



Lever/Coucher

Date/position

Date: 01-01-2010
Période : 365 jours
Lat : 48°51'59"N
Lon : 2°20' 0"E

Objet

Planète:
Saturne

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
01-01-2010	00:23	88° 52' 33"	06:27	+41° 26' 28"	12:31	271° 07' 07"	08:46	17:02	18:07	09:16
02-01-2010	00:20	88° 52' 58"	06:23	+41° 26' 13"	12:27	271° 06' 44"	08:46	17:03	19:35	09:51
03-01-2010	00:16	88° 53' 20"	06:20	+41° 26' 00"	12:23	271° 06' 26"	08:46	17:04	21:01	10:19
04-01-2010	00:12	88° 53' 38"	06:16	+41° 25' 50"	12:20	271° 06' 11"	08:45	17:05	22:24	10:41
05-01-2010	00:08	88° 53' 52"	06:12	+41° 25' 43"	12:16	271° 06' 00"	08:45	17:06	23:44	11:01
06-01-2010	00:04	88° 54' 02"	06:08	+41° 25' 38"	12:12	271° 05' 53"	08:45	17:07	---	11:20
07-01-2010	00:00	88° 54' 08"	06:04	+41° 25' 36"	12:08	271° 05' 50"	08:45	17:08	01:02	11:40
08-01-2010	23:56(-1 jour)	88° 54' 10"	06:00	+41° 25' 36"	12:04	271° 05' 51"	08:44	17:10	02:18	12:03
09-01-2010	23:53(-1 jour)	88° 54' 08"	05:56	+41° 25' 39"	12:00	271° 05' 56"	08:44	17:11	03:33	12:29
10-01-2010	23:49(-1 jour)	88° 54' 03"	05:52	+41° 25' 45"	11:56	271° 06' 05"	08:43	17:12	04:45	13:01
11-01-2010	23:45(-1 jour)	88° 53' 53"	05:49	+41° 25' 53"	11:52	271° 06' 17"	08:43	17:14	05:51	13:42
12-01-2010	23:41(-1 jour)	88° 53' 39"	05:45	+41° 26' 03"	11:48	271° 06' 34"	08:42	17:15	06:49	14:31
13-01-2010	23:37(-1 jour)	88° 53' 22"	05:41	+41° 26' 17"	11:45	271° 06' 55"	08:42	17:16	07:37	15:29
14-01-2010	23:33(-1 jour)	88° 53' 00"	05:37	+41° 26' 32"	11:41	271° 07' 19"	08:41	17:18	08:15	16:33
15-01-2010	23:29(-1 jour)	88° 52' 35"	05:33	+41° 26' 51"	11:37	271° 07' 48"	08:40	17:19	08:45	17:39
16-01-2010	23:25(-1 jour)	88° 52' 06"	05:29	+41° 27' 12"	11:33	271° 08' 20"	08:40	17:21	09:09	18:46
17-01-2010	23:21(-1 jour)	88° 51' 33"	05:25	+41° 27' 35"	11:29	271° 08' 56"	08:39	17:22	09:29	19:53
18-01-2010	23:17(-1 jour)	88° 50' 56"	05:21	+41° 28' 01"	11:25	271° 09' 36"	08:38	17:23	09:46	20:59
19-01-2010	23:13(-1 jour)	88° 50' 15"	05:17	+41° 28' 30"	11:21	271° 10' 20"	08:37	17:25	10:02	22:04
20-01-2010	23:09(-1 jour)	88° 49' 30"	05:13	+41° 29' 01"	11:17	271° 11' 07"	08:36	17:26	10:17	23:10
21-01-2010	23:05(-1 jour)	88° 48' 42"	05:09	+41° 29' 34"	11:13	271° 11' 59"	08:35	17:28	10:34	---
22-01-2010	23:01(-1 jour)	88° 47' 50"	05:05	+41° 30' 10"	11:09	271° 12' 54"	08:34	17:30	10:52	00:18
23-01-2010	22:57(-1 jour)	88° 46' 54"	05:01	+41° 30' 49"	11:05	271° 13' 52"	08:33	17:31	11:14	01:29
24-01-2010	22:53(-1 jour)	88° 45' 54"	04:57	+41° 31' 30"	11:01	271° 14' 55"	08:32	17:33	11:42	02:42
25-01-2010	22:49(-1 jour)	88° 44' 51"	04:53	+41° 32' 13"	10:57	271° 16' 01"	08:31	17:34	12:19	03:56
26-01-2010	22:45(-1 jour)	88° 43' 44"	04:49	+41° 32' 58"	10:54	271° 17' 11"	08:30	17:36	13:08	05:07
27-01-2010	22:41(-1 jour)	88° 42' 34"	04:45	+41° 33' 46"	10:50	271° 18' 24"	08:29	17:37	14:13	06:11
28-01-2010	22:37(-1 jour)	88° 41' 20"	04:41	+41° 34' 37"	10:46	271° 19' 41"	08:28	17:39	15:31	07:04
29-01-2010	22:33(-1 jour)	88° 40' 02"	04:37	+41° 35' 29"	10:42	271° 21' 01"	08:26	17:41	16:58	07:45
30-01-2010	22:29(-1 jour)	88° 38' 41"	04:33	+41° 36' 24"	10:38	271° 22' 25"	08:25	17:42	18:27	08:16



