



## Lever/Coucher

### Date/position

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

### Objet

Planète:  
Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
01-01-2010	09:03	121° 16' 03"	13:25	+20° 44' 40"	17:47	238° 49' 51"	08:46	17:02	18:07	09:16
02-01-2010	08:54	121° 00' 36"	13:16	+20° 53' 40"	17:38	239° 04' 24"	08:46	17:03	19:35	09:51
03-01-2010	08:44	120° 47' 37"	13:07	+21° 01' 13"	17:30	239° 16' 31"	08:46	17:04	21:01	10:19
04-01-2010	08:33	120° 37' 03"	12:57	+21° 07' 19"	17:21	239° 26' 13"	08:45	17:05	22:24	10:41
05-01-2010	08:23	120° 28' 53"	12:47	+21° 11' 58"	17:11	239° 33' 31"	08:45	17:06	23:44	11:01
06-01-2010	08:13	120° 23' 05"	12:38	+21° 15' 13"	17:02	239° 38' 28"	08:45	17:07	---	11:20
07-01-2010	08:04	120° 19' 37"	12:28	+21° 17' 04"	16:53	239° 41' 05"	08:45	17:08	01:02	11:40
08-01-2010	07:55	120° 18' 27"	12:19	+21° 17' 31"	16:44	239° 41' 24"	08:44	17:10	02:18	12:03
09-01-2010	07:46	120° 19' 33"	12:11	+21° 16' 37"	16:36	239° 39' 29"	08:44	17:11	03:33	12:29
10-01-2010	07:39	120° 22' 51"	12:03	+21° 14' 24"	16:28	239° 35' 25"	08:43	17:12	04:45	13:01
11-01-2010	07:32	120° 28' 12"	11:56	+21° 10' 57"	16:21	239° 29' 20"	08:43	17:14	05:51	13:42
12-01-2010	07:26	120° 35' 28"	11:50	+21° 06' 23"	16:14	239° 21' 25"	08:42	17:15	06:49	14:31
13-01-2010	07:20	120° 44' 28"	11:44	+21° 00' 48"	16:08	239° 11' 51"	08:42	17:16	07:37	15:29
14-01-2010	07:16	120° 54' 56"	11:39	+20° 54' 21"	16:02	239° 00' 54"	08:41	17:18	08:15	16:33
15-01-2010	07:12	121° 06' 39"	11:35	+20° 47' 12"	15:57	238° 48' 48"	08:40	17:19	08:45	17:39
16-01-2010	07:09	121° 19' 20"	11:31	+20° 39' 30"	15:53	238° 35' 34"	08:40	17:21	09:09	18:46
17-01-2010	07:06	121° 32' 44"	11:28	+20° 31' 25"	15:49	238° 22' 16"	08:39	17:22	09:29	19:53
18-01-2010	07:04	121° 46' 34"	11:25	+20° 23' 06"	15:46	238° 08' 20"	08:38	17:23	09:46	20:59
19-01-2010	07:03	122° 00' 35"	11:23	+20° 14' 44"	15:43	237° 54' 20"	08:37	17:25	10:02	22:04
20-01-2010	07:02	122° 14' 33"	11:21	+20° 06' 26"	15:40	237° 40' 28"	08:36	17:26	10:17	23:10
21-01-2010	07:01	122° 28' 13"	11:20	+19° 58' 21"	15:38	237° 26' 58"	08:35	17:28	10:34	---
22-01-2010	07:01	122° 41' 23"	11:19	+19° 50' 35"	15:37	237° 14' 02"	08:34	17:30	10:52	00:18
23-01-2010	07:01	122° 53' 51"	11:18	+19° 43' 16"	15:35	237° 01' 52"	08:33	17:31	11:14	01:29
24-01-2010	07:01	123° 05' 27"	11:18	+19° 36' 30"	15:34	236° 50' 38"	08:32	17:33	11:42	02:42
25-01-2010	07:01	123° 16' 01"	11:18	+19° 30' 22"	15:34	236° 40' 28"	08:31	17:34	12:19	03:56
26-01-2010	07:02	123° 25' 25"	11:18	+19° 24' 57"	15:33	236° 31' 32"	08:30	17:36	13:08	05:07
27-01-2010	07:03	123° 33' 30"	11:18	+19° 20' 19"	15:33	236° 23' 57"	08:29	17:37	14:13	06:11
28-01-2010	07:04	123° 40' 10"	11:19	+19° 16' 32"	15:34	236° 17' 49"	08:28	17:39	15:31	07:04
29-01-2010	07:05	123° 45' 18"	11:20	+19° 13' 40"	15:34	236° 13' 15"	08:26	17:41	16:58	07:45
30-01-2010	07:06	123° 48' 50"	11:21	+19° 11' 46"	15:35	236° 10' 19"	08:25	17:42	18:27	08:16

