

REDSHIFT™ 6

Lever/Coucher

Date/position

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

Objet

Soleil

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
01-01-2010	08:46	125° 38' 40"	12:54	+18° 08' 39"	17:02	234° 24' 20"	08:46	17:02	18:07	09:16
02-01-2010	08:46	125° 29' 47"	12:54	+18° 13' 54"	17:03	234° 33' 30"	08:46	17:03	19:35	09:51
03-01-2010	08:46	125° 20' 07"	12:55	+18° 19' 36"	17:04	234° 43' 26"	08:46	17:04	21:01	10:19
04-01-2010	08:45	125° 09' 41"	12:55	+18° 25' 45"	17:05	234° 54' 08"	08:45	17:05	22:24	10:41
05-01-2010	08:45	124° 58' 30"	12:56	+18° 32' 22"	17:06	235° 05' 36"	08:45	17:06	23:44	11:01
06-01-2010	08:45	124° 46' 34"	12:56	+18° 39' 25"	17:07	235° 17' 49"	08:45	17:07	---	11:20
07-01-2010	08:45	124° 33' 53"	12:56	+18° 46' 55"	17:08	235° 30' 46"	08:45	17:08	01:02	11:40
08-01-2010	08:44	124° 20' 28"	12:57	+18° 54' 52"	17:10	235° 44' 26"	08:44	17:10	02:18	12:03
09-01-2010	08:44	124° 06' 21"	12:57	+19° 03' 15"	17:11	235° 58' 50"	08:44	17:11	03:33	12:29
10-01-2010	08:43	123° 51' 30"	12:58	+19° 12' 04"	17:12	236° 13' 57"	08:43	17:12	04:45	13:01
11-01-2010	08:43	123° 35' 58"	12:58	+19° 21' 18"	17:14	236° 29' 45"	08:43	17:14	05:51	13:42
12-01-2010	08:42	123° 19' 44"	12:58	+19° 30' 58"	17:15	236° 46' 15"	08:42	17:15	06:49	14:31
13-01-2010	08:42	123° 02' 50"	12:59	+19° 41' 03"	17:16	237° 03' 24"	08:42	17:16	07:37	15:29
14-01-2010	08:41	122° 45' 16"	12:59	+19° 51' 33"	17:18	237° 21' 14"	08:41	17:18	08:15	16:33
15-01-2010	08:40	122° 27' 03"	13:00	+20° 02' 28"	17:19	237° 39' 43"	08:40	17:19	08:45	17:39
16-01-2010	08:40	122° 08' 12"	13:00	+20° 13' 47"	17:21	237° 58' 50"	08:40	17:21	09:09	18:46
17-01-2010	08:39	121° 48' 43"	13:00	+20° 25' 30"	17:22	238° 18' 34"	08:39	17:22	09:29	19:53
18-01-2010	08:38	121° 28' 37"	13:01	+20° 37' 36"	17:23	238° 38' 55"	08:38	17:23	09:46	20:59
19-01-2010	08:37	121° 07' 56"	13:01	+20° 50' 05"	17:25	238° 59' 51"	08:37	17:25	10:02	22:04
20-01-2010	08:36	120° 46' 39"	13:01	+21° 02' 58"	17:26	239° 21' 23"	08:36	17:26	10:17	23:10
21-01-2010	08:35	120° 24' 48"	13:01	+21° 16' 13"	17:28	239° 43' 29"	08:35	17:28	10:34	---
22-01-2010	08:34	120° 02' 23"	13:02	+21° 29' 50"	17:30	240° 06' 09"	08:34	17:30	10:52	00:18
23-01-2010	08:33	119° 39' 25"	13:02	+21° 43' 49"	17:31	240° 29' 21"	08:33	17:31	11:14	01:29
24-01-2010	08:32	119° 15' 56"	13:02	+21° 58' 09"	17:33	240° 53' 05"	08:32	17:33	11:42	02:42
25-01-2010	08:31	118° 51' 55"	13:02	+22° 12' 50"	17:34	241° 17' 20"	08:31	17:34	12:19	03:56
26-01-2010	08:30	118° 27' 24"	13:03	+22° 27' 52"	17:36	241° 42' 05"	08:30	17:36	13:08	05:07
27-01-2010	08:29	118° 02' 23"	13:03	+22° 43' 14"	17:37	242° 07' 20"	08:29	17:37	14:13	06:11
28-01-2010	08:28	117° 36' 54"	13:03	+22° 58' 56"	17:39	242° 33' 03"	08:28	17:39	15:31	07:04
29-01-2010	08:26	117° 10' 56"	13:03	+23° 14' 58"	17:41	242° 59' 15"	08:26	17:41	16:58	07:45
30-01-2010	08:25	116° 44' 31"	13:03	+23° 31' 19"	17:42	243° 25' 54"	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	08:24	116° 17' 39"	13:04	+23° 47' 58"	17:44	243° 52' 59"	08:24	17:44	19:54	08:42
01-02-2010	08:22	115° 50' 21"	13:04	+24° 04' 56"	17:46	244° 20' 30"	08:22	17:46	21:19	09:04
02-02-2010	08:21	115° 22' 38"	13:04	+24° 22' 12"	17:47	244° 48' 27"	08:21	17:47	22:41	09:24
03-02-2010	08:20	114° 54' 31"	13:04	+24° 39' 46"	17:49	245° 16' 48"	08:20	17:49	---	09:44
04-02-2010	08:18	114° 25' 59"	13:04	+24° 57' 37"	17:51	245° 45' 32"	08:18	17:51	00:01	10:07
05-02-2010	08:17	113° 57' 04"	13:04	+25° 15' 45"	17:52	246° 14' 40"	08:17	17:52	01:19	10:32