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Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
31-01-2010	22:24(-1 jour)	88° 37' 16"	04:29	+41° 37' 21"	10:34	271° 23' 53"	08:24	17:44	19:54	08:42
01-02-2010	22:20(-1 jour)	88° 35' 48"	04:25	+41° 38' 21"	10:30	271° 25' 23"	08:22	17:46	21:19	09:04
02-02-2010	22:16(-1 jour)	88° 34' 17"	04:21	+41° 39' 23"	10:26	271° 26' 57"	08:21	17:47	22:41	09:24
03-02-2010	22:12(-1 jour)	88° 32' 42"	04:17	+41° 40' 26"	10:22	271° 28' 35"	08:20	17:49	---	09:44
04-02-2010	22:08(-1 jour)	88° 31' 04"	04:13	+41° 41' 32"	10:18	271° 30' 15"	08:18	17:51	00:01	10:07
05-02-2010	22:04(-1 jour)	88° 29' 23"	04:09	+41° 42' 41"	10:14	271° 31' 59"	08:17	17:52	01:19	10:32
06-02-2010	22:00(-1 jour)	88° 27' 00"	04:05	+41° 43' 51"	10:10	271° 33' 46"	08:15	17:54	02:34	11:03
07-02-2010	21:55(-1 jour)	88° 25' 11"	04:01	+41° 45' 03"	10:06	271° 35' 37"	08:14	17:56	03:43	11:41
08-02-2010	21:51(-1 jour)	88° 23' 19"	03:57	+41° 46' 18"	10:02	271° 37' 30"	08:12	17:57	04:44	12:27
09-02-2010	21:47(-1 jour)	88° 21' 23"	03:53	+41° 47' 34"	09:58	271° 39' 27"	08:10	17:59	05:35	13:23
10-02-2010	21:43(-1 jour)	88° 19' 25"	03:48	+41° 48' 52"	09:54	271° 41' 26"	08:09	18:01	06:16	14:24
11-02-2010	21:39(-1 jour)	88° 17' 24"	03:44	+41° 50' 13"	09:50	271° 43' 28"	08:07	18:02	06:49	15:30
12-02-2010	21:34(-1 jour)	88° 15' 19"	03:40	+41° 51' 35"	09:46	271° 45' 34"	08:06	18:04	07:14	16:37
13-02-2010	21:30(-1 jour)	88° 13' 12"	03:36	+41° 52' 59"	09:42	271° 47' 42"	08:04	18:06	07:35	17:43
14-02-2010	21:26(-1 jour)	88° 11' 02"	03:32	+41° 54' 25"	09:38	271° 49' 53"	08:02	18:07	07:53	18:50
15-02-2010	21:22(-1 jour)	88° 08' 50"	03:28	+41° 55' 52"	09:34	271° 52' 06"	08:00	18:09	08:10	19:55
16-02-2010	21:18(-1 jour)	88° 06' 35"	03:24	+41° 57' 22"	09:30	271° 54' 22"	07:59	18:11	08:25	21:01
17-02-2010	21:13(-1 jour)	88° 04' 17"	03:20	+41° 58' 53"	09:26	271° 56' 41"	07:57	18:12	08:41	22:09
18-02-2010	21:09(-1 jour)	88° 01' 57"	03:16	+42° 00' 25"	09:22	271° 59' 02"	07:55	18:14	08:59	23:17
19-02-2010	21:05(-1 jour)	87° 59' 34"	03:11	+42° 01' 59"	09:18	272° 01' 25"	07:53	18:15	09:19	---
20-02-2010	21:01(-1 jour)	87° 57' 09"	03:07	+42° 03' 35"	09:14	272° 03' 51"	07:51	18:17	09:44	00:28
21-02-2010	20:56(-1 jour)	87° 54' 42"	03:03	+42° 05' 12"	09:10	272° 06' 18"	07:50	18:19	10:17	01:40
22-02-2010	20:52(-1 jour)	87° 52' 13"	02:59	+42° 06' 51"	09:06	272° 08' 48"	07:48	18:20	10:59	02:51
23-02-2010	20:48(-1 jour)	87° 49' 42"	02:55	+42° 08' 30"	09:02	272° 11' 20"	07:46	18:22	11:55	03:56
24-02-2010	20:43(-1 jour)	87° 47' 08"	02:51	+42° 10' 12"	08:58	272° 13' 54"	07:44	18:24	13:04	04:52
25-02-2010	20:39(-1 jour)	87° 44' 33"	02:46	+42° 11' 54"	08:54	272° 16' 30"	07:42	18:25	14:24	05:36
26-02-2010	20:35(-1 jour)	87° 41' 56"	02:42	+42° 13' 38"	08:50	272° 19' 08"	07:40	18:27	15:50	06:12
27-02-2010	20:31(-1 jour)	87° 39' 17"	02:38	+42° 15' 22"	08:46	272° 21' 47"	07:38	18:28	17:18	06:40
28-02-2010	20:26(-1 jour)	87° 36' 37"	02:34	+42° 17' 08"	08:42	272° 24' 28"	07:36	18:30	18:44	07:04
01-03-2010	20:22(-1 jour)	87° 33' 54"	02:30	+42° 18' 55"	08:38	272° 27' 11"	07:34	18:32	20:09	07:25



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Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
02-03-2010	20:18(-1 jour)	87° 31' 11"	02:26	+42° 20' 43"	08:33	272° 29' 55"	07:32	18:33	21:32	07:46
03-03-2010	20:13(-1 jour)	87° 28' 26"	02:21	+42° 22' 31"	08:29	272° 32' 40"	07:30	18:35	22:54	08:08
04-03-2010	20:09(-1 jour)	87° 25' 39"	02:17	+42° 24' 21"	08:25	272° 35' 27"	07:28	18:36	---	08:33
05-03-2010	20:05(-1 jour)	87° 22' 52"	02:13	+42° 26' 11"	08:21	272° 38' 15"	07:26	18:38	00:13	09:02
06-03-2010	20:00(-1 jour)	87° 20' 03"	02:09	+42° 28' 03"	08:17	272° 41' 05"	07:24	18:39	01:28	09:39
07-03-2010	19:56(-1 jour)	87° 17' 13"	02:05	+42° 29' 55"	08:13	272° 43' 55"	07:22	18:41	02:34	10:23
08-03-2010	19:52(-1 jour)	87° 14' 22"	02:00	+42° 31' 47"	08:09	272° 46' 46"	07:20	18:43	03:30	11:16
09-03-2010	19:47(-1 jour)	87° 11' 30"	01:56	+42° 33' 40"	08:05	272° 49' 38"	07:18	18:44	04:15	12:16
10-03-2010	19:43(-1 jour)	87° 08' 37"	01:52	+42° 35' 34"	08:01	272° 52' 31"	07:16	18:46	04:50	13:21
11-03-2010	19:39(-1 jour)	87° 05' 44"	01:48	+42° 37' 28"	07:57	272° 55' 25"	07:14	18:47	05:18	14:27
12-03-2010	19:34(-1 jour)	87° 02' 50"	01:44	+42° 39' 23"	07:53	272° 58' 19"	07:12	18:49	05:41	15:34
13-03-2010	19:30(-1 jour)	86° 59' 55"	01:39	+42° 41' 17"	07:49	273° 01' 14"	07:10	18:50	06:00	16:40
14-03-2010	19:26(-1 jour)	86° 57' 00"	01:35	+42° 43' 13"	07:45	273° 04' 09"	07:08	18:52	06:17	17:46
15-03-2010	19:21(-1 jour)	86° 54' 05"	01:31	+42° 45' 08"	07:41	273° 07' 04"	07:06	18:53	06:33	18:52
16-03-2010	19:17(-1 jour)	86° 51' 09"	01:27	+42° 47' 03"	07:37	273° 10' 00"	07:04	18:55	06:49	19:59
17-03-2010	19:12(-1 jour)	86° 48' 13"	01:23	+42° 48' 59"	07:33	273° 12' 55"	07:01	18:56	07:06	21:08
18-03-2010	19:08(-1 jour)	86° 45' 17"	01:18	+42° 50' 54"	07:28	273° 15' 51"	06:59	18:58	07:26	22:18
19-03-2010	19:04(-1 jour)	86° 42' 22"	01:14	+42° 52' 50"	07:24	273° 18' 47"	06:57	19:00	07:50	23:30
20-03-2010	18:59(-1 jour)	86° 39' 26"	01:10	+42° 54' 45"	07:20	273° 21' 42"	06:55	19:01	08:20	---
21-03-2010	18:55(-1 jour)	86° 36' 31"	01:06	+42° 56' 40"	07:16	273° 24' 37"	06:53	19:03	08:59	00:41
22-03-2010	18:51(-1 jour)	86° 33' 36"	01:01	+42° 58' 35"	07:12	273° 27' 32"	06:51	19:04	09:49	01:47
23-03-2010	18:46(-1 jour)	86° 30' 41"	00:57	+43° 00' 30"	07:08	273° 30' 26"	06:49	19:06	10:52	02:44
24-03-2010	18:42(-1 jour)	86° 27' 47"	00:53	+43° 02' 24"	07:04	273° 33' 20"	06:47	19:07	12:05	03:31
25-03-2010	18:38(-1 jour)	86° 24' 54"	00:49	+43° 04' 17"	07:00	273° 36' 13"	06:45	19:09	13:25	04:09
26-03-2010	18:33(-1 jour)	86° 22' 02"	00:45	+43° 06' 11"	06:56	273° 39' 05"	06:43	19:10	14:49	04:39
27-03-2010	18:29(-1 jour)	86° 19' 10"	00:40	+43° 08' 03"	06:52	273° 41' 56"	06:40	19:12	16:13	05:04
28-03-2010	18:24(-1 jour)	86° 16' 19"	00:36	+43° 09' 55"	07:48	273° 44' 46"	07:38	20:13	18:37	06:26
29-03-2010	19:20(-1 jour)	86° 13' 29"	01:32	+43° 11' 47"	07:44	273° 47' 36"	07:36	20:15	20:00	06:47
30-03-2010	19:16(-1 jour)	86° 10' 40"	01:28	+43° 13' 37"	07:40	273° 50' 24"	07:34	20:16	21:23	07:09
31-03-2010	19:11(-1 jour)	86° 07' 53"	01:24	+43° 15' 27"	07:36	273° 53' 11"	07:32	20:18	22:45	07:32