**REDSHIFT™ 6**

**Lever/Coucher**

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Objet

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Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
31-01-2010	07:07	123° 50' 40"	11:22	+19° 10' 52"	15:36	236° 09' 07"	08:24	17:44	19:54	08:42
01-02-2010	07:08	123° 50' 43"	11:23	+19° 11' 01"	15:37	236° 09' 42"	08:22	17:46	21:19	09:04
02-02-2010	07:10	123° 48' 57"	11:24	+19° 12' 15"	15:39	236° 12' 08"	08:21	17:47	22:41	09:24
03-02-2010	07:11	123° 45' 18"	11:26	+19° 14' 36"	15:41	236° 16' 28"	08:20	17:49	---	09:44
04-02-2010	07:12	123° 39' 43"	11:27	+19° 18' 06"	15:43	236° 22' 45"	08:18	17:51	00:01	10:07
05-02-2010	07:13	123° 32' 11"	11:29	+19° 22' 46"	15:45	236° 31' 00"	08:17	17:52	01:19	10:32
06-02-2010	07:15	123° 22' 39"	11:31	+19° 28' 37"	15:47	236° 41' 16"	08:15	17:54	02:34	11:03
07-02-2010	07:16	123° 11' 05"	11:33	+19° 35' 40"	15:50	236° 53' 35"	08:14	17:56	03:43	11:41
08-02-2010	07:17	122° 57' 29"	11:34	+19° 43' 57"	15:52	237° 07' 56"	08:12	17:57	04:44	12:27
09-02-2010	07:18	122° 41' 50"	11:36	+19° 53' 28"	15:55	237° 24' 22"	08:10	17:59	05:35	13:23
10-02-2010	07:19	122° 24' 06"	11:39	+20° 04' 15"	15:59	237° 42' 52"	08:09	18:01	06:16	14:24
11-02-2010	07:20	122° 04' 18"	11:41	+20° 16' 17"	16:02	238° 03' 27"	08:07	18:02	06:49	15:30
12-02-2010	07:21	121° 42' 26"	11:43	+20° 29' 36"	16:05	238° 26' 07"	08:06	18:04	07:14	16:37
13-02-2010	07:22	121° 18' 29"	11:45	+20° 44' 11"	16:09	238° 50' 53"	08:04	18:06	07:35	17:43
14-02-2010	07:22	120° 52' 28"	11:47	+21° 00' 04"	16:13	239° 17' 43"	08:02	18:07	07:53	18:50
15-02-2010	07:23	120° 24' 23"	11:49	+21° 17' 15"	16:17	239° 46' 38"	08:00	18:09	08:10	19:55
16-02-2010	07:24	119° 54' 15"	11:52	+21° 35' 43"	16:21	240° 17' 38"	07:59	18:11	08:25	21:01
17-02-2010	07:24	119° 22' 03"	11:54	+21° 55' 30"	16:25	240° 50' 40"	07:57	18:12	08:41	22:09
18-02-2010	07:25	118° 47' 50"	11:56	+22° 16' 36"	16:29	241° 25' 46"	07:55	18:14	08:59	23:17
19-02-2010	07:25	118° 11' 35"	11:59	+22° 39' 01"	16:34	242° 02' 53"	07:53	18:15	09:19	---
20-02-2010	07:25	117° 33' 19"	12:01	+23° 02' 44"	16:38	242° 42' 02"	07:51	18:17	09:44	00:28
21-02-2010	07:25	116° 53' 04"	12:04	+23° 27' 47"	16:43	243° 23' 11"	07:50	18:19	10:17	01:40
22-02-2010	07:26	116° 10' 50"	12:06	+23° 54' 09"	16:48	244° 06' 20"	07:48	18:20	10:59	02:51
23-02-2010	07:26	115° 26' 38"	12:09	+24° 21' 50"	16:53	244° 51' 28"	07:46	18:22	11:55	03:56
24-02-2010	07:26	114° 40' 29"	12:11	+24° 50' 51"	16:58	245° 38' 33"	07:44	18:24	13:04	04:52
25-02-2010	07:26	113° 52' 24"	12:14	+25° 21' 11"	17:03	246° 27' 36"	07:42	18:25	14:24	05:36
26-02-2010	07:26	113° 02' 23"	12:16	+25° 52' 50"	17:09	247° 18' 34"	07:40	18:27	15:50	06:12
27-02-2010	07:25	112° 10' 29"	12:19	+26° 25' 49"	17:14	248° 11' 28"	07:38	18:28	17:18	06:40
28-02-2010	07:25	111° 16' 41"	12:22	+27° 00' 07"	17:20	249° 06' 16"	07:36	18:30	18:44	07:04
01-03-2010	07:25	110° 21' 00"	12:24	+27° 35' 44"	17:25	250° 02' 57"	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	07:24	109° 23' 28"	12:27	+28° 12' 41"	17:31	251° 01' 31"	07:32	18:33	21:32	07:46
03-03-2010	07:24	108° 24' 05"	12:30	+28° 50' 55"	17:37	252° 01' 57"	07:30	18:35	22:54	08:08
04-03-2010	07:24	107° 22' 52"	12:33	+29° 30' 28"	17:43	253° 04' 13"	07:28	18:36	---	08:33
05-03-2010	07:23	106° 19' 51"	12:35	+30° 11' 19"	17:49	254° 08' 19"	07:26	18:38	00:13	09:02
06-03-2010	07:22	105° 15' 02"	12:38	+30° 53' 27"	17:55	255° 14' 14"	07:24	18:39	01:28	09:39
07-03-2010	07:22	104° 08' 27"	12:41	+31° 36' 52"	18:02	256° 21' 55"	07:22	18:41	02:34	10:23
08-03-2010	07:21	103° 00' 07"	12:44	+32° 21' 32"	18:08	257° 31' 22"	07:20	18:43	03:30	11:16
09-03-2010	07:20	101° 50' 04"	12:47	+33° 07' 26"	18:15	258° 42' 33"	07:18	18:44	04:15	12:16
10-03-2010	07:20	100° 38' 19"	12:50	+33° 54' 33"	18:21	259° 55' 27"	07:16	18:46	04:50	13:21
11-03-2010	07:19	99° 24' 54"	12:53	+34° 42' 51"	18:28	261° 10' 00"	07:14	18:47	05:18	14:27
12-03-2010	07:18	98° 09' 53"	12:56	+35° 32' 18"	18:35	262° 26' 10"	07:12	18:49	05:41	15:34
13-03-2010	07:17	96° 53' 17"	12:59	+36° 22' 51"	18:42	263° 43' 55"	07:10	18:50	06:00	16:40
14-03-2010	07:16	95° 35' 11"	13:02	+37° 14' 28"	18:49	265° 03' 09"	07:08	18:52	06:17	17:46
15-03-2010	07:15	94° 15' 39"	13:05	+38° 07' 05"	18:56	266° 23' 49"	07:06	18:53	06:33	18:52
16-03-2010	07:14	92° 54' 45"	13:08	+39° 00' 37"	19:03	267° 45' 48"	07:04	18:55	06:49	19:59
17-03-2010	07:13	91° 32' 36"	13:11	+39° 55' 00"	19:11	269° 09' 01"	07:01	18:56	07:06	21:08
18-03-2010	07:12	90° 09' 19"	13:14	+40° 50' 08"	19:18	270° 33' 19"	06:59	18:58	07:26	22:18
19-03-2010	07:11	88° 45' 01"	13:17	+41° 45' 53"	19:26	271° 58' 34"	06:57	19:00	07:50	23:30
20-03-2010	07:10	87° 19' 53"	13:20	+42° 42' 08"	19:33	273° 24' 34"	06:55	19:01	08:20	---
21-03-2010	07:09	85° 54' 06"	13:24	+43° 38' 45"	19:41	274° 51' 09"	06:53	19:03	08:59	00:41
22-03-2010	07:08	84° 27' 51"	13:27	+44° 35' 33"	19:48	276° 18' 03"	06:51	19:04	09:49	01:47
23-03-2010	07:07	83° 01' 24"	13:30	+45° 32' 20"	19:56	277° 45' 02"	06:49	19:06	10:52	02:44
24-03-2010	07:05	81° 35' 01"	13:33	+46° 28' 57"	20:03	279° 11' 48"	06:47	19:07	12:05	03:31
25-03-2010	07:04	80° 08' 57"	13:36	+47° 25' 08"	20:11	280° 38' 03"	06:45	19:09	13:25	04:09
26-03-2010	07:03	78° 43' 33"	13:39	+48° 20' 41"	20:18	282° 03' 27"	06:43	19:10	14:49	04:39
27-03-2010	07:01	77° 19' 09"	13:42	+49° 15' 21"	20:25	283° 27' 40"	06:40	19:12	16:13	05:04
28-03-2010	08:00	75° 56' 04"	14:45	+50° 08' 55"	21:32	284° 50' 18"	07:38	20:13	18:37	06:26
29-03-2010	07:58	74° 34' 41"	14:47	+51° 01' 06"	21:39	286° 11' 02"	07:36	20:15	20:00	06:47
30-03-2010	07:57	73° 15' 21"	14:50	+51° 51' 42"	21:46	287° 29' 28"	07:34	20:16	21:23	07:09
31-03-2010	07:55	71° 58' 25"	14:52	+52° 40' 28"	21:52	288° 45' 15"	07:32	20:18	22:45	07:32