06-02-2010	08:15	113° 27' 47"	13:04	+25° 34' 09"	17:54	246° 44' 10"	08:15	17:54	02:34	11:03
07-02-2010	08:14	112° 58' 08"	13:04	+25° 52' 49"	17:56	247° 14' 01"	08:14	17:56	03:43	11:41
08-02-2010	08:12	112° 28' 08"	13:04	+26° 11' 45"	17:57	247° 44' 14"	08:12	17:57	04:44	12:27
09-02-2010	08:10	111° 57' 48"	13:04	+26° 30' 56"	17:59	248° 14' 46"	08:10	17:59	05:35	13:23
10-02-2010	08:09	111° 27' 08"	13:04	+26° 50' 22"	18:01	248° 45' 38"	08:09	18:01	06:16	14:24
11-02-2010	08:07	110° 56' 09"	13:04	+27° 10' 02"	18:02	249° 16' 49"	08:07	18:02	06:49	15:30
12-02-2010	08:06	110° 24' 52"	13:04	+27° 29' 56"	18:04	249° 48' 18"	08:06	18:04	07:14	16:37
13-02-2010	08:04	109° 53' 18"	13:04	+27° 50' 04"	18:06	250° 20' 04"	08:04	18:06	07:35	17:43
14-02-2010	08:02	109° 21' 26"	13:04	+28° 10' 24"	18:07	250° 52' 06"	08:02	18:07	07:53	18:50
15-02-2010	08:00	108° 49' 19"	13:04	+28° 30' 57"	18:09	251° 24' 25"	08:00	18:09	08:10	19:55
16-02-2010	07:59	108° 16' 56"	13:04	+28° 51' 43"	18:11	251° 56' 59"	07:59	18:11	08:25	21:01
17-02-2010	07:57	107° 44' 18"	13:04	+29° 12' 40"	18:12	252° 29' 48"	07:57	18:12	08:41	22:09
18-02-2010	07:55	107° 11' 25"	13:04	+29° 33' 48"	18:14	253° 02' 51"	07:55	18:14	08:59	23:17
19-02-2010	07:53	106° 38' 19"	13:04	+29° 55' 07"	18:15	253° 36' 07"	07:53	18:15	09:19	---
20-02-2010	07:51	106° 05' 01"	13:04	+30° 16' 36"	18:17	254° 09' 36"	07:51	18:17	09:44	00:28
21-02-2010	07:50	105° 31' 29"	13:04	+30° 38' 16"	18:19	254° 43' 18"	07:50	18:19	10:17	01:40
22-02-2010	07:48	104° 57' 46"	13:04	+31° 00' 05"	18:20	255° 17' 11"	07:48	18:20	10:59	02:51
23-02-2010	07:46	104° 23' 52"	13:04	+31° 22' 03"	18:22	255° 51' 15"	07:46	18:22	11:55	03:56
24-02-2010	07:44	103° 49' 47"	13:03	+31° 44' 10"	18:24	256° 25' 30"	07:44	18:24	13:04	04:52
25-02-2010	07:42	103° 15' 31"	13:03	+32° 06' 25"	18:25	256° 59' 54"	07:42	18:25	14:24	05:36
26-02-2010	07:40	102° 41' 06"	13:03	+32° 28' 49"	18:27	257° 34' 29"	07:40	18:27	15:50	06:12
27-02-2010	07:38	102° 06' 32"	13:03	+32° 51' 19"	18:28	258° 09' 12"	07:38	18:28	17:18	06:40
28-02-2010	07:36	101° 31' 49"	13:03	+33° 13' 58"	18:30	258° 44' 04"	07:36	18:30	18:44	07:04
01-03-2010	07:34	100° 56' 58"	13:03	+33° 36' 43"	18:32	259° 19' 04"	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	07:32	100° 21' 59"	13:02	+33° 59' 34"	18:33	259° 54' 12"	07:32	18:33	21:32	07:46
03-03-2010	07:30	99° 46' 52"	13:02	+34° 22' 32"	18:35	260° 29' 27"	07:30	18:35	22:54	08:08
04-03-2010	07:28	99° 11' 39"	13:02	+34° 45' 35"	18:36	261° 04' 49"	07:28	18:36	---	08:33
05-03-2010	07:26	98° 36' 19"	13:02	+35° 08' 44"	18:38	261° 40' 17"	07:26	18:38	00:13	09:02
06-03-2010	07:24	98° 00' 53"	13:01	+35° 31' 58"	18:39	262° 15' 51"	07:24	18:39	01:28	09:39
07-03-2010	07:22	97° 25' 22"	13:01	+35° 55' 17"	18:41	262° 51' 30"	07:22	18:41	02:34	10:23
08-03-2010	07:20	96° 49' 45"	13:01	+36° 18' 40"	18:43	263° 27' 14"	07:20	18:43	03:30	11:16
09-03-2010	07:18	96° 14' 04"	13:01	+36° 42' 07"	18:44	264° 03' 03"	07:18	18:44	04:15	12:16
10-03-2010	07:16	95° 38' 18"	13:00	+37° 05' 37"	18:46	264° 38' 55"	07:16	18:46	04:50	13:21
11-03-2010	07:14	95° 02' 29"	13:00	+37° 29' 10"	18:47	265° 14' 51"	07:14	18:47	05:18	14:27
12-03-2010	07:12	94° 26' 37"	13:00	+37° 52' 46"	18:49	265° 50' 50"	07:12	18:49	05:41	15:34
13-03-2010	07:10	93° 50' 42"	13:00	+38° 16' 24"	18:50	266° 26' 52"	07:10	18:50	06:00	16:40
14-03-2010	07:08	93° 14' 45"	12:59	+38° 40' 05"	18:52	267° 02' 55"	07:08	18:52	06:17	17:46
15-03-2010	07:06	92° 38' 46"	12:59	+39° 03' 46"	18:53	267° 39' 01"	07:06	18:53	06:33	18:52