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Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
01-04-2010	19:07(-1 jour)	86° 05' 06"	01:19	+43° 17' 16"	07:31	273° 55' 57"	07:30	20:19	---	08:00
02-04-2010	19:03(-1 jour)	86° 02' 21"	01:15	+43° 19' 05"	07:27	273° 58' 41"	07:28	20:21	00:04	08:34
03-04-2010	18:58(-1 jour)	85° 59' 38"	01:11	+43° 20' 52"	07:23	274° 01' 24"	07:26	20:22	01:16	09:16
04-04-2010	18:54(-1 jour)	85° 56' 55"	01:07	+43° 22' 38"	07:19	274° 04' 06"	07:24	20:24	02:18	10:07
05-04-2010	18:50(-1 jour)	85° 54' 15"	01:02	+43° 24' 23"	07:15	274° 06' 46"	07:22	20:25	03:08	11:06
06-04-2010	18:45(-1 jour)	85° 51' 36"	00:58	+43° 26' 07"	07:11	274° 09' 24"	07:20	20:27	03:48	12:09
07-04-2010	18:41(-1 jour)	85° 48' 59"	00:54	+43° 27' 50"	07:07	274° 12' 00"	07:18	20:28	04:19	13:16
08-04-2010	18:37(-1 jour)	85° 46' 23"	00:50	+43° 29' 32"	07:03	274° 14' 35"	07:16	20:30	04:44	14:22
09-04-2010	18:32(-1 jour)	85° 43' 50"	00:46	+43° 31' 12"	06:59	274° 17' 07"	07:13	20:31	05:04	15:28
10-04-2010	18:28(-1 jour)	85° 41' 18"	00:41	+43° 32' 51"	06:55	274° 19' 38"	07:11	20:33	05:22	16:34
11-04-2010	18:24(-1 jour)	85° 38' 49"	00:37	+43° 34' 29"	06:51	274° 22' 06"	07:09	20:34	05:39	17:40
12-04-2010	18:19(-1 jour)	85° 36' 22"	00:33	+43° 36' 06"	06:47	274° 24' 33"	07:07	20:35	05:55	18:47
13-04-2010	18:15(-1 jour)	85° 33' 57"	00:29	+43° 37' 40"	06:43	274° 26' 57"	07:05	20:37	06:12	19:55
14-04-2010	18:11(-1 jour)	85° 31' 34"	00:25	+43° 39' 14"	06:39	274° 29' 19"	07:03	20:38	06:32	21:06
15-04-2010	18:06(-1 jour)	85° 29' 14"	00:21	+43° 40' 45"	06:35	274° 31' 38"	07:01	20:40	06:55	22:18
16-04-2010	18:02(-1 jour)	85° 26' 56"	00:16	+43° 42' 15"	06:30	274° 33' 55"	07:00	20:41	07:23	23:30
17-04-2010	17:58(-1 jour)	85° 24' 40"	00:12	+43° 43' 44"	06:26	274° 36' 09"	06:58	20:43	08:00	---
18-04-2010	17:54(-1 jour)	85° 22' 27"	00:08	+43° 45' 11"	06:22	274° 38' 21"	06:56	20:44	08:47	00:39
19-04-2010	17:49(-1 jour)	85° 20' 17"	00:04	+43° 46' 36"	06:18	274° 40' 30"	06:54	20:46	09:46	01:39
20-04-2010	17:45(-1 jour)	85° 18' 10"	00:00	+43° 47' 59"	06:14	274° 42' 36"	06:52	20:47	10:56	02:29
20-04-2010	17:41	85° 16' 05"	23:56	+43° 49' 20"	06:10(+1 jour)	274° 44' 39"	06:52	20:47	10:56	02:29
21-04-2010	17:37	85° 14' 04"	23:51	+43° 50' 39"	06:06(+1 jour)	274° 46' 40"	06:50	20:49	12:13	03:09
22-04-2010	17:32	85° 12' 05"	23:47	+43° 51' 57"	06:02(+1 jour)	274° 48' 38"	06:48	20:50	13:33	03:41
23-04-2010	17:28	85° 10' 09"	23:43	+43° 53' 13"	05:58(+1 jour)	274° 50' 32"	06:46	20:52	14:54	04:06
24-04-2010	17:24	85° 08' 16"	23:39	+43° 54' 26"	05:54(+1 jour)	274° 52' 24"	06:44	20:53	16:15	04:29
25-04-2010	17:20	85° 06' 26"	23:35	+43° 55' 38"	05:50(+1 jour)	274° 54' 13"	06:42	20:55	17:36	04:50
26-04-2010	17:15	85° 04' 39"	23:31	+43° 56' 47"	05:46(+1 jour)	274° 55' 58"	06:41	20:56	18:57	05:10
27-04-2010	17:11	85° 02' 55"	23:27	+43° 57' 55"	05:42(+1 jour)	274° 57' 41"	06:39	20:58	20:18	05:33
28-04-2010	17:07	85° 01' 15"	23:22	+43° 59' 00"	05:38(+1 jour)	274° 59' 20"	06:37	20:59	21:38	05:58
29-04-2010	17:03	84° 59' 37"	23:18	+44° 00' 04"	05:34(+1 jour)	275° 00' 56"	06:35	21:01	22:53	06:29