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Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
01-04-2010	07:53	70° 44' 14"	14:54	+53° 27' 12"	21:58	289° 58' 03"	07:30	20:19	---	08:00
02-04-2010	07:52	69° 33' 07"	14:56	+54° 11' 43"	22:03	291° 07' 33"	07:28	20:21	00:04	08:34
03-04-2010	07:50	68° 25' 23"	14:58	+54° 53' 49"	22:08	292° 13' 27"	07:26	20:22	01:16	09:16
04-04-2010	07:48	67° 21' 18"	14:59	+55° 33' 22"	22:13	293° 15' 28"	07:24	20:24	02:18	10:07
05-04-2010	07:45	66° 21' 09"	15:00	+56° 10' 13"	22:17	294° 13' 23"	07:22	20:25	03:08	11:06
06-04-2010	07:43	65° 25' 10"	15:01	+56° 44' 15"	22:20	295° 06' 57"	07:20	20:27	03:48	12:09
07-04-2010	07:41	64° 33' 32"	15:01	+57° 15' 24"	22:23	295° 55' 58"	07:18	20:28	04:19	13:16
08-04-2010	07:39	63° 46' 28"	15:01	+57° 43' 33"	22:26	296° 40' 18"	07:16	20:30	04:44	14:22
09-04-2010	07:36	63° 04' 06"	15:01	+58° 08' 39"	22:27	297° 19' 46"	07:13	20:31	05:04	15:28
10-04-2010	07:33	62° 26' 38"	15:00	+58° 30' 39"	22:29	297° 54' 14"	07:11	20:33	05:22	16:34
11-04-2010	07:31	61° 54' 08"	14:59	+58° 49' 30"	22:29	298° 23' 36"	07:09	20:34	05:39	17:40
12-04-2010	07:28	61° 26' 46"	14:58	+59° 05' 10"	22:29	298° 47' 46"	07:07	20:35	05:55	18:47
13-04-2010	07:25	61° 04' 36"	14:56	+59° 17' 37"	22:28	299° 06' 39"	07:05	20:37	06:12	19:55
14-04-2010	07:22	60° 47' 43"	14:54	+59° 26' 50"	22:26	299° 20' 12"	07:03	20:38	06:32	21:06
15-04-2010	07:19	60° 36' 09"	14:51	+59° 32' 48"	22:24	299° 28' 22"	07:01	20:40	06:55	22:18
16-04-2010	07:15	60° 29' 58"	14:48	+59° 35' 31"	22:21	299° 31' 11"	07:00	20:41	07:23	23:30
17-04-2010	07:12	60° 29' 08"	14:45	+59° 35' 00"	22:17	299° 28' 26"	06:58	20:43	08:00	---
18-04-2010	07:09	60° 33' 38"	14:41	+59° 31' 17"	22:13	299° 20' 50"	06:56	20:44	08:47	00:39
19-04-2010	07:05	60° 43' 23"	14:37	+59° 24' 25"	22:08	299° 07' 52"	06:54	20:46	09:46	01:39
20-04-2010	07:02	60° 58' 15"	14:32	+59° 14' 28"	22:02	298° 49' 54"	06:52	20:47	10:56	02:29
21-04-2010	06:58	61° 18' 03"	14:28	+59° 01' 33"	21:56	298° 27' 09"	06:50	20:49	12:13	03:09
22-04-2010	06:54	61° 41' 57"	14:22	+58° 45' 49"	21:50	297° 59' 55"	06:48	20:50	13:33	03:41
23-04-2010	06:51	62° 10' 55"	14:17	+58° 27' 26"	21:42	297° 28' 32"	06:46	20:52	14:54	04:06
24-04-2010	06:47	62° 43' 54"	14:12	+58° 06' 36"	21:35	296° 53' 25"	06:44	20:53	16:15	04:29
25-04-2010	06:43	63° 20' 26"	14:06	+57° 43' 36"	21:27	296° 15' 01"	06:42	20:55	17:36	04:50
26-04-2010	06:39	64° 00' 04"	14:00	+57° 18' 43"	21:19	295° 33' 53"	06:41	20:56	18:57	05:10
27-04-2010	06:36	64° 42' 13"	13:54	+56° 52' 17"	21:10	294° 50' 35"	06:39	20:58	20:18	05:33
28-04-2010	06:32	65° 26' 19"	13:48	+56° 24' 39"	21:02	294° 05' 41"	06:37	20:59	21:38	05:58
29-04-2010	06:28	66° 12' 25"	13:41	+55° 56' 12"	20:53	293° 19' 51"	06:35	21:01	22:53	06:29
30-04-2010	06:25	66° 58' 37"	13:35	+55° 27' 20"	20:45	292° 33' 42"	06:34	21:02	---	07:08



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	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
01-05-2010	06:21	67° 44' 53"	13:29	+54° 58' 26"	20:36	291° 47' 50"	06:32	21:04	00:01	07:56
02-05-2010	06:18	68° 30' 37"	13:23	+54° 29' 53"	20:28	291° 02' 51"	06:30	21:05	00:58	08:52
03-05-2010	06:14	69° 15' 13"	13:18	+54° 02' 04"	20:20	290° 19' 18"	06:29	21:06	01:43	09:55
04-05-2010	06:11	69° 58' 09"	13:12	+53° 35' 18"	20:12	289° 37' 42"	06:27	21:08	02:18	11:02
05-05-2010	06:07	70° 38' 56"	13:06	+53° 09' 55"	20:04	288° 58' 29"	06:25	21:09	02:45	12:09
06-05-2010	06:04	71° 17' 08"	13:01	+52° 46' 11"	19:57	288° 22' 04"	06:24	21:11	03:07	13:15
07-05-2010	06:01	71° 52' 22"	12:56	+52° 24' 19"	19:51	287° 48' 44"	06:22	21:12	03:26	14:21
08-05-2010	05:58	72° 24' 23"	12:52	+52° 04' 32"	19:45	287° 18' 47"	06:21	21:14	03:43	15:26
09-05-2010	05:55	72° 52' 54"	12:47	+51° 46' 58"	19:39	286° 52' 23"	06:19	21:15	04:00	16:32
10-05-2010	05:52	73° 17' 46"	12:43	+51° 31' 44"	19:33	286° 29' 42"	06:18	21:16	04:17	17:40
11-05-2010	05:49	73° 38' 52"	12:39	+51° 18' 55"	19:29	286° 10' 49"	06:16	21:18	04:35	18:50
12-05-2010	05:46	73° 56' 07"	12:35	+51° 08' 33"	19:24	285° 55' 29"	06:15	21:19	04:57	20:02
13-05-2010	05:43	74° 09' 30"	12:32	+51° 00' 40"	19:20	285° 44' 36"	06:13	21:21	05:23	21:15
14-05-2010	05:40	74° 19' 02"	12:29	+50° 55' 15"	19:17	285° 37' 16"	06:12	21:22	05:57	22:26
15-05-2010	05:38	74° 24' 44"	12:26	+50° 52' 16"	19:14	285° 33' 41"	06:11	21:23	06:42	23:31
16-05-2010	05:35	74° 26' 42"	12:23	+50° 51' 41"	19:11	285° 33' 49"	06:09	21:25	07:38	---
17-05-2010	05:33	74° 25' 00"	12:21	+50° 53' 25"	19:09	285° 37' 33"	06:08	21:26	08:46	00:25
18-05-2010	05:30	74° 19' 45"	12:19	+50° 57' 26"	19:08	285° 44' 48"	06:07	21:27	10:03	01:09
19-05-2010	05:28	74° 11' 03"	12:17	+51° 03' 39"	19:06	285° 55' 25"	06:06	21:28	11:23	01:43
20-05-2010	05:25	73° 59' 01"	12:15	+51° 11' 58"	19:06	286° 09' 17"	06:04	21:30	12:43	02:10
21-05-2010	05:23	73° 43' 48"	12:14	+51° 22' 18"	19:05	286° 26' 17"	06:03	21:31	14:03	02:34
22-05-2010	05:21	73° 25' 32"	12:13	+51° 34' 34"	19:05	286° 46' 17"	06:02	21:32	15:22	02:54
23-05-2010	05:19	73° 04' 20"	12:12	+51° 48' 41"	19:05	287° 09' 09"	06:01	21:33	16:40	03:15
24-05-2010	05:17	72° 40' 20"	12:11	+52° 04' 32"	19:06	287° 34' 45"	06:00	21:35	17:59	03:36
25-05-2010	05:15	72° 13' 41"	12:10	+52° 22' 03"	19:07	288° 02' 56"	05:59	21:36	19:18	03:59
26-05-2010	05:13	71° 44' 30"	12:10	+52° 41' 08"	19:08	288° 33' 36"	05:58	21:37	20:34	04:28
27-05-2010	05:11	71° 12' 56"	12:10	+53° 01' 40"	19:10	289° 06' 35"	05:57	21:38	21:44	05:02
28-05-2010	05:09	70° 39' 06"	12:10	+53° 23' 36"	19:12	289° 41' 47"	05:56	21:39	22:46	05:46
29-05-2010	05:08	70° 03' 08"	12:10	+53° 46' 48"	19:14	290° 19' 03"	05:56	21:40	23:36	06:39
30-05-2010	05:06	69° 25' 09"	12:11	+54° 11' 12"	19:17	290° 58' 15"	05:55	21:41	---	07:40



