

Phénomènes mutuels des satellites galiléens de Jupiter

Campagne 2014-2015

Jupiter au-dessus de l'horizon à Saint GenisLaval

<i>Novembre 2014</i>			
01/11/2014	08:12:02	08:15:26	3O1
02/11/2014	05:53:17	06:12:08	4O1
09/11/2014	02:57:04	02:58:38	1O2
10/11/2014	17:43:47	17:49:14	1O4
16/11/2014	05:07:29	05:10:14	1O2
19/11/2014	03:02:04	03:09:21	4O3
19/11/2014	07:34:20	07:41:03	4O2
23/11/2014	03:26:04	03:27:17	3O2
25/11/2014	02:09:54	03:38:31	3 E4
27/11/2014	22:04:03	22:13:49	2O4
30/11/2014	06:29:28	06:33:43	3O2
<i>Décembre 2014</i>			
02/12/2014	23:25:45	23:32:49	2O3
03/12/2014	22:27:40	22:31:14	1O2
04/12/2014	06:32:35	06:37:37	4 E2
06/12/2014	22:11:18	22:19:09	3O1
09/12/2014	22:37:03	22:49:06	2 E3
10/12/2014	23:45:23	23:49:52	1O3
11/12/2014	00:33:02	00:36:39	1O2
12/12/2014	22:36:04	22:43:26	1 E4
12/12/2014	23:12:45	02:19:52	2O1
14/12/2014	01:06:55	01:15:56	3O1
14/12/2014	20:54:59	21:53:59	3O1
17/12/2014	02:24:06	02:40:44	2 E3
18/12/2014	02:16:15	02:20:07	1O3
18/12/2014	02:36:47	02:40:23	1O2
18/12/2014	05:33:41	06:21:10	2O3
19/12/2014	22:18:06	22:36:30	2O1
20/12/2014	05:31:15	05:51:34	2O1
21/12/2014	03:13:06	03:32:30	4 E1

21/12/2014	04:11:42	04:23:05	3O1
22/12/2014	02:05:49	02:20:11	3O1
22/12/2014	05:20:43	05:28:33	4 E1
24/12/2014	06:24:23	06:45:45	2 E3
25/12/2014	03:32:57	04:03:36	2O3
25/12/2014	04:38:59	04:42:32	1O2
25/12/2014	04:44:43	04:48:02	1O3
25/12/2014	22:55:34	23:16:55	2O3
27/12/2014	05:33:32	05:52:16	2 E1
28/12/2014	04:25:13	04:26:34	3 E1
29/12/2014	01:56:31	02:03:16	3 E1
29/12/2014	05:24:05	05:33:45	3O1
29/12/2014	05:53:11	06:05:22	3 E4
30/12/2014	21:37:51	21:50:06	2O1
<i>Janvier 2015</i>			
01/01/2015	06:39:38	06:43:11	1O2
01/01/2015	06:05:11	06:55:42	2 E3
02/01/2015	02:49:51	03:06:37	2O3
04/01/2015	19:39:28	19:43:00	1O2
04/01/2015	21:01:32	21:07:03	3O2
05/01/2015	05:59:47	06:06:14	3 E1
06/01/2015	22:27:18	22:39:20	2 E1
07/01/2015	00:03:34	00:13:35	2O1
07/01/2015	23:41:18	23:49:41	4 E3
08/01/2015	03:18:15	04:13:35	2 E3
09/01/2015	06:22:23	06:36:32	2O3
11/01/2015	21:38:13	21:41:47	1O2
11/01/2015	23:47:15	23:52:45	3O2
14/01/2015	01:12:01	01:22:36	2 E1
14/01/2015	02:21:36	02:30:17	2O1
18/01/2015	23:35:55	23:39:31	1O2

19/01/2015	02:31:05	02:36:37	3O2
21/01/2015	03:47:40	03:57:19	2 E1
21/01/2015	04:34:36	04:42:28	2O1
24/01/2015	05:40:47	05:59:09	4 E1
24/01/2015	18:47:51	19:01:33	4 E1
25/01/2015	04:29:07	04:47:23	4 E2
26/01/2015	01:32:55	01:36:33	1O2
26/01/2015	05:12:56	05:18:35	3O2
28/01/2015	06:17:51	06:26:51	2 E1
28/01/2015	06:44:05	06:51:27	2O1
31/01/2015	19:31:48	19:40:31	2 E1
31/01/2015	19:48:10	19:55:21	2O1
31/01/2015	21:00:09	21:08:15	2 E4
Février 2015			
01/02/2015	21:45:25	21:54:04	1 E4
02/02/2015	01:32:48	01:46:30	3 E4
02/02/2015	03:29:32	03:33:08	1O2
02/02/2015	18:17:19	18:24:32	3 E1
02/02/2015	18:32:12	18:37:32	3O1
05/02/2015	18:55:42	19:02:39	1 E3
05/02/2015	18:59:46	19:04:50	1O3
06/02/2015	18:58:40	19:05:59	2O3
07/02/2015	21:54:31	22:01:25	2O1
07/02/2015	21:57:02	22:05:15	2 E1
09/02/2015	05:26:09	05:29:38	1O2
09/02/2015	05:32:25	05:34:12	1 E2
09/02/2015	20:56:06	21:01:30	3O1
09/02/2015	21:06:07	21:13:21	3 E1
10/02/2015	00:41:17	00:46:59	4 E1
12/02/2015	18:24:34	18:27:58	1O2
12/02/2015	18:38:05	18:40:26	1 E2
12/02/2015	21:22:57	21:28:41	1O3
12/02/2015	21:43:44	21:51:26	1 E3
13/02/2015	21:57:59	22:02:59	2O3
14/02/2015	23:59:47	00:06:27	2O1
15/02/2015	00:20:04	00:27:51	2 E1