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30-04-2010	16:59	84° 58' 03"	23:14	+44° 01' 05"	05:30(+1 jour)	275° 02' 29"	06:34	21:02	---	07:08
01-05-2010	16:54	84° 56' 32"	23:10	+44° 02' 04"	05:26(+1 jour)	275° 03' 58"	06:32	21:04	00:01	07:56
02-05-2010	16:50	84° 55' 05"	23:06	+44° 03' 01"	05:22(+1 jour)	275° 05' 24"	06:30	21:05	00:58	08:52
03-05-2010	16:46	84° 54' 18"	23:02	+44° 03' 55"	05:18(+1 jour)	275° 06' 47"	06:29	21:06	01:43	09:55
04-05-2010	16:42	84° 52' 56"	22:58	+44° 04' 48"	05:14(+1 jour)	275° 08' 07"	06:27	21:08	02:18	11:02
05-05-2010	16:38	84° 51' 38"	22:54	+44° 05' 38"	05:10(+1 jour)	275° 09' 22"	06:25	21:09	02:45	12:09
06-05-2010	16:34	84° 50' 22"	22:50	+44° 06' 26"	05:06(+1 jour)	275° 10' 35"	06:24	21:11	03:07	13:15
07-05-2010	16:29	84° 49' 11"	22:46	+44° 07' 11"	05:02(+1 jour)	275° 11' 44"	06:22	21:12	03:26	14:21
08-05-2010	16:25	84° 48' 02"	22:41	+44° 07' 54"	04:58(+1 jour)	275° 12' 49"	06:21	21:14	03:43	15:26
09-05-2010	16:21	84° 46' 58"	22:37	+44° 08' 35"	04:54(+1 jour)	275° 13' 51"	06:19	21:15	04:00	16:32
10-05-2010	16:17	84° 45' 57"	22:33	+44° 09' 14"	04:50(+1 jour)	275° 14' 49"	06:18	21:16	04:17	17:40
11-05-2010	16:13	84° 44' 59"	22:29	+44° 09' 50"	04:46(+1 jour)	275° 15' 44"	06:16	21:18	04:35	18:50
12-05-2010	16:09	84° 44' 06"	22:25	+44° 10' 24"	04:42(+1 jour)	275° 16' 34"	06:15	21:19	04:57	20:02
13-05-2010	16:05	84° 43' 16"	22:21	+44° 10' 55"	04:38(+1 jour)	275° 17' 22"	06:13	21:21	05:23	21:15
14-05-2010	16:01	84° 42' 29"	22:17	+44° 11' 24"	04:34(+1 jour)	275° 18' 05"	06:12	21:22	05:57	22:26
15-05-2010	15:57	84° 41' 47"	22:13	+44° 11' 50"	04:30(+1 jour)	275° 18' 45"	06:11	21:23	06:42	23:31
16-05-2010	15:53	84° 41' 08"	22:09	+44° 12' 14"	04:26(+1 jour)	275° 19' 21"	06:09	21:25	07:38	---
17-05-2010	15:49	84° 40' 32"	22:05	+44° 12' 36"	04:22(+1 jour)	275° 19' 53"	06:08	21:26	08:46	00:25
18-05-2010	15:44	84° 40' 01"	22:01	+44° 12' 55"	04:18(+1 jour)	275° 20' 21"	06:07	21:27	10:03	01:09
19-05-2010	15:40	84° 39' 33"	21:57	+44° 13' 11"	04:14(+1 jour)	275° 20' 46"	06:06	21:28	11:23	01:43
20-05-2010	15:36	84° 39' 09"	21:53	+44° 13' 25"	04:10(+1 jour)	275° 21' 07"	06:04	21:30	12:43	02:10
21-05-2010	15:32	84° 38' 49"	21:49	+44° 13' 37"	04:06(+1 jour)	275° 21' 24"	06:03	21:31	14:03	02:34
22-05-2010	15:28	84° 38' 33"	21:45	+44° 13' 46"	04:02(+1 jour)	275° 21' 37"	06:02	21:32	15:22	02:54
23-05-2010	15:24	84° 38' 20"	21:41	+44° 13' 52"	03:58(+1 jour)	275° 21' 47"	06:01	21:33	16:40	03:15
24-05-2010	15:20	84° 38' 12"	21:37	+44° 13' 57"	03:54(+1 jour)	275° 21' 53"	06:00	21:35	17:59	03:36
25-05-2010	15:16	84° 38' 06"	21:33	+44° 13' 58"	03:50(+1 jour)	275° 21' 55"	05:59	21:36	19:18	03:59
26-05-2010	15:12	84° 38' 05"	21:29	+44° 13' 57"	03:46(+1 jour)	275° 21' 53"	05:58	21:37	20:34	04:28
27-05-2010	15:09	84° 38' 08"	21:25	+44° 13' 54"	03:42(+1 jour)	275° 21' 48"	05:57	21:38	21:44	05:02
28-05-2010	15:05	84° 38' 14"	21:21	+44° 13' 48"	03:38(+1 jour)	275° 21' 38"	05:56	21:39	22:46	05:46
29-05-2010	15:01	84° 38' 24"	21:17	+44° 13' 40"	03:34(+1 jour)	275° 21' 25"	05:56	21:40	23:36	06:39



Lever/Coucher

Date/position

Date: 01-01-2010
Période : 365 jours
Lat : 48°51'59"N
Lon : 2°20' 0"E

Objet

Planète:
Saturne

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
30-05-2010	14:57	84° 38' 38"	21:13	+44° 13' 30"	03:30(+1 jour)	275° 21' 09"	05:55	21:41	---	07:40
31-05-2010	14:53	84° 38' 55"	21:09	+44° 13' 16"	03:26(+1 jour)	275° 20' 48"	05:54	21:42	00:15	08:46
01-06-2010	14:49	84° 39' 16"	21:05	+44° 13' 01"	03:22(+1 jour)	275° 20' 24"	05:53	21:43	00:45	09:54
02-06-2010	14:45	84° 39' 41"	21:02	+44° 12' 43"	03:18(+1 jour)	275° 19' 56"	05:53	21:44	01:10	11:01
03-06-2010	14:41	84° 40' 10"	20:58	+44° 12' 22"	03:14(+1 jour)	275° 19' 24"	05:52	21:45	01:30	12:07
04-06-2010	14:37	84° 40' 43"	20:54	+44° 11' 59"	03:10(+1 jour)	275° 18' 49"	05:51	21:46	01:48	13:12
05-06-2010	14:33	84° 41' 19"	20:50	+44° 11' 34"	03:06(+1 jour)	275° 18' 10"	05:51	21:47	02:04	14:17
06-06-2010	14:29	84° 41' 59"	20:46	+44° 11' 06"	03:02(+1 jour)	275° 17' 27"	05:50	21:48	02:21	15:23
07-06-2010	14:26	84° 42' 42"	20:42	+44° 10' 36"	02:58(+1 jour)	275° 16' 40"	05:50	21:48	02:38	16:31
08-06-2010	14:22	84° 43' 30"	20:38	+44° 10' 03"	02:54(+1 jour)	275° 15' 50"	05:50	21:49	02:58	17:42
09-06-2010	14:18	84° 44' 21"	20:34	+44° 09' 28"	02:51(+1 jour)	275° 14' 56"	05:49	21:50	03:22	18:54
10-06-2010	14:14	84° 45' 15"	20:30	+44° 08' 51"	02:47(+1 jour)	275° 13' 59"	05:49	21:51	03:53	20:07
11-06-2010	14:10	84° 46' 14"	20:26	+44° 08' 11"	02:43(+1 jour)	275° 12' 57"	05:49	21:51	04:33	21:16
12-06-2010	14:06	84° 47' 16"	20:23	+44° 07' 29"	02:39(+1 jour)	275° 11' 52"	05:48	21:52	05:25	22:16
13-06-2010	14:03	84° 48' 21"	20:19	+44° 06' 44"	02:35(+1 jour)	275° 10' 44"	05:48	21:52	06:30	23:05
14-06-2010	13:59	84° 49' 31"	20:15	+44° 05' 57"	02:31(+1 jour)	275° 09' 32"	05:48	21:53	07:46	23:43
15-06-2010	13:55	84° 50' 43"	20:11	+44° 05' 08"	02:27(+1 jour)	275° 08' 16"	05:48	21:53	09:07	---
16-06-2010	13:51	84° 52' 00"	20:07	+44° 04' 16"	02:23(+1 jour)	275° 06' 57"	05:48	21:54	10:30	00:14
17-06-2010	13:48	84° 53' 20"	20:03	+44° 03' 22"	02:19(+1 jour)	275° 05' 34"	05:48	21:54	11:51	00:38
18-06-2010	13:44	84° 54' 43"	20:00	+44° 02' 26"	02:15(+1 jour)	275° 04' 08"	05:48	21:55	13:11	01:00
19-06-2010	13:40	84° 56' 10"	19:56	+44° 01' 27"	02:12(+1 jour)	275° 02' 38"	05:48	21:55	14:30	01:20
20-06-2010	13:36	84° 57' 41"	19:52	+44° 00' 26"	02:08(+1 jour)	275° 01' 05"	05:48	21:55	15:48	01:41
21-06-2010	13:33	84° 59' 14"	19:48	+43° 59' 23"	02:04(+1 jour)	274° 59' 29"	05:48	21:55	17:05	02:04
22-06-2010	13:29	85° 00' 52"	19:44	+43° 58' 18"	02:00(+1 jour)	274° 57' 49"	05:49	21:56	18:21	02:30
23-06-2010	13:25	85° 02' 32"	19:41	+43° 57' 11"	01:56(+1 jour)	274° 56' 06"	05:49	21:56	19:32	03:01
24-06-2010	13:21	85° 04' 54"	19:37	+43° 56' 01"	01:52(+1 jour)	274° 54' 19"	05:49	21:56	20:36	03:41
25-06-2010	13:18	85° 06' 43"	19:33	+43° 54' 49"	01:48(+1 jour)	274° 52' 29"	05:50	21:56	21:30	04:30
26-06-2010	13:14	85° 08' 35"	19:29	+43° 53' 35"	01:44(+1 jour)	274° 50' 36"	05:50	21:56	22:12	05:28
27-06-2010	13:10	85° 10' 30"	19:25	+43° 52' 19"	01:40(+1 jour)	274° 48' 40"	05:50	21:56	22:46	06:32
28-06-2010	13:07	85° 12' 28"	19:22	+43° 51' 01"	01:37(+1 jour)	274° 46' 40"	05:51	21:56	23:13	07:39