16-03-2010	07:04	92° 02' 45"	12:59	+39° 27' 29"	18:55	268° 15' 07"	07:04	18:55	06:49	19:59
17-03-2010	07:01	91° 26' 44"	12:59	+39° 51' 12"	18:57	268° 51' 14"	07:01	18:56	07:06	21:08
18-03-2010	06:59	90° 50' 42"	12:58	+40° 14' 56"	18:58	269° 27' 21"	06:59	18:58	07:26	22:18
19-03-2010	06:57	90° 14' 41"	12:58	+40° 38' 40"	19:00	270° 03' 28"	06:57	19:00	07:50	23:30
20-03-2010	06:55	89° 38' 40"	12:58	+41° 02' 23"	19:01	270° 39' 34"	06:55	19:01	08:20	---
21-03-2010	06:53	89° 02' 39"	12:57	+41° 26' 06"	19:03	271° 15' 39"	06:53	19:03	08:59	00:41
22-03-2010	06:51	88° 26' 41"	12:57	+41° 49' 47"	19:04	271° 51' 43"	06:51	19:04	09:49	01:47
23-03-2010	06:49	87° 50' 43"	12:57	+42° 13' 27"	19:06	272° 27' 44"	06:49	19:06	10:52	02:44
24-03-2010	06:47	87° 14' 49"	12:56	+42° 37' 04"	19:07	273° 03' 43"	06:47	19:07	12:05	03:31
25-03-2010	06:45	86° 38' 56"	12:56	+43° 00' 40"	19:09	273° 39' 39"	06:45	19:09	13:25	04:09
26-03-2010	06:43	86° 03' 07"	12:56	+43° 24' 13"	19:10	274° 15' 32"	06:43	19:10	14:49	04:39
27-03-2010	06:40	85° 27' 21"	12:56	+43° 47' 43"	19:12	274° 51' 22"	06:40	19:12	16:13	05:04
28-03-2010	07:38	84° 51' 39"	13:55	+44° 11' 09"	20:13	275° 27' 07"	07:38	20:13	18:37	06:26
29-03-2010	07:36	84° 16' 01"	13:55	+44° 34' 32"	20:15	276° 02' 48"	07:36	20:15	20:00	06:47
30-03-2010	07:34	83° 40' 27"	13:55	+44° 57' 51"	20:16	276° 38' 25"	07:34	20:16	21:23	07:09
31-03-2010	07:32	83° 04' 58"	13:54	+45° 21' 06"	20:18	277° 13' 56"	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	07:30	82° 29' 34"	13:54	+45° 44' 17"	20:19	277° 49' 22"	07:30	20:19	---	08:00
02-04-2010	07:28	81° 54' 16"	13:54	+46° 07' 22"	20:21	278° 24' 42"	07:28	20:21	00:04	08:34
03-04-2010	07:26	81° 19' 04"	13:53	+46° 30' 22"	20:22	278° 59' 56"	07:26	20:22	01:16	09:16
04-04-2010	07:24	80° 43' 58"	13:53	+46° 53' 17"	20:24	279° 35' 04"	07:24	20:24	02:18	10:07
05-04-2010	07:22	80° 08' 59"	13:53	+47° 16' 06"	20:25	280° 10' 04"	07:22	20:25	03:08	11:06
06-04-2010	07:20	79° 34' 07"	13:53	+47° 38' 48"	20:27	280° 44' 57"	07:20	20:27	03:48	12:09
07-04-2010	07:18	78° 59' 23"	13:52	+48° 01' 24"	20:28	281° 19' 42"	07:18	20:28	04:19	13:16
08-04-2010	07:16	78° 24' 47"	13:52	+48° 23' 53"	20:30	281° 54' 19"	07:16	20:30	04:44	14:22
09-04-2010	07:13	77° 50' 19"	13:52	+48° 46' 15"	20:31	282° 28' 47"	07:13	20:31	05:04	15:28
10-04-2010	07:11	77° 16' 00"	13:51	+49° 08' 29"	20:33	283° 03' 06"	07:11	20:33	05:22	16:34
11-04-2010	07:09	76° 41' 51"	13:51	+49° 30' 35"	20:34	283° 37' 14"	07:09	20:34	05:39	17:40
12-04-2010	07:07	76° 07' 51"	13:51	+49° 52' 33"	20:35	284° 11' 13"	07:07	20:35	05:55	18:47
13-04-2010	07:05	75° 34' 02"	13:51	+50° 14' 21"	20:37	284° 45' 01"	07:05	20:37	06:12	19:55
14-04-2010	07:03	75° 00' 23"	13:50	+50° 36' 01"	20:38	285° 18' 38"	07:03	20:38	06:32	21:06
15-04-2010	07:01	74° 26' 56"	13:50	+50° 57' 32"	20:40	285° 52' 03"	07:01	20:40	06:55	22:18
16-04-2010	07:00	73° 53' 41"	13:50	+51° 18' 52"	20:41	286° 25' 16"	07:00	20:41	07:23	23:30
17-04-2010	06:58	73° 20' 38"	13:50	+51° 40' 03"	20:43	286° 58' 17"	06:58	20:43	08:00	---
18-04-2010	06:56	72° 47' 48"	13:50	+52° 01' 02"	20:44	287° 31' 04"	06:56	20:44	08:47	00:39
19-04-2010	06:54	72° 15' 11"	13:49	+52° 21' 51"	20:46	288° 03' 38"	06:54	20:46	09:46	01:39
20-04-2010	06:52	71° 42' 48"	13:49	+52° 42' 29"	20:47	288° 35' 57"	06:52	20:47	10:56	02:29
21-04-2010	06:50	71° 10' 39"	13:49	+53° 02' 56"	20:49	289° 08' 02"	06:50	20:49	12:13	03:09
22-04-2010	06:48	70° 38' 45"	13:49	+53° 23' 10"	20:50	289° 39' 52"	06:48	20:50	13:33	03:41