## Lever/Coucher

### Date/position

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

### Objet

Planète:  
Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
31-05-2010	05:05	68° 45' 19"	12:12	+54° 36' 41"	19:20	291° 39' 17"	05:54	21:42	00:15	08:46
01-06-2010	05:03	68° 03' 43"	12:13	+55° 03' 11"	19:23	292° 21' 59"	05:53	21:43	00:45	09:54
02-06-2010	05:02	67° 20' 31"	12:14	+55° 30' 35"	19:27	293° 06' 15"	05:53	21:44	01:10	11:01
03-06-2010	05:01	66° 35' 50"	12:15	+55° 58' 48"	19:31	293° 51' 55"	05:52	21:45	01:30	12:07
04-06-2010	05:00	65° 49' 49"	12:16	+56° 27' 44"	19:35	294° 38' 51"	05:51	21:46	01:48	13:12
05-06-2010	04:59	65° 02' 35"	12:18	+56° 57' 16"	19:39	295° 26' 55"	05:51	21:47	02:04	14:17
06-06-2010	04:58	64° 14' 18"	12:20	+57° 27' 18"	19:44	296° 15' 57"	05:50	21:48	02:21	15:23
07-06-2010	04:57	63° 25' 08"	12:22	+57° 57' 44"	19:49	297° 05' 48"	05:50	21:48	02:38	16:31
08-06-2010	04:57	62° 35' 14"	12:25	+58° 28' 26"	19:54	297° 56' 16"	05:50	21:49	02:58	17:42
09-06-2010	04:57	61° 44' 46"	12:27	+58° 59' 17"	19:59	298° 47' 10"	05:49	21:50	03:22	18:54
10-06-2010	04:57	60° 53' 57"	12:30	+59° 30' 10"	20:05	299° 38' 19"	05:49	21:51	03:53	20:07
11-06-2010	04:57	60° 02' 59"	12:33	+60° 00' 56"	20:11	300° 29' 28"	05:49	21:51	04:33	21:16
12-06-2010	04:57	59° 12' 06"	12:36	+60° 31' 26"	20:17	301° 20' 23"	05:48	21:52	05:25	22:16
13-06-2010	04:57	58° 21' 32"	12:39	+61° 01' 30"	20:23	302° 10' 48"	05:48	21:52	06:30	23:05
14-06-2010	04:58	57° 31' 34"	12:43	+61° 31' 00"	20:30	303° 00' 25"	05:48	21:53	07:46	23:43
15-06-2010	04:59	56° 42' 30"	12:47	+61° 59' 43"	20:37	303° 48' 56"	05:48	21:53	09:07	---
16-06-2010	05:00	55° 54' 37"	12:51	+62° 27' 30"	20:44	304° 36' 01"	05:48	21:54	10:30	00:14
17-06-2010	05:02	55° 08' 18"	12:55	+62° 54' 08"	20:51	305° 21' 18"	05:48	21:54	11:51	00:38
18-06-2010	05:04	54° 23' 52"	13:00	+63° 19' 26"	20:58	306° 04' 24"	05:48	21:55	13:11	01:00
19-06-2010	05:06	53° 41' 44"	13:05	+63° 43' 11"	21:05	306° 44' 56"	05:48	21:55	14:30	01:20
20-06-2010	05:08	53° 02' 16"	13:10	+64° 05' 11"	21:12	307° 22' 31"	05:48	21:55	15:48	01:41
21-06-2010	05:11	52° 25' 53"	13:15	+64° 25' 14"	21:20	307° 56' 43"	05:48	21:55	17:05	02:04
22-06-2010	05:15	51° 52' 56"	13:20	+64° 43' 09"	21:27	308° 27' 11"	05:49	21:56	18:21	02:30
23-06-2010	05:18	51° 23' 50"	13:25	+64° 58' 46"	21:34	308° 53' 34"	05:49	21:56	19:32	03:01
24-06-2010	05:22	50° 58' 54"	13:31	+65° 11' 54"	21:41	309° 15' 31"	05:49	21:56	20:36	03:41
25-06-2010	05:26	50° 38' 28"	13:37	+65° 22' 25"	21:47	309° 32' 47"	05:50	21:56	21:30	04:30
26-06-2010	05:31	50° 22' 45"	13:42	+65° 30' 14"	21:54	309° 45' 08"	05:50	21:56	22:12	05:28
27-06-2010	05:36	50° 11' 59"	13:48	+65° 35' 16"	22:00	309° 52' 28"	05:50	21:56	22:46	06:32
28-06-2010	05:42	50° 06' 17"	13:54	+65° 37' 27"	22:06	309° 54' 40"	05:51	21:56	23:13	07:39
29-06-2010	05:47	50° 05' 43"	13:59	+65° 36' 48"	22:11	309° 51' 44"	05:51	21:56	23:34	08:47