Lever/Coucher

Date/position

Date: 01-01-2010
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 Lat : 48°51'59"N
 Lon : 2°20' 0"E

Objet

Planète:
 Saturne

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
29-06-2010	13:03	85° 14' 30"	19:18	+43° 49' 41"	01:33(+1 jour)	274° 44' 38"	05:51	21:56	23:34	08:47
30-06-2010	12:59	85° 16' 34"	19:14	+43° 48' 18"	01:29(+1 jour)	274° 42' 32"	05:52	21:55	23:53	09:54
01-07-2010	12:56	85° 18' 42"	19:10	+43° 46' 54"	01:25(+1 jour)	274° 40' 23"	05:53	21:55	---	10:59
02-07-2010	12:52	85° 20' 53"	19:07	+43° 45' 27"	01:21(+1 jour)	274° 38' 11"	05:53	21:55	00:10	12:04
03-07-2010	12:49	85° 23' 07"	19:03	+43° 43' 59"	01:17(+1 jour)	274° 35' 55"	05:54	21:55	00:26	13:09
04-07-2010	12:45	85° 25' 24"	18:59	+43° 42' 28"	01:13(+1 jour)	274° 33' 37"	05:55	21:54	00:43	14:15
05-07-2010	12:41	85° 27' 45"	18:55	+43° 40' 56"	01:10(+1 jour)	274° 31' 16"	05:55	21:54	01:01	15:23
06-07-2010	12:38	85° 30' 08"	18:52	+43° 39' 21"	01:06(+1 jour)	274° 28' 52"	05:56	21:53	01:23	16:34
07-07-2010	12:34	85° 32' 34"	18:48	+43° 37' 45"	01:02(+1 jour)	274° 26' 24"	05:57	21:53	01:49	17:45
08-07-2010	12:30	85° 35' 03"	18:44	+43° 36' 06"	00:58(+1 jour)	274° 23' 54"	05:58	21:52	02:24	18:56
09-07-2010	12:27	85° 37' 35"	18:41	+43° 34' 26"	00:54(+1 jour)	274° 21' 21"	05:59	21:52	03:10	20:00
10-07-2010	12:23	85° 40' 10"	18:37	+43° 32' 44"	00:50(+1 jour)	274° 18' 45"	06:00	21:51	04:08	20:55
11-07-2010	12:20	85° 42' 48"	18:33	+43° 31' 00"	00:47(+1 jour)	274° 16' 07"	06:00	21:50	05:20	21:38
12-07-2010	12:16	85° 45' 28"	18:29	+43° 29' 14"	00:43(+1 jour)	274° 13' 25"	06:01	21:50	06:42	22:13
13-07-2010	12:13	85° 48' 12"	18:26	+43° 27' 26"	00:39(+1 jour)	274° 10' 41"	06:02	21:49	08:07	22:41
14-07-2010	12:09	85° 50' 58"	18:22	+43° 25' 37"	00:35(+1 jour)	274° 07' 54"	06:03	21:48	09:32	23:04
15-07-2010	12:06	85° 53' 47"	18:18	+43° 23' 45"	00:31(+1 jour)	274° 05' 04"	06:04	21:47	10:55	23:26
16-07-2010	12:02	85° 56' 38"	18:15	+43° 21' 52"	00:28(+1 jour)	274° 02' 11"	06:06	21:46	12:16	23:47
17-07-2010	11:59	85° 59' 32"	18:11	+43° 19' 58"	00:24(+1 jour)	273° 59' 16"	06:07	21:45	13:36	---
18-07-2010	11:55	86° 02' 29"	18:07	+43° 18' 01"	00:20(+1 jour)	273° 56' 19"	06:08	21:44	14:54	00:09
19-07-2010	11:51	86° 05' 28"	18:04	+43° 16' 03"	00:16(+1 jour)	273° 53' 19"	06:09	21:43	16:11	00:34
20-07-2010	11:48	86° 08' 30"	18:00	+43° 14' 03"	00:12(+1 jour)	273° 50' 16"	06:10	21:42	17:24	01:04
21-07-2010	11:44	86° 11' 34"	17:56	+43° 12' 02"	00:08(+1 jour)	273° 47' 11"	06:11	21:41	18:29	01:40
22-07-2010	11:41	86° 14' 41"	17:53	+43° 09' 59"	00:05(+1 jour)	273° 44' 04"	06:12	21:40	19:26	02:26
23-07-2010	11:38	86° 17' 50"	17:49	+43° 07' 54"	00:01(+1 jour)	273° 40' 54"	06:14	21:39	20:12	03:20
24-07-2010	11:34	86° 21' 01"	17:46	+43° 05' 48"	23:57	273° 37' 42"	06:15	21:38	20:48	04:22
25-07-2010	11:31	86° 24' 15"	17:42	+43° 03' 41"	23:53	273° 34' 27"	06:16	21:37	21:16	05:28
26-07-2010	11:27	86° 27' 31"	17:38	+43° 01' 31"	23:50	273° 31' 10"	06:17	21:35	21:39	06:35
27-07-2010	11:24	86° 30' 49"	17:35	+42° 59' 21"	23:46	273° 27' 51"	06:18	21:34	21:59	07:42
28-07-2010	11:20	86° 34' 10"	17:31	+42° 57' 09"	23:42	273° 24' 30"	06:20	21:33	22:16	08:48



