
31	21:22	8:45	92.85%	22:04	10:01	83.80%			

## SALIDA Y PUESTA DE LA LUNA 2018

2018	OCTUBRE			NOVIEMBRE			DICIEMBRE		
DIA	SALIDA	PUESTA	ILUMINACION	SALIDA	PUESTA	ILUMINACION	SALIDA	PUESTA	ILUMINACION
1	23:25	11:42	69.43%	0:18	13:22	50.60%	1:07	13:40	42.65%
2	----	12:40	58.74%	1:18	14:10	39.23%	2:01	14:22	31.87%
3	0:23	13:38	47.46%	2:15	14:56	28.44%	2:54	15:05	22.12%
4	1:24	14:33	36.16%	3:11	15:41	18.79%	3:48	15:48	13.82%
5	2:25	15:26	25.46%	4:06	16:24	10.80%	4:41	16:32	7.32%
6	3:26	16:15	16.00%	5:01	17:08	4.86%	5:34	17:18	2.82%
7	4:24	17:02	8.37%	5:56	17:53	1.24%	6:27	18:06	0.43%
8	5:22	17:47	3.06%	6:50	18:38	0.00%	7:20	18:55	0.13%
9	6:18	18:32	0.35%	7:44	19:26	1.07%	8:10	19:45	1.83%
10	7:14	19:16	0.30%	8:37	20:14	4.23%	8:59	20:35	5.35%
11	8:08	20:01	2.76%	9:29	21:04	9.21%	9:45	21:25	10.49%
12	9:02	20:48	7.38%	10:18	21:54	15.68%	10:28	22:13	17.01%
13	9:55	21:35	13.77%	11:05	22:43	23.31%	11:09	23:02	24.66%
14	10:47	22:23	21.47%	11:50	23:33	31.81%	11:48	23:50	33.20%
15	11:37	23:13	30.10%	12:32	----	40.89%	12:26	----	42.39%
16	12:25	----	39.29%	13:12	0:21	50.28%	13:04	0:37	51.97%
17	13:11	0:02	48.74%	13:52	1:10	59.73%	13:44	1:26	61.67%
18	13:55	0:51	58.15%	14:30	1:58	68.95%	14:25	2:16	71.17%
19	14:36	1:41	67.28%	15:10	2:47	77.64%	15:10	3:10	80.08%
20	15:17	2:29	75.86%	15:51	3:38	85.46%	15:59	4:06	87.94%
21	15:56	3:19	83.60%	16:35	4:30	91.99%	16:53	5:06	94.23%
22	16:36	4:08	90.20%	17:23	5:26	96.83%	17:53	6:09	98.40%
23	17:17	4:58	95.34%	18:14	6:24	99.54%	18:55	7:12	99.99%
24	17:59	5:50	98.70%	19:10	7:26	99.79%	20:00	8:13	98.73%
25	18:43	6:43	99.99%	20:09	8:27	97.39%	21:03	9:11	94.59%
26	19:32	7:39	99.00%	21:11	9:28	92.38%	22:04	10:05	87.87%
27	20:24	8:37	95.62%	22:13	10:25	85.02%	23:02	10:54	79.07%
28	21:20	9:37	89.92%	23:13	11:20	75.76%	23:58	11:40	68.84%
29	22:18	10:36	82.13%	----	12:09	65.19%	----	12:23	57.86%
30	23:18	11:34	72.63%	0:11	12:56	53.95%	0:51	13:05	46.75%
31	----	12:29	61.93%				1:44	13:48	36.06%