23-04-2010	06:46	70° 07' 05"	13:49	+53° 43' 12"	20:52	290° 11' 26"	06:46	20:52	14:54	04:06
24-04-2010	06:44	69° 35' 42"	13:48	+54° 03' 02"	20:53	290° 42' 45"	06:44	20:53	16:15	04:29
25-04-2010	06:42	69° 04' 35"	13:48	+54° 22' 39"	20:55	291° 13' 46"	06:42	20:55	17:36	04:50
26-04-2010	06:41	68° 33' 44"	13:48	+54° 42' 03"	20:56	291° 44' 31"	06:41	20:56	18:57	05:10
27-04-2010	06:39	68° 03' 11"	13:48	+55° 01' 13"	20:58	292° 14' 58"	06:39	20:58	20:18	05:33
28-04-2010	06:37	67° 32' 55"	13:48	+55° 20' 10"	20:59	292° 45' 07"	06:37	20:59	21:38	05:58
29-04-2010	06:35	67° 02' 57"	13:48	+55° 38' 53"	21:01	293° 14' 58"	06:35	21:01	22:53	06:29
30-04-2010	06:34	66° 33' 18"	13:47	+55° 57' 21"	21:02	293° 44' 29"	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	06:32	66° 03' 58"	13:47	+56° 15' 35"	21:04	294° 13' 42"	06:32	21:04	00:01	07:56
02-05-2010	06:30	65° 34' 57"	13:47	+56° 33' 34"	21:05	294° 42' 34"	06:30	21:05	00:58	08:52
03-05-2010	06:29	65° 06' 17"	13:47	+56° 51' 17"	21:06	295° 11' 05"	06:29	21:06	01:43	09:55
04-05-2010	06:27	64° 37' 58"	13:47	+57° 08' 45"	21:08	295° 39' 15"	06:27	21:08	02:18	11:02
05-05-2010	06:25	64° 09' 59"	13:47	+57° 25' 58"	21:09	296° 07' 03"	06:25	21:09	02:45	12:09
06-05-2010	06:24	63° 42' 23"	13:47	+57° 42' 54"	21:11	296° 34' 29"	06:24	21:11	03:07	13:15
07-05-2010	06:22	63° 15' 09"	13:47	+57° 59' 33"	21:12	297° 01' 32"	06:22	21:12	03:26	14:21
08-05-2010	06:21	62° 48' 19"	13:47	+58° 15' 56"	21:14	297° 28' 11"	06:21	21:14	03:43	15:26
09-05-2010	06:19	62° 21' 52"	13:47	+58° 32' 02"	21:15	297° 54' 27"	06:19	21:15	04:00	16:32
10-05-2010	06:18	61° 55' 49"	13:47	+58° 47' 50"	21:16	298° 20' 17"	06:18	21:16	04:17	17:40
11-05-2010	06:16	61° 30' 11"	13:47	+59° 03' 20"	21:18	298° 45' 42"	06:16	21:18	04:35	18:50
12-05-2010	06:15	61° 04' 59"	13:47	+59° 18' 33"	21:19	299° 10' 40"	06:15	21:19	04:57	20:02
13-05-2010	06:13	60° 40' 13"	13:46	+59° 33' 27"	21:21	299° 35' 12"	06:13	21:21	05:23	21:15
14-05-2010	06:12	60° 15' 54"	13:46	+59° 48' 02"	21:22	299° 59' 17"	06:12	21:22	05:57	22:26
15-05-2010	06:11	59° 52' 02"	13:47	+60° 02' 19"	21:23	300° 22' 53"	06:11	21:23	06:42	23:31
16-05-2010	06:09	59° 28' 39"	13:47	+60° 16' 16"	21:25	300° 46' 01"	06:09	21:25	07:38	---
17-05-2010	06:08	59° 05' 44"	13:47	+60° 29' 54"	21:26	301° 08' 40"	06:08	21:26	08:46	00:25
18-05-2010	06:07	58° 43' 18"	13:47	+60° 43' 11"	21:27	301° 30' 48"	06:07	21:27	10:03	01:09
19-05-2010	06:06	58° 21' 23"	13:47	+60° 56' 09"	21:28	301° 52' 26"	06:06	21:28	11:23	01:43
20-05-2010	06:04	57° 59' 58"	13:47	+61° 08' 47"	21:30	302° 13' 33"	06:04	21:30	12:43	02:10
21-05-2010	06:03	57° 39' 04"	13:47	+61° 21' 04"	21:31	302° 34' 09"	06:03	21:31	14:03	02:34
22-05-2010	06:02	57° 18' 43"	13:47	+61° 33' 00"	21:32	302° 54' 11"	06:02	21:32	15:22	02:54
23-05-2010	06:01	56° 58' 53"	13:47	+61° 44' 35"	21:33	303° 13' 41"	06:01	21:33	16:40	03:15
24-05-2010	06:00	56° 39' 37"	13:47	+61° 55' 49"	21:35	303° 32' 38"	06:00	21:35	17:59	03:36
25-05-2010	05:59	56° 20' 54"	13:47	+62° 06' 42"	21:36	303° 51' 00"	05:59	21:36	19:18	03:59
26-05-2010	05:58	56° 02' 46"	13:47	+62° 17' 13"	21:37	304° 08' 47"	05:58	21:37	20:34	04:28
27-05-2010	05:57	55° 45' 12"	13:47	+62° 27' 21"	21:38	304° 25' 59"	05:57	21:38	21:44	05:02
28-05-2010	05:56	55° 28' 13"	13:47	+62° 37' 08"	21:39	304° 42' 36"	05:56	21:39	22:46	05:46
29-05-2010	05:56	55° 11' 51"	13:48	+62° 46' 33"	21:40	304° 58' 36"	05:56	21:40	23:36	06:39
30-05-2010	05:55	54° 56' 04"	13:48	+62° 55' 35"	21:41	305° 13' 59"	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