Lever/Coucher

Date/position

Date: 01-01-2010
Période : 365 jours
Lat : 48°51'59"N
Lon : 2°20'0"E

Objet

Planète:
Saturne

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
29-07-2010	11:17	86° 37' 32"	17:27	+42° 54' 55"	23:38	273° 21' 07"	06:21	21:31	22:33	09:53
30-07-2010	11:13	86° 40' 57"	17:24	+42° 52' 40"	23:34	273° 17' 41"	06:22	21:30	22:49	10:58
31-07-2010	11:10	86° 44' 24"	17:20	+42° 50' 24"	23:31	273° 14' 14"	06:24	21:29	23:07	12:03
01-08-2010	11:06	86° 47' 53"	17:17	+42° 48' 06"	23:27	273° 10' 44"	06:25	21:27	23:26	13:09
02-08-2010	11:03	86° 51' 24"	17:13	+42° 45' 47"	23:23	273° 07' 12"	06:26	21:26	23:50	14:17
03-08-2010	11:00	86° 54' 58"	17:09	+42° 43' 27"	23:19	273° 03' 39"	06:28	21:24	---	15:27
04-08-2010	10:56	86° 58' 33"	17:06	+42° 41' 05"	23:15	273° 00' 03"	06:29	21:23	00:20	16:36
05-08-2010	10:53	87° 02' 10"	17:02	+42° 38' 42"	23:12	272° 56' 25"	06:30	21:21	01:00	17:42
06-08-2010	10:49	87° 05' 49"	16:59	+42° 36' 18"	23:08	272° 52' 46"	06:32	21:19	01:51	18:40
07-08-2010	10:46	87° 09' 30"	16:55	+42° 33' 53"	23:04	272° 49' 04"	06:33	21:18	02:55	19:29
08-08-2010	10:43	87° 13' 12"	16:51	+42° 31' 26"	23:00	272° 45' 21"	06:34	21:16	04:11	20:08
09-08-2010	10:39	87° 16' 57"	16:48	+42° 28' 58"	22:57	272° 41' 36"	06:36	21:15	05:35	20:39
10-08-2010	10:36	87° 20' 43"	16:44	+42° 26' 29"	22:53	272° 37' 49"	06:37	21:13	07:01	21:05
11-08-2010	10:32	87° 24' 31"	16:41	+42° 23' 59"	22:49	272° 34' 01"	06:39	21:11	08:27	21:28
12-08-2010	10:29	87° 28' 21"	16:37	+42° 21' 28"	22:45	272° 30' 11"	06:40	21:09	09:52	21:50
13-08-2010	10:26	87° 32' 12"	16:34	+42° 18' 56"	22:42	272° 26' 19"	06:41	21:08	11:16	22:13
14-08-2010	10:22	87° 36' 05"	16:30	+42° 16' 22"	22:38	272° 22' 25"	06:43	21:06	12:37	22:38
15-08-2010	10:19	87° 39' 59"	16:26	+42° 13' 48"	22:34	272° 18' 31"	06:44	21:04	13:57	23:06
16-08-2010	10:16	87° 43' 55"	16:23	+42° 11' 13"	22:30	272° 14' 34"	06:46	21:02	15:13	23:41
17-08-2010	10:12	87° 47' 53"	16:19	+42° 08' 36"	22:27	272° 10' 37"	06:47	21:01	16:22	---
18-08-2010	10:09	87° 51' 52"	16:16	+42° 05' 59"	22:23	272° 06' 37"	06:48	20:59	17:21	00:24
19-08-2010	10:06	87° 55' 52"	16:12	+42° 03' 21"	22:19	272° 02' 37"	06:50	20:57	18:10	01:16
20-08-2010	10:02	87° 59' 53"	16:09	+42° 00' 42"	22:15	271° 58' 35"	06:51	20:55	18:49	02:15
21-08-2010	09:59	88° 03' 56"	16:05	+41° 58' 02"	22:12	271° 54' 32"	06:53	20:53	19:20	03:19
22-08-2010	09:56	88° 08' 00"	16:02	+41° 55' 21"	22:08	271° 50' 28"	06:54	20:51	19:45	04:26
23-08-2010	09:52	88° 12' 06"	15:58	+41° 52' 40"	22:04	271° 46' 22"	06:56	20:49	20:05	05:33
24-08-2010	09:49	88° 16' 12"	15:55	+41° 49' 58"	22:00	271° 42' 15"	06:57	20:47	20:23	06:39
25-08-2010	09:46	88° 20' 20"	15:51	+41° 47' 15"	21:57	271° 38' 07"	06:58	20:45	20:40	07:44
26-08-2010	09:42	88° 24' 29"	15:48	+41° 44' 31"	21:53	271° 33' 58"	07:00	20:43	20:57	08:49
27-08-2010	09:39	88° 28' 38"	15:44	+41° 41' 46"	21:49	271° 29' 48"	07:01	20:41	21:14	09:53



Lever/Coucher

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Date: 01-01-2010
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Lon : 2°20' 0"E

Objet

Planète:
Saturne

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
28-08-2010	09:36	88° 32' 49"	15:41	+41° 39' 01"	21:46	271° 25' 37"	07:03	20:39	21:33	10:59
29-08-2010	09:32	88° 37' 01"	15:37	+41° 36' 15"	21:42	271° 21' 25"	07:04	20:37	21:55	12:06
30-08-2010	09:29	88° 41' 14"	15:33	+41° 33' 29"	21:38	271° 17' 12"	07:05	20:35	22:22	13:14
31-08-2010	09:26	88° 45' 28"	15:30	+41° 30' 42"	21:34	271° 12' 57"	07:07	20:33	22:57	14:22
01-09-2010	09:22	88° 49' 43"	15:26	+41° 27' 54"	21:31	271° 08' 42"	07:08	20:31	23:42	15:28
02-09-2010	09:19	88° 53' 59"	15:23	+41° 25' 06"	21:27	271° 04' 27"	07:10	20:29	---	16:28
03-09-2010	09:16	88° 58' 16"	15:19	+41° 22' 17"	21:23	271° 00' 10"	07:11	20:27	00:38	17:19
04-09-2010	09:13	89° 02' 33"	15:16	+41° 19' 27"	21:19	270° 55' 52"	07:12	20:25	01:47	18:01
05-09-2010	09:09	89° 06' 51"	15:12	+41° 16' 38"	21:16	270° 51' 34"	07:14	20:23	03:05	18:35
06-09-2010	09:06	89° 11' 10"	15:09	+41° 13' 47"	21:12	270° 47' 15"	07:15	20:21	04:28	19:04
07-09-2010	09:03	89° 15' 29"	15:05	+41° 10' 56"	21:08	270° 42' 56"	07:17	20:19	05:54	19:28
08-09-2010	08:59	89° 19' 50"	15:02	+41° 08' 05"	21:05	270° 38' 36"	07:18	20:17	07:20	19:51
09-09-2010	08:56	89° 24' 10"	14:58	+41° 05' 14"	21:01	270° 34' 15"	07:20	20:15	08:45	20:14
10-09-2010	08:53	89° 28' 32"	14:55	+41° 02' 22"	20:57	270° 29' 54"	07:21	20:12	10:10	20:39
11-09-2010	08:50	89° 32' 53"	14:51	+40° 59' 30"	20:53	270° 25' 32"	07:22	20:10	11:33	21:07
12-09-2010	08:46	89° 37' 16"	14:48	+40° 56' 37"	20:50	270° 21' 10"	07:24	20:08	12:54	21:40
13-09-2010	08:43	89° 41' 38"	14:44	+40° 53' 44"	20:46	270° 16' 10"	07:25	20:06	14:08	22:21
14-09-2010	08:40	89° 46' 01"	14:41	+40° 50' 51"	20:42	270° 11' 46"	07:27	20:04	15:13	23:11
15-09-2010	08:36	89° 50' 24"	14:37	+40° 47' 58"	20:39	270° 07' 23"	07:28	20:02	16:06	---
16-09-2010	08:33	89° 54' 48"	14:34	+40° 45' 05"	20:35	270° 02' 59"	07:29	20:00	16:49	00:09
17-09-2010	08:30	89° 59' 12"	14:30	+40° 42' 11"	20:31	269° 58' 35"	07:31	19:58	17:22	01:12
18-09-2010	08:27	90° 03' 36"	14:27	+40° 39' 17"	20:27	269° 54' 11"	07:32	19:55	17:49	02:18
19-09-2010	08:23	90° 08' 00"	14:23	+40° 36' 23"	20:24	269° 49' 47"	07:34	19:53	18:11	03:24
20-09-2010	08:20	90° 12' 25"	14:20	+40° 33' 30"	20:20	269° 45' 23"	07:35	19:51	18:30	04:30
21-09-2010	08:17	90° 16' 49"	14:17	+40° 30' 36"	20:16	269° 40' 58"	07:37	19:49	18:47	05:35
22-09-2010	08:14	90° 21' 14"	14:13	+40° 27' 42"	20:13	269° 36' 34"	07:38	19:47	19:04	06:40
23-09-2010	08:10	90° 25' 38"	14:10	+40° 24' 48"	20:09	269° 32' 09"	07:39	19:45	19:21	07:45
24-09-2010	08:07	90° 30' 03"	14:06	+40° 21' 54"	20:05	269° 27' 45"	07:41	19:43	19:40	08:50
25-09-2010	08:04	90° 34' 27"	14:03	+40° 19' 00"	20:01	269° 23' 21"	07:42	19:41	20:01	09:57
26-09-2010	08:01	90° 38' 52"	13:59	+40° 16' 06"	19:58	269° 18' 56"	07:44	19:38	20:27	11:05