16/02/2015	23:18:00	23:24:29	3O1
16/02/2015	23:52:38	23:59:50	3 E1
18/02/2015	05:48:14	05:57:01	2 E4
19/02/2015	20:21:53	20:24:58	1O2
19/02/2015	20:49:46	20:52:55	1 E2
19/02/2015	23:48:08	23:54:31	1O3
20/02/2015	00:34:56	00:43:26	1 E3
22/02/2015	02:04:38	02:11:03	2O1
22/02/2015	02:41:29	02:48:52	2 E1
23/02/2015	17:09:40	17:16:45	3 E2
24/02/2015	01:42:01	01:47:31	3O1
24/02/2015	02:37:51	02:44:55	3 E1
26/02/2015	20:25:48	20:30:03	4O2
26/02/2015	22:20:08	22:22:42	1O2
26/02/2015	22:43:55	22:52:48	4 E2
26/02/2015	23:01:50	23:05:33	1 E2
26/02/2015	23:40:13	23:51:51	4 E1
27/02/2015	02:16:54	02:23:55	1O3
27/02/2015	03:31:12	03:40:42	1 E3
27/02/2015	04:27:47	04:38:56	4 E3
Mars 2015			
01/03/2015	04:09:34	04:15:43	2O1
01/03/2015	05:01:36	05:08:35	2 E1
02/03/2015	18:43:13	18:48:10	3O2
02/03/2015	20:22:06	20:29:53	3 E2
03/03/2015	04:05:33	04:11:01	3O1
04/03/2015	17:12:03	17:18:02	2O1
04/03/2015	18:11:08	18:17:54	2 E1
06/03/2015	00:19:44	00:21:23	1O2
06/03/2015	01:14:14	01:18:22	1 E2
06/03/2015	04:50:29	04:58:08	1O3
09/03/2015	21:30:54	21:35:13	3O2
09/03/2015	23:35:30	23:43:38	3 E2
11/03/2015	19:17:55	19:23:33	2O1
11/03/2015	20:29:51	20:36:11	2 E1
13/03/2015	03:26:57	03:31:25	1 E2

13/03/2015	23:16:17	23:43:42	1 E3
16/03/2015	01:33:33	01:44:12	4O2
17/03/2015	00:21:18	00:24:47	3O2
17/03/2015	02:49:12	02:57:21	3 E2
18/03/2015	21:24:42	21:29:56	2O1
18/03/2015	22:47:48	22:53:38	2 E1
20/03/2015	21:35:19	22:04:01	1 E3
21/03/2015	01:43:36	02:09:54	1O3
23/03/2015	18:46:39	18:51:30	1 E2
24/03/2015	00:10:25	00:19:09	3O4
24/03/2015	03:15:09	03:17:38	3O2
24/03/2015	06:03:36	06:11:25	3 E2
24/03/2015	18:39:00	19:06:30	2 E4
25/03/2015	23:32:37	23:37:26	2O1
26/03/2015	01:05:08	01:10:25	2 E1
28/03/2015	00:24:40	00:43:41	1O3
28/03/2015	19:02:33	19:11:33	2 E3
30/03/2015	21:00:12	21:05:14	1 E2
31/03/2015	16:15:49	16:21:04	3 E1
Avril 2015			
02/04/2015	01:41:44	01:46:08	2O1
02/04/2015	19:04:42	19:20:59	4 E3
03/04/2015	17:31:04	17:55:11	1O3
03/04/2015	22:44:13	23:12:07	1O3
04/04/2015	18:03:54	18:11:21	1 E3
04/04/2015	22:22:33	22:31:52	2 E3
06/04/2015	23:14:06	23:19:16	1 E2
07/04/2015	19:00:16	19:04:46	3 E1
08/04/2015	22:54:01	23:00:00	2O4
11/04/2015	17:57:16	18:04:14	1O3
11/04/2015	21:01:09	21:06:32	1 E3
12/04/2015	01:41:16	01:50:37	2 E3
12/04/2015	16:57:49	17:01:39	2O1
12/04/2015	18:46:27	18:49:51	2 E1
14/04/2015	01:28:21	01:33:37	1 E2
14/04/2015	19:04:46	19:09:14	3O1

14/04/2015	21:46:19	21:49:46	3 E1
17/04/2015	23:43:58	23:50:10	4O1
18/04/2015	01:27:45	01:37:02	4O3
18/04/2015	20:51:43	20:57:44	1O3
18/04/2015	23:53:59	23:56:43	1 E3
19/04/2015	19:09:59	19:13:33	2O1
19/04/2015	21:02:25	21:04:32	2 E1
21/04/2015	21:43:54	21:48:26	3O1
22/04/2015	00:34:29	00:36:05	3 E1
24/04/2015	16:50:29	16:55:51	1 E2
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28/04/2015	18:36:49	18:40:23	3O2
29/04/2015	00:26:47	00:31:34	3O1
Mai 2015			
01/05/2015	19:05:44	19:11:09	1 E2
03/05/2015	23:37:40	23:41:02	2O1
04/05/2015	23:39:31	23:43:14	4O2
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Juin 2015			
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09/06/2015	19:39:11	19:44:55	1 E2
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Juillet 2015			
06/07/2015	20:23:18	20:25:38	2O1
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