## Lever/Coucher

### Date/position

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

### Objet

Planète:  
 Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
30-06-2010	05:53	50° 10' 15"	14:05	+65° 33' 20"	22:16	309° 43' 45"	05:52	21:55	23:53	09:54
01-07-2010	05:59	50° 19' 49"	14:10	+65° 27' 04"	22:21	309° 30' 50"	05:53	21:55	---	10:59
02-07-2010	06:06	50° 34' 17"	14:16	+65° 18' 07"	22:25	309° 13' 11"	05:53	21:55	00:10	12:04
03-07-2010	06:12	50° 53' 27"	14:21	+65° 06' 33"	22:29	308° 50' 59"	05:54	21:55	00:26	13:09
04-07-2010	06:19	51° 17' 05"	14:26	+64° 52' 30"	22:33	308° 24' 32"	05:55	21:54	00:43	14:15
05-07-2010	06:26	51° 44' 56"	14:31	+64° 36' 05"	22:36	307° 54' 06"	05:55	21:54	01:01	15:23
06-07-2010	06:32	52° 16' 41"	14:36	+64° 17' 25"	22:39	307° 19' 58"	05:56	21:53	01:23	16:34
07-07-2010	06:39	52° 52' 04"	14:41	+63° 56' 40"	22:41	306° 42' 27"	05:57	21:53	01:49	17:45
08-07-2010	06:46	53° 30' 46"	14:46	+63° 33' 59"	22:43	306° 01' 51"	05:58	21:52	02:24	18:56
09-07-2010	06:53	54° 12' 29"	14:50	+63° 09' 28"	22:45	305° 18' 28"	05:59	21:52	03:10	20:00
10-07-2010	07:00	54° 56' 55"	14:54	+62° 43' 18"	22:46	304° 32' 34"	06:00	21:51	04:08	20:55
11-07-2010	07:07	55° 43' 47"	14:58	+62° 15' 37"	22:48	303° 44' 26"	06:00	21:50	05:20	21:38
12-07-2010	07:13	56° 32' 49"	15:02	+61° 46' 32"	22:48	302° 54' 20"	06:01	21:50	06:42	22:13
13-07-2010	07:20	57° 23' 46"	15:05	+61° 16' 12"	22:49	302° 02' 29"	06:02	21:49	08:07	22:41
14-07-2010	07:26	58° 16' 24"	15:09	+60° 44' 43"	22:49	301° 09' 08"	06:03	21:48	09:32	23:04
15-07-2010	07:33	59° 10' 28"	15:12	+60° 12' 13"	22:49	300° 14' 29"	06:04	21:47	10:55	23:26
16-07-2010	07:39	60° 05' 47"	15:15	+59° 38' 49"	22:49	299° 18' 44"	06:06	21:46	12:16	23:47
17-07-2010	07:45	61° 02' 09"	15:18	+59° 04' 37"	22:49	298° 22' 02"	06:07	21:45	13:36	---
18-07-2010	07:51	61° 59' 24"	15:20	+58° 29' 44"	22:48	297° 24' 35"	06:08	21:44	14:54	00:09
19-07-2010	07:57	62° 57' 21"	15:23	+57° 54' 14"	22:47	296° 26' 32"	06:09	21:43	16:11	00:34
20-07-2010	08:02	63° 55' 52"	15:25	+57° 18' 14"	22:46	295° 28' 01"	06:10	21:42	17:24	01:04
21-07-2010	08:08	64° 54' 48"	15:27	+56° 41' 48"	22:45	294° 29' 09"	06:11	21:41	18:29	01:40
22-07-2010	08:13	65° 54' 01"	15:29	+56° 05' 03"	22:44	293° 30' 05"	06:12	21:40	19:26	02:26
23-07-2010	08:18	66° 53' 24"	15:31	+55° 28' 02"	22:42	292° 30' 56"	06:14	21:39	20:12	03:20
24-07-2010	08:23	67° 52' 50"	15:33	+54° 50' 51"	22:41	291° 31' 47"	06:15	21:38	20:48	04:22
25-07-2010	08:27	68° 52' 12"	15:34	+54° 13' 34"	22:39	290° 32' 46"	06:16	21:37	21:16	05:28
26-07-2010	08:32	69° 51' 24"	15:35	+53° 36' 15"	22:37	289° 33' 58"	06:17	21:35	21:39	06:35
27-07-2010	08:36	70° 50' 20"	15:37	+52° 58' 59"	22:35	288° 35' 29"	06:18	21:34	21:59	07:42
28-07-2010	08:40	71° 48' 54"	15:38	+52° 21' 50"	22:33	287° 37' 26"	06:20	21:33	22:16	08:48
29-07-2010	08:44	72° 47' 00"	15:38	+51° 44' 52"	22:31	286° 39' 53"	06:21	21:31	22:33	09:53



## Lever/Coucher

### Date/position

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

### Objet

Planète:  
Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
30-07-2010	08:48	73° 44' 33"	15:39	+51° 08' 10"	22:29	285° 42' 56"	06:22	21:30	22:49	10:58
31-07-2010	08:51	74° 41' 27"	15:40	+50° 31' 47"	22:26	284° 46' 41"	06:24	21:29	23:07	12:03
01-08-2010	08:55	75° 37' 35"	15:40	+49° 55' 48"	22:23	283° 51' 13"	06:25	21:27	23:26	13:09
02-08-2010	08:58	76° 32' 54"	15:40	+49° 20' 18"	22:21	282° 56' 39"	06:26	21:26	23:50	14:17
03-08-2010	09:01	77° 27' 15"	15:40	+48° 45' 21"	22:18	282° 03' 04"	06:28	21:24	---	15:27
04-08-2010	09:03	78° 20' 34"	15:40	+48° 11' 01"	22:15	281° 10' 35"	06:29	21:23	00:20	16:36
05-08-2010	09:05	79° 12' 43"	15:40	+47° 37' 23"	22:12	280° 19' 19"	06:30	21:21	01:00	17:42
06-08-2010	09:08	80° 03' 35"	15:39	+47° 04' 32"	22:09	279° 29' 21"	06:32	21:19	01:51	18:40
07-08-2010	09:09	80° 53' 05"	15:38	+46° 32' 35"	22:06	278° 40' 51"	06:33	21:18	02:55	19:29
08-08-2010	09:11	81° 41' 03"	15:37	+46° 01' 35"	22:02	277° 53' 54"	06:34	21:16	04:11	20:08
09-08-2010	09:12	82° 27' 21"	15:36	+45° 31' 39"	21:59	277° 08' 41"	06:36	21:15	05:35	20:39
10-08-2010	09:13	83° 11' 52"	15:35	+45° 02' 53"	21:55	276° 25' 20"	06:37	21:13	07:01	21:05
11-08-2010	09:14	83° 54' 25"	15:33	+44° 35' 25"	21:52	275° 44' 01"	06:39	21:11	08:27	21:28
12-08-2010	09:14	84° 34' 50"	15:32	+44° 09' 20"	21:48	275° 05' 15"	06:40	21:09	09:52	21:50
13-08-2010	09:14	85° 12' 57"	15:30	+43° 44' 47"	21:44	274° 28' 13"	06:41	21:08	11:16	22:13
14-08-2010	09:14	85° 48' 33"	15:28	+43° 21' 53"	21:40	273° 53' 45"	06:43	21:06	12:37	22:38
15-08-2010	09:13	86° 21' 28"	15:25	+43° 00' 47"	21:36	273° 22' 06"	06:44	21:04	13:57	23:06
16-08-2010	09:12	86° 51' 26"	15:22	+42° 41' 37"	21:32	272° 54' 21"	06:46	21:02	15:13	23:41
17-08-2010	09:11	87° 18' 16"	15:19	+42° 24' 34"	21:28	272° 29' 17"	06:47	21:01	16:22	---
18-08-2010	09:09	87° 41' 42"	15:16	+42° 09' 47"	21:23	272° 07' 43"	06:48	20:59	17:21	00:24
19-08-2010	09:06	88° 01' 28"	15:12	+41° 57' 25"	21:19	271° 49' 56"	06:50	20:57	18:10	01:16
20-08-2010	09:03	88° 17' 21"	15:09	+41° 47' 40"	21:14	271° 36' 09"	06:51	20:55	18:49	02:15
21-08-2010	08:59	88° 28' 27"	15:05	+41° 40' 41"	21:09	271° 26' 39"	06:53	20:53	19:20	03:19
22-08-2010	08:55	88° 36' 22"	15:00	+41° 36' 39"	21:04	271° 21' 41"	06:54	20:51	19:45	04:26
23-08-2010	08:51	88° 39' 01"	14:55	+41° 35' 43"	20:59	271° 21' 29"	06:56	20:49	20:05	05:33
24-08-2010	08:45	88° 36' 48"	14:50	+41° 38' 00"	20:54	271° 26' 15"	06:57	20:47	20:23	06:39
25-08-2010	08:40	88° 29' 31"	14:44	+41° 43' 39"	20:49	271° 36' 10"	06:58	20:45	20:40	07:44
26-08-2010	08:33	88° 17' 03"	14:38	+41° 52' 43"	20:44	271° 51' 19"	07:00	20:43	20:57	08:49
27-08-2010	08:26	87° 59' 19"	14:32	+42° 05' 16"	20:39	272° 11' 45"	07:01	20:41	21:14	09:53
28-08-2010	08:19	87° 36' 21"	14:26	+42° 21' 15"	20:34	272° 37' 25"	07:03	20:39	21:33	10:59