Lever/Coucher

Date/position

Date: 01-01-2010
 Période : 365 jours
 Lat : 48°51'59"N
 Lon : 2°20' 0"E

Objet

Planète:
 Saturne

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
27-09-2010	07:57	90° 43' 16"	13:56	+40° 13' 12"	19:54	269° 14' 32"	07:45	19:36	20:59	12:13
28-09-2010	07:54	90° 47' 40"	13:52	+40° 10' 18"	19:50	269° 10' 08"	07:47	19:34	21:40	13:19
29-09-2010	07:51	90° 52' 04"	13:49	+40° 07' 25"	19:47	269° 05' 44"	07:48	19:32	22:31	14:19
30-09-2010	07:48	90° 56' 28"	13:45	+40° 04' 31"	19:43	269° 01' 21"	07:50	19:30	23:34	15:12
01-10-2010	07:44	91° 00' 51"	13:42	+40° 01' 38"	19:39	268° 56' 57"	07:51	19:28	---	15:57
02-10-2010	07:41	91° 05' 15"	13:38	+39° 58' 45"	19:36	268° 52' 35"	07:52	19:26	00:46	16:33
03-10-2010	07:38	91° 09' 37"	13:35	+39° 55' 52"	19:32	268° 48' 12"	07:54	19:24	02:04	17:02
04-10-2010	07:34	91° 14' 00"	13:31	+39° 53' 00"	19:28	268° 43' 50"	07:55	19:22	03:26	17:28
05-10-2010	07:31	91° 18' 22"	13:28	+39° 50' 07"	19:24	268° 39' 28"	07:57	19:20	04:49	17:51
06-10-2010	07:28	91° 22' 43"	13:24	+39° 47' 15"	19:21	268° 35' 07"	07:58	19:17	06:13	18:14
07-10-2010	07:25	91° 27' 04"	13:21	+39° 44' 24"	19:17	268° 30' 46"	08:00	19:15	07:37	18:37
08-10-2010	07:21	91° 31' 25"	13:17	+39° 41' 33"	19:13	268° 26' 26"	08:01	19:13	09:02	19:04
09-10-2010	07:18	91° 35' 44"	13:14	+39° 38' 42"	19:10	268° 22' 07"	08:03	19:11	10:25	19:36
10-10-2010	07:15	91° 40' 04"	13:10	+39° 35' 52"	19:06	268° 17' 48"	08:04	19:09	11:45	20:15
11-10-2010	07:12	91° 44' 22"	13:07	+39° 33' 02"	19:02	268° 13' 31"	08:06	19:07	12:56	21:02
12-10-2010	07:08	91° 48' 40"	13:03	+39° 30' 13"	18:59	268° 09' 13"	08:07	19:05	13:56	21:58
13-10-2010	07:05	91° 52' 56"	13:00	+39° 27' 24"	18:55	268° 04' 57"	08:09	19:03	14:44	23:01
14-10-2010	07:02	91° 57' 12"	12:56	+39° 24' 36"	18:51	268° 00' 41"	08:10	19:01	15:22	---
15-10-2010	06:59	92° 01' 28"	12:53	+39° 21' 48"	18:48	267° 56' 27"	08:12	18:59	15:51	00:07
16-10-2010	06:55	92° 05' 42"	12:49	+39° 19' 01"	18:44	267° 52' 13"	08:13	18:57	16:15	01:14
17-10-2010	06:52	92° 09' 55"	12:46	+39° 16' 15"	18:40	267° 48' 00"	08:15	18:55	16:35	02:20
18-10-2010	06:49	92° 14' 07"	12:43	+39° 13' 29"	18:36	267° 43' 49"	08:16	18:53	16:53	03:26
19-10-2010	06:45	92° 18' 19"	12:39	+39° 10' 44"	18:33	267° 39' 38"	08:18	18:52	17:10	04:30
20-10-2010	06:42	92° 22' 29"	12:36	+39° 08' 00"	18:29	267° 35' 28"	08:20	18:50	17:27	05:35
21-10-2010	06:39	92° 26' 38"	12:32	+39° 05' 16"	18:25	267° 31' 20"	08:21	18:48	17:46	06:40
22-10-2010	06:36	92° 30' 46"	12:29	+39° 02' 33"	18:22	267° 27' 13"	08:23	18:46	18:07	07:47
23-10-2010	06:32	92° 34' 53"	12:25	+38° 59' 51"	18:18	267° 23' 06"	08:24	18:44	18:31	08:55
24-10-2010	06:29	92° 38' 58"	12:22	+38° 57' 10"	18:14	267° 19' 02"	08:26	18:42	19:02	10:03
25-10-2010	06:26	92° 43' 03"	12:18	+38° 54' 29"	18:11	267° 14' 58"	08:27	18:40	19:40	11:10
26-10-2010	06:22	92° 47' 06"	12:15	+38° 51' 50"	18:07	267° 10' 55"	08:29	18:39	20:29	12:13



Lever/Coucher

Date/position

Date: 01-01-2010
Période : 365 jours
Lat : 48°51'59"N
Lon : 2°20'0"E

Objet

Planète:
Saturne

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
27-10-2010	06:19	92° 51' 08"	12:11	+38° 49' 11"	18:03	267° 06' 54"	08:31	18:37	21:28	13:08
28-10-2010	06:16	92° 55' 08"	12:08	+38° 46' 33"	17:59	267° 02' 55"	08:32	18:35	22:36	13:55
29-10-2010	06:13	92° 59' 07"	12:04	+38° 43' 56"	17:56	266° 58' 57"	08:34	18:33	23:51	14:33
30-10-2010	06:09	93° 03' 05"	12:01	+38° 41' 20"	17:52	266° 55' 00"	08:35	18:32	---	15:03
31-10-2010	05:06	93° 07' 01"	10:57	+38° 38' 45"	16:48	266° 51' 04"	07:37	17:30	01:09	14:29
01-11-2010	05:03	93° 10' 55"	10:54	+38° 36' 11"	16:45	266° 47' 11"	07:39	17:28	01:28	14:53
02-11-2010	04:59	93° 14' 48"	10:50	+38° 33' 39"	16:41	266° 43' 19"	07:40	17:27	02:49	15:15
03-11-2010	04:56	93° 18' 40"	10:47	+38° 31' 07"	16:37	266° 39' 28"	07:42	17:25	04:10	15:37
04-11-2010	04:53	93° 22' 29"	10:43	+38° 28' 36"	16:33	266° 35' 39"	07:43	17:24	05:32	16:02
05-11-2010	04:49	93° 26' 17"	10:39	+38° 26' 06"	16:30	266° 31' 52"	07:45	17:22	06:55	16:31
06-11-2010	04:46	93° 30' 03"	10:36	+38° 23' 38"	16:26	266° 28' 07"	07:47	17:20	08:16	17:06
07-11-2010	04:43	93° 33' 48"	10:32	+38° 21' 11"	16:22	266° 24' 23"	07:48	17:19	09:32	17:50
08-11-2010	04:39	93° 37' 31"	10:29	+38° 18' 45"	16:19	266° 20' 42"	07:50	17:18	10:39	18:43
09-11-2010	04:36	93° 41' 11"	10:25	+38° 16' 20"	16:15	266° 17' 02"	07:51	17:16	11:34	19:45
10-11-2010	04:33	93° 44' 50"	10:22	+38° 13' 57"	16:11	266° 13' 24"	07:53	17:15	12:17	20:51
11-11-2010	04:29	93° 48' 27"	10:18	+38° 11' 34"	16:08	266° 09' 48"	07:54	17:13	12:50	22:00
12-11-2010	04:26	93° 52' 02"	10:15	+38° 09' 13"	16:04	266° 06' 14"	07:56	17:12	13:16	23:07
13-11-2010	04:23	93° 55' 35"	10:11	+38° 06' 54"	16:00	266° 02' 43"	07:58	17:11	13:38	---
14-11-2010	04:19	93° 59' 06"	10:08	+38° 04' 36"	15:56	265° 59' 13"	07:59	17:09	13:57	00:13
15-11-2010	04:16	94° 02' 34"	10:04	+38° 02' 19"	15:53	265° 55' 45"	08:01	17:08	14:15	01:18
16-11-2010	04:12	94° 06' 01"	10:01	+38° 00' 04"	15:49	265° 52' 57"	08:02	17:07	14:32	02:22
17-11-2010	04:09	94° 09' 25"	09:57	+37° 57' 50"	15:45	265° 49' 34"	08:04	17:06	14:50	03:27
18-11-2010	04:06	94° 12' 47"	09:54	+37° 55' 37"	15:42	265° 46' 13"	08:05	17:05	15:10	04:33
19-11-2010	04:02	94° 16' 07"	09:50	+37° 53' 26"	15:38	265° 42' 54"	08:07	17:04	15:33	05:40
20-11-2010	03:59	94° 19' 25"	09:46	+37° 51' 17"	15:34	265° 39' 37"	08:08	17:03	16:02	06:49
21-11-2010	03:56	94° 22' 40"	09:43	+37° 49' 09"	15:30	265° 36' 22"	08:10	17:02	16:38	07:58
22-11-2010	03:52	94° 25' 53"	09:39	+37° 47' 03"	15:27	265° 33' 10"	08:11	17:01	17:24	09:03
23-11-2010	03:49	94° 29' 04"	09:36	+37° 44' 58"	15:23	265° 30' 01"	08:13	17:00	18:21	10:03
24-11-2010	03:45	94° 32' 12"	09:32	+37° 42' 54"	15:19	265° 26' 53"	08:14	16:59	19:28	10:53
25-11-2010	03:42	94° 35' 18"	09:29	+37° 40' 53"	15:15	265° 23' 49"	08:16	16:58	20:42	11:33



Lever/Coucher

Date/position

Date: 01-01-2010
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Lat : 48°51'59"N
Lon : 2°20' 0"E

Objet

Planète:
Saturne

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
26-11-2010	03:38	94° 38' 21"	09:25	+37° 38' 53"	15:12	265° 20' 46"	08:17	16:57	21:59	12:06
27-11-2010	03:35	94° 41' 22"	09:21	+37° 36' 55"	15:08	265° 17' 47"	08:19	16:57	23:17	12:34
28-11-2010	03:32	94° 44' 20"	09:18	+37° 34' 58"	15:04	265° 14' 50"	08:20	16:56	---	12:57
29-11-2010	03:28	94° 47' 15"	09:14	+37° 33' 03"	15:00	265° 11' 55"	08:21	16:55	00:36	13:19
30-11-2010	03:25	94° 50' 08"	09:11	+37° 31' 10"	14:57	265° 09' 03"	08:23	16:55	01:54	13:41
01-12-2010	03:21	94° 52' 58"	09:07	+37° 29' 19"	14:53	265° 06' 14"	08:24	16:54	03:13	14:04
02-12-2010	03:18	94° 55' 46"	09:03	+37° 27' 29"	14:49	265° 03' 28"	08:25	16:54	04:33	14:30
03-12-2010	03:14	94° 58' 31"	09:00	+37° 25' 42"	14:46	265° 00' 44"	08:26	16:53	05:53	15:01
04-12-2010	03:11	95° 01' 13"	08:56	+37° 23' 56"	14:42	264° 58' 03"	08:28	16:53	07:10	15:40
05-12-2010	03:07	95° 03' 52"	08:53	+37° 22' 12"	14:38	264° 55' 25"	08:29	16:52	08:20	16:29
06-12-2010	03:04	95° 06' 28"	08:49	+37° 20' 30"	14:34	264° 52' 50"	08:30	16:52	09:21	17:27
07-12-2010	03:00	95° 09' 01"	08:45	+37° 18' 49"	14:30	264° 50' 18"	08:31	16:52	10:09	18:32
08-12-2010	02:57	95° 11' 31"	08:42	+37° 17' 11"	14:27	264° 47' 49"	08:32	16:52	10:47	19:41
09-12-2010	02:53	95° 13' 59"	08:38	+37° 15' 35"	14:23	264° 45' 22"	08:33	16:51	11:17	20:50
10-12-2010	02:50	95° 16' 23"	08:34	+37° 14' 01"	14:19	264° 42' 59"	08:34	16:51	11:41	21:58
11-12-2010	02:46	95° 18' 44"	08:31	+37° 12' 29"	14:15	264° 40' 39"	08:35	16:51	12:01	23:04
12-12-2010	02:43	95° 21' 02"	08:27	+37° 10' 58"	14:12	264° 38' 22"	08:36	16:51	12:19	---
13-12-2010	02:39	95° 23' 18"	08:23	+37° 09' 30"	14:08	264° 36' 08"	08:37	16:51	12:36	00:08
14-12-2010	02:36	95° 25' 29"	08:20	+37° 08' 04"	14:04	264° 33' 57"	08:38	16:51	12:54	01:13
15-12-2010	02:32	95° 27' 38"	08:16	+37° 06' 40"	14:00	264° 31' 49"	08:39	16:52	13:12	02:17
16-12-2010	02:29	95° 29' 44"	08:13	+37° 05' 18"	13:57	264° 29' 45"	08:40	16:52	13:34	03:23
17-12-2010	02:25	95° 31' 46"	08:09	+37° 03' 58"	13:53	264° 27' 43"	08:40	16:52	14:00	04:31
18-12-2010	02:21	95° 33' 46"	08:05	+37° 02' 40"	13:49	264° 25' 45"	08:41	16:52	14:33	05:40
19-12-2010	02:18	95° 35' 42"	08:01	+37° 01' 25"	13:45	264° 23' 50"	08:42	16:53	15:14	06:47
20-12-2010	02:14	95° 37' 34"	07:58	+37° 00' 11"	13:41	264° 21' 59"	08:42	16:53	16:07	07:50
21-12-2010	02:11	95° 39' 24"	07:54	+36° 59' 00"	13:38	264° 20' 11"	08:43	16:54	17:12	08:45
22-12-2010	02:07	95° 41' 10"	07:50	+36° 57' 51"	13:34	264° 18' 26"	08:43	16:54	18:25	09:31
23-12-2010	02:03	95° 42' 53"	07:47	+36° 56' 44"	13:30	264° 16' 44"	08:44	16:55	19:44	10:07
24-12-2010	02:00	95° 44' 32"	07:43	+36° 55' 39"	13:26	264° 15' 06"	08:44	16:55	21:05	10:37
25-12-2010	01:56	95° 46' 08"	07:39	+36° 54' 37"	13:22	264° 13' 31"	08:45	16:56	22:24	11:02

REDSHIFT™ 6

Lever/Coucher

Date/position

Date: 01-01-2010
Période : 365 jours
Lat : 48°51'59"N
Lon : 2°20' 0"E

Objet

Planète:
Saturne

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
26-12-2010	01:52	95° 47' 40"	07:36	+36° 53' 37"	13:19	264° 12' 00"	08:45	16:57	23:44	11:25
27-12-2010	01:49	95° 49' 09"	07:32	+36° 52' 39"	13:15	264° 10' 32"	08:45	16:57	---	11:46
28-12-2010	01:45	95° 50' 35"	07:28	+36° 51' 43"	13:11	264° 09' 07"	08:45	16:58	01:02	12:09
29-12-2010	01:41	95° 51' 57"	07:24	+36° 50' 50"	13:07	264° 07' 46"	08:46	16:59	02:21	12:33
30-12-2010	01:38	95° 53' 16"	07:21	+36° 49' 59"	13:03	264° 06' 29"	08:46	17:00	03:39	13:02
31-12-2010	01:34	95° 54' 31"	07:17	+36° 49' 10"	13:00	264° 05' 15"	08:46	17:01	04:55	13:37