Soleil

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
31-05-2010	05:54	54° 40' 55"	13:48	+63° 04' 14"	21:42	305° 28' 45"	05:54	21:42	00:15	08:46
01-06-2010	05:53	54° 26' 23"	13:48	+63° 12' 30"	21:43	305° 42' 52"	05:53	21:43	00:45	09:54
02-06-2010	05:53	54° 12' 30"	13:48	+63° 20' 24"	21:44	305° 56' 21"	05:53	21:44	01:10	11:01
03-06-2010	05:52	53° 59' 15"	13:48	+63° 27' 54"	21:45	306° 09' 11"	05:52	21:45	01:30	12:07
04-06-2010	05:51	53° 46' 39"	13:48	+63° 35' 01"	21:46	306° 21' 21"	05:51	21:46	01:48	13:12
05-06-2010	05:51	53° 34' 43"	13:49	+63° 41' 44"	21:47	306° 32' 51"	05:51	21:47	02:04	14:17
06-06-2010	05:50	53° 23' 27"	13:49	+63° 48' 03"	21:48	306° 43' 41"	05:50	21:48	02:21	15:23
07-06-2010	05:50	53° 12' 51"	13:49	+63° 53' 59"	21:48	306° 53' 50"	05:50	21:48	02:38	16:31
08-06-2010	05:50	53° 02' 56"	13:49	+63° 59' 30"	21:49	307° 03' 18"	05:50	21:49	02:58	17:42
09-06-2010	05:49	52° 53' 43"	13:49	+64° 04' 38"	21:50	307° 12' 03"	05:49	21:50	03:22	18:54
10-06-2010	05:49	52° 45' 12"	13:50	+64° 09' 21"	21:51	307° 20' 07"	05:49	21:51	03:53	20:07
11-06-2010	05:49	52° 37' 22"	13:50	+64° 13' 40"	21:51	307° 27' 28"	05:49	21:51	04:33	21:16
12-06-2010	05:48	52° 30' 15"	13:50	+64° 17' 34"	21:52	307° 34' 07"	05:48	21:52	05:25	22:16
13-06-2010	05:48	52° 23' 51"	13:50	+64° 21' 04"	21:52	307° 40' 03"	05:48	21:52	06:30	23:05
14-06-2010	05:48	52° 18' 10"	13:50	+64° 24' 09"	21:53	307° 45' 15"	05:48	21:53	07:46	23:43
15-06-2010	05:48	52° 13' 12"	13:51	+64° 26' 50"	21:53	307° 49' 44"	05:48	21:53	09:07	---
16-06-2010	05:48	52° 08' 57"	13:51	+64° 29' 05"	21:54	307° 53' 30"	05:48	21:54	10:30	00:14
17-06-2010	05:48	52° 05' 26"	13:51	+64° 30' 57"	21:54	307° 56' 31"	05:48	21:54	11:51	00:38
18-06-2010	05:48	52° 02' 39"	13:51	+64° 32' 23"	21:55	307° 58' 50"	05:48	21:55	13:11	01:00
19-06-2010	05:48	52° 00' 35"	13:51	+64° 33' 24"	21:55	308° 00' 24"	05:48	21:55	14:30	01:20
20-06-2010	05:48	51° 59' 15"	13:52	+64° 34' 01"	21:55	308° 01' 14"	05:48	21:55	15:48	01:41
21-06-2010	05:48	51° 58' 39"	13:52	+64° 34' 13"	21:55	308° 01' 21"	05:48	21:55	17:05	02:04
22-06-2010	05:49	51° 58' 47"	13:52	+64° 34' 00"	21:56	308° 00' 43"	05:49	21:56	18:21	02:30
23-06-2010	05:49	51° 59' 39"	13:52	+64° 33' 23"	21:56	307° 59' 22"	05:49	21:56	19:32	03:01
24-06-2010	05:49	52° 01' 14"	13:53	+64° 32' 21"	21:56	307° 57' 17"	05:49	21:56	20:36	03:41
25-06-2010	05:50	52° 03' 33"	13:53	+64° 30' 54"	21:56	307° 54' 29"	05:50	21:56	21:30	04:30
26-06-2010	05:50	52° 06' 36"	13:53	+64° 29' 02"	21:56	307° 50' 57"	05:50	21:56	22:12	05:28
27-06-2010	05:50	52° 10' 22"	13:53	+64° 26' 46"	21:56	307° 46' 41"	05:50	21:56	22:46	06:32
28-06-2010	05:51	52° 14' 52"	13:53	+64° 24' 05"	21:56	307° 41' 43"	05:51	21:56	23:13	07:39
29-06-2010	05:51	52° 20' 05"	13:54	+64° 21' 00"	21:56	307° 36' 02"	05:51	21:56	23:34	08:47

REDSHIFT 6

Lever/Coucher

Date/position

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

Objet

Soleil

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



Lever/Coucher

Date/position

Date: 01-01-2010
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Lon : 2°20'0"E