## Lever/Coucher

### Date/position

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

### Objet

Planète:  
 Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
29-08-2010	08:11	87° 08' 13"	14:19	+42° 40' 36"	20:28	273° 08' 10"	07:04	20:37	21:55	12:06
30-08-2010	08:02	86° 35' 10"	14:12	+43° 03' 09"	20:23	273° 43' 44"	07:05	20:35	22:22	13:14
31-08-2010	07:54	85° 57' 30"	14:05	+43° 28' 39"	20:18	274° 23' 43"	07:07	20:33	22:57	14:22
01-09-2010	07:44	85° 15' 42"	13:58	+43° 56' 47"	20:13	275° 07' 35"	07:08	20:31	23:42	15:28
02-09-2010	07:35	84° 30' 21"	13:51	+44° 27' 07"	20:08	275° 54' 41"	07:10	20:29	---	16:28
03-09-2010	07:25	83° 42' 08"	13:44	+44° 59' 10"	20:04	276° 44' 16"	07:11	20:27	00:38	17:19
04-09-2010	07:16	82° 51' 52"	13:37	+45° 32' 24"	19:59	277° 35' 27"	07:12	20:25	01:47	18:01
05-09-2010	07:06	82° 00' 26"	13:30	+46° 06' 12"	19:55	278° 27' 03"	07:14	20:23	03:05	18:35
06-09-2010	06:57	81° 08' 45"	13:23	+46° 39' 57"	19:51	279° 19' 21"	07:15	20:21	04:28	19:04
07-09-2010	06:48	80° 17' 47"	13:17	+47° 13' 02"	19:47	280° 09' 19"	07:17	20:19	05:54	19:28
08-09-2010	06:39	79° 28' 27"	13:11	+47° 44' 49"	19:44	280° 57' 31"	07:18	20:17	07:20	19:51
09-09-2010	06:31	78° 41' 41"	13:05	+48° 14' 43"	19:41	281° 42' 41"	07:20	20:15	08:45	20:14
10-09-2010	06:24	77° 58' 19"	13:00	+48° 42' 13"	19:38	282° 23' 58"	07:21	20:12	10:10	20:39
11-09-2010	06:17	77° 19' 06"	12:56	+49° 06' 51"	19:36	283° 00' 41"	07:22	20:10	11:33	21:07
12-09-2010	06:11	76° 44' 42"	12:52	+49° 28' 12"	19:33	283° 32' 14"	07:24	20:08	12:54	21:40
13-09-2010	06:06	76° 15' 41"	12:48	+49° 45' 56"	19:31	283° 58' 04"	07:25	20:06	14:08	22:21
14-09-2010	06:02	75° 52' 23"	12:45	+49° 59' 49"	19:30	284° 17' 51"	07:27	20:04	15:13	23:11
15-09-2010	05:58	75° 35' 30"	12:43	+50° 09' 38"	19:28	284° 31' 16"	07:28	20:02	16:06	---
16-09-2010	05:56	75° 24' 56"	12:41	+50° 15' 16"	19:27	284° 38' 08"	07:29	20:00	16:49	00:09
17-09-2010	05:54	75° 20' 56"	12:40	+50° 16' 38"	19:26	284° 38' 25"	07:31	19:58	17:22	01:12
18-09-2010	05:53	75° 23' 31"	12:39	+50° 13' 46"	19:25	284° 32' 07"	07:32	19:55	17:49	02:18
19-09-2010	05:54	75° 32' 39"	12:39	+50° 06' 42"	19:24	284° 19' 21"	07:34	19:53	18:11	03:24
20-09-2010	05:54	75° 48' 12"	12:39	+49° 55' 31"	19:23	284° 00' 19"	07:35	19:51	18:30	04:30
21-09-2010	05:56	76° 09' 56"	12:40	+49° 40' 24"	19:23	283° 35' 16"	07:37	19:49	18:47	05:35
22-09-2010	05:58	76° 37' 34"	12:41	+49° 21' 31"	19:22	283° 04' 32"	07:38	19:47	19:04	06:40
23-09-2010	06:01	77° 10' 46"	12:42	+48° 59' 05"	19:22	282° 28' 30"	07:39	19:45	19:21	07:45
24-09-2010	06:05	77° 49' 08"	12:43	+48° 33' 21"	19:21	281° 47' 33"	07:41	19:43	19:40	08:50
25-09-2010	06:08	78° 32' 15"	12:45	+48° 04' 35"	19:21	281° 02' 08"	07:42	19:41	20:01	09:57
26-09-2010	06:13	79° 19' 41"	12:47	+47° 33' 03"	19:20	280° 12' 42"	07:44	19:38	20:27	11:05
27-09-2010	06:17	80° 10' 59"	12:49	+46° 59' 03"	19:20	279° 19' 40"	07:45	19:36	20:59	12:13



## Lever/Coucher

### Date/position

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

### Objet

Planète:  
Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
28-09-2010	06:22	81° 05' 42"	12:51	+46° 22' 51"	19:19	278° 23' 30"	07:47	19:34	21:40	13:19
29-09-2010	06:28	82° 03' 25"	12:54	+45° 44' 43"	19:18	277° 24' 35"	07:48	19:32	22:31	14:19
30-09-2010	06:33	83° 03' 43"	12:56	+45° 04' 56"	19:18	276° 23' 20"	07:50	19:30	23:34	15:12
01-10-2010	06:39	84° 06' 13"	12:59	+44° 23' 44"	19:17	275° 20' 06"	07:51	19:28	---	15:57
02-10-2010	06:45	85° 10' 33"	13:01	+43° 41' 20"	19:16	274° 15' 14"	07:52	19:26	00:46	16:33
03-10-2010	06:50	86° 16' 24"	13:04	+42° 57' 58"	19:16	273° 09' 01"	07:54	19:24	02:04	17:02
04-10-2010	06:56	87° 23' 27"	13:06	+42° 13' 49"	19:15	272° 01' 45"	07:55	19:22	03:26	17:28
05-10-2010	07:02	88° 31' 28"	13:09	+41° 29' 04"	19:14	270° 53' 40"	07:57	19:20	04:49	17:51
06-10-2010	07:08	89° 40' 12"	13:12	+40° 43' 52"	19:13	269° 45' 00"	07:58	19:17	06:13	18:14
07-10-2010	07:14	90° 49' 26"	13:14	+39° 58' 23"	19:12	268° 35' 55"	08:00	19:15	07:37	18:37
08-10-2010	07:20	91° 58' 58"	13:17	+39° 12' 43"	19:11	267° 26' 37"	08:01	19:13	09:02	19:04
09-10-2010	07:26	93° 08' 40"	13:19	+38° 26' 59"	19:10	266° 17' 13"	08:03	19:11	10:25	19:36
10-10-2010	07:32	94° 18' 23"	13:21	+37° 41' 18"	19:09	265° 07' 53"	08:04	19:09	11:45	20:15
11-10-2010	07:38	95° 27' 59"	13:24	+36° 55' 44"	19:08	263° 58' 43"	08:06	19:07	12:56	21:02
12-10-2010	07:44	96° 37' 21"	13:26	+36° 10' 24"	19:07	262° 49' 49"	08:07	19:05	13:56	21:58
13-10-2010	07:50	97° 46' 25"	13:29	+35° 25' 20"	19:06	261° 41' 17"	08:09	19:03	14:44	23:01
14-10-2010	07:56	98° 55' 04"	13:31	+34° 40' 36"	19:05	260° 33' 10"	08:10	19:01	15:22	---
15-10-2010	08:02	100° 03' 14"	13:33	+33° 56' 17"	19:03	259° 25' 34"	08:12	18:59	15:51	00:07
16-10-2010	08:08	101° 10' 52"	13:36	+33° 12' 24"	19:02	258° 18' 31"	08:13	18:57	16:15	01:14
17-10-2010	08:13	102° 17' 54"	13:38	+32° 29' 01"	19:01	257° 12' 06"	08:15	18:55	16:35	02:20
18-10-2010	08:19	103° 24' 16"	13:40	+31° 46' 10"	19:00	256° 06' 21"	08:16	18:53	16:53	03:26
19-10-2010	08:25	104° 29' 56"	13:42	+31° 03' 53"	18:59	255° 01' 18"	08:18	18:52	17:10	04:30
20-10-2010	08:30	105° 34' 52"	13:45	+30° 22' 12"	18:58	253° 57' 01"	08:20	18:50	17:27	05:35
21-10-2010	08:36	106° 39' 00"	13:47	+29° 41' 09"	18:57	252° 53' 31"	08:21	18:48	17:46	06:40
22-10-2010	08:41	107° 42' 19"	13:49	+29° 00' 46"	18:56	251° 50' 51"	08:23	18:46	18:07	07:47
23-10-2010	08:47	108° 44' 46"	13:51	+28° 21' 04"	18:55	250° 49' 03"	08:24	18:44	18:31	08:55
24-10-2010	08:52	109° 46' 20"	13:53	+27° 42' 04"	18:53	249° 48' 09"	08:26	18:42	19:02	10:03
25-10-2010	08:58	110° 46' 57"	13:56	+27° 03' 49"	18:52	248° 48' 11"	08:27	18:40	19:40	11:10
26-10-2010	09:03	111° 46' 37"	13:58	+26° 26' 20"	18:52	247° 49' 11"	08:29	18:39	20:29	12:13
27-10-2010	09:08	112° 45' 18"	14:00	+25° 49' 37"	18:51	246° 51' 11"	08:31	18:37	21:28	13:08



## Lever/Coucher

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### Objet

Planète:  
Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
28-10-2010	09:14	113° 42' 56"	14:02	+25° 13' 43"	18:50	245° 54' 13"	08:32	18:35	22:36	13:55
29-10-2010	09:19	114° 39' 30"	14:04	+24° 38' 38"	18:49	244° 58' 19"	08:34	18:33	23:51	14:33
30-10-2010	09:24	115° 34' 58"	14:07	+24° 04' 23"	18:48	244° 03' 31"	08:35	18:32	---	15:03
31-10-2010	08:29	116° 29' 18"	13:09	+23° 31' 01"	17:47	243° 09' 52"	07:37	17:30	01:09	14:29
01-11-2010	08:34	117° 22' 27"	13:11	+22° 58' 31"	17:47	242° 17' 24"	07:39	17:28	01:28	14:53
02-11-2010	08:39	118° 14' 22"	13:13	+22° 26' 56"	17:46	241° 26' 09"	07:40	17:27	02:49	15:15
03-11-2010	08:45	119° 05' 02"	13:15	+21° 56' 16"	17:45	240° 36' 10"	07:42	17:25	04:10	15:37
04-11-2010	08:50	119° 54' 24"	13:18	+21° 26' 33"	17:45	239° 47' 30"	07:43	17:24	05:32	16:02
05-11-2010	08:54	120° 42' 24"	13:20	+20° 57' 49"	17:44	239° 00' 11"	07:45	17:22	06:55	16:31
06-11-2010	08:59	121° 29' 00"	13:22	+20° 30' 04"	17:44	238° 14' 17"	07:47	17:20	08:16	17:06
07-11-2010	09:04	122° 14' 08"	13:24	+20° 03' 19"	17:44	237° 29' 50"	07:48	17:19	09:32	17:50
08-11-2010	09:09	122° 57' 46"	13:27	+19° 37' 37"	17:44	236° 46' 54"	07:50	17:18	10:39	18:43
09-11-2010	09:14	123° 39' 51"	13:29	+19° 12' 58"	17:43	236° 05' 33"	07:51	17:16	11:34	19:45
10-11-2010	09:18	124° 20' 18"	13:31	+18° 49' 25"	17:43	235° 25' 49"	07:53	17:15	12:17	20:51
11-11-2010	09:23	124° 59' 04"	13:34	+18° 26' 57"	17:43	234° 47' 46"	07:54	17:13	12:50	22:00
12-11-2010	09:27	125° 36' 05"	13:36	+18° 05' 37"	17:44	234° 11' 28"	07:56	17:12	13:16	23:07
13-11-2010	09:32	126° 11' 18"	13:38	+17° 45' 27"	17:44	233° 37' 00"	07:58	17:11	13:38	---
14-11-2010	09:36	126° 44' 39"	13:40	+17° 26' 26"	17:44	233° 04' 23"	07:59	17:09	13:57	00:13
15-11-2010	09:40	127° 16' 04"	13:43	+17° 08' 38"	17:45	232° 33' 44"	08:01	17:08	14:15	01:18
16-11-2010	09:44	127° 45' 29"	13:45	+16° 52' 03"	17:45	232° 05' 04"	08:02	17:07	14:32	02:22
17-11-2010	09:48	128° 12' 49"	13:47	+16° 36' 44"	17:46	231° 38' 30"	08:04	17:06	14:50	03:27
18-11-2010	09:52	128° 38' 02"	13:50	+16° 22' 40"	17:47	231° 14' 04"	08:05	17:05	15:10	04:33
19-11-2010	09:56	129° 01' 03"	13:52	+16° 09' 54"	17:48	230° 51' 50"	08:07	17:04	15:33	05:40
20-11-2010	09:59	129° 21' 48"	13:54	+15° 58' 27"	17:48	230° 31' 52"	08:08	17:03	16:02	06:49
21-11-2010	10:02	129° 40' 14"	13:56	+15° 48' 21"	17:49	230° 14' 14"	08:10	17:02	16:38	07:58
22-11-2010	10:05	129° 56' 18"	13:58	+15° 39' 36"	17:51	229° 58' 59"	08:11	17:01	17:24	09:03
23-11-2010	10:08	130° 09' 57"	14:00	+15° 32' 13"	17:52	229° 46' 09"	08:13	17:00	18:21	10:03
24-11-2010	10:11	130° 21' 07"	14:02	+15° 26' 14"	17:53	229° 35' 48"	08:14	16:59	19:28	10:53
25-11-2010	10:13	130° 29' 46"	14:04	+15° 21' 39"	17:54	229° 27' 58"	08:16	16:58	20:42	11:33
26-11-2010	10:15	130° 35' 54"	14:06	+15° 18' 29"	17:56	229° 22' 40"	08:17	16:57	21:59	12:06



## Lever/Coucher

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### Objet

Planète:  
Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
27-11-2010	10:17	130° 39' 28"	14:07	+15° 16' 44"	17:57	229° 19' 56"	08:19	16:57	23:17	12:34
28-11-2010	10:19	130° 40' 28"	14:09	+15° 16' 24"	17:59	229° 19' 45"	08:20	16:56	---	12:57
29-11-2010	10:20	130° 38' 55"	14:10	+15° 17' 30"	18:00	229° 22' 08"	08:21	16:55	00:36	13:19
30-11-2010	10:21	130° 34' 49"	14:11	+15° 20' 00"	18:01	229° 27' 03"	08:23	16:55	01:54	13:41
01-12-2010	10:21	130° 28' 13"	14:12	+15° 23' 54"	18:02	229° 34' 27"	08:24	16:54	03:13	14:04
02-12-2010	10:21	130° 19' 08"	14:12	+15° 29' 10"	18:03	229° 44' 19"	08:25	16:54	04:33	14:30
03-12-2010	10:20	130° 07' 40"	14:12	+15° 35' 47"	18:04	229° 56' 33"	08:26	16:53	05:53	15:01
04-12-2010	10:19	129° 53' 53"	14:12	+15° 43' 41"	18:05	230° 11' 05"	08:28	16:53	07:10	15:40
05-12-2010	10:18	129° 37' 53"	14:11	+15° 52' 51"	18:05	230° 27' 49"	08:29	16:52	08:20	16:29
06-12-2010	10:16	129° 19' 46"	14:10	+16° 03' 13"	18:05	230° 46' 37"	08:30	16:52	09:21	17:27
07-12-2010	10:13	128° 59' 39"	14:08	+16° 14' 44"	18:04	231° 07' 23"	08:31	16:52	10:09	18:32
08-12-2010	10:09	128° 37' 42"	14:06	+16° 27' 19"	18:03	231° 29' 57"	08:32	16:52	10:47	19:41
09-12-2010	10:05	128° 14' 01"	14:03	+16° 40' 54"	18:02	231° 54' 12"	08:33	16:51	11:17	20:50
10-12-2010	10:00	127° 48' 46"	14:00	+16° 55' 26"	18:00	232° 20' 00"	08:34	16:51	11:41	21:58
11-12-2010	09:54	127° 22' 05"	13:55	+17° 10' 49"	17:57	232° 47' 11"	08:35	16:51	12:01	23:04
12-12-2010	09:47	126° 54' 05"	13:50	+17° 27' 01"	17:53	233° 15' 39"	08:36	16:51	12:19	---
13-12-2010	09:40	126° 24' 54"	13:44	+17° 43' 57"	17:49	233° 45' 15"	08:37	16:51	12:36	00:08
14-12-2010	09:31	125° 54' 41"	13:37	+18° 01' 32"	17:43	234° 15' 51"	08:38	16:51	12:54	01:13
15-12-2010	09:22	125° 23' 37"	13:30	+18° 19' 41"	17:38	234° 47' 14"	08:39	16:52	13:12	02:17
16-12-2010	09:12	124° 51' 53"	13:21	+18° 38' 15"	17:31	235° 19' 12"	08:40	16:52	13:34	03:23
17-12-2010	09:01	124° 19' 48"	13:12	+18° 57' 05"	17:24	235° 51' 24"	08:40	16:52	14:00	04:31
18-12-2010	08:50	123° 47' 45"	13:03	+19° 15' 55"	17:16	236° 23' 23"	08:41	16:52	14:33	05:40
19-12-2010	08:39	123° 16' 15"	12:53	+19° 34' 28"	17:08	236° 54' 39"	08:42	16:53	15:14	06:47
20-12-2010	08:27	122° 45' 53"	12:43	+19° 52' 20"	17:00	237° 24' 31"	08:42	16:53	16:07	07:50
21-12-2010	08:16	122° 17' 20"	12:34	+20° 09' 07"	16:52	237° 52' 19"	08:43	16:54	17:12	08:45
22-12-2010	08:05	121° 51' 17"	12:24	+20° 24' 23"	16:44	238° 17' 22"	08:43	16:54	18:25	09:31
23-12-2010	07:54	121° 28' 22"	12:15	+20° 37' 45"	16:37	238° 39' 03"	08:44	16:55	19:44	10:07
24-12-2010	07:45	121° 09' 07"	12:07	+20° 48' 53"	16:29	238° 56' 54"	08:44	16:55	21:05	10:37
25-12-2010	07:36	120° 53' 55"	11:59	+20° 57' 35"	16:22	239° 10' 36"	08:45	16:56	22:24	11:02
26-12-2010	07:28	120° 42' 57"	11:52	+21° 03' 43"	16:16	239° 20' 00"	08:45	16:57	23:44	11:25

**REDSHIFT™ 6**

**Lever/Coucher**

Date/position

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Objet

Planète:  
Mercure

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
27-12-2010	07:21	120° 36' 16"	11:46	+21° 07' 17"	16:10	239° 25' 08"	08:45	16:57	---	11:46
28-12-2010	07:15	120° 33' 45"	11:40	+21° 08' 22"	16:05	239° 26' 11"	08:45	16:58	01:02	12:09
29-12-2010	07:11	120° 35' 08"	11:35	+21° 07' 07"	16:00	239° 23' 25"	08:46	16:59	02:21	12:33
30-12-2010	07:07	120° 40' 07"	11:31	+21° 03' 44"	15:55	239° 16' 42"	08:46	17:00	03:39	13:02
31-12-2010	07:03	120° 48' 17"	11:27	+20° 58' 30"	15:51	239° 07' 59"	08:46	17:01	04:55	13:37