



**REDSHIFT**

**Aufgang/Untergang**

**Standort**

Beob. von der Oberfläche  
von Erde  
Län: 11°35' O  
Br: 48°8' N

**Objekt:**

Komet:  
C/2011 L4

Datum	Aktuelle Position			Aufgang		Durchgang		Untergang		Sonne		Mond	
	Ortszeit	Azimut	Höhe	Ortszeit	Azimut	Ortszeit	Höhe	Ortszeit	Azimut	Aufgang	Untergang	Aufgang	Untergang
2013-03-01	20:10	+262°43'	-28°45'	09:16	+131°11'	13:06	+15°38'	17:00	+229°57'	06:54	17:57	22:36	08:09
2013-03-02	20:10	+263°46'	-26°37'	09:07	+127°33'	13:10	+17°45'	17:17	+233°40'	06:52	17:59	23:49	08:43
2013-03-03	20:10	+264°55'	-24°27'	08:58	+123°51'	13:13	+19°59'	17:34	+237°28'	06:50	18:01	-----	09:22
2013-03-04	20:10	+266°11'	-22°16'	08:48	+120°04'	13:17	+22°19'	17:50	+241°21'	06:48	18:02	00:58	10:09
2013-03-05	20:10	+267°33'	-20°05'	08:38	+116°14'	13:19	+24°44'	18:06	+245°17'	06:46	18:04	02:02	11:05
2013-03-06	20:10	+269°02'	-17°55'	08:28	+112°19'	13:22	+27°15'	18:21	+249°17'	06:44	18:05	02:59	12:09
2013-03-07	20:10	+270°37'	-15°47'	08:17	+108°22'	13:23	+29°50'	18:35	+253°20'	06:42	18:07	03:47	13:19
2013-03-08	20:10	+272°19'	-13°43'	08:06	+104°23'	13:24	+32°28'	18:48	+257°23'	06:40	18:08	04:27	14:32
2013-03-09	20:10	+274°08'	-11°44'	07:54	+100°23'	13:25	+35°08'	19:00	+261°26'	06:38	18:10	05:02	15:45
2013-03-10	20:10	+276°01'	-09°50'	07:42	+96°25'	13:24	+37°47'	19:12	+265°27'	06:36	18:11	05:32	16:59
2013-03-11	20:10	+277°59'	-08°03'	07:30	+92°30'	13:23	+40°25'	19:23	+269°25'	06:34	18:13	05:59	18:10
2013-03-12	20:10	+280°01'	-06°24'	07:17	+88°38'	13:22	+42°59'	19:33	+273°18'	06:32	18:14	06:25	19:20
2013-03-13	20:10	+282°04'	-04°52'	07:04	+84°52'	13:20	+45°30'	19:42	+277°05'	06:30	18:16	06:51	20:29
2013-03-14	20:10	+284°08'	-03°27'	06:50	+81°11'	13:17	+47°57'	19:50	+280°45'	06:28	18:17	07:18	21:35
2013-03-15	20:10	+286°13'	-02°09'	06:37	+77°37'	13:14	+50°18'	19:58	+284°19'	06:26	18:19	07:48	22:38
2013-03-16	20:10	+288°16'	-00°58'	06:23	+74°09'	13:11	+52°34'	20:06	+287°47'	06:24	18:20	08:21	23:39
2013-03-17	20:10	+290°19'	+00°06'	06:09	+70°47'	13:08	+54°44'	20:13	+291°08'	06:22	18:22	08:58	-----
2013-03-18	20:10	+292°19'	+01°07'	05:55	+67°32'	13:04	+56°49'	20:19	+294°23'	06:20	18:23	09:41	00:34
2013-03-19	20:10	+294°18'	+02°02'	05:41	+64°21'	13:00	+58°48'	20:26	+297°34'	06:18	18:24	10:29	01:24
2013-03-20	20:10	+296°14'	+02°54'	05:27	+61°15'	12:56	+60°43'	20:32	+300°39'	06:16	18:26	11:22	02:09
2013-03-21	20:10	+298°08'	+03°42'	05:13	+58°13'	12:52	+62°34'	20:38	+303°42'	06:14	18:27	12:19	02:48
2013-03-22	20:10	+300°00'	+04°28'	04:59	+55°15'	12:48	+64°20'	20:44	+306°41'	06:12	18:29	13:21	03:23
2013-03-23	20:10	+301°49'	+05°10'	04:44	+52°19'	12:44	+66°02'	20:51	+309°38'	06:10	18:30	14:25	03:53
2013-03-24	20:10	+303°35'	+05°51'	04:30	+49°25'	12:40	+67°40'	20:57	+312°33'	06:08	18:32	15:32	04:21
2013-03-25	20:10	+305°19'	+06°29'	04:15	+46°32'	12:36	+69°15'	21:04	+315°29'	06:06	18:33	16:41	04:48
2013-03-26	20:10	+307°01'	+07°06'	04:00	+43°39'	12:31	+70°47'	21:11	+318°25'	06:04	18:35	17:52	05:14
2013-03-27	20:10	+308°40'	+07°42'	03:44	+40°45'	12:27	+72°16'	21:19	+321°24'	06:02	18:36	19:05	05:41
2013-03-28	20:10	+310°18'	+08°17'	03:28	+37°49'	12:23	+73°43'	21:27	+324°26'	06:00	18:38	20:20	06:10
2013-03-29	20:10	+311°53'	+08°50'	03:11	+34°49'	12:18	+75°07'	21:36	+327°34'	05:58	18:39	21:35	06:43
2013-03-30	20:10	+313°26'	+09°23'	02:53	+31°43'	12:14	+76°28'	21:46	+330°50'	05:56	18:41	22:47	07:21