Objet

Soleil

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
30-07-2010	06:22	60° 21' 01"	13:57	+59° 35' 47"	21:30	299° 23' 46"	06:22	21:30	22:49	10:58
31-07-2010	06:24	60° 45' 14"	13:57	+59° 21' 05"	21:29	298° 59' 19"	06:24	21:29	23:07	12:03
01-08-2010	06:25	61° 09' 53"	13:56	+59° 06' 05"	21:27	298° 34' 26"	06:25	21:27	23:26	13:09
02-08-2010	06:26	61° 34' 58"	13:56	+58° 50' 47"	21:26	298° 09' 09"	06:26	21:26	23:50	14:17
03-08-2010	06:28	62° 00' 27"	13:56	+58° 35' 12"	21:24	297° 43' 27"	06:28	21:24	---	15:27
04-08-2010	06:29	62° 26' 21"	13:56	+58° 19' 20"	21:23	297° 17' 21"	06:29	21:23	00:20	16:36
05-08-2010	06:30	62° 52' 39"	13:56	+58° 03' 11"	21:21	296° 50' 52"	06:30	21:21	01:00	17:42
06-08-2010	06:32	63° 19' 20"	13:56	+57° 46' 45"	21:19	296° 24' 00"	06:32	21:19	01:51	18:40
07-08-2010	06:33	63° 46' 24"	13:56	+57° 30' 04"	21:18	295° 56' 47"	06:33	21:18	02:55	19:29
08-08-2010	06:34	64° 13' 49"	13:56	+57° 13' 06"	21:16	295° 29' 11"	06:34	21:16	04:11	20:08
09-08-2010	06:36	64° 41' 36"	13:56	+56° 55' 53"	21:15	295° 01' 15"	06:36	21:15	05:35	20:39
10-08-2010	06:37	65° 09' 44"	13:56	+56° 38' 25"	21:13	294° 32' 59"	06:37	21:13	07:01	21:05
11-08-2010	06:39	65° 38' 12"	13:55	+56° 20' 42"	21:11	294° 04' 23"	06:39	21:11	08:27	21:28
12-08-2010	06:40	66° 06' 59"	13:55	+56° 02' 44"	21:09	293° 35' 27"	06:40	21:09	09:52	21:50
13-08-2010	06:41	66° 36' 06"	13:55	+55° 44' 32"	21:08	293° 06' 14"	06:41	21:08	11:16	22:13
14-08-2010	06:43	67° 05' 30"	13:55	+55° 26' 07"	21:06	292° 36' 42"	06:43	21:06	12:37	22:38
15-08-2010	06:44	67° 35' 13"	13:55	+55° 07' 27"	21:04	292° 06' 53"	06:44	21:04	13:57	23:06
16-08-2010	06:46	68° 05' 13"	13:54	+54° 48' 35"	21:02	291° 36' 47"	06:46	21:02	15:13	23:41
17-08-2010	06:47	68° 35' 29"	13:54	+54° 29' 30"	21:01	291° 06' 25"	06:47	21:01	16:22	---
18-08-2010	06:48	69° 06' 02"	13:54	+54° 10' 12"	20:59	290° 35' 47"	06:48	20:59	17:21	00:24
19-08-2010	06:50	69° 36' 51"	13:54	+53° 50' 42"	20:57	290° 04' 53"	06:50	20:57	18:10	01:16
20-08-2010	06:51	70° 07' 55"	13:54	+53° 31' 00"	20:55	289° 33' 45"	06:51	20:55	18:49	02:15
21-08-2010	06:53	70° 39' 14"	13:53	+53° 11' 06"	20:53	289° 02' 22"	06:53	20:53	19:20	03:19
22-08-2010	06:54	71° 10' 47"	13:53	+52° 51' 01"	20:51	288° 30' 44"	06:54	20:51	19:45	04:26
23-08-2010	06:56	71° 42' 35"	13:53	+52° 30' 45"	20:49	287° 58' 54"	06:56	20:49	20:05	05:33
24-08-2010	06:57	72° 14' 35"	13:53	+52° 10' 18"	20:47	287° 26' 50"	06:57	20:47	20:23	06:39
25-08-2010	06:58	72° 46' 49"	13:52	+51° 49' 40"	20:45	286° 54' 33"	06:58	20:45	20:40	07:44
26-08-2010	07:00	73° 19' 16"	13:52	+51° 28' 53"	20:43	286° 22' 04"	07:00	20:43	20:57	08:49
27-08-2010	07:01	73° 51' 55"	13:52	+51° 07' 55"	20:41	285° 49' 23"	07:01	20:41	21:14	09:53
28-08-2010	07:03	74° 24' 45"	13:51	+50° 46' 48"	20:39	285° 16' 31"	07:03	20:39	21:33	10:59



Lever/Coucher

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Objet

Soleil

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
29-08-2010	07:04	74° 57' 47"	13:51	+50° 25' 32"	20:37	284° 43' 27"	07:04	20:37	21:55	12:06
30-08-2010	07:05	75° 31' 00"	13:51	+50° 04' 07"	20:35	284° 10' 13"	07:05	20:35	22:22	13:14
31-08-2010	07:07	76° 04' 24"	13:51	+49° 42' 33"	20:33	283° 36' 48"	07:07	20:33	22:57	14:22
01-09-2010	07:08	76° 37' 58"	13:50	+49° 20' 50"	20:31	283° 03' 14"	07:08	20:31	23:42	15:28
02-09-2010	07:10	77° 11' 41"	13:50	+48° 59' 00"	20:29	282° 29' 30"	07:10	20:29	---	16:28
03-09-2010	07:11	77° 45' 34"	13:50	+48° 37' 02"	20:27	281° 55' 37"	07:11	20:27	00:38	17:19
04-09-2010	07:12	78° 19' 36"	13:49	+48° 14' 56"	20:25	281° 21' 35"	07:12	20:25	01:47	18:01
05-09-2010	07:14	78° 53' 46"	13:49	+47° 52' 44"	20:23	280° 47' 25"	07:14	20:23	03:05	18:35
06-09-2010	07:15	79° 28' 05"	13:49	+47° 30' 25"	20:21	280° 13' 08"	07:15	20:21	04:28	19:04
07-09-2010	07:17	80° 02' 31"	13:48	+47° 07' 59"	20:19	279° 38' 43"	07:17	20:19	05:54	19:28
08-09-2010	07:18	80° 37' 04"	13:48	+46° 45' 28"	20:17	279° 04' 11"	07:18	20:17	07:20	19:51
09-09-2010	07:20	81° 11' 43"	13:48	+46° 22' 51"	20:15	278° 29' 33"	07:20	20:15	08:45	20:14
10-09-2010	07:21	81° 46' 30"	13:47	+46° 00' 08"	20:12	277° 54' 49"	07:21	20:12	10:10	20:39
11-09-2010	07:22	82° 21' 21"	13:47	+45° 37' 21"	20:10	277° 19' 59"	07:22	20:10	11:33	21:07
12-09-2010	07:24	82° 56' 19"	13:46	+45° 14' 29"	20:08	276° 45' 04"	07:24	20:08	12:54	21:40
13-09-2010	07:25	83° 31' 21"	13:46	+44° 51' 33"	20:06	276° 10' 05"	07:25	20:06	14:08	22:21
14-09-2010	07:27	84° 06' 28"	13:46	+44° 28' 33"	20:04	275° 35' 01"	07:27	20:04	15:13	23:11
15-09-2010	07:28	84° 41' 39"	13:45	+44° 05' 30"	20:02	274° 59' 53"	07:28	20:02	16:06	---
16-09-2010	07:29	85° 16' 53"	13:45	+43° 42' 23"	20:00	274° 24' 41"	07:29	20:00	16:49	00:09
17-09-2010	07:31	85° 52' 12"	13:45	+43° 19' 14"	19:58	273° 49' 27"	07:31	19:58	17:22	01:12
18-09-2010	07:32	86° 27' 33"	13:44	+42° 56' 02"	19:55	273° 14' 09"	07:32	19:55	17:49	02:18
19-09-2010	07:34	87° 02' 57"	13:44	+42° 32' 47"	19:53	272° 38' 49"	07:34	19:53	18:11	03:24
20-09-2010	07:35	87° 38' 23"	13:44	+42° 09' 31"	19:51	272° 03' 27"	07:35	19:51	18:30	04:30
21-09-2010	07:37	88° 13' 52"	13:43	+41° 46' 13"	19:49	271° 28' 03"	07:37	19:49	18:47	05:35
22-09-2010	07:38	88° 49' 22"	13:43	+41° 22' 54"	19:47	270° 52' 38"	07:38	19:47	19:04	06:40
23-09-2010	07:39	89° 24' 53"	13:43	+40° 59' 33"	19:45	270° 17' 11"	07:39	19:45	19:21	07:45
24-09-2010	07:41	90° 00' 25"	13:42	+40° 36' 12"	19:43	269° 41' 44"	07:41	19:43	19:40	08:50
25-09-2010	07:42	90° 35' 58"	13:42	+40° 12' 51"	19:41	269° 06' 16"	07:42	19:41	20:01	09:57
26-09-2010	07:44	91° 11' 31"	13:42	+39° 49' 30"	19:38	268° 30' 48"	07:44	19:38	20:27	11:05
27-09-2010	07:45	91° 47' 04"	13:41	+39° 26' 09"	19:36	267° 55' 21"	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

Soleil

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
28-09-2010	07:47	92° 22' 36"	13:41	+39° 02' 48"	19:34	267° 19' 54"	07:47	19:34	21:40	13:19
29-09-2010	07:48	92° 58' 08"	13:41	+38° 39' 28"	19:32	266° 44' 29"	07:48	19:32	22:31	14:19
30-09-2010	07:50	93° 33' 38"	13:40	+38° 16' 10"	19:30	266° 09' 04"	07:50	19:30	23:34	15:12
01-10-2010	07:51	94° 09' 06"	13:40	+37° 52' 54"	19:28	265° 33' 42"	07:51	19:28	---	15:57
02-10-2010	07:52	94° 44' 33"	13:40	+37° 29' 39"	19:26	264° 58' 22"	07:52	19:26	00:46	16:33
03-10-2010	07:54	95° 19' 56"	13:39	+37° 06' 27"	19:24	264° 23' 05"	07:54	19:24	02:04	17:02
04-10-2010	07:55	95° 55' 17"	13:39	+36° 43' 17"	19:22	263° 47' 51"	07:55	19:22	03:26	17:28
05-10-2010	07:57	96° 30' 35"	13:39	+36° 20' 11"	19:20	263° 12' 41"	07:57	19:20	04:49	17:51
06-10-2010	07:58	97° 05' 48"	13:38	+35° 57' 08"	19:17	262° 37' 34"	07:58	19:17	06:13	18:14
07-10-2010	08:00	97° 40' 57"	13:38	+35° 34' 09"	19:15	262° 02' 33"	08:00	19:15	07:37	18:37
08-10-2010	08:01	98° 16' 01"	13:38	+35° 11' 14"	19:13	261° 27' 36"	08:01	19:13	09:02	19:04
09-10-2010	08:03	98° 51' 00"	13:37	+34° 48' 24"	19:11	260° 52' 45"	08:03	19:11	10:25	19:36
10-10-2010	08:04	99° 25' 53"	13:37	+34° 25' 39"	19:09	260° 18' 00"	08:04	19:09	11:45	20:15
11-10-2010	08:06	100° 00' 40"	13:37	+34° 02' 59"	19:07	259° 43' 22"	08:06	19:07	12:56	21:02
12-10-2010	08:07	100° 35' 20"	13:37	+33° 40' 26"	19:05	259° 08' 50"	08:07	19:05	13:56	21:58
13-10-2010	08:09	101° 09' 52"	13:36	+33° 17' 58"	19:03	258° 34' 26"	08:09	19:03	14:44	23:01
14-10-2010	08:10	101° 44' 17"	13:36	+32° 55' 37"	19:01	258° 00' 10"	08:10	19:01	15:22	---
15-10-2010	08:12	102° 18' 34"	13:36	+32° 33' 23"	18:59	257° 26' 02"	08:12	18:59	15:51	00:07
16-10-2010	08:13	102° 52' 41"	13:36	+32° 11' 17"	18:57	256° 52' 03"	08:13	18:57	16:15	01:14
17-10-2010	08:15	103° 26' 40"	13:36	+31° 49' 18"	18:55	256° 18' 14"	08:15	18:55	16:35	02:20
18-10-2010	08:16	104° 00' 29"	13:35	+31° 27' 27"	18:53	255° 44' 34"	08:16	18:53	16:53	03:26
19-10-2010	08:18	104° 34' 08"	13:35	+31° 05' 45"	18:52	255° 11' 05"	08:18	18:52	17:10	04:30
20-10-2010	08:20	105° 07' 36"	13:35	+30° 44' 11"	18:50	254° 37' 47"	08:20	18:50	17:27	05:35
21-10-2010	08:21	105° 40' 52"	13:35	+30° 22' 47"	18:48	254° 04' 40"	08:21	18:48	17:46	06:40
22-10-2010	08:23	106° 13' 58"	13:35	+30° 01' 32"	18:46	253° 31' 44"	08:23	18:46	18:07	07:47
23-10-2010	08:24	106° 46' 51"	13:35	+29° 40' 28"	18:44	252° 59' 02"	08:24	18:44	18:31	08:55
24-10-2010	08:26	107° 19' 31"	13:34	+29° 19' 33"	18:42	252° 26' 32"	08:26	18:42	19:02	10:03
25-10-2010	08:27	107° 51' 58"	13:34	+28° 58' 49"	18:40	251° 54' 15"	08:27	18:40	19:40	11:10
26-10-2010	08:29	108° 24' 11"	13:34	+28° 38' 17"	18:39	251° 22' 13"	08:29	18:39	20:29	12:13
27-10-2010	08:31	108° 56' 09"	13:34	+28° 17' 55"	18:37	250° 50' 25"	08:31	18:37	21:28	13:08



Lever/Coucher

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Objet

Soleil

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
28-10-2010	08:32	109° 27' 53"	13:34	+27° 57' 46"	18:35	250° 18' 52"	08:32	18:35	22:36	13:55
29-10-2010	08:34	109° 59' 21"	13:34	+27° 37' 49"	18:33	249° 47' 35"	08:34	18:33	23:51	14:33
30-10-2010	08:35	110° 30' 33"	13:34	+27° 18' 04"	18:32	249° 16' 34"	08:35	18:32	---	15:03
31-10-2010	07:37	111° 01' 28"	12:34	+26° 58' 33"	17:30	248° 45' 50"	07:37	17:30	01:09	14:29
01-11-2010	07:39	111° 32' 05"	12:34	+26° 39' 15"	17:28	248° 15' 24"	07:39	17:28	01:28	14:53
02-11-2010	07:40	112° 02' 25"	12:34	+26° 20' 11"	17:27	247° 45' 17"	07:40	17:27	02:49	15:15
03-11-2010	07:42	112° 32' 25"	12:34	+26° 01' 21"	17:25	247° 15' 28"	07:42	17:25	04:10	15:37
04-11-2010	07:43	113° 02' 06"	12:34	+25° 42' 46"	17:24	246° 45' 59"	07:43	17:24	05:32	16:02
05-11-2010	07:45	113° 31' 27"	12:34	+25° 24' 27"	17:22	246° 16' 51"	07:45	17:22	06:55	16:31
06-11-2010	07:47	114° 00' 26"	12:34	+25° 06' 23"	17:20	245° 48' 04"	07:47	17:20	08:16	17:06
07-11-2010	07:48	114° 29' 04"	12:34	+24° 48' 35"	17:19	245° 19' 38"	07:48	17:19	09:32	17:50
08-11-2010	07:50	114° 57' 19"	12:34	+24° 31' 03"	17:18	244° 51' 36"	07:50	17:18	10:39	18:43
09-11-2010	07:51	115° 25' 12"	12:34	+24° 13' 48"	17:16	244° 23' 56"	07:51	17:16	11:34	19:45
10-11-2010	07:53	115° 52' 40"	12:34	+23° 56' 51"	17:15	243° 56' 41"	07:53	17:15	12:17	20:51
11-11-2010	07:54	116° 19' 43"	12:34	+23° 40' 11"	17:13	243° 29' 51"	07:54	17:13	12:50	22:00
12-11-2010	07:56	116° 46' 21"	12:34	+23° 23' 49"	17:12	243° 03' 26"	07:56	17:12	13:16	23:07
13-11-2010	07:58	117° 12' 33"	12:34	+23° 07' 46"	17:11	242° 37' 27"	07:58	17:11	13:38	---
14-11-2010	07:59	117° 38' 18"	12:35	+22° 52' 02"	17:09	242° 11' 56"	07:59	17:09	13:57	00:13
15-11-2010	08:01	118° 03' 36"	12:35	+22° 36' 37"	17:08	241° 46' 52"	08:01	17:08	14:15	01:18
16-11-2010	08:02	118° 28' 25"	12:35	+22° 21' 31"	17:07	241° 22' 17"	08:02	17:07	14:32	02:22
17-11-2010	08:04	118° 52' 45"	12:35	+22° 06' 45"	17:06	240° 58' 11"	08:04	17:06	14:50	03:27
18-11-2010	08:05	119° 16' 34"	12:35	+21° 52' 20"	17:05	240° 34' 35"	08:05	17:05	15:10	04:33
19-11-2010	08:07	119° 39' 53"	12:36	+21° 38' 16"	17:04	240° 11' 30"	08:07	17:04	15:33	05:40
20-11-2010	08:08	120° 02' 41"	12:36	+21° 24' 32"	17:03	239° 48' 57"	08:08	17:03	16:02	06:49
21-11-2010	08:10	120° 24' 57"	12:36	+21° 11' 11"	17:02	239° 26' 56"	08:10	17:02	16:38	07:58
22-11-2010	08:11	120° 46' 39"	12:36	+20° 58' 10"	17:01	239° 05' 28"	08:11	17:01	17:24	09:03
23-11-2010	08:13	121° 07' 48"	12:37	+20° 45' 32"	17:00	238° 44' 34"	08:13	17:00	18:21	10:03
24-11-2010	08:14	121° 28' 22"	12:37	+20° 33' 17"	16:59	238° 24' 15"	08:14	16:59	19:28	10:53
25-11-2010	08:16	121° 48' 21"	12:37	+20° 21' 24"	16:58	238° 04' 31"	08:16	16:58	20:42	11:33
26-11-2010	08:17	122° 07' 43"	12:37	+20° 09' 55"	16:57	237° 45' 23"	08:17	16:57	21:59	12:06



Lever/Coucher

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Objet

Soleil

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

REDSHIFT™ 6

Lever/Coucher

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Date: 01-01-2010
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Objet

Soleil

Date	Lever		Transit		Coucher		Soleil		Lune	
	H.locale	Azm	H.locale	Alt	H.locale	Azm	Lever	Coucher	Lever	Coucher
27-12-2010	08:45	126° 12' 20"	12:51	+17° 48' 43"	16:57	233° 49' 12"	08:45	16:57	---	11:46
28-12-2010	08:45	126° 07' 36"	12:52	+17° 51' 32"	16:58	233° 54' 14"	08:45	16:58	01:02	12:09
29-12-2010	08:46	126° 02' 03"	12:52	+17° 54' 50"	16:59	234° 00' 03"	08:46	16:59	02:21	12:33
30-12-2010	08:46	125° 55' 42"	12:53	+17° 58' 35"	17:00	234° 06' 41"	08:46	17:00	03:39	13:02
31-12-2010	08:46	125° 48' 33"	12:53	+18° 02' 49"	17:01	234° 14' 07"	08:46	17:01	04:55